

PROPOSED REAR SIDE ADDITION

293 MACLAREN STREET, OTTAWA

GENERAL NOTES:

ANY DEVIATION FROM THE CONDITIONS SHOWN ON THE DRAWINGS SHALL BE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO

DESIGN LOADS (SPECIFIED):

3.1 ROOF:

= 1.0 kPa; LIVE = 1.0 kPa:

= 2.32 kPa (OTTAWA, ON).

3.2 FLOOR:

DEAD LIVE

3.3 WIND:

q = 0.41 kPa (OTTAWA, ON) Ce = 0.9; CpCq AS PER NBCC.

3.4 MINIMUM SOIL BEARING CAPACITY: 75 Kpa

DESIGN DONE AS PER PART 9 OF THE 2012 ONTARIO BUILDING CODE (OBC) IN ACCORDANCE WITH:

- 4.1 CAN/CSA S16-01 LIMIT STATES DESIGN OF STEEL STRUCTURES;
- 4.2 CAN/CSA A23.3 DESIGN OF CONCRETE STRUCTURES:
- 4.3 CAN/CSA 086-09 ENGINEERING DESIGN IN WOOD:

- 5.1 COMPLY WITH ONTARIO OCCUPATIONAL HEALTH AND SAFETY ACT.
- 5.2 TEMPORARY EXCAVATIONS SHALL NOT EXCEED 3.5 m DEEP.
- 5.3 DO NOT EXCAVATE BELOW A LINE EXTENDING DOWNWARD FROM ANY BEARING STRATA AT A SLOPE OF 1 VERTICAL TO 1.5 HORIZONTAL.

STRUCTURAL:

- 1 STEEL. TIMBER AND BUILT-UP TIMBER COLUMNS FROM ALL LEVELS SHALL BE CARRIED DOWN TO THE
- FOUNDATION OR TO SUPPORTING BEAMS. PROVIDE BLOCKING WHERE REQUIRED.

 2 ALL LOAD BEARING WALLS IN THE STOREY IMMEDIATELY BELOW A FLOOR ASSEMBLY SHALL HAVE A
 FIRE RESISTANCE RATING OF NOT LESS THAN THAT REQUIRED FOR THE SUPPORTED FLOOR ASSEMBLY.
- 3 PRE-ENGINEERED TIMBER TRUSSES TO BE DESIGNED BY TRUSS MANUFACTURER, RESPONSIBILITY FOR THE DESIGN RESTS WITH THE CONTRACTOR SUBMIT SHOP DRAWINGS FOR REVIEW
- FLOOR FRAMING SYSTEM TO BE AS PER MANUFACTURE STANDARD DETAILS AND SPECIFICATIONS.

1- DRAINAGE: MAINTAIN EXISTING OVERALL SITE DRAINAGE AWAY FROM PERIMETER OF NEW FOUNDATIONS. WATERPROOFING TO BE 3mm RUBBERIZED ASPHALT APPLIED TO EXTERIOR FACE OF FOUNDATION WALLS TO EXTEND FROM GRADE TO TOP OF FOOTING (2 COATS).

- 1- CONCRETE TO BE 20 MPa @ 28 DAYS FOR FOOTINGS AND WALLS. CONCRETE FOR ENTRANCE SLAB TO 32 MPa(MIN.) @ 28 DAYS 6 % (+/- 1%) AIR ENTRAINMENT 0.45 WATER / CEMENT RATIO BROOM FINISH. BASEMENT
- CONCRETE SLAB 25 MPs @ 28 DAYS.
 FOUNDATION WALL DRAINAGE AS PER O.B.C. 9.14.
 MINIMUM BEARING CAPACITY USED IN FOOTING DESIGN IS 75 KPa. BEARING SURFACE TO BE INSPECTED BY
 THE SOILS ENGINEER PRIOR TO THE PLACEMENT OF CONCRETE. TYPICAL FOUNDATION WALL TO HAVE 2-10m BARS 4" FROM TOP & BOTTOM OF FOUNDATION

- METALS:

1- REINFORCING STEEL YIELD STRENGTH TO BE 60 K.S.I.

- WOOD (FRAMING) AND PLASTICS:

- 1 LUMBER TO BE SPF #2 OR BETTER, EXCEPT PORCH POST TO BE PRESSURE TREATED PINE
- ALL BEAMS TO BE FLUSH EXCEPT AS NOTED.

 BEAMS TO BE FLUSH EXCEPT AS NOTED.

 BEAMS NOTED AS "LVL" ARE LAMINATED VENEER LUMBER. SIZES ARE BASED ON THE USE OF TRUSS. JOIST PRODUCTS AND ALTERNATES ARE ACCEPTABLE IF CAPACITY MEETS THOSE SPECIFIED ON THESE DRAWINGS. NOTCHING AND DRILLING SHALL COMPLY TO 9.2.3.5 O.B.C.
- FLOOR JOISTS OR BLOCKING LINDER ALL PARALLEL PARTITIONS

- SUB-FLOOR TO BE 19.0mm (3/4") T&G PLYWOOD GLUED AND SCREWED.
 CUSHION FLOORING TO HAVE 6.5mm (1/4") POPLAR UNDERLAY.
 PROVIDE BLOCKING FOR FUTURE GRAB BARS IN MAIN BATHROOM AT TOILET AND TUB IN LOCATIONS
- REQUIRED BY O.B.C. 3.8.3.8 (1)(i) AND 3.8.3.13 (1)(i).

 9 EXTERIOR WINDOW AND DOOR LINTEL TO BE 3-2x10. EXCEPT AS NOTED.

 10 ALL INTERIOR PARTITIONS TO BE 12.8mm (1/2") GYPSUM BOARD ON BOTH SIDES OF 38mm x 98mm (2" x 4")

 OR 38mm x 150mm (2" x 6") STUDS @ 490mm (19.2") O.C. LOAD BEARING, 610mm (24") NON-LOAD BEARING.
- OR SOMMIN 13-DOMMIN 2-9 (3) STUDIES 4-900MIN (129-2) V.S. LOAD BEARING, 63-DIMIN (24) NON-FINISHED WITH TAPE AND PLASTERED JOINTS, UNLESS NOTED OTHERWISE.

 11. STAIRS: MAX. 200mm (7 7/8") RISE. MIN. 210mm (8 1/4") RUN, MIN. 235mm (9 1/4") TREAD.

 12. HANDRAILS TO BE 865mm (2"-10") TO 965mm (3"-2") HIGH.

 13. PROVIDE MIN. 1.950mm (6"-5") HEADROOM CLEARANCE ON STAIRS.

- FOR CERAMIC TILE FLOORING PROVIDE CERAMIC TILE ADHESIVE AS PER MANUFACTURERS
 RECOMMENDATIONS ON 15.9mm (5/8") PLYWOOD UNLAY.
 FINISH FLOORING IN BATHROOMS, KITCHENS, LAUNDRY ROOMS AND ENTRANCES SHALL BE WATER RESISTANT.
- FINISHES, FIXTURES, MILLWORK AND WOOD STAIRS TO CLIENTS REQUIREMENTS.

 ALL WALL CABINETS IN KITCHEN/LAUNDRY TO HAVE DROPPED BULKHEADS ABOVE UNLESS NOTED.

 INTERIOR TRIM, BASEBOARDS, CASING AND ALL SWING DOORS TO BE COLONIA.

 GYPSUM BOARD AT BATHTUB AND SHOWER WALLS TO BE WATER RESISTANT.

- 1- MOISTURE BARRIER SHALL BE PROVIDED IN ALL AREAS WHERE WOOD IS IN CONTACT WITH CONCRETE OR UNIT
- 2 ALL POLY VAPOR / AIR BARRIER TO CONFORM TO CGSB-51.34 CAULK AND SEAL ALL JOINTS W/ 100mm (4") MIN.
- LAP JOINTS.

 CAULK PERIMETERS, INSIDE AND OUTSIDE OF EXTERIOR DOORS AND WINDOWS.
- SERVICES PENETRATING A FIRE SEPARATION (RATED ASSEMBLY) SHALL CONFORM TO 9.10.9.6 AND 9.10.9.7.0.B.C
- FLASHING TO BE PRE-FINISHED METAL. APPLY AT EXPOSED DOOR / WINDOW HEADS AND SILLS. ROOF VALLEYS, CHIMNEY / ROOF CONNECTIONS, HIGH WALL / ROOF CONNECTIONS. CHIMNEY CAPS, SKYLIGHT PERIMETERS, U/S OF BRICK AND AS SHOWN ON DRAWINGS.
- 6 FIRE BLOCKING SHALL CONFORM TO SECTIONS 9.10.16. O.B.C.

SHEET INDEX

A0 COVER SHEET A1 SITE PLAN

MECHANICAL VENTILATION

DUCT ALL MECHANICAL VENTILATION TO OUTSIDE AIR AND INSULATE THROUGH UNHEATED SPACE. PROVIDE BACK FLOW DAMPERS AT DUCT END OF FAN.

INSTALL A HEAT RECOVERY VENTILATOR (H.R.V) CONNECTED TO A FORCED FLOW FURNACE COMPLETE WITH VENTILATION AND CIRCULATION FAN SWITCH

WHERE THE PRINCIPAL EXHAUST FAN CAPACITY EXCEEDS THE REQUIRED VENTILATION CAPACITY BY MORE THAN 50%. THE PRINCIPAL EXHAUST FAN CONTROL DEVICE SHALL INCLUDE PROVISION TO ALLOW REDUCTION OF THE AIR FLOW TO WITHIN +/- 10% OF

ALL WORK TO BE PERFORMED SHALL MEET O.B.C SECTION 9.33 & SECTION 6.2.4. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THE WORK OF THE MECHANICAL

NATURAL VENTILATION

INSULATION SHALL BE INSTALLED AND OTHER CONSTRUCTION WORK UNDERTAKEN IN A MANOR WHICH WILL NOT REDUCE THE FLOW OF AIR THRU VENTS OR THRU ANY PORTION OF THE ROOF SPACE OR ATTIC WHERE NECESSARY TO INSURE EFFECTIVE AIR CIRCULATION SPECIAL VENTING DEVICES SUCH AS DUCTS OR BAFFLES SHALL BE INSTALLED.

ROOF SPACE OR ATTICS ABOVE INSULATED CEILINGS SHALL BE VENTILATED WITH OPENINGS TO THE EXTERIOR HAVING A TOTAL UNOBSTRUCTED AREA OF NOT LESS THAN 1/300 OF THE INSULATED CEILING AREA (OF WHICH 1/2 IS TO BE LOCATED IN THE SOFFIT) SUCH VENTS SHALL BE LOCATED SO AS TO PROVIDE MAXIMUM EFFECTIVE AIR CIRCULATION AND IN RIDGE ROOFS APPROX. HALF OF THE TOTAL VENT AREA SHALL BE LOCATED AT OR NEAR THE RIDGE

ROUGH IN NEW FIXTURES CONNECTING TO EXISTING SERVICES. CONTRACTOR TO OBTAIN PLUMBING PERMIT ON BEHALF OF OWNER. ALL WORK TO BE PERFORMED BY A LICENSED PLUMBER

BRING POWER SUPPLY FROM NEW SERVICE TO NEW OUTLETS. ALL WORK TO BE PERFORMED SHALL

ALL NEW POWER RECEPTACLES (DUPLEX RECEPT, SWITCHES ETC.) TO STYLE SELECTED BY OWNERS

ROUGH IN NEW SWITCHES & LIGHT BOXES AS INDICATED ON DRAWINGS.

CONTRACTOR TO OBTAIN AND PAY FOR ELECTRICAL PERMIT ON BEHALF OF OWNER. ALL WORK TO BE

PRODUCTS OF COMBUSTION DETECTORS

ONTARIO BUILDING CODE 9 10 19

- A PRODUCT OF COMBUSTION DETECTOR OR DETECTORS OF THE SINGLE STATION ALARM TYPE SHALL BE INSTALLED AT THE CEILING IN EACH BEDROOM OR SLEEPING AREA AND BETWEEN BEDROOMS OR SLEEPING AREAS AND THE REMAINDER OF THE DWELLING UNIT SUCH AS IN HALLWAY OR CORRIDOR SERVING SUCH BEDROOMS OR SLEEPING AREAS AS SHOWN ON PERMIT PLANS.
- 2. THE PRODUCTS OF COMBUSTION DETECTORS AND ALARMS SHALL BE 2.1 UNDERWRITERS LABORATORIES OF CANADA LISTED AND LABELED
- 2.1 ORDERWINE ABOUNDINGS OF CHINADA LISTED AND LABELED.
 2.2 OF THE SINGLE STATION ALARM TYPE:
 2.3 AN IONIZATION P.O.C. DETECTOR OR SPOT TYPE PHOTOELECTRIC SMOKE DETECTOR.
 2.4 EQUIPPED WITH VISUAL INDICATION THAT THEY ARE IN OPERATING CONDITION.
- 2.5 CONNECTED TO THE BUILDING ELECTRICAL SUPPLY WITHOUT A DISCONNECT SWITCH 2.6 PERMANENTLY MOUNT TO A STANDARD ELECTRICAL OUTLET OR JUNCTION BOX ON THE CEILING.
 2.7 SEVERED BY A CIRCUIT NOT INTERCONNECTED TO ANY OUTLET AND
- 2.8 AUDIBLE WITHIN BEDROOMS WHEN INTERVENING DOORS ARE CLOSED

WHEN MORE THAN ONE SMOKE ALARM IS REQUIRED IN A DWELLING UNIT THE SMOKE ALARMS ALL BE WIRED SO THAT THE ACTIVATION OF ONE ALARM WILL CAUSE ALL ALARMS WITHIN THE DWELLING UNIT TO SOUND.

Committee of Adjustment Received | Recu le

2025-07-07

City of Ottawa | Ville d'Ottawa Comité de dérogation

GENERAL NOTES

1. DO NOT SCALE DRAWINGS.

2. ALL DIMENSIONS SHALL BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF WORK, ANY DISCREPANCIES SHALL BE BROUGHT TO DESIGNERS ATTENTION.

WINDOW SCHEDULE

Maximum U-value for all windows = 1.6 Material: PVC (See elevations for sizes)

PROPERTY INFO:

ZONING: MAX. HEIGHT = MIN. FRONT YARD SETBACK = MIN. REAR YARD SETBACK = MIN. INTERIOR SIDE YARD :

4. ALL TEMPORARY SHORING SHALL REMAIN IN PLACE UNTIL NEW STRUCTURAL MEMBERS ARE

5. ALL EXISTING SITE GRADING TO REMAIN. BACK AT NEW ADDITION TO MATCH EXISTING **BUILDING SLOPE.**

6. PROTECT EXISTING ASPHALT DRIVEWAY FROM DAMAGE.

DOOR SCHEDULE

Ontario Building Code Matrix Parts 3	& 9			OBC Reference
Project Description:		New		Part 9
Chang	ge of Use	Addition		1.1.2 [A] & 9.10.1.3
Major Occupancy(s):	Group C - Residential			9.10.2
Building Area (sm)	Existing: m ²	New: m ² Tot	al: m²	1.4.1.2.[A]
Gross Area (sm)	Existing: m ²	New: m ² Tot	al m²	1.4.1.2.[A]
Number of Storeys	Above Grade: 2	Below Grade:		1.4.1.2.[A] & 9.10.4
Number of Streets/Fire Fighter Acces	s: 1			9.10.2
Building Classification: Residentia	I Occupancy			9.10.2
Sprinkler System Proposed:	Not required			9.10.8.2
Standpipe Required	Yes	No 🔀		N/A
Fire Alarm Required	Yes	No 🔀		9.10.18
Water Service/Supply is Adequate	Yes 🔀	No		N/A
High Building	Yes	No 🔀		N/A
Construction Restrictions	Combustible permitted	Non-combustible permitted	⊠ Both	9.10.6
Actual Construction	Combustible	Non-combustible	⊠ Both	
Occupant load based on	sm/person des	ign of building 9.9.1.3(a)	9.9.1.3 (a)
2 (per sleeping room) x 6 bedroom(Al	pove Grade) O bedroom (E	Below Grade) = Occupant lo	ad of 12 (Above Grade)	
Barrier-free Design	Yes No	(Explain) Not require	d	9.5.2
Hazardous Substances	Yes No	\boxtimes		9.10.1.3.(4)



ROCKVILLE ENG INC 323 COVENTRY RD UNIT 7, OTTAWA K1K 3X6 TEL 613-710-7727 INFO@ROCKVILLEENGING COM

PROPOSED REAR SIDE BUILDING

293 MACLAREN ST,

COVER PAGE

C.ENENDU N.ECKERT C.ENENDU

DRAWING NO: SHEET: 1 of 6 01/06/2025

PROPOSED REAR SIDE ADDITION

293 MACLAREN STREET, OTTAWA

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2025-07-07

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EXISTING

N 31° 17' 20"W PROPERTY LINE 12.59m (41.31 ft) <u>10.36m (34 ft)</u> 0.55m (1.8 ft) **EXISTING ASPHALT DRIVEWAY 1** 59. 3.66m FRONT SETBACK **EASEMENT** (34 ft)= 3.0m35 18.23m (59'-10") 4.3m (14'-3") 12.2m (40'-0") 2.6m .69 2 10"E Z **EXISTING PARKING (7) SPACES** 7 5.2m x 2.6m Ŋ (3) .27m **EXISTING BUILDING SECTION TO BE** DEMOLISHED (3.2m x 3.4m) (50.09)293 **NEW ADDITION MACLAREN** /3,35m/(11'-0") ∄ 4.12m (13'-8") 5 PROPERTY LINE PROPERTY LINE **REAR SETBACK = 7.5m** ETBACK 6.7m (22'-0") .3m N 31° 20′ 30″W 33.53m (110 ft) **PROPERTY LINE**

287

MACLAREN

PROPERTY INFORMATION:

ZONING: R5B (491) H(19) MIN. FRONT YARD SETBACK: 3m MIN. REAR YARD SETBACK: 7.5m MIN. INTERIOR SETBACK: 1.2m PIN: 04118

EXISTING ADDITION (TO BE DEMOLISHED):

GROUND FLOOR: 13m2 (140 ft2) EXISTING GFA: 248m² (2670 ft²)

PROPOSED ADDITION:

GROUND FLOOR: 14m2 (150 ft2) TOTAL: 42m² (450 ft²)

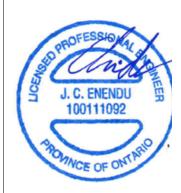




KEY PLAN

GENERAL NOTES:

EXISTING GRADE ELEVATIONS TO BE MAINTAINED POST CONSTRUCTION.
 CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
 DO NOT SCALE DRAWINGS.



	1			
	REVISION		DESCRIPTION	DATE
ĺ	CONSI	JLTANT:		
	39		DOCKVILLE ENGLING	



PROPOSED REAR SIDE BUILDING

293 MACLAREN ST,

DESIGN: DRAWN: APPROVED:
C.ENENDU N.ECKERT C.ENENDU SCALE AT A1: DATE: DRAWING NO: SHEET: 2 of 6

MACLAREN STREET

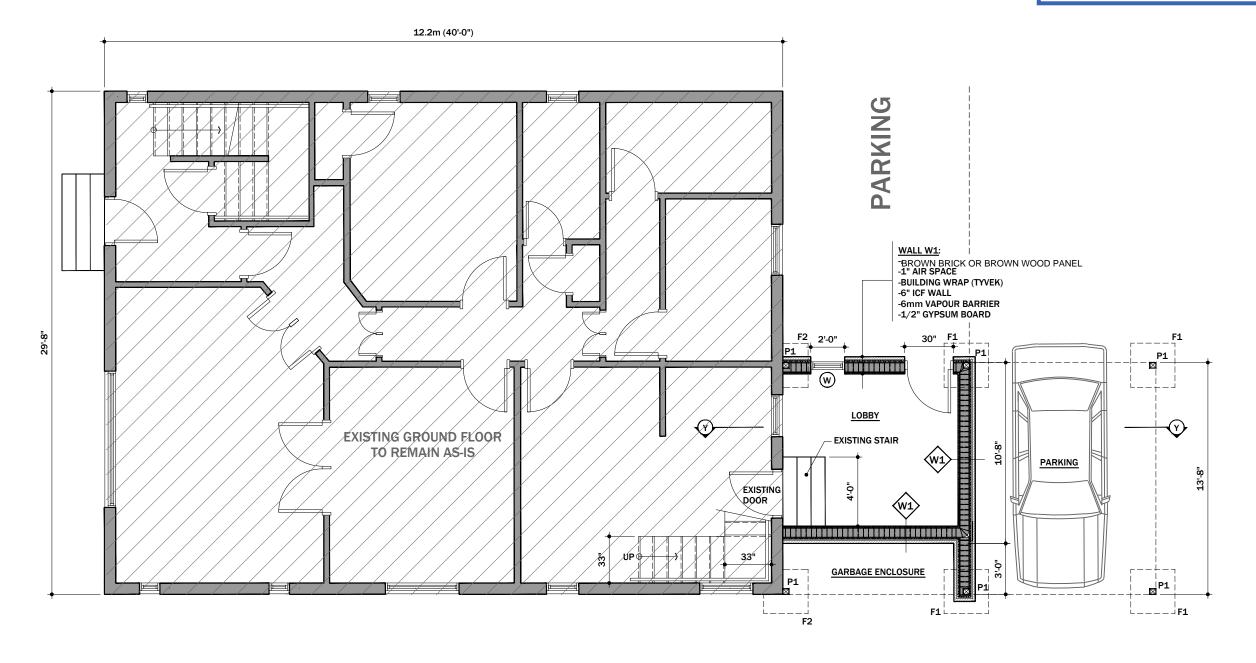
SITE PLAN

A1 | SCALE: 1: 64

Committee of Adjustment Received | Reçu le

2025-07-07

City of Ottawa | Ville d'Ottawa Comité de dérogation



KEY PLAN

ROCKVILLE ENG INC 323 COVENTRY RD UNIT 7, OTTAWA K1K 3X6 TEL 613-710-7727 INFO@ROCKVILLEENGINC.COM WWW.ROCKVILLEENGINC.COM

PROJECT: HOME ADDITION & REMODELLING

293 MACLAREN ST,

PROPOSED GROUND FLOOR LAYOUT WITH NEW ADDITION

DESIGN: DRAWN: APPROVED:
C.ENENDU N.ECKERT C.ENENDU SCALE AT A1: DATE: DRAWING NO: SHEET: 4 of 6

PROPOSED GROUND FLOOR LAYOUT WITH NEW ADDITION

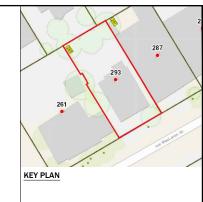
A2.1 SCALE: 1/2"=1'-0"

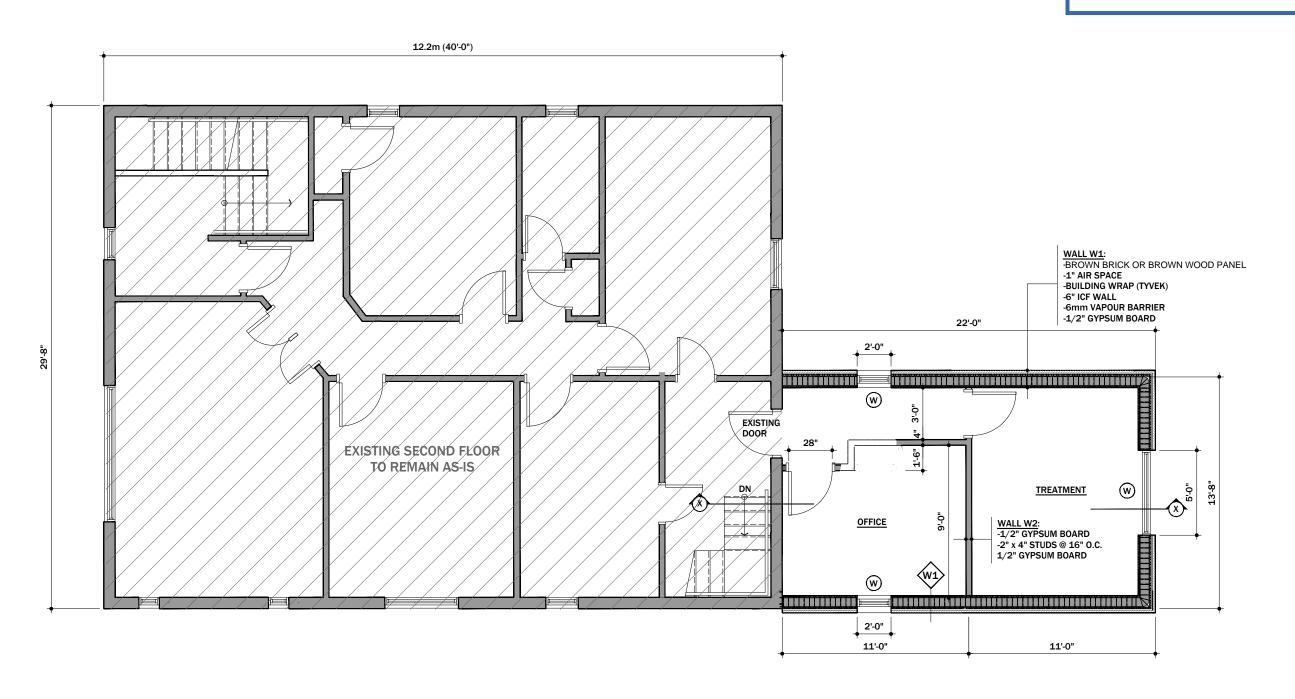
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1
REVISION DESCRIPTION



ROCKVILLE ENG INC
323 COVENTRY RD
UNIT 7, OTTAWA K 1K 3X6
TEL 613-710-7727
INFO@ROCKVILLEENGINC.COM
WWW.ROCKVILLEENGINC.COM

CLIENT

PROJECT: HOME ADDITION & REMODELLING

SITE:

293 MACLAREN ST, OTTAWA

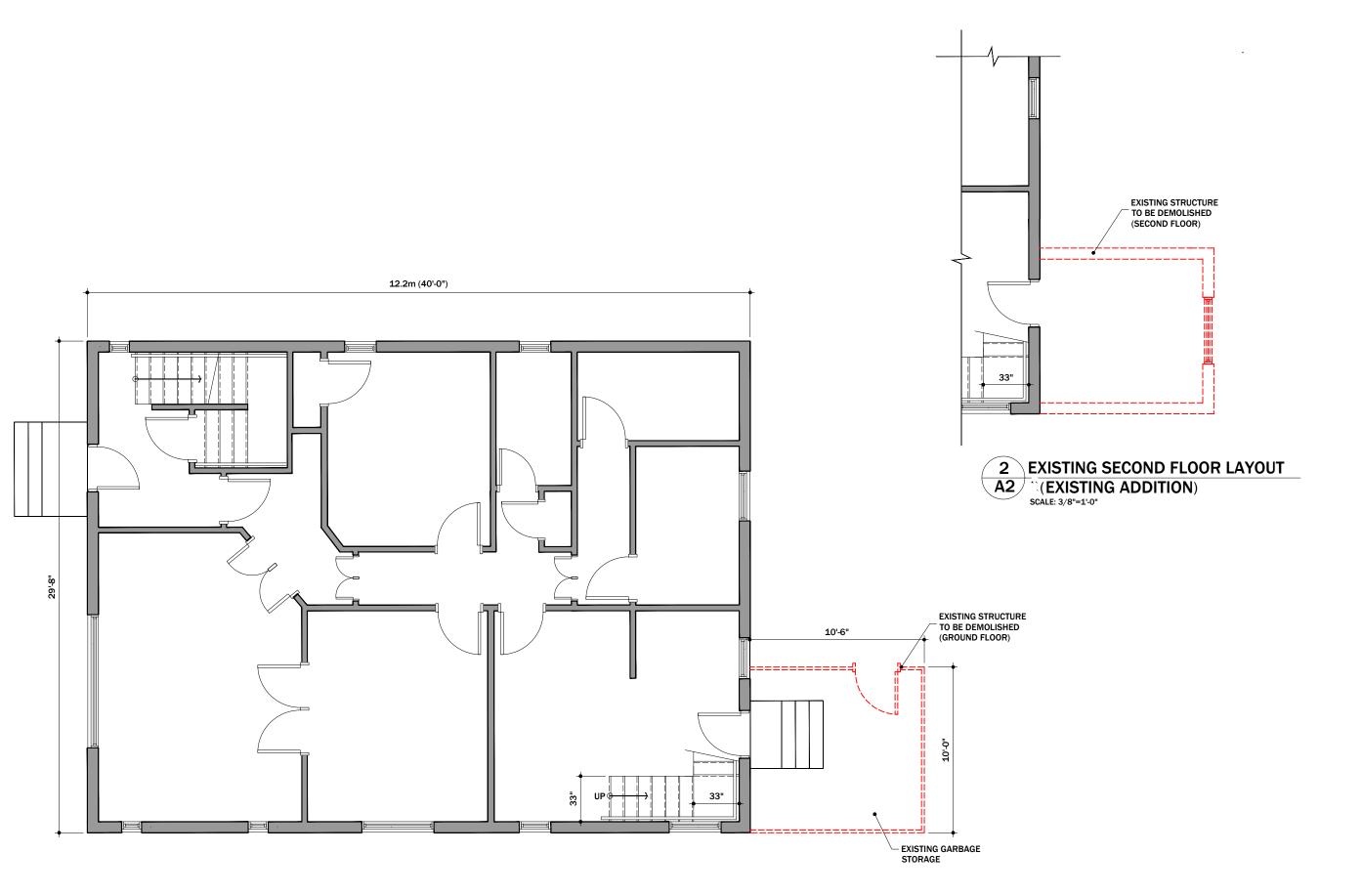
DRAWING

PROPOSED SECOND FLOOR LAYOUT WITH NEW ADDITION

| PROJECT NO. | DESIGN: DRAWN: C.ENENDU | DATE: | DATE

1 PROPOSED SECOND FLOOR LAYOUT WITH NEW ADDITION

A2.2 SCALE: 3/8"=1'-0"



1 EXISTING GROUND FLOOR LAYOUT & EXISTING ADDITION
A2 SCALE: 3/8"=1'-0"

EXISTING GROUND FLOOR
LAYOUT

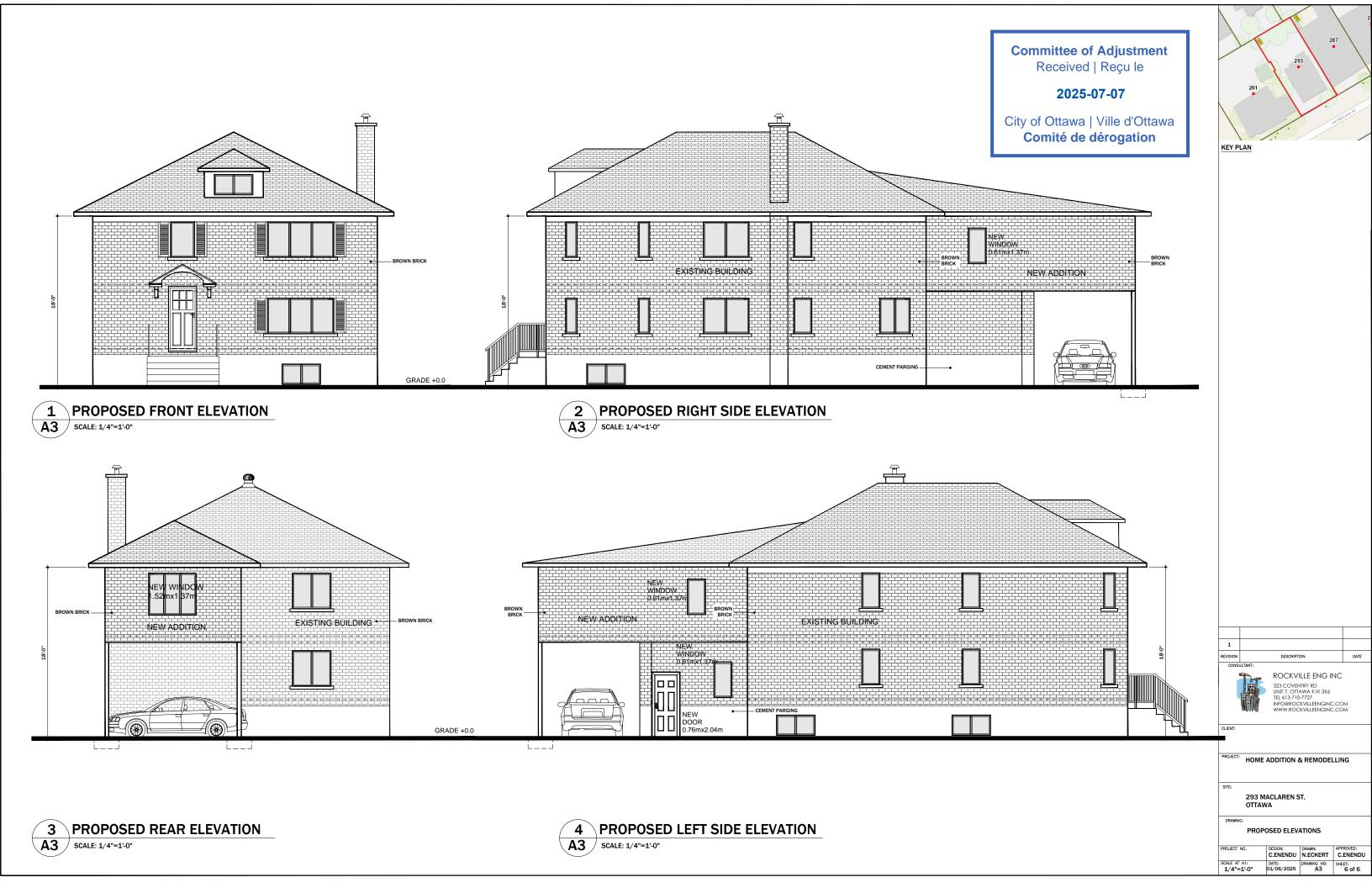
293 MACLAREN ST, OTTAWA

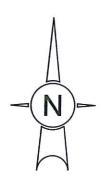
KEY PLAN

| PROJECT NO. | DESIGN: DRAWN: APPROVED: C.ENENDU N.ECKERT C.ENENDU SCALE AT A1: DATE: JOHNNIS NO: SHEET: 3 of 6

PROJECT: HOME ADDITION & REMODELLING

ROCKVILLE ENG INC
323 COVENTRY RD
UNIT 7, OTTAWA K1K 3X6
TEL 613-710-7727
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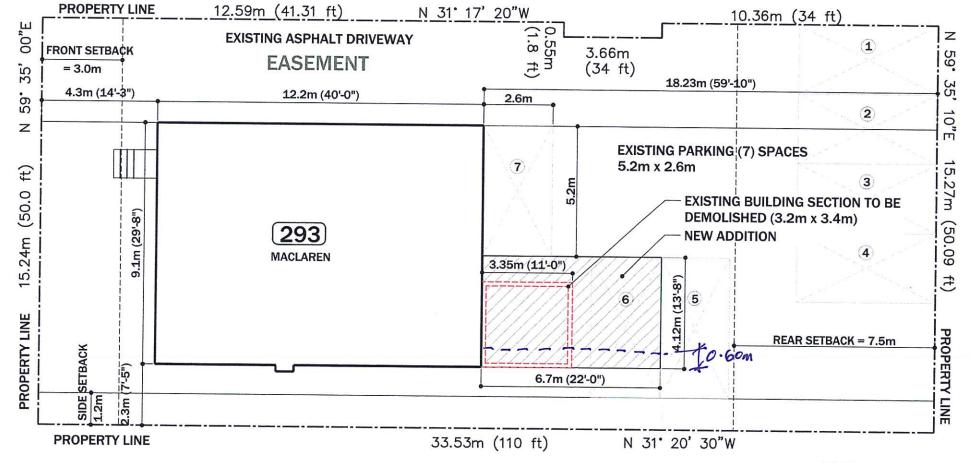
PROPOSED REAR SIDE ADDITION 293 MACLAREN STREET, OTTAWA

Committee of Adjustment JUN 2 7 2025 City of Ottawa

EXISTING



MACLAREN STREET



287

MACLAREN

PROPERTY INFORMATION:

ZONING: R5B (491) H(19) MIN. FRONT YARD SETBACK: 3m MIN. REAR YARD SETBACK: 7.5m MIN. INTERIOR SETBACK: 1.2m PIN: 04118

EXISTING ADDITION (TO BE DEMOLISHED):

GROUND FLOOR: 13m² (140 ft²) SECOND FLOOR: 13m² (140 ft²) 26m² (280 ft²) EXISTING GFA: 248m² (2670 ft²)

PROPOSED ADDITION:

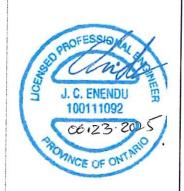
TOTAL: 42m² (450 ft²)



SCALE: 1:150 012345



GENERAL NOTES:



1		1
REVISION	DESCRIPTION	DATE
CLENT:	ROCKVILLE ENG 323 COVENIEY BD UNIT 7. OTTAWA S IK 3X6 TEL 613-710-7727 INFOREOCEVILLEENGIN WWW.ROCKVILLEENGIN	в Іс.сом
	ROPOSED REAR SIDE BUIL DDITION	DING
	93 MACLAREN ST, ITAWA	
DRAWING:	TE PLAN	

DESIGN: DRAWN: APPROVED:
C.ENENDU N.ECKERT C.ENENDU