

Building Services Division (905) 771-8810 Fax. (905) 771-5445

City of Richmond Hill

225 East Beaver Creek Road Richmond Hill, Ontario Canada, L4B 3P4

GENERAL NOTES (PART 9 - RESIDENTIAL)

PERMIT NO. **RM#24-00016**

All construction must comply with the Ontario Building Code (OBC) 2012 as amended, including but not limited to the following. As a minimum, the following requirements **shall** be incorporated in the final construction:

- All footings shall rest on natural undisturbed soil or compacted granular fill with a minimum bearing capacity of 75 KPa (1570 psf) unless known capacity is less and provided for in the foundation design.
- 2. Step footings shall have a maximum rise of 600 mm (23 5/8") for firm soils, 400 mm (15 3/4") for sand or gravel and a minimum horizontal run of 600 mm (23 5/8").
- 3. Concrete for exterior steps, garage and carport floors and all exterior flat work shall have a minimum compressive strength of 32 MPa (4650 psi) at 28 days, with air entrainment of 5 to 8%. Concrete floors with no damp proofing shall have a minimum compressive strength of 25 MPa (3000 psi). All other concrete to be 15MPa (2200 psi).
- 4. Foundations and the soil beneath them shall be protected against freezing during winter construction. Where foundation walls require permanent lateral support, the wall shall be braced or laterally supported before backfilling.
- When the unsupported height of a foundation wall exceeds 3.0 m (9'-10"), the wall shall be designed by an engineer in accordance with OBC Part 4
- Exterior concrete stairs with more than 2 steps shall be supported on unit masonry, concrete walls or piers not less than 150x150 (6"x6") with footings at 1.2 m (4') below grade.
- 7. Where the top of a foundation wall is reduced in thickness to permit the installation of masonry exterior facing, the reduced section shall be not less than 90 mm (3 ½") thick and tied to the facing material with metal ties conforming to Sentence 9.20.9.4. (3), spaced not more than 200 mm (7 7/8") o.c. vertically and 900 mm (2'-11") o.c. horizontally. The space between the wall and masonry veneer shall be filled with mortar.
- 8. Provide continuous lateral support to top flange of all steel beams. Steel beams shall have minimum 90 mm (3 1/2") bearing length. Connections to other steel beams shall have a minimum of 2-M20 (3/4" dia.) A325 steel bolts or a full welded connection (with full shear capacity of beam). Steel beams supported on wood shall be designed by an Engineer.
- Provide solid blocking support under all point loads and continue down to the foundation. Built-up columns shall comply with OBC 9.23.10.7.
 For engineered systems, follow manufacturer's specifications for correct blocking and bearing requirements.
- 10. Refer to the approved engineered layout drawings for engineered floor joist and roof truss systems, including beams and supports. Follow manufacturers specifications for bridging, bracing, bearing and connection requirements for built up beams or joists.
- 11. Tie the lower ends of roof rafters with continuous horizontal ties to the opposing rafters unless lateral thrust is otherwise specifically designed for.
- 12. Guards shall be constructed in accordance with Supplementary Standard 7 of the OBC or in conformance with OBC Part 4 (including design loads on guards). Min. guard height to comply with OBC 9.8.8. All guards to be non-climbable.
- All masonry veneer ties shall be corrosion-resistant, minimum of 0.76 mm (0.03") thick, 22 mm (7/8") wide and be spaced in accordance with Table 9.20.9.5 of the OBC
- 14. Ceramic floor tile and its supporting floor shall be constructed in accordance to OBC 9.30.6.
- 15. For insulation values, window and door U-values and efficiency of appliances refer to SB-12 requirements: Prescriptive or Performance design or values specified by Energy Star requirements.
- 16. Foundation walls enclosing heated spaces shall be insulated to not more than 8" above the basement slab and an approved drainage layer is required on the exterior.
- 17. Exterior Insulated Finished System (EIFS) over wood framed wall and other moisture sensitive substrates shall consist of dual barrier with drained joints (DB/DJ). They shall be constructed in accordance to OBC 9.27.13 and shall conform to CAN/ULC-S716.1. All other exterior applied stucco finishes shall be constructed in accordance with OBC 9.28.
- 18. Stairs serving a house or dwelling unit shall have min. headroom of 1950 mm (6'-5"), min. width of 860 mm (2'-10"), max. rise of 200 mm (7 7/8") & min. 125 mm (4 7/8") and a min. run of 255 mm (10"). Tapered stairs shall have a min. average run of 255 mm (10") at the point of 300mm measured from the center of the handrail. The tolerance of stair dimensions shall conform to OBC 9.8.4.4. Secure stair stringers at top and bottom.

- 19. Basement ceiling height shall be min. 2.1 m. (6'-11") over at least 75% of the area and 1.95 m. (6'-5") under beams and ducts.
- 20. Every floor level containing a bedroom shall be provided with at least 1 outside window with an operable unobstructed opening having a minimum area of 0.35 sq. m. (3.8 sq. ft.), with no dimension less than 380 mm (15"). Every floor level, requiring travel of more than 1 storey to an exit door, shall be provided with an unobstructed escape window opening of not less than 1 m. (3'-3") in height and 0.55 m (21 5/8") in width with the sill not more than 1 m (3'-3") above the floor and 7 m. (23') above adjacent ground level or that floor shall be provided with a balcony. Except for basement locations, all windows shall have a maximum sill height of 1 m. (3'-3") above the floor.
- Provide window protection to minimize the hazard to children in accordance with OBC 9.7.1.6.
- 22. Exterior walls, which are less than 1.2 m (4'-0") from the lot line, shall have no unprotected opening and be constructed with a ¾ hr. fire resistance rating. These walls shall be rated from the interior. Exterior walls, which are less than 0.6 m (2'-0") from the lot line, shall in addition have non-combustible cladding.
- 23. All entrance doors, doors between the dwelling unit and the attached garage, patio doors and windows within 2m (6'-7") of adjacent ground level shall conform to OBC Subsections 9.6.8 & 9.7.6 'Resistance to Forced Entry'.
- 24. Roof vents shall be provided on the basis of 1 sq. ft./300 sq. ft. of insulated ceiling area. Where the roof slope is less than 1 in 6 or in cathedral ceilings, roof vents shall be provided on the basis of 1 sq. ft./150 sq. ft. of insulated ceiling area. Roof vents shall be uniformly distributed to ventilate each roof space with a minimum of 25% of the required vent space to be located at the top and the bottom of the roof.
- 25. Eave protection is required, beneath the start strip, from the edge of the roof to a minimum distance of 900 mm (3'-0") up the roof slope to not less than 300 mm (12") inside the inner face of the exterior wall on shingled, shake or tile roofs except as provided by 9.26.5.1.(2).
- 26. Foamed plastic insulation shall be protected with interior finishes according to OBC 9.10.17.10.
- 27. The wall and ceiling between an attached garage and the dwelling unit shall be constructed and sealed so as to provide an effective barrier to exhaust fumes. Door between the garage and the dwelling unit shall be tight fitting, weather-stripped and equipped with a self closing device.
- 28. Smoke alarms shall be provided on each floor level and be located within each bedroom. Smoke alarms shall be interconnected and hard wired with no disconnect switch. Smoke alarms are required to have a visual signaling component conforming to NFPA 72.
- 29. A carbon monoxide detector conforming to CAN/CGA-6.19 or UL 2034 shall be installed on every building containing a fuel burning appliance or an attached garage in conformance with the OBC 9.33.4.
- 30. In addition to the above carbon monoxide detectors, Town of Richmond Hill By-law No. 245-99 requires that a carbon monoxide detector, equipped with an alarm that is audible within bedrooms when the intervening doors are closed and conforming to CAN/CGA-6.19 or UL 2034, be installed in accordance with the manufacturer's instructions in every dwelling unit. Where the carbon monoxide detector is electrically powered, it must be approved by the Canadian Standards Association and be equipped with a visual indicator indicating that it is in operating condition and have NO switch between the carbon monoxide alarm and the power distribution panel.
- 31. A mechanical ventilation system is required in every dwelling. An exhaust only' ventilation system is permitted only where forced air heating is used, there is no electric heating or fireplace (other than a direct vent gas fireplace), and where a mechanically vented induced draft or direct vented furnace and hot water tank are used. A ventilation system with a heat recovery ventilator or Part 6 design is required in all other cases.
- 32. All exterior doors greater than 600mm above grade which do not exit onto a deck shall be permanently adjusted to prevent opening as per 9.6.4.1(2) of the OBC or be guarded as per 9.8.8 of the OBC
- 33. The main bathroom shall have stud reinforcement to accommodate future installation of grab bars adjacent to water closets and shower or bathtub as per OBC 9.5.2.3.
- 34. Slopes on roof surfaces shall comply with OBC 9.26.3.1.
- 35. Windows shall comply with OBC 9.7
- 36. Exhaust ducts connected to laundry drying equipment shall comply with OBC 6.2.3.8. (7)

FOUNDATION WALLS WITH ENGINEEED JOISTS OVER 16' SPANS 24"x8" CONCRETE STRIP FOOTINGS BELOW FOUNDATION WALLS.

FOOTINGS ON ENGINEERED FILL

24"x8" CONCRETE STRIP FOOTINGS WITH REINFORCING

BELOW EXTERIOR WALLS.

30"x8" CONCRETE STRIP FOOTINGS WITH REINFORCING BELOW PARTY WALLS.

(REFER TO FOOTING DETAILS ON ENGINEERED FILL)

ASSUME THE LARGER FOOTING SIZE WHEN TWO CONDITIONS APPLY

ASSUMED 120 KPa (18 p.s.i.) SOIL BEARING CAPACITY OR 90 KPa ENGINEERED SOIL FILL, TO BE VERIFIED ON SITE, by a soil engineer reg

PAD FOOTINGS

20 KPa NATIVE SOIL

90 KPa ENGINEERED FILL SOIL FI = 48"×48"×20" CONCRETE PAI F2 = 40"×40"×26" CONCRETE PAI F3 = 34"×34"×14" CONCRETE PAI F4 = 28"×28"×12" CONCRETE PAI

FI = 42"x42"x<mark>23"</mark> CONCRETE PAD F2 = 36"x36"x<mark>16"</mark> CONCRETE PAD F3 = 30"x30"x<mark>13"</mark> CONCRETE PAD F4 = 24"x24"x12" CONCRETE PAD F5 = 16"x16"x8" CONCRETE PAD F5 = I8"xI8"x8" CONCRETE PAD

REFER TO FLOOR PLAN FOR UNUSUAL SIZE PADS NOT ON CHART)

BRICK VENEER LINTELS

WLI = 3-1/2"x3-1/2"x1/4"L (90x90x6.0L) + 2-2"x8" SPR. No.2 ML2 = 4"x3-1/2"x5/16"L (100x90x8.0L) + 2-2"x8" SPR. No.2 ML3 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 2-2"x10" SPR. No.2 ML4 = 6"x3-1/2"x5/16"L (150x90x10.0L) + 2-2"x12" SPR. No.2 ML5 = 6"x4"x3/8"L (150x100x10.0L) + 2-2"x12" SPR. No.2 ML6 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 2-2"x12" SPR. No.2

MLT = 5"x3-1/2"x5/16"L (125x90x8.0L) + 3-2"x10" SPR. No.2 ML8 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 3-2"x12" SPR. No.2 ML9 = 6"x4"x3/8"L (150x100x10.0L) + 3-2"x12" SPR. No.2

LINTELS AND BEAMS

MBI = 2-2"x8" SPR. No.2 (2-38x184 SPR. No.2)
MB2 = 3-2"x8" SPR. No.2 (3-38x184 SPR. No.2)
MB3 = 2-2"x10" SPR. No.2 (2-38x235 SPR. No.2) MB4 = 3-2"xI2" SPR. No.2 (3-38x285 SPR. No.2)
MB5 = 2-2"xI2" SPR. No.2 (2-38x286 SPR. No.2)
MB6 = 3-2"xI2" SPR. No.2 (3-38x286 SPR. No.2)
MB7 = 5-2"xI2" SPR. No.2 (5-38x286 SPR. No.2)

MBII = 4-2"x10" SPR. No.2 (4-38x235 SPR. No.2) WBI2 = 4-2"x12" SPR. No.2 (4-38x286 SPR. No.2)

LAMINATED VENEER LUMBER (LVL) BEAMS

LVLIA = I-I 3/4" x 7 I/4" (I-45xl84) LVLI = 2-I 3/4" x 7 I/4" (2-45xl84)

LVLI = 2-I 3/4" x 7 I/4" (2-45xl84) LVL2 = 3-I 3/4" x 7 I/4" (3-45xl84) LVL3 = 4-I 3/4" x 9 I/2" (1-45x240) LVL4A = 1-I 3/4" x 9 I/2" (1-45x240) LVL5 = 3-I 3/4" x 9 I/2" (3-45x240) LVL5A = 4-I 3/4" x 9 I/2" (3-45x240) LVL5A = 4-I 3/4" x 9 I/2" (4-45x240) LVL6A = 1-I 3/4" x II 7/8" (1-45x300) LVL6 = 2-I 3/4" x II 7/8" (3-45x300) LVL7A = 4-I 3/4" x II 7/8" (4-45x300) LVL7A = 4-I 3/4" x II 7/8" (4-45x300) LVL9 = 3-I 3/4" x II 7/8" (3-45x356) LVL9 = 3-I 3/4" x II 7/8" (3-45x356) LVL9 = 3-I 3/4" x II 7/8" (3-45x356) LVL9 = 2-I 3/4" x I8" (3-45x356)

LVLIO = 2-1 3/4" x 18" (3-45x456)

LVL BEAMS SHALL BE VERSA-LAM 2.0E (Fb=2800psi MIN.) OR EQUIVALENT.

GLUE-LAMINATED LUMBER BEAMS

GLUI = 3 1/8" X || 7/8" (80 x 300) GLU2 = 5 1/8" X || 7/8" (130 x 300)

LOOSE STEEL LINTELS

DOOR SCHEDULE

2'-2"

6'-8'

LI = 3-1/2"x3-1/2"x1/4"L (90x90x6.0L) L2 = 4"x3-1/2"x5/16"L (100x90x8.0L) L3 = 5"x3-1/2"x5/16"L (125x90x8.0L)

L4 = 6"x3-1/2"x3/8"L (150x90x10.0L)

L6 = 7"x4"x3/8"L (175x100x10.0L)

HEIGHT IO' OR MORE TYPE CEILING CEILING INSULATED ENTRANCE DOOR INSULATED FRONT DOORS 2'-8" 6'-8' 8'-0" 2'-8" 2'-8" 8'-0" 8'-0" WOOD & GLASS DOOR 23456 6'-8' EXTERIOR SLAB DOOR 8'-0" 8'-0" 2'-8" 6'-8" INTERIOR SLAB DOOR 2'-6"

INTERIOR SLAB DOOR

INTERIOR SLAB DOOR

8'-0"

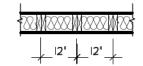
SPACE CONVENTIONAL FLOOR JOISTS @ 12" O.C. BELOW ALL CERAMIC TILE AREAS. PROVIDE I ROW BRIDGING FOR SPANS OF 5'-7', 2 ROWS FOR SPANS GREATER THAN 7'

REFER TO ROOF TRUSS SHOP DRAWINGS FOR ALL ROOF FRAMING INFORMATION

PLANS NOT DRAWN TO ACTUAL GRADE. REFER TO FINAL GRADING PLAN.

REFER TO FLOOR FRAMING SHOP DRAWINGS FOR ENGINEERED FRAMING LAYOUTS

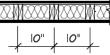
2-2"x6" STUD WALL NAILED TOGETHER AND SPACED @12" O.C. FULL HT C/M SOLID BLOCKING 4'-O" O.C. VERTICAL AND 7/16" EXT. PLYWOOD SHEATHING.



NOTE: MAXIMUM HEIGHT OF WALL FOR THIS DETAIL IS 18'-O"

TWO STORY HEIGHT WALL DETAIL

STUD WALL GLUED AND NAILED TOGETHER AND SPACED MAX. @10"O.C. FULL HT C/M SOLID BLOCKING MAX. &'-0"O.C. VERTICAL AND 1/16" EXT. OSB SHEATHING.

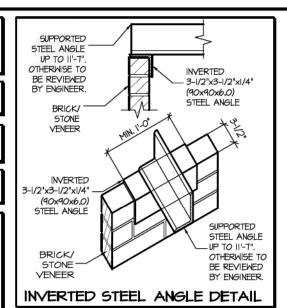


MAXIMUM HEIGHT OF WALL FOR THIS DETAIL IS 20'-2" AND MAXIMUM WIDTH IS 40'-0"

TWO STORY HEIGHT WALL DETAIL

FOLLOWING	Refer to EEDS
COMPLIA	NCE PACKAGE "AI"

COMPONENT	NOTE
CEILING WITH ATTIC SPACE	10.57
MINIMUM RSI (R) VALUE	(R60)
CEILING WITHOUT ATTIC SPACE	5.46
MINIMUM RSI (R) VALUE	(R31)
EXPOSE FLOOR	5.46
MINIMUM RSI (R) VALUE	(R3I)
WALLS ABOVE GRADE	3,87
MINIMUM RSI (R) VALUE	(R22)
BASEMENT WALLS	352
MINIMUM RSI (R) VALUE	(R20 BLANKET)
HEATED SLAB OR SLAB ≤ 600mm BELOW GRADE MINIMUM RSI (R) VALUE	1.76 (RIO)
WINDONG & SLIDING GLASS DOORS	ENERGY RATING = 25,
MAXIMUM U-VALUE	MAX. U=0.28
SPACE HEATING EQUIPMENT MINIMUM AFUE	96%
HRV MINIMUM EFFICIENCY	75%
HOT WATER TANK	MIN. EF 0.80



AREA CALCULATIONS		ELE	EV. I
GROUND FLOOR AREA	=	1523	Sq. Ft.
SECOND FLOOR AREA	11	1692	Sq. Ft.
TOTAL FLOOR AREA	=	32 5	Sq. Ft.
		298.68	Sq. M.
IST FLOOR OPEN AREA	=	0	Sq. Ft.
2ND FLOOR OPEN AREA	=	15	Sq. Ft.
ADD TOTAL OPEN AREAS	=	15	Sq. Ft.
ADD FIN. BASEMENT AREA	=	0	Sq. Ft.
GROSS FLOOR AREA	=	3230	Sq. Ft.
		300.08	Sq. M.
GROUND FLOOR COVERAGE	=	1523	Sq. Ft.
GARAGE COVERAGE /AREA	=	417	Sq. Ft.
PORCH COVERAGE / AREA	=	63	Sq. Ft.
TOTAL COVERAGE W PORCH	=	2003	Sq. Ft.
	=	186.08	5q. m.
TOTAL COVERAGE WO PORCH	=	1940	Sq. Ft.
	=	180.23	5q. m.

AREA CALCULATIONS			ELE	V. 2
GROUND FLOOR AREA	=		1517	Sq. Ft.
SECOND FLOOR AREA	=		1706	Sq. Ft.
TOTAL FLOOR AREA	=		3223	Sq. Ft.
			299.43	Sq. M.
IST FLOOR OPEN AREA	=	0		Sq. Ft.
2ND FLOOR OPEN AREA	=	15		Sq. Ft.
ADD TOTAL OPEN AREAS	=		l5	Sq. Ft.
ADD FIN. BASEMENT AREA	=		0	Sq. Ft.
GROSS FLOOR AREA	=		3238	Sq. Ft.
GROSS FLOOR AREA	=		3238 300.82	
GROSS FLOOR AREA GROUND FLOOR COVERAGE	=			
	=		300.82	Sq. M.
GROUND FLOOR COVERAGE	=		300.82 1517	Sq. M. Sq. Ft.
GROUND FLOOR COVERAGE GARAGE COVERAGE /AREA	=		300.82 1517 417	Sq. M. Sq. Ft. Sq. Ft.
GROUND FLOOR COVERAGE GARAGE COVERAGE /AREA PORCH COVERAGE / AREA	= =		300.82 5 7 4 7 64	Sq. M. Sq. Ft. Sq. Ft. Sq. Ft.
GROUND FLOOR COVERAGE GARAGE COVERAGE /AREA PORCH COVERAGE / AREA	= = =		300.82 5 7 4 7 64 2098	Sq. M. Sq. Ft. Sq. Ft. Sq. Ft. Sq. Ft.

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AREA CALCULATIONS			⊏∟⊏	·V. 3
GROUND FLOOR AREA	=		1517	Sq. Ft.
SECOND FLOOR AREA	=		1692	Sq. Ft.
TOTAL FLOOR AREA	=		3209	Sq. Ft.
			298.13	Sq. M.
IST FLOOR OPEN AREA	=	0		Sq. Ft.
2ND FLOOR OPEN AREA	=	15		Sq. Ft.
ADD TOTAL OPEN AREAS	=		15	Sq. Ft.
ADD FIN. BASEMENT AREA	=		0	5q. Ft.
GROSS FLOOR AREA	=		3224	Sq. Ft.
			299.52	Sq. M.
GROUND FLOOR COVERAGE	=		1517	Sq. Ft.
GARAGE COVERAGE /AREA	=		417	Sq. Ft.
PORCH COVERAGE / AREA	=		63	Sq. Ft.
TOTAL COVERAGE W PORCH	=		1997	Sq. Ft.
	=		85.53	Sq. m.
TOTAL COVERAGE WO PORCH	=		1934	
	=		179.67	Sq. m.

ADEA CALCII ATIONS

CAROL 12		ELEV.I		COMPLAINCE PACKAGE 'AI'			
ELEVATION	WALL FT ²	WALL MT ²	OPENING FT2	OPENING MT2	PERCENTAGE		
FRONT	719.37	66.83	82.51	7.67	11.47 %		
LEFT SIDE	1177.50	109.39	250.72	23.29	21.29 %		
RIGHT SIDE	1192.38	110.78	50.62	4.70	4.25 %		
REAR	784.72	72.90	152.99	14.21	19.50 %		
TOTAL	3873.97	359.90	536.84	49.87	13.86 %		

CAROL 12		ELEV.2		COMPLAINCE PACKAGE 'AI'			
ELEVATION	WALL FT2	WALL MT ²	ALL MT ² OPENING FT ² OPENING MT ²		PERCENTAGE		
FRONT	719.37	66.83	115.72	10.75	16.09 %		
LEFT SIDE	1177.50	109.39	232.12	21.56	19.71 %		
RIGHT SIDE	1192.38	110.78	50.62	4.70	4.25 %		
REAR	784.72	72.90	152.99	14.21	19.50 %		
TOTAL	3873.97	359.90	551.45	51.23	14.23 %		

CAROL 12		ELEV.3		COMPLAINCE PACKAGE 'AI'			
ELEVATION	N WALL FT ² WALL MT ² OPENING FT ²		OPENING MT2	PERCENTAGE			
FRONT	719.37	66.83	106.60	9.90	14.82 %		
LEFT SIDE	1177.50	109.39	271.12	25.19	23.03 %		
RIGHT SIDE	1192.38	110.78	50.62	4.70	4.25 %		
REAR	784.72	72.90	152.99	14.21	19.50 %		
TOTAL	3873.97	359.90	581.33	54. <i>0</i> I	15.01 %		

OPTIONAL 8'-6" FOUNDATION POUR HEIGHT

- 10" THICK CONCRETE FOUNDATION WALLS (15 MPa)
- BASEMENT FLOOR TO FLOOR HEIGHT
 - 9½" FLOOR JOISTS = 9'-2" (2.79m) HEIGHT
- II %" FLOOR JOISTS = 9'-4" (2.84m) HEIGHT - BASEMENT STAIRS
- 15 RISERS (EXTRA RISER ADDED TO BASE OF STAIR)

THE ENGINEER OF RECORD SHALL PROVIDE THE BUILDING INSPECTOR WITH A FIELD REVIEW REPORT



08/20/2024 REVISED KER

It is the builder's complete responsibility to ensure that all plans submitted for approva fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Contro Architect is not responsible in any way for examining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any house can be properly built or located on its lot This is to certify that these plans comply with the applicable Architectural Desigr Guidelines approved by the City of Richmond Hill.

W Architect Inc. **DESIGN CONTROL REVIEW** NOV. 01, 2023 FINAL BY: All:

CAROL 12

COMPLIANCE PACKAGE "A1"

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5.			Γ				
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3.							
2.			F				
1.	BASED ON ROSEWOOD 12 FROM RUSSELL GARDENS II	DEC 2022	۱ ا				
	REVISIONS						

The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirer out in the Ontario Building Code to be a designer. QUALIFICATION INFORMATION

Required unless design is exempt under Division C. Subsection 3.2.5 of the building code 28770 VIKAS GAJJAR SIGNATURE NAME

REGION DESIGN INC. 8700 DUFFERIN ST. CONCORD, ONTARIO L4K 4S6 P (416) 736-4096 F (905) 660-0746

REGION **ESIGN**

AREA CHARTS AREA MB 3/16"=1'-0"

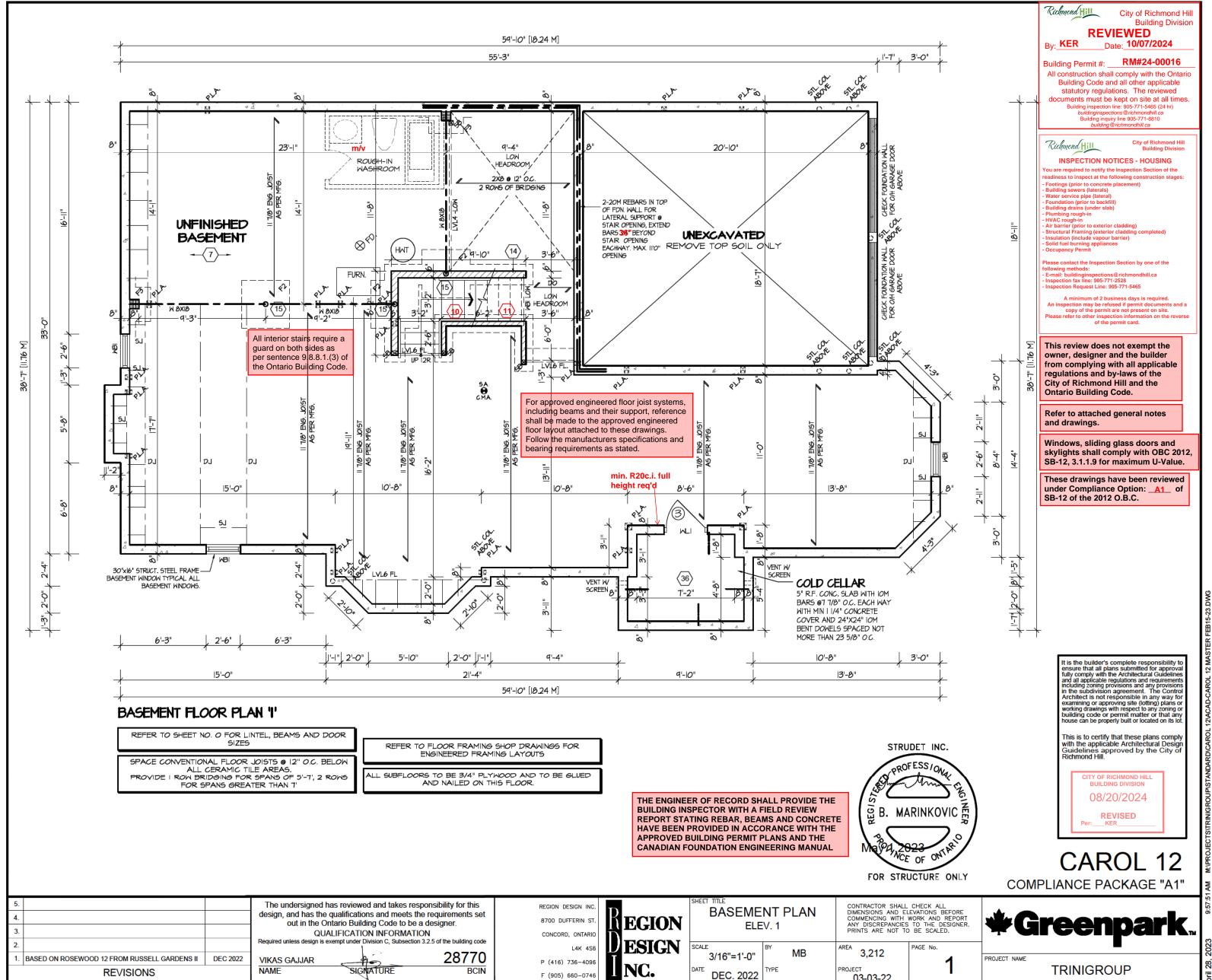
DEC. 2022

CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED. 3,212 0

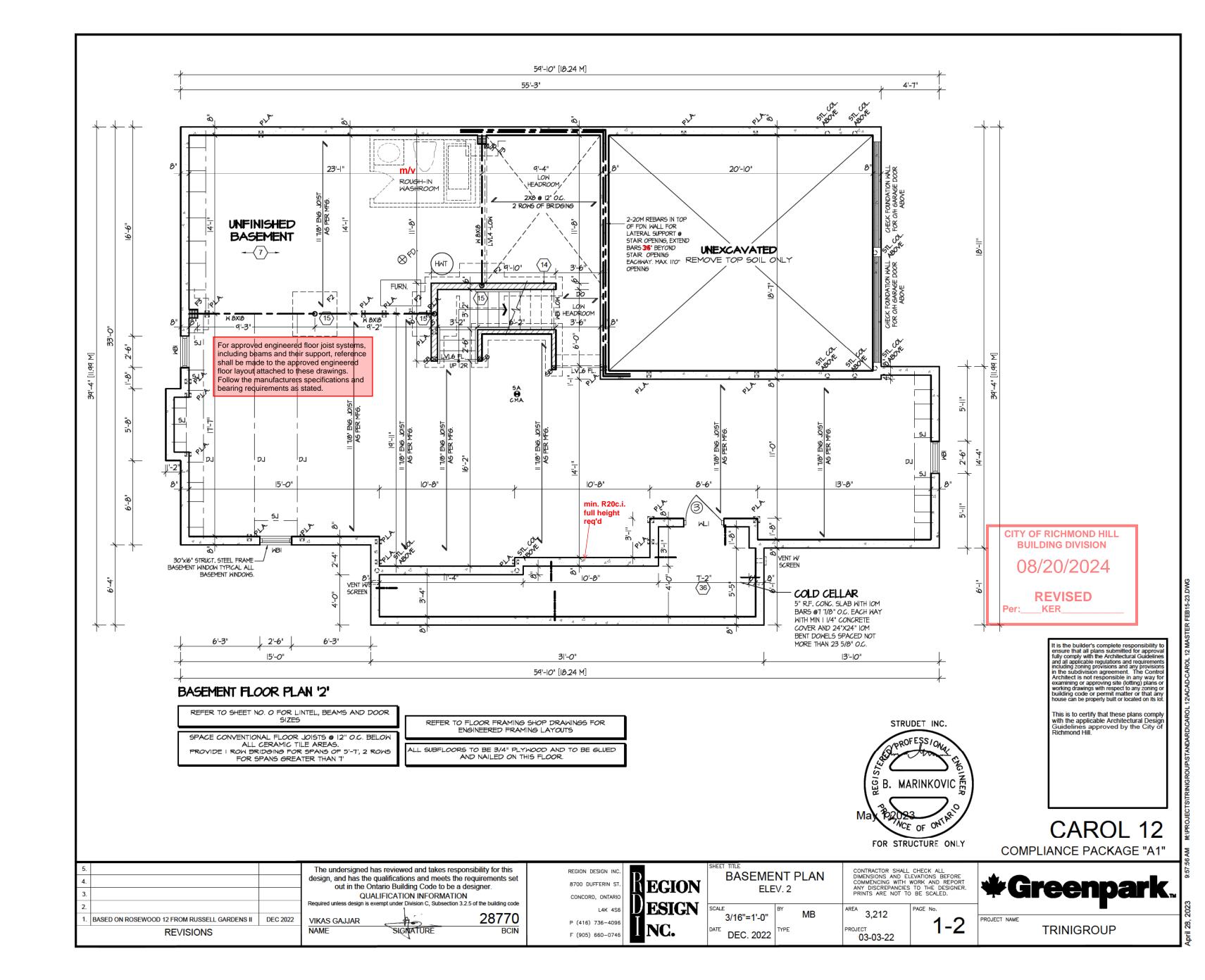
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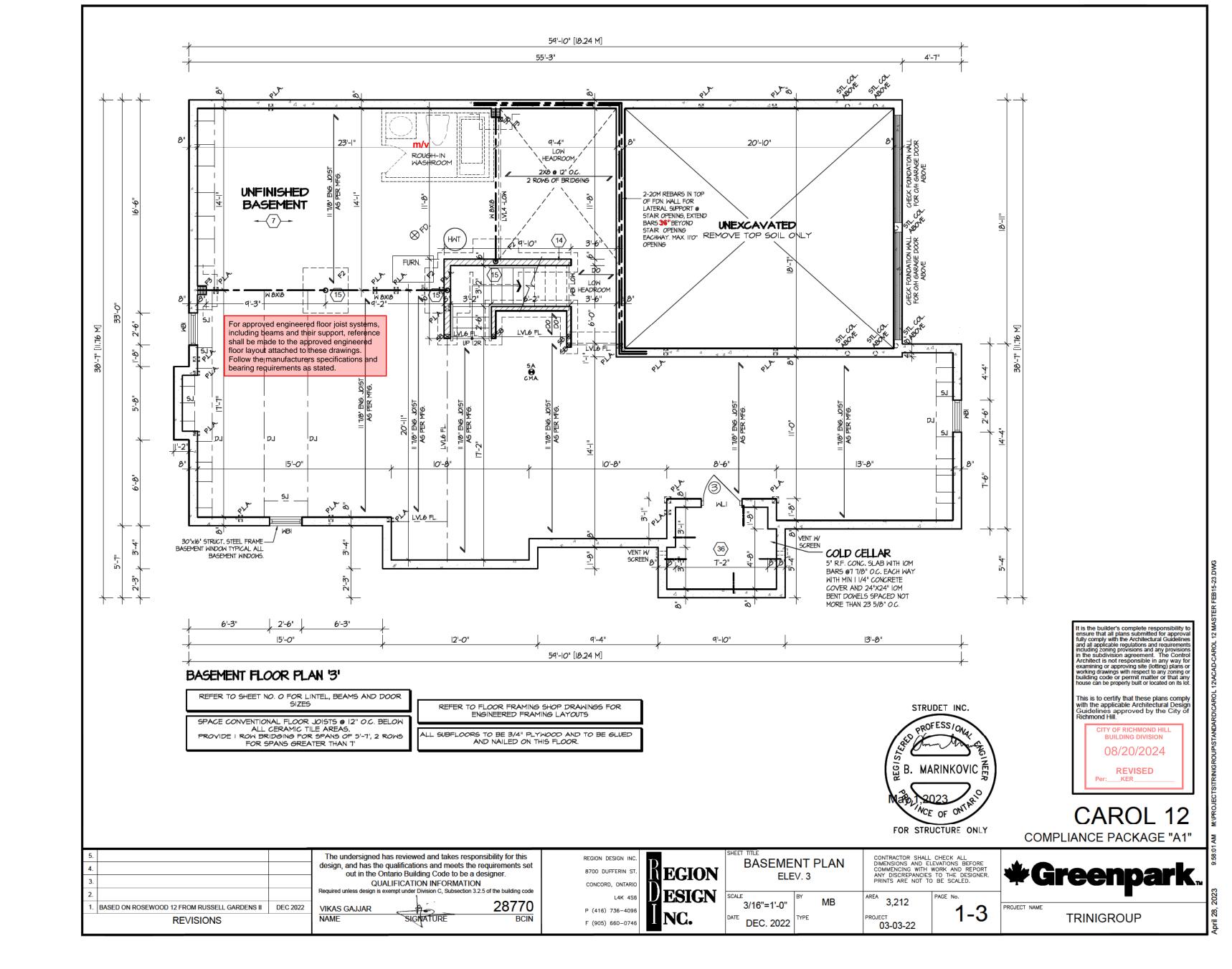
^rGreenpark

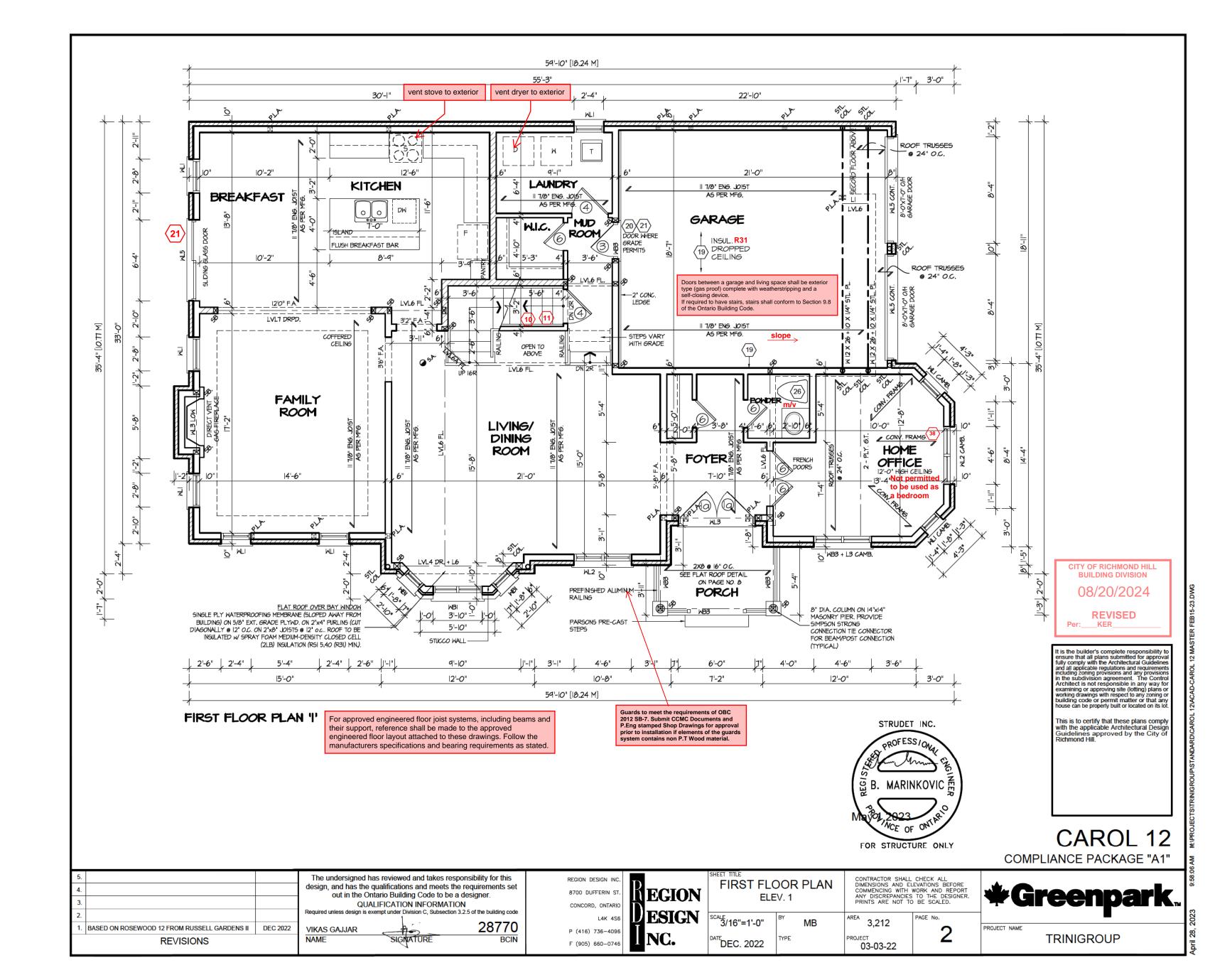
PROJECT NAME TRINIGROUP

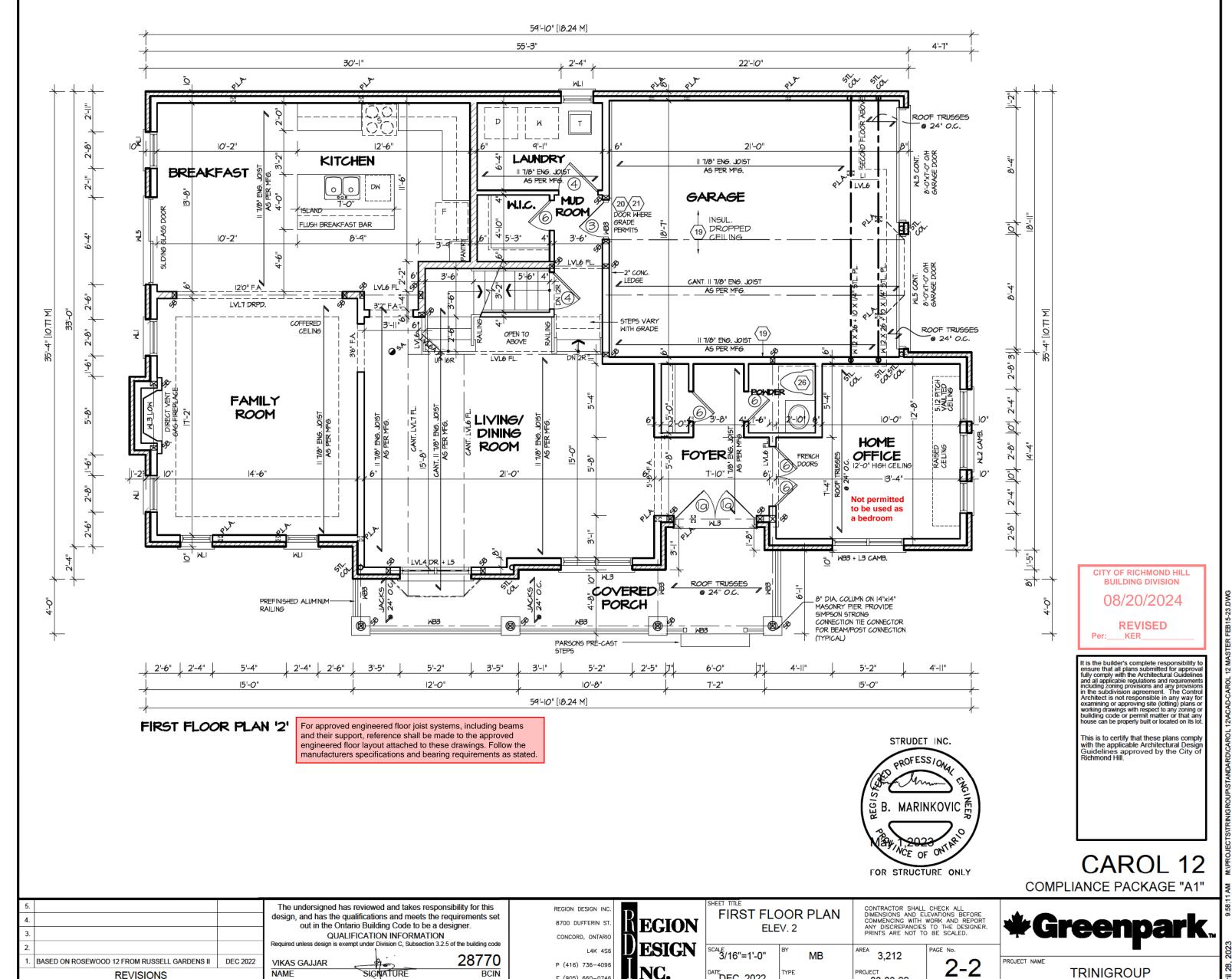


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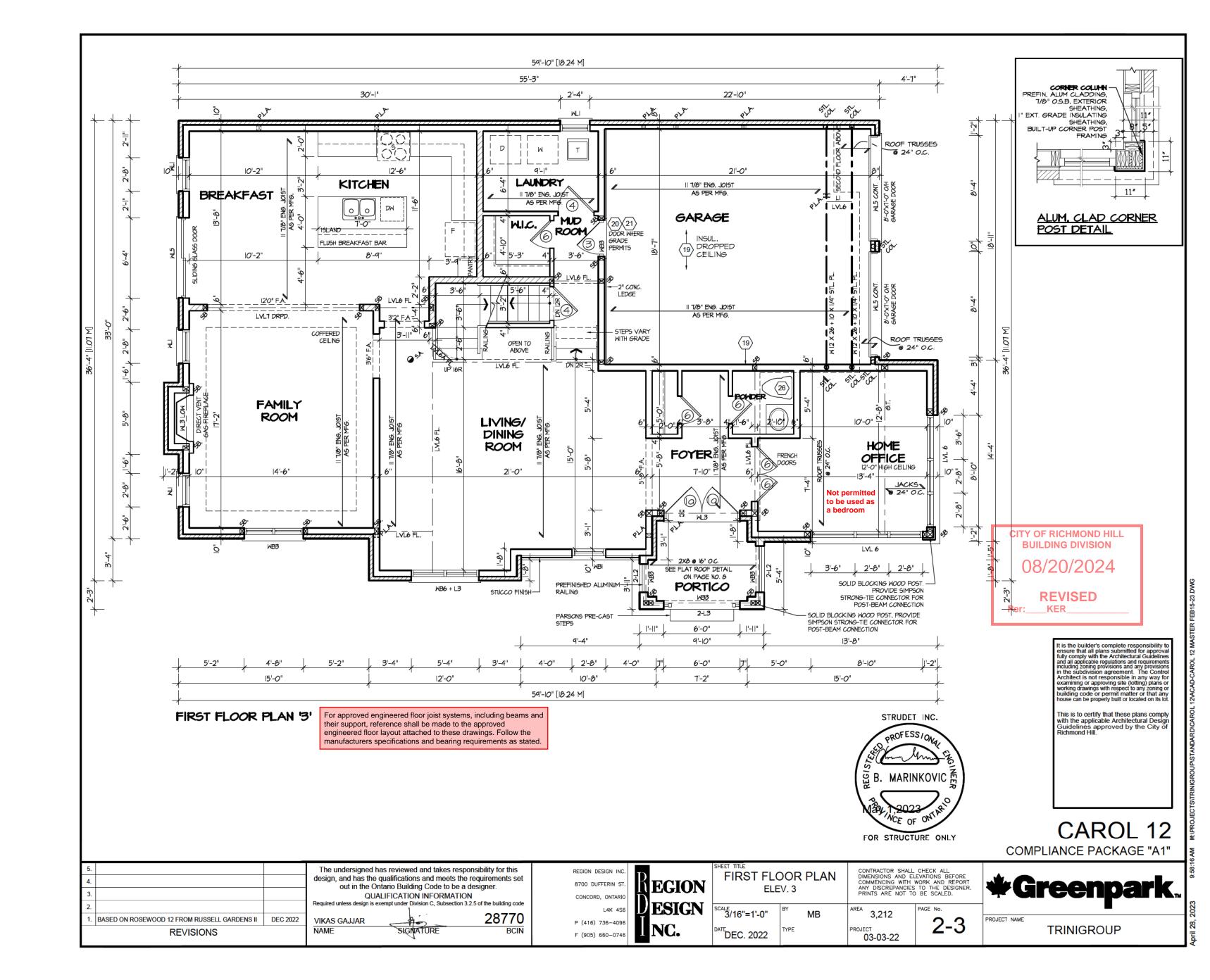
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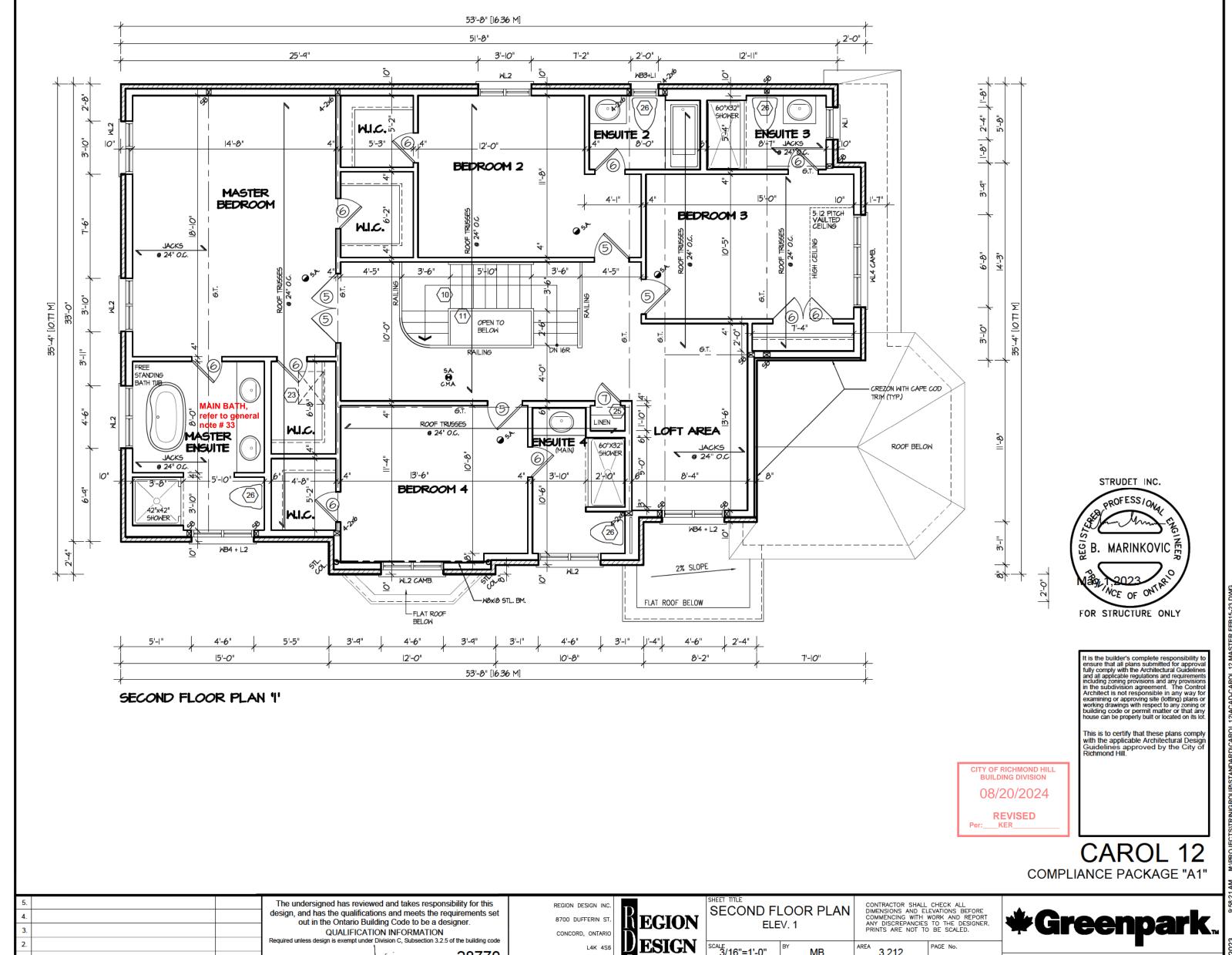
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P (416) 736-4096

F (905) 660-0746

28770

BASED ON ROSEWOOD 12 FROM RUSSELL GARDENS II DEC 2022

REVISIONS

VIKAS GAJJAR

NAME

CALE 3/16"=1'-0"

DEC. 2022

MB

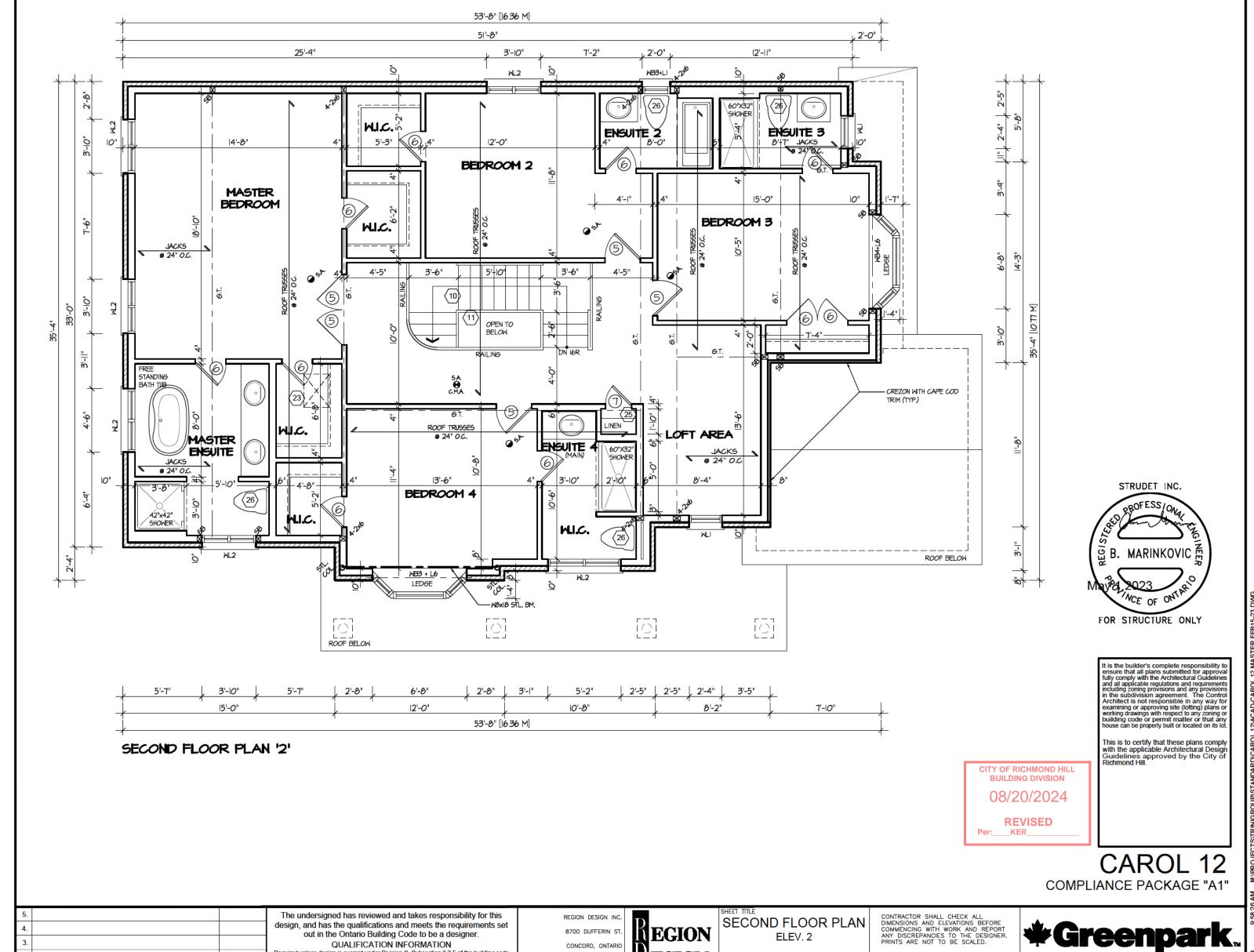
3,212

03-03-22

3

PROJECT NAME

TRINIGROUP



ESIGN

3/16"=1'-0"

DEC. 2022

3,212

03-03-22

3-2

PROJECT NAME

TRINIGROUP

MB

L4K 4S6

P (416) 736-4096

F (905) 660-0746

rision C, Subsection 3.2.5 of the building code

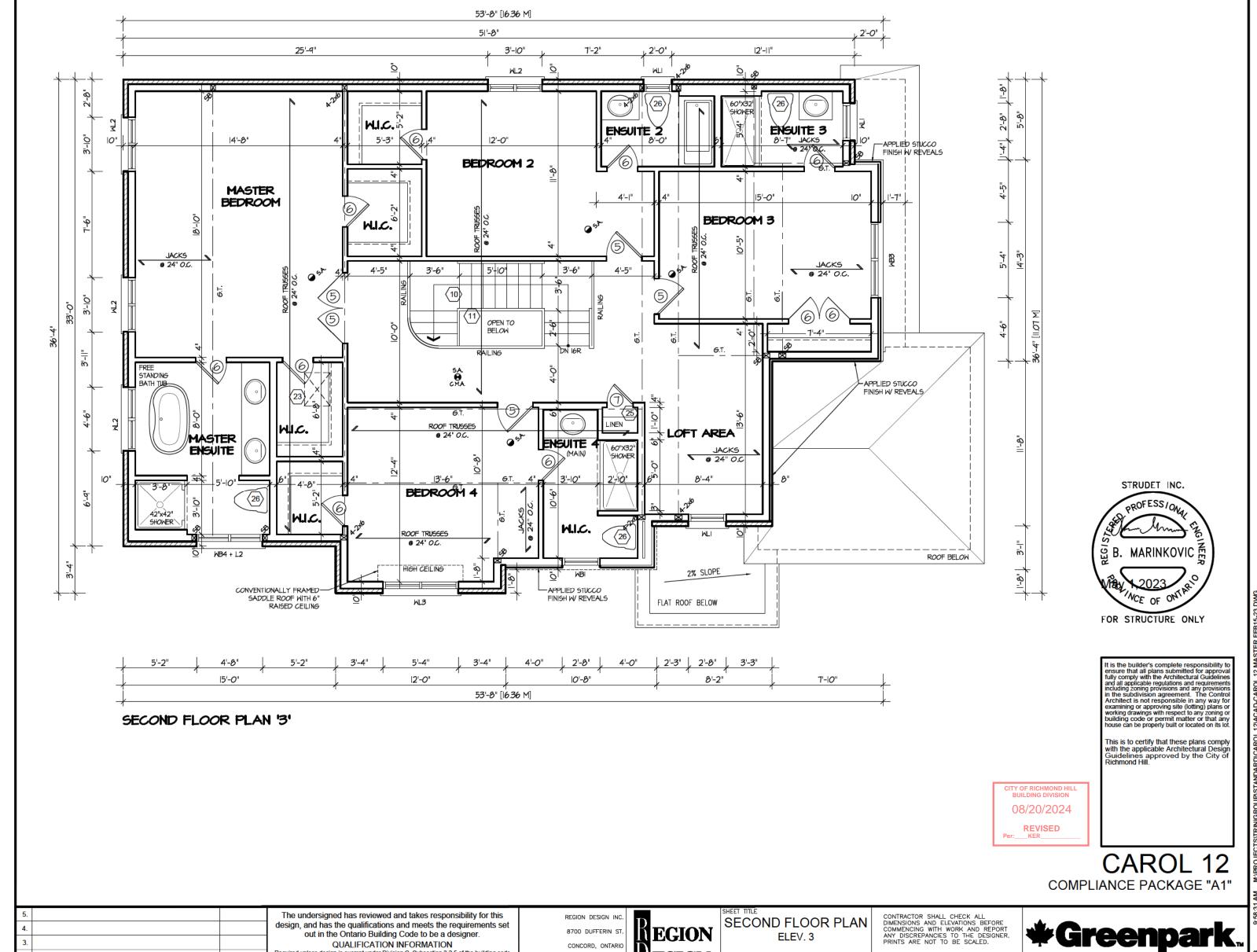
VIKAS GAJJAR

NAME

BASED ON ROSEWOOD 12 FROM RUSSELL GARDENS II DEC 2022

REVISIONS

28770



CONCORD, ONTARIO

P (416) 736-4096

F (905) 660-0746

L4K 4S6

sion C, Subsection 3.2.5 of the building code

VIKAS GAJJAR

NAME

BASED ON ROSEWOOD 12 FROM RUSSELL GARDENS II DEC 2022

REVISIONS

28770

ESIGN

CALE 3/16"=1'-0"

DEC. 2022

3,212

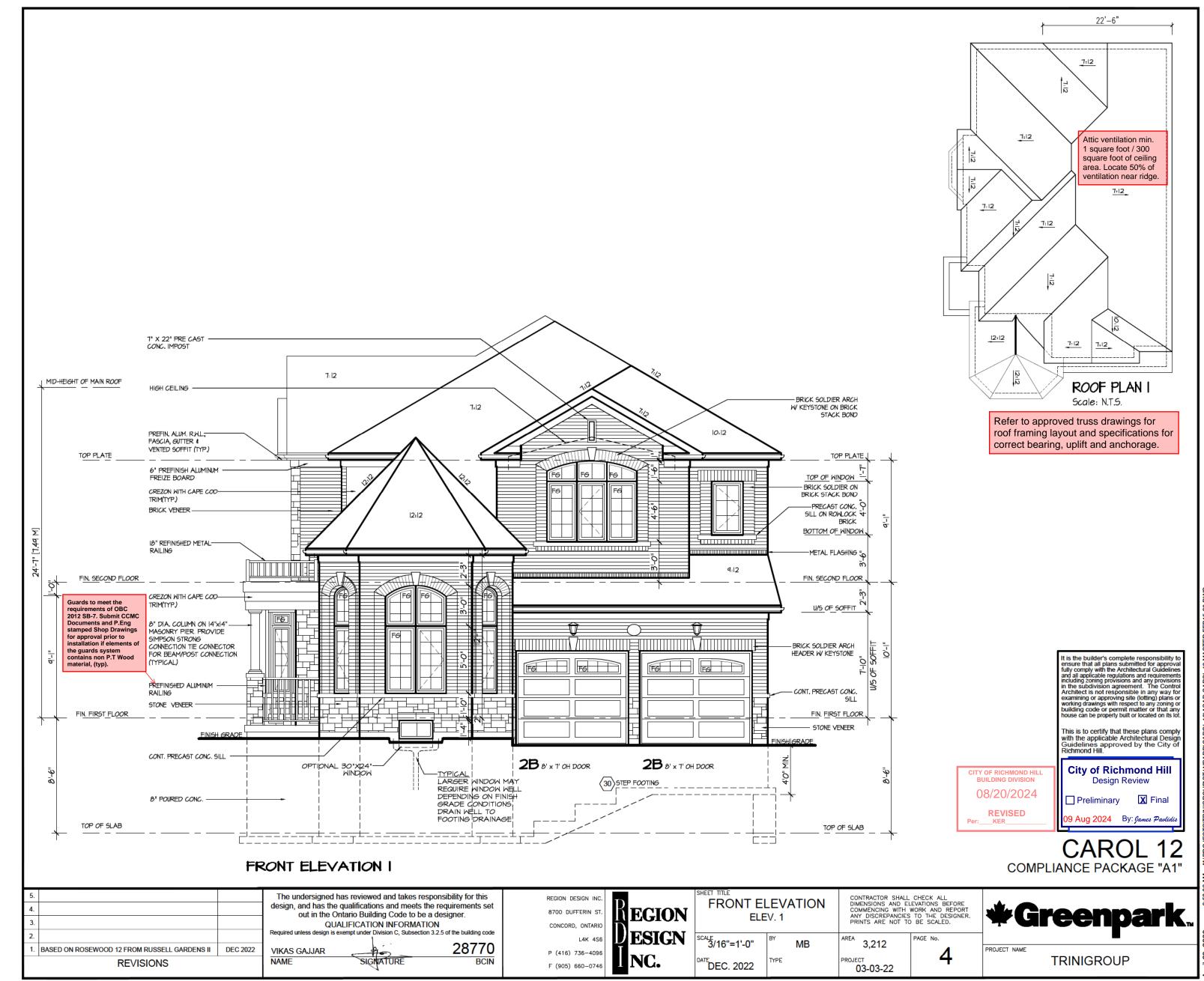
03-03-22

3-3

PROJECT NAME

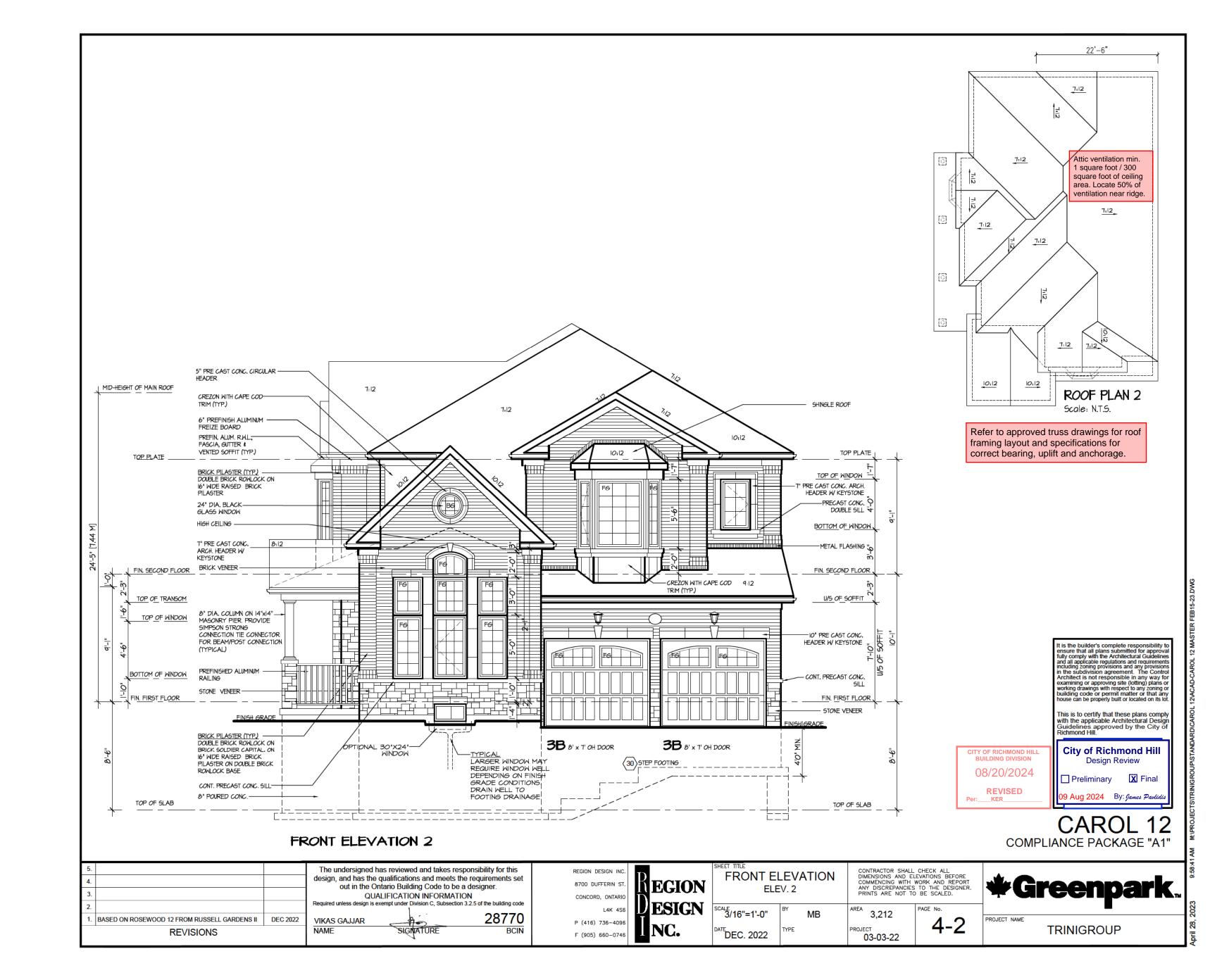
TRINIGROUP

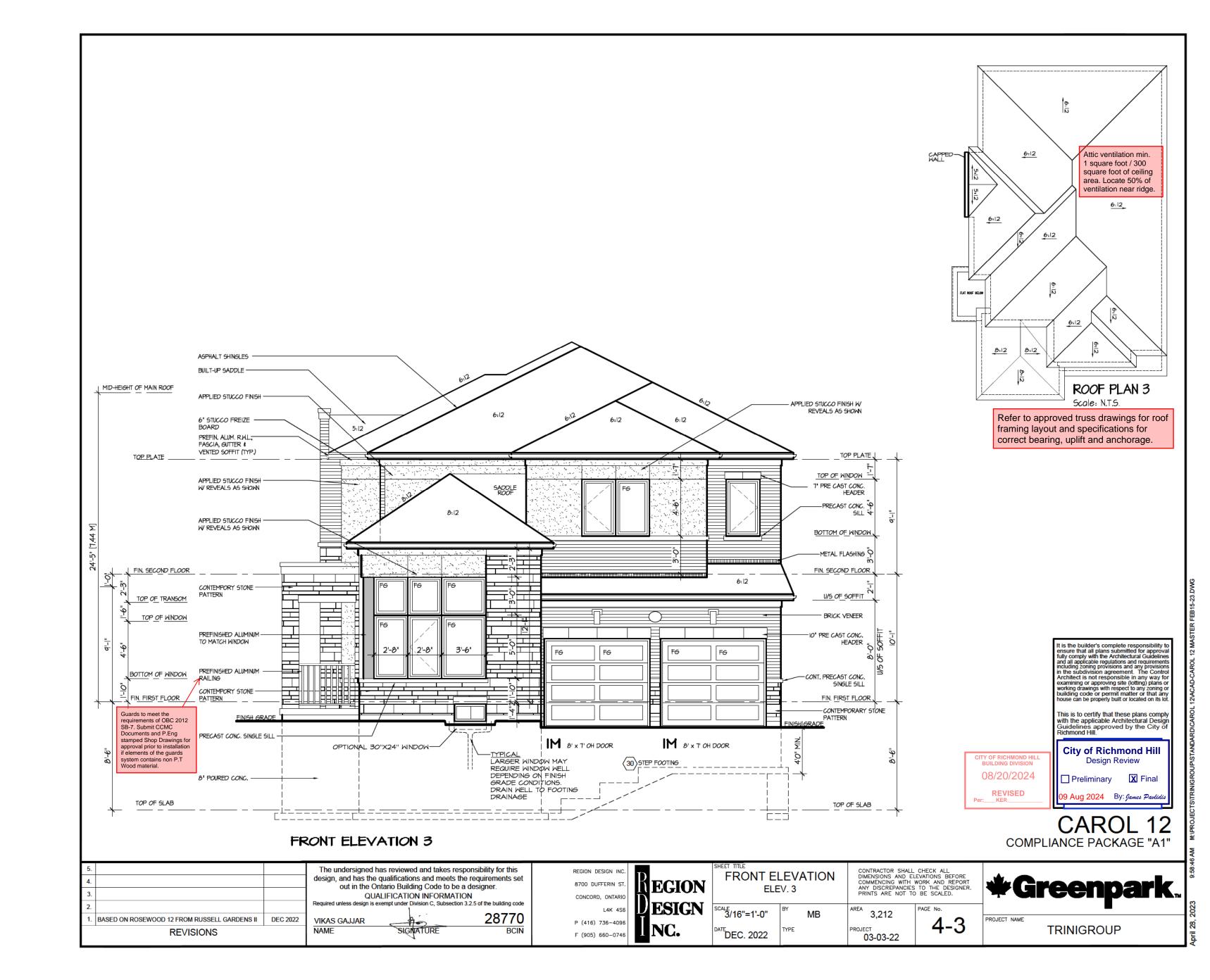
MB



INPROJECTSITRINIGROUPISTANDARDICAROL 12/ACAD-CAROL 12 MASTER FEB15-23

28, 2023 9:58:3







CONCORD, ONTARIO

P (416) 736-4096

F (905) 660-0746

L4K 4S6

Required unless design is exempt under Division C, Subsection 3.2.5 of the building code

VIKAS GAJJAR

NAME

BASED ON ROSEWOOD 12 FROM RUSSELL GARDENS II DEC 2022

REVISIONS

28770

ESIGN

3/16"=1'-0"

DEC. 2022

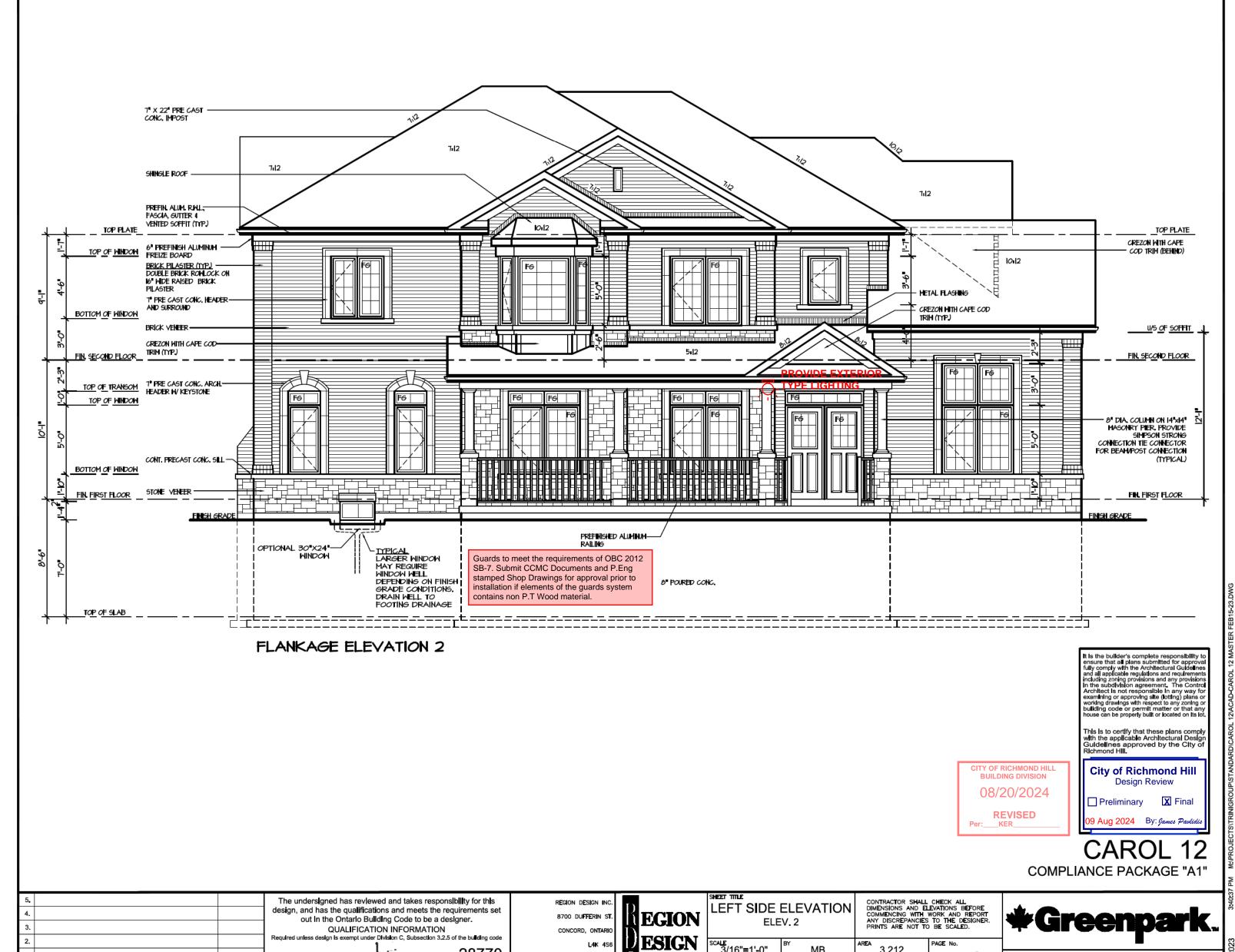
3,212

03-03-22

PROJECT NAME

TRINIGROUP

5



L4K 4S6

P (416) 736-4096

F (905) 660-0746

28770

1. BASED ON ROSEWOOD 12 FROM RUSSELL GARDENS II DEC 2022

REVISIONS

VIKAS GAJJAR

NAME

3/16"=1'-0"

TDEC. 2022

MB

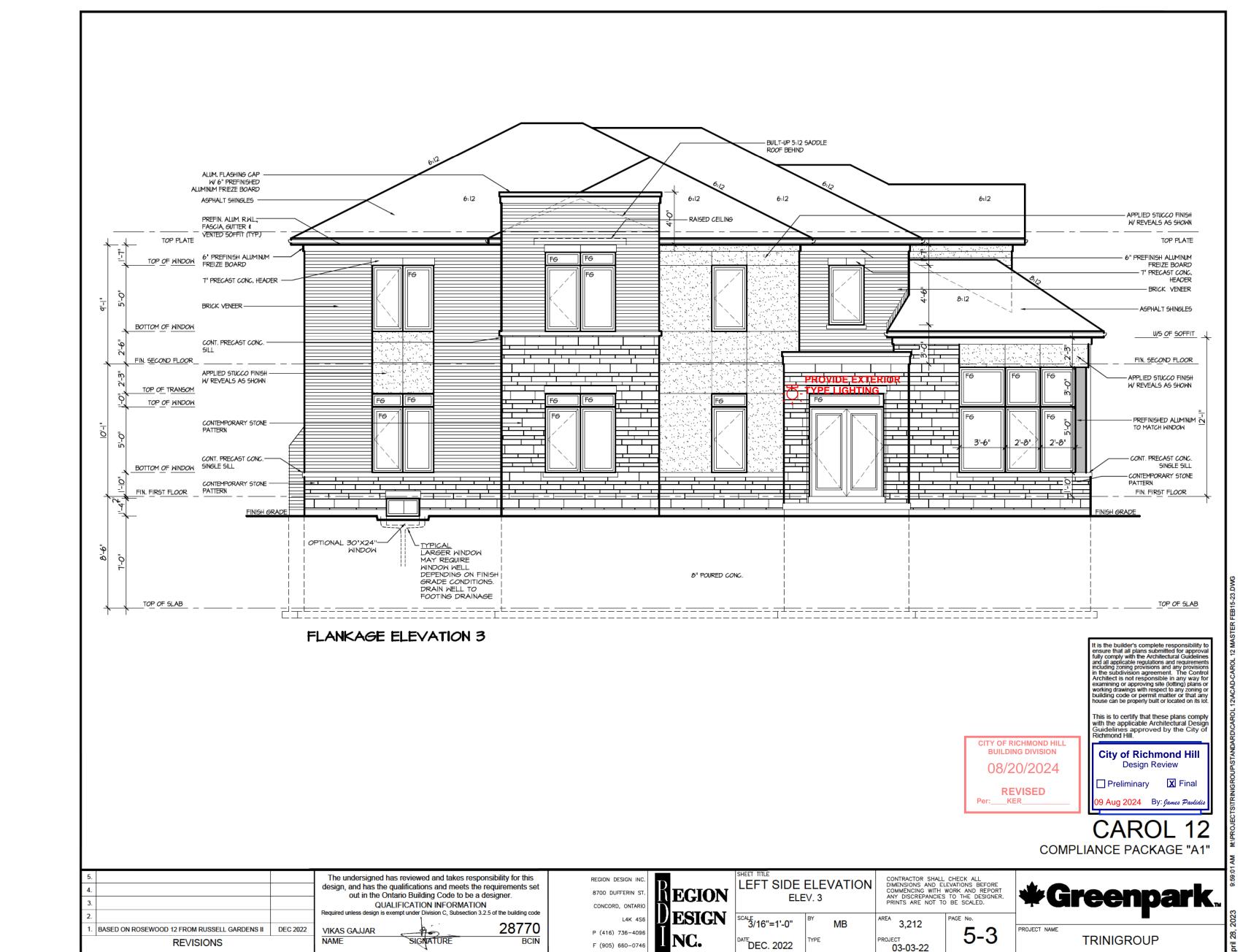
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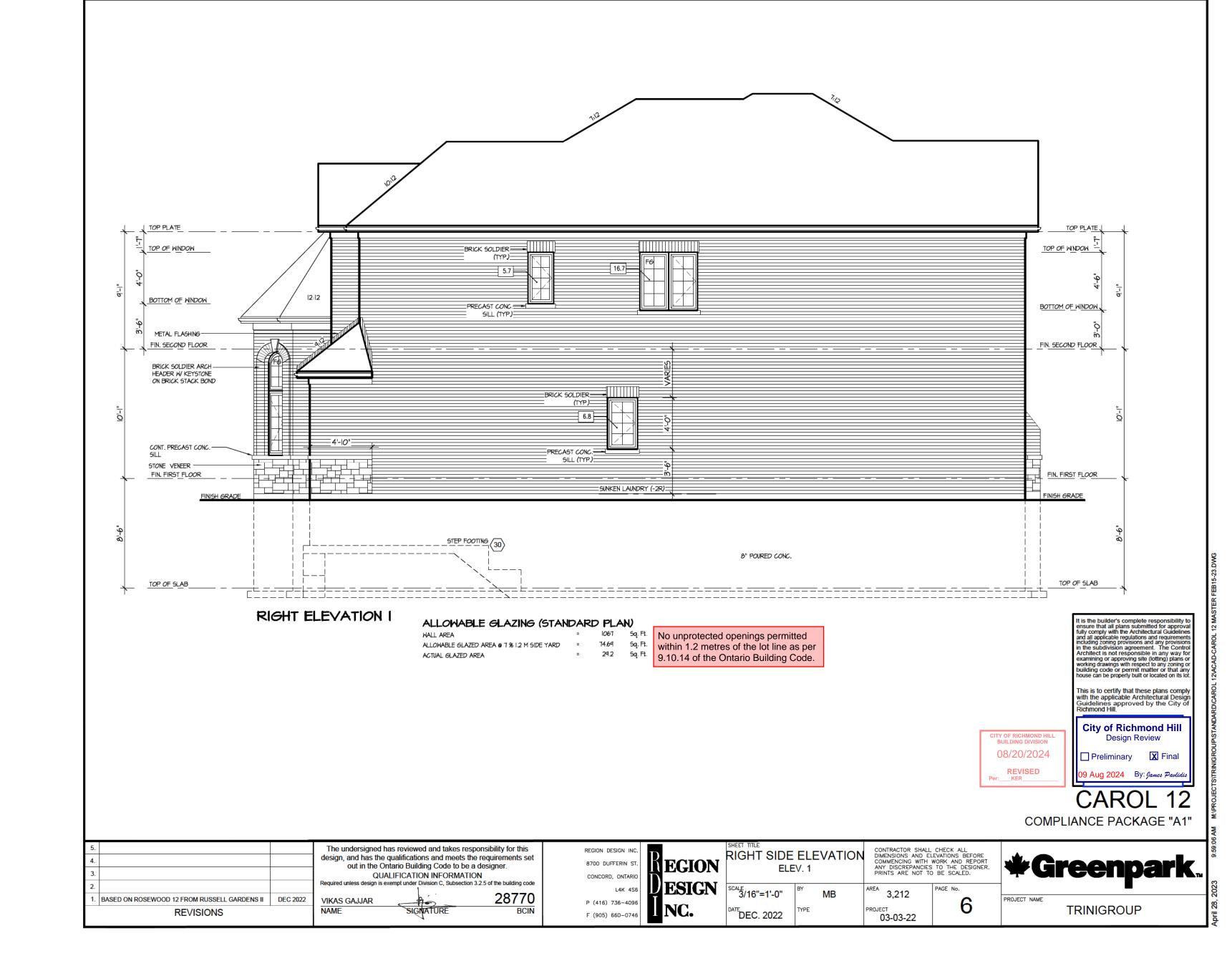
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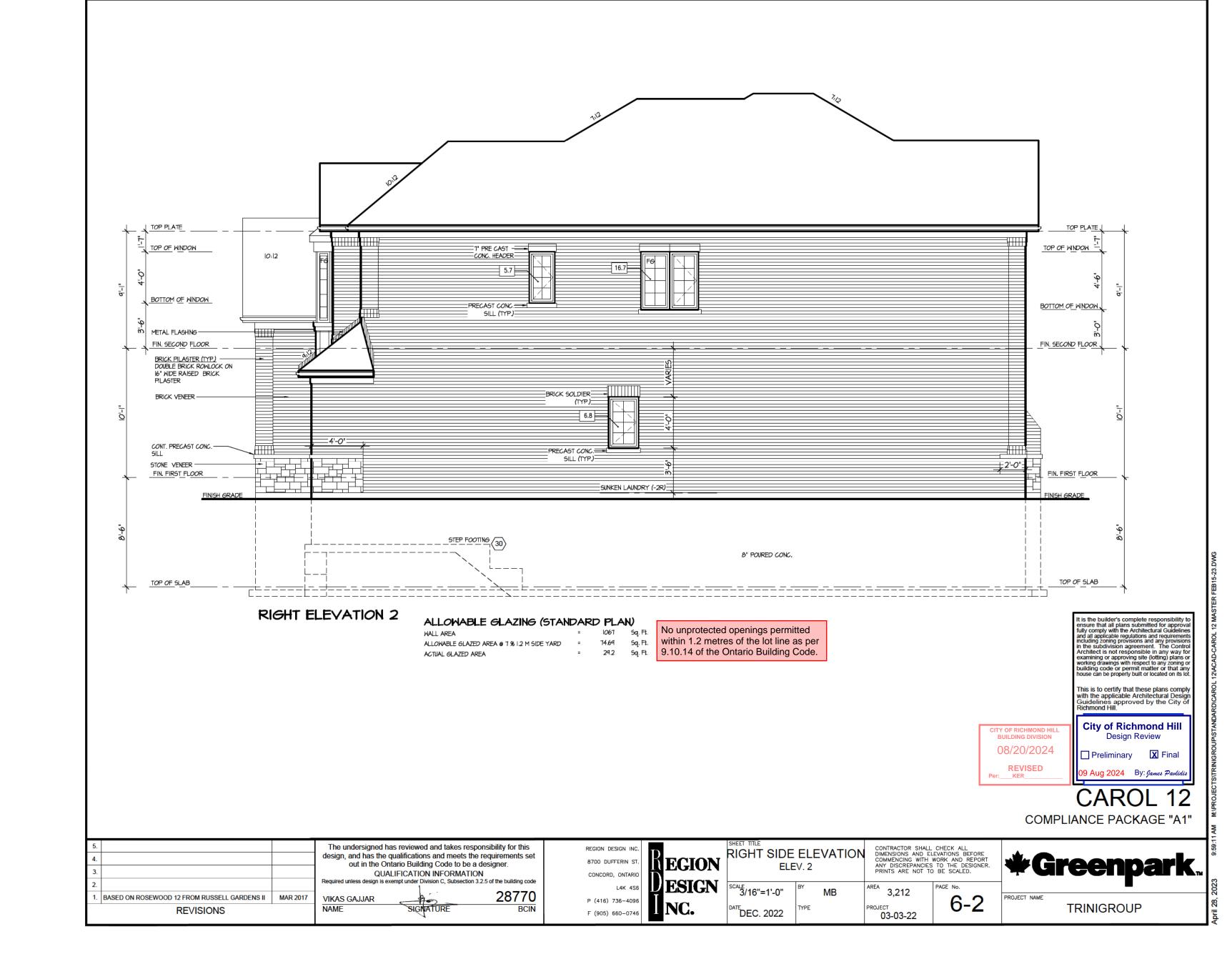
5-2

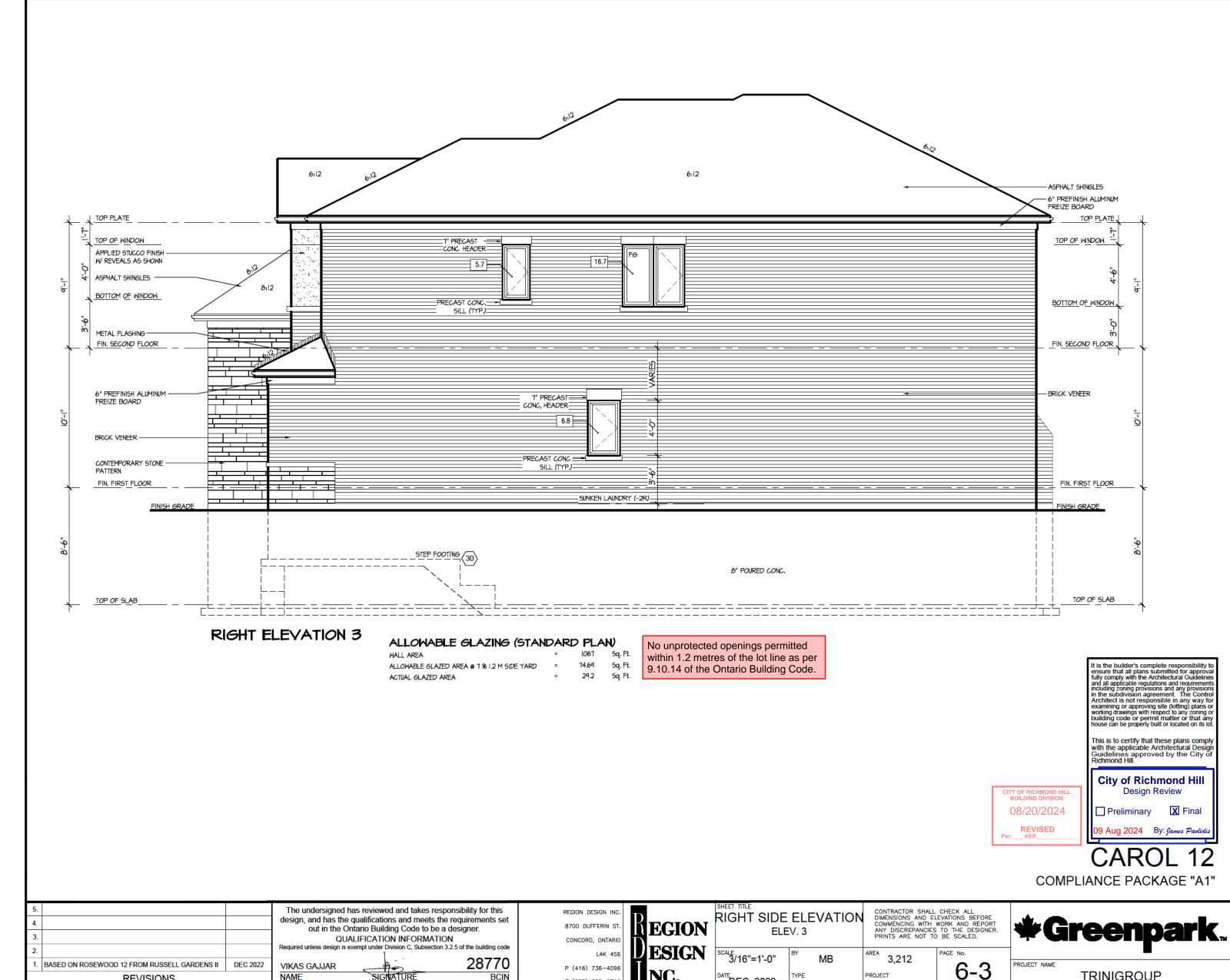
PROJECT NAME

TRINIGROUP









F (905) 660-0746

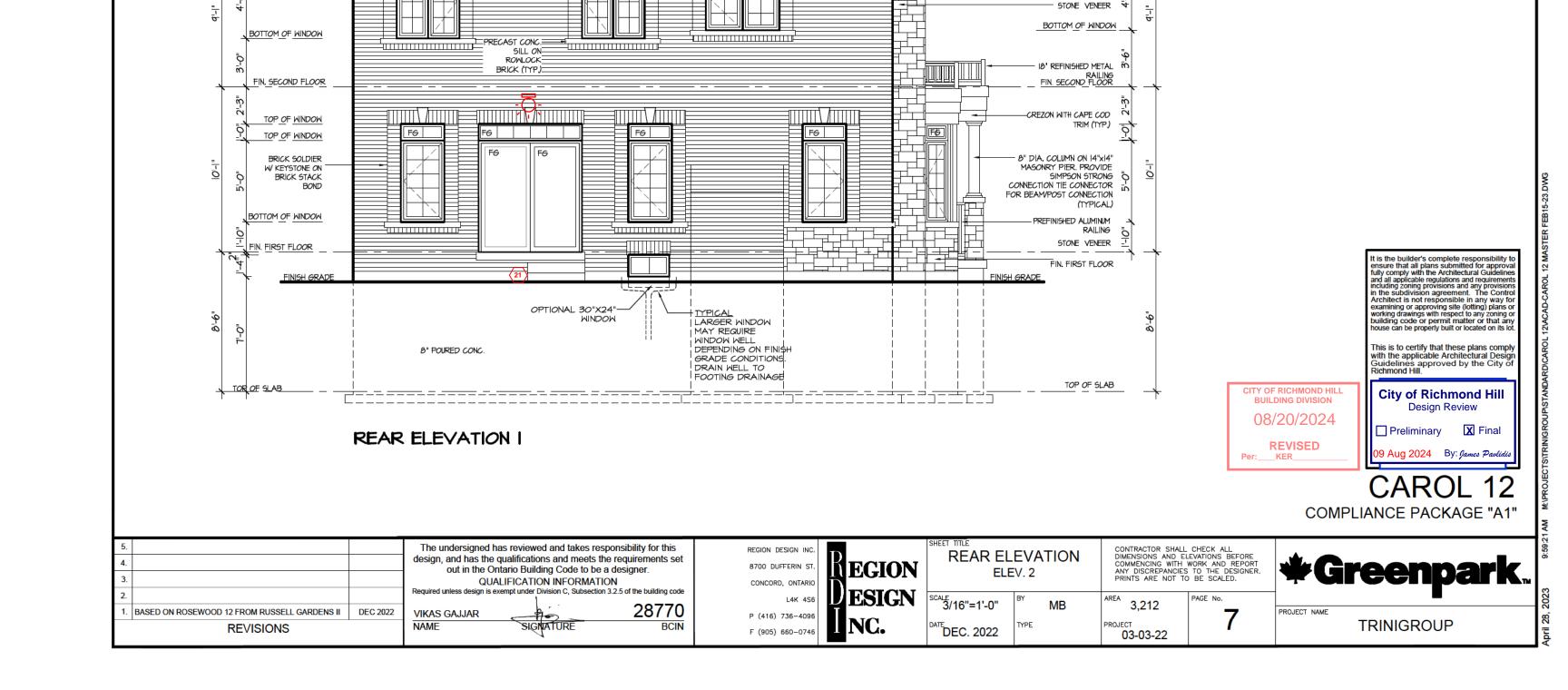
DEC. 2022

03-03-22

NAME

REVISIONS

TRINIGROUP



7:12

FG

7:12

TOP OF WINDOW

BRICK VENEER

22'-6"

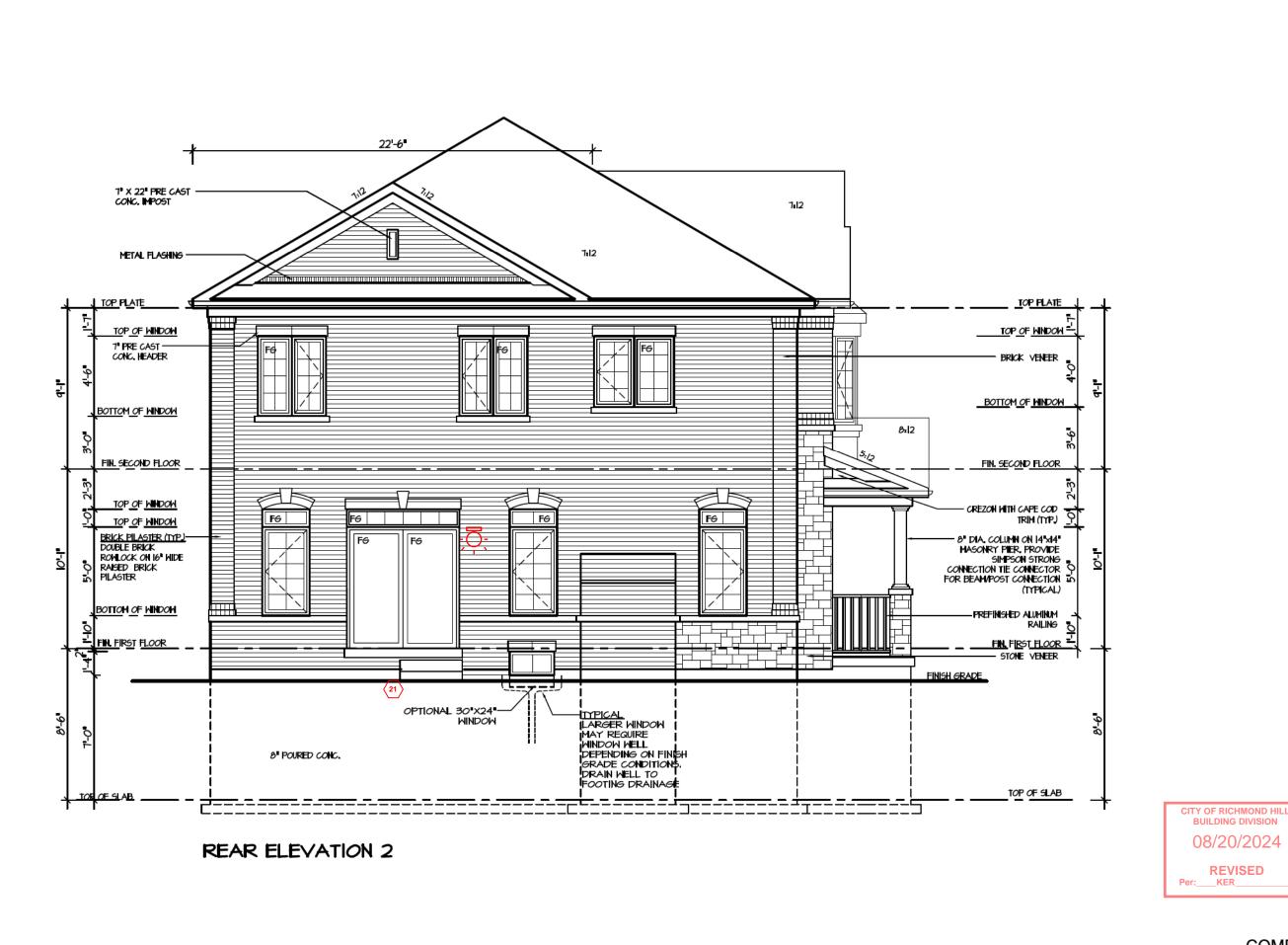
BRICK SOLDIER

BOND

7" X 22' PRE CAST CONC. IMPOST

METAL FLASHING

TOP OF WINDOW



This is to certify that these plans comply with the applicable Architectural Desigr Guidelines approved by the City of Richmond Hill.

City of Richmond Hill 08/20/2024

REVISED KER

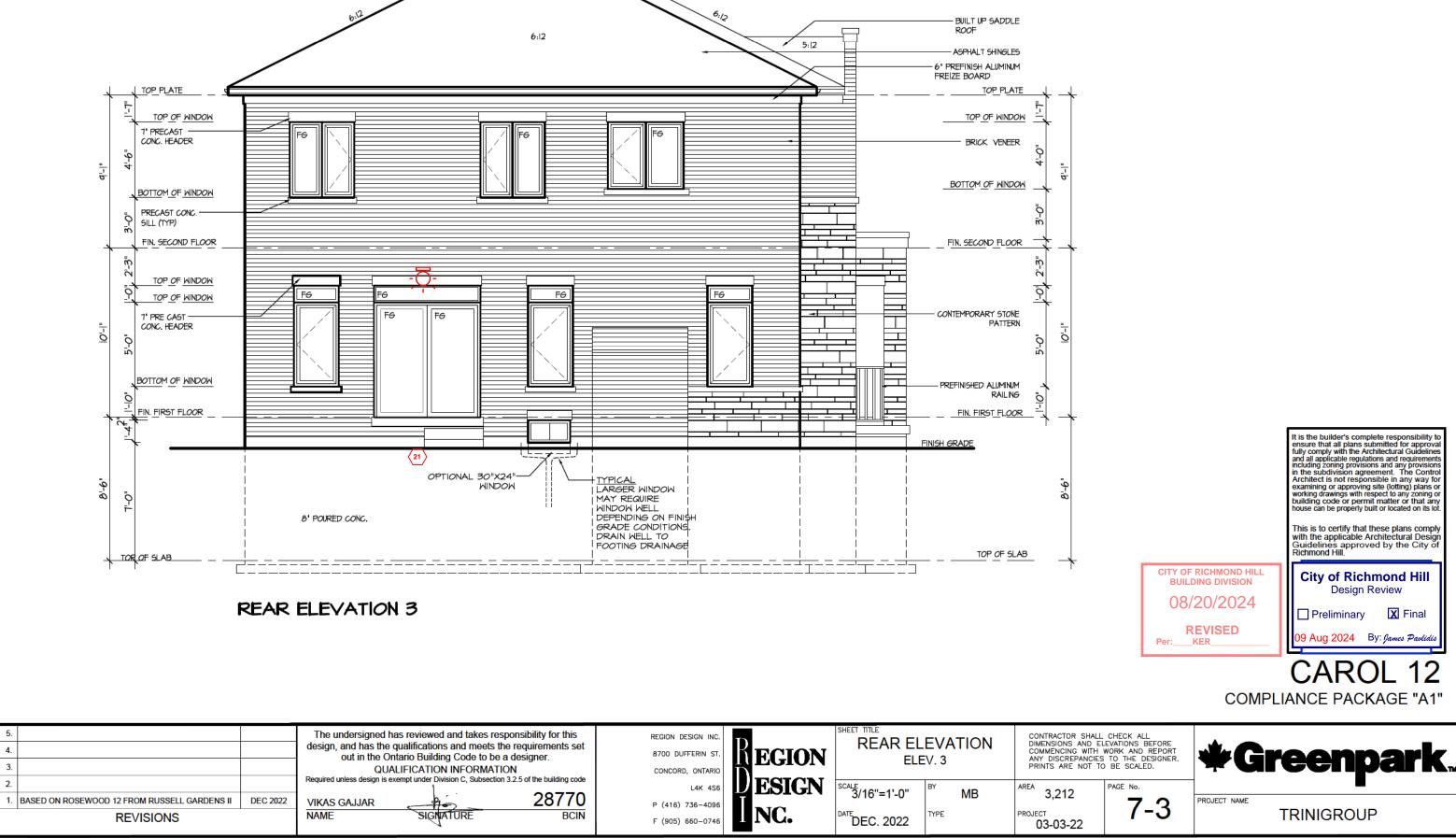
Preliminary X Final

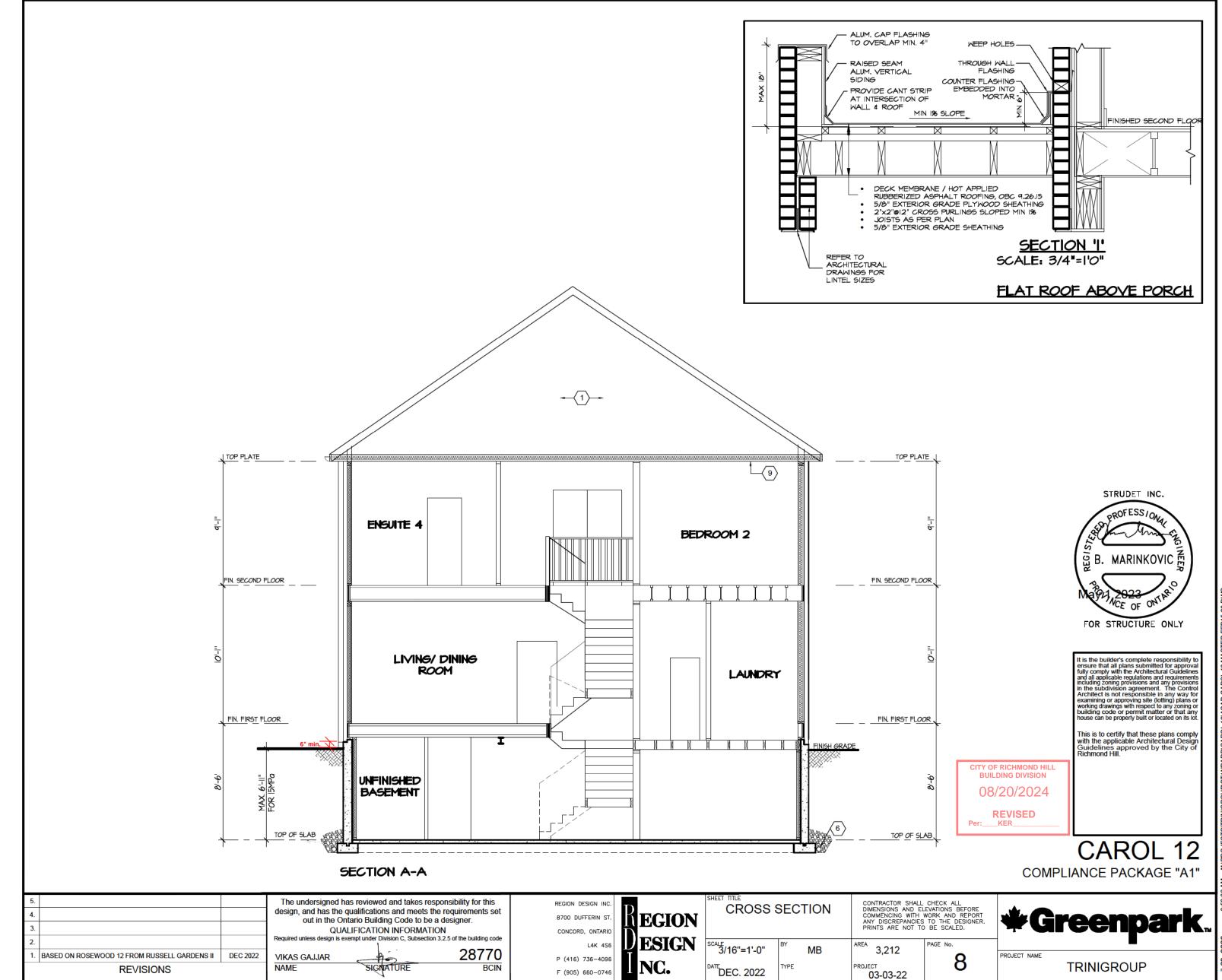
Aug 2024 By: James Pa

CAROL 12

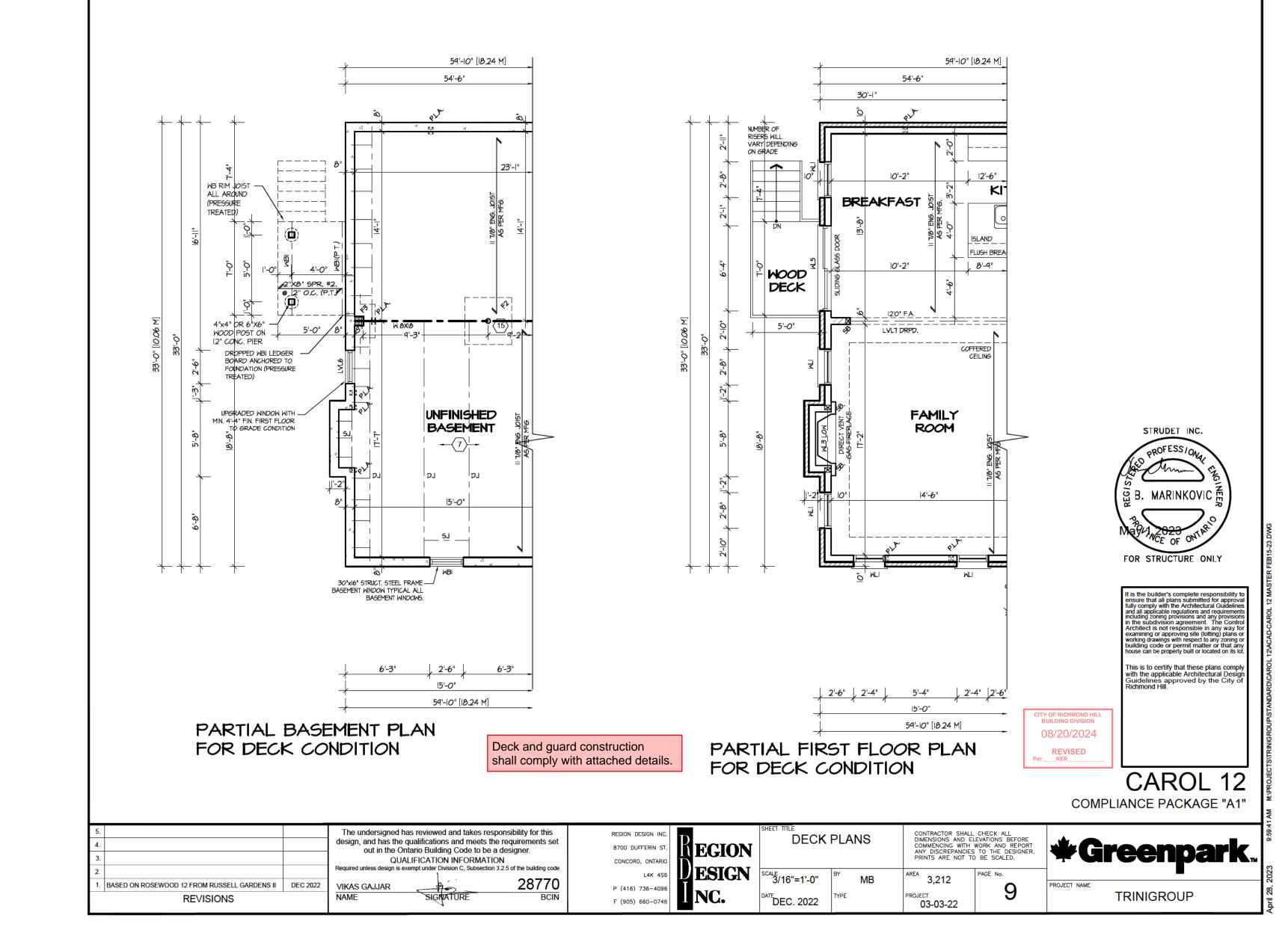
COMPLIANCE PACKAGE "A1"

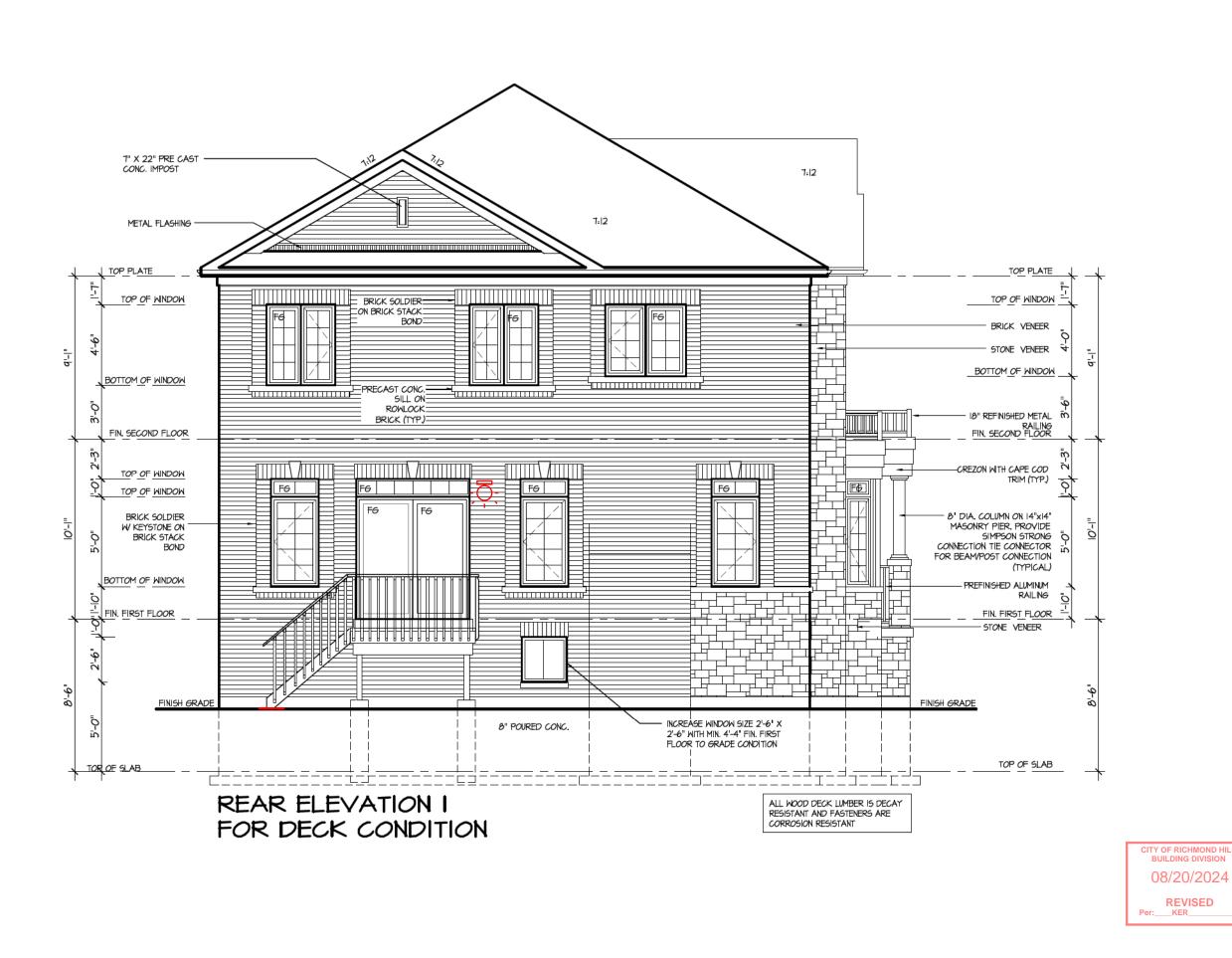






ROJECTS\TRINIGROUP\STANDARD\CAROL 12\ACAD-CAROL 12 MASTER FEB15-23





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City of Richmond Hill

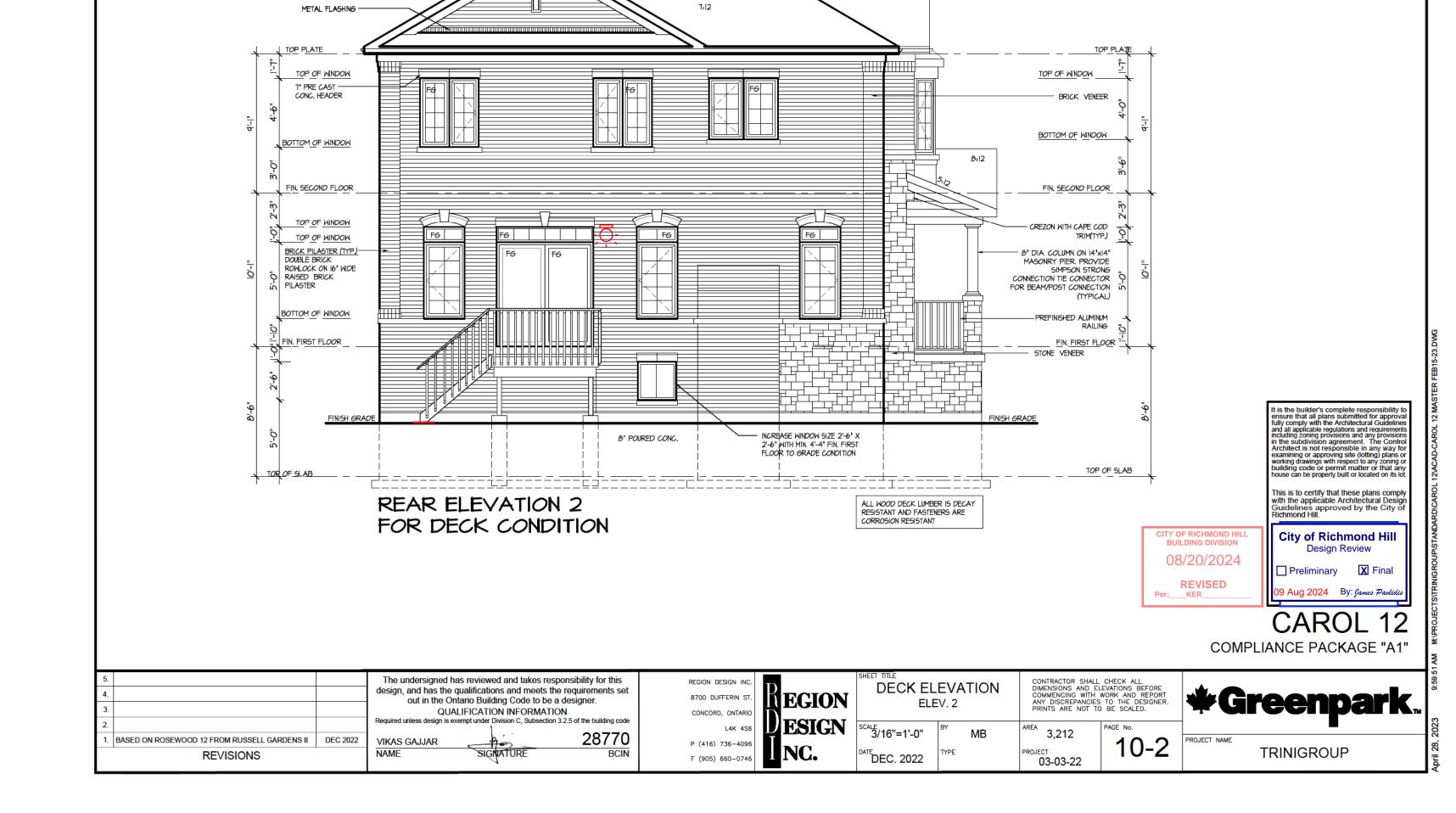
Preliminary

X Final

CAROL 12

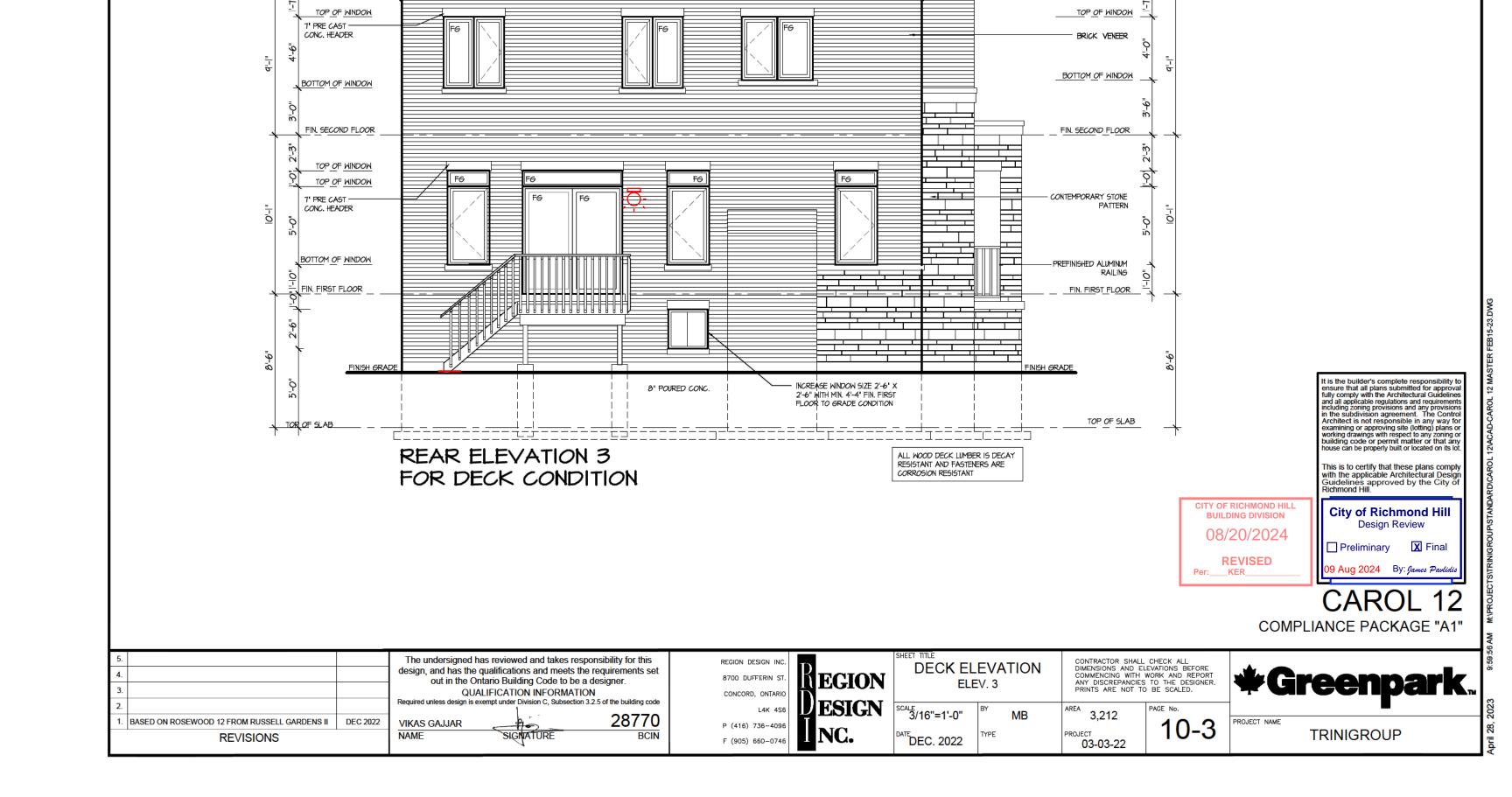
COMPLIANCE PACKAGE "A1"

The undersigned has reviewed and takes responsibility for this REGION DESIGN INC. REGION **DECK ELEVATION** design, and has the qualifications and meets the requirem out in the Ontario Building Code to be a designer. 8700 DUFFERIN ST. ELEV. 1 QUALIFICATION INFORMATION CONCORD, ONTARIO **ESIGN** AREA 3,212 L4K 4S6 3/16"=1'-0" MB 28770 BASED ON ROSEWOOD 12 FROM RUSSELL GARDENS II DEC 2022 10-1 PROJECT NAME VIKAS GAJJAR P (416) 736-4096 **TRINIGROUP** NAME **REVISIONS** DEC. 2022 F (905) 660-0746 03-03-22



7:12

7" X 22" PRE CAST CONC. IMPOST



- BUILT UP SADDLE ROOF

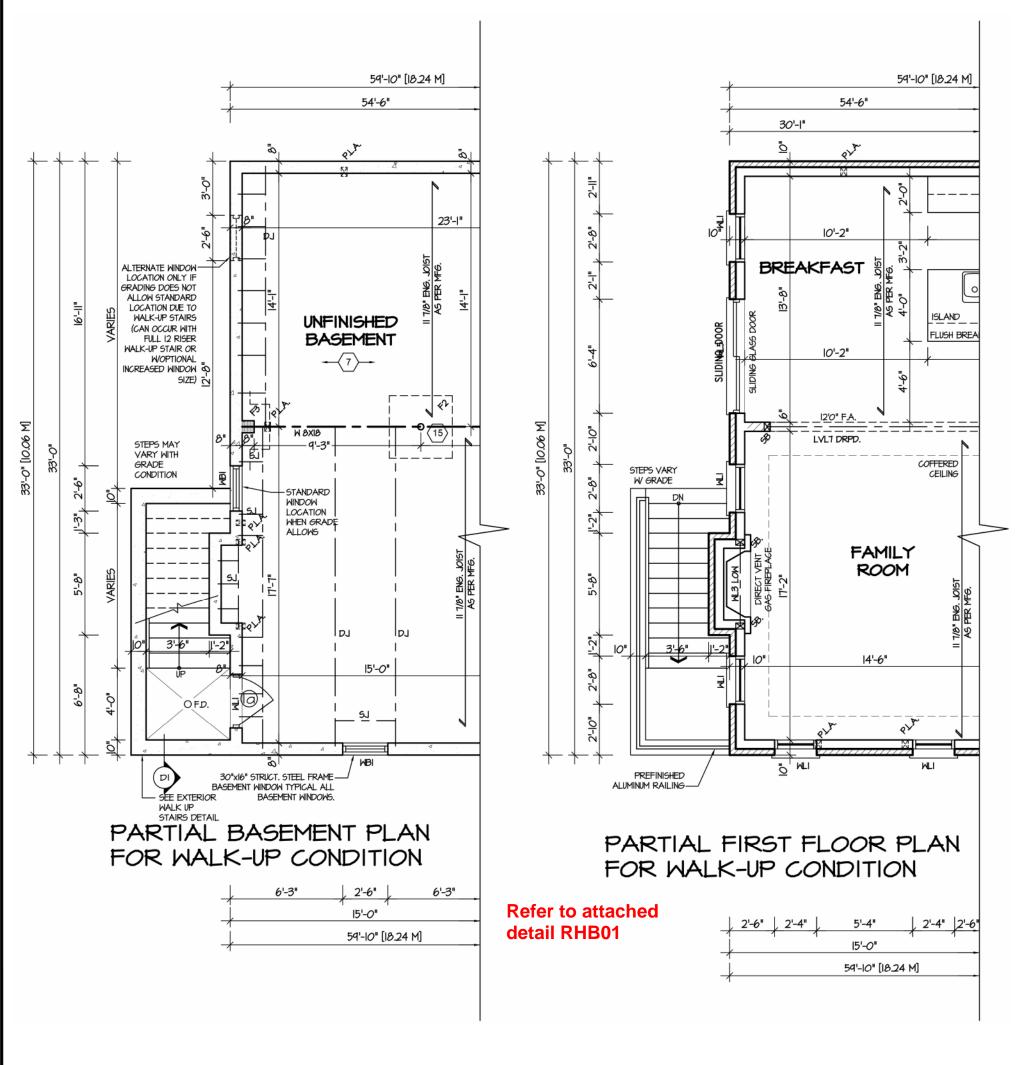
ASPHALT SHINGLES

- 6" PREFINISH ALUMINUM
FREIZE BOARD

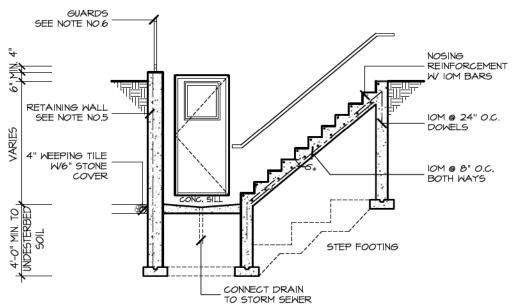
TOP PLATE

5:12





"DI" - EXTERIOR WALKUP STAIRS DETAILS



SECTION

GENERAL NOTES:

- I. FOOTING 24"X8" POURED CONC. FOOTING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OR COMPACTED GRANULAR FILL.
- 2.<u>CONCRETE</u>
 MINIMUM COMPRESSIVE STRENGTH OF 32 MPa (4650 psi) @ 28 DAYS W 5% TO 8% AIR ENTRAINMENT.
- 3.EXTERIOR STAIRS 7.7/8" RISE MAXIMUM 8.1/4" RUN MINIMUM
- 9 1/4" TREAD MINIMUM 4.INSULATION
- FOR INSULATION VALUE & VAPOUR BARRIER LOCATION REFER TO NOTE 13 OF STANDARD
- 5. RETAINING WALL IO" POURED CONCRETE W/ NO REINFORCING REQUIRED FOR WALL HEIGHTS TO A MAX. OF REQUIRED FOR WALL HEIGHTS TO A MAX. C
 4'-7". PROVIDE 15M VERTICAL
 REINFORCEMENT @ 16" O.C. AND 15M
 HORIZONTAL REINFORCEMENT @ 24" O.C.
 FOR WALL HEIGHTS TO 7'-0". RETAINING
 WALL TO RESIST LATERAL DESIGN LOADS
 AS PER OBC DIVISION B SECTION 4.1.5.16.
 6.GUARDS
- 3'-6" HIGH WHERE DISTANCE FROM GRADE TO BOTTOM OF WALKOUT EXCEEDS 5'-11": 2'-11" FOR LESSER HEIGHTS. MAXIMUM 4" BETWEEN VERTICAL PICKETS.

CITY OF RICHMOND HILL BUILDING DIVISION

08/20/2024

REVISED

It is the builder's complete responsibility to ensure that all plans submitted for approva fully comply with the Architectural Guidelines and all applicable regulations and requirement including zoning provisions in the subdivision agreement. The Contro

This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of Richmond Hill.



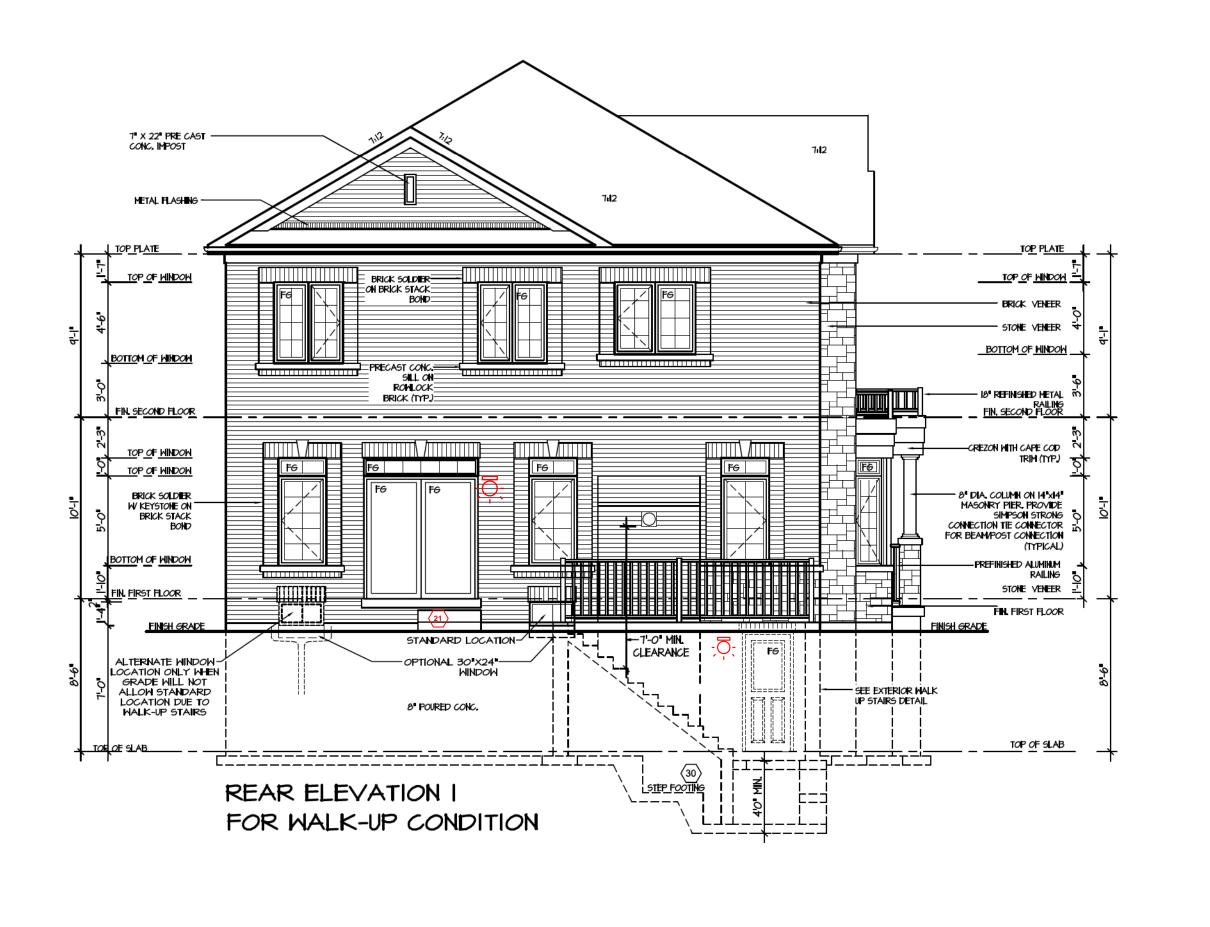
STRUDET INC.

FOR STRUCTURE ONLY

CAROL 12

COMPLIANCE PACKAGE "A1"

5. 4. 3.	The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer. QUALIFICATION INFORMATION	8700 DUFFERIN ST. CONCORD, ONTARIO	WALK-UP PLANS	CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.	*Greenpark
BASED ON ROSEWOOD 12 FROM RUSSELL GARDENS II DEC 2022 REVISIONS	Required unless design is exempt under Division C, Subsection 3.2.5 of the building code VIKAS GAJJAR NAME SIGNATURE BCIN	L4K 4S6 P (416) 736-4096 F (905) 660-0746 L4K 4S6 P (416) 736-4096 R (905) 660-0746	SCALE 3/16"=1'-0" BY MB DATE DEC. 2022 TYPE	AREA 3,212 PROJECT 03-03-22	PROJECT NAME TRINIGROUP



This is to certify that these plans comply with the applicable Architectural Desigr Suidelines approved by the City of Richmond Hill.

City of Richmond Hill

Preliminary

CITY OF RICHMOND HILL BUILDING DIVISION

08/20/2024

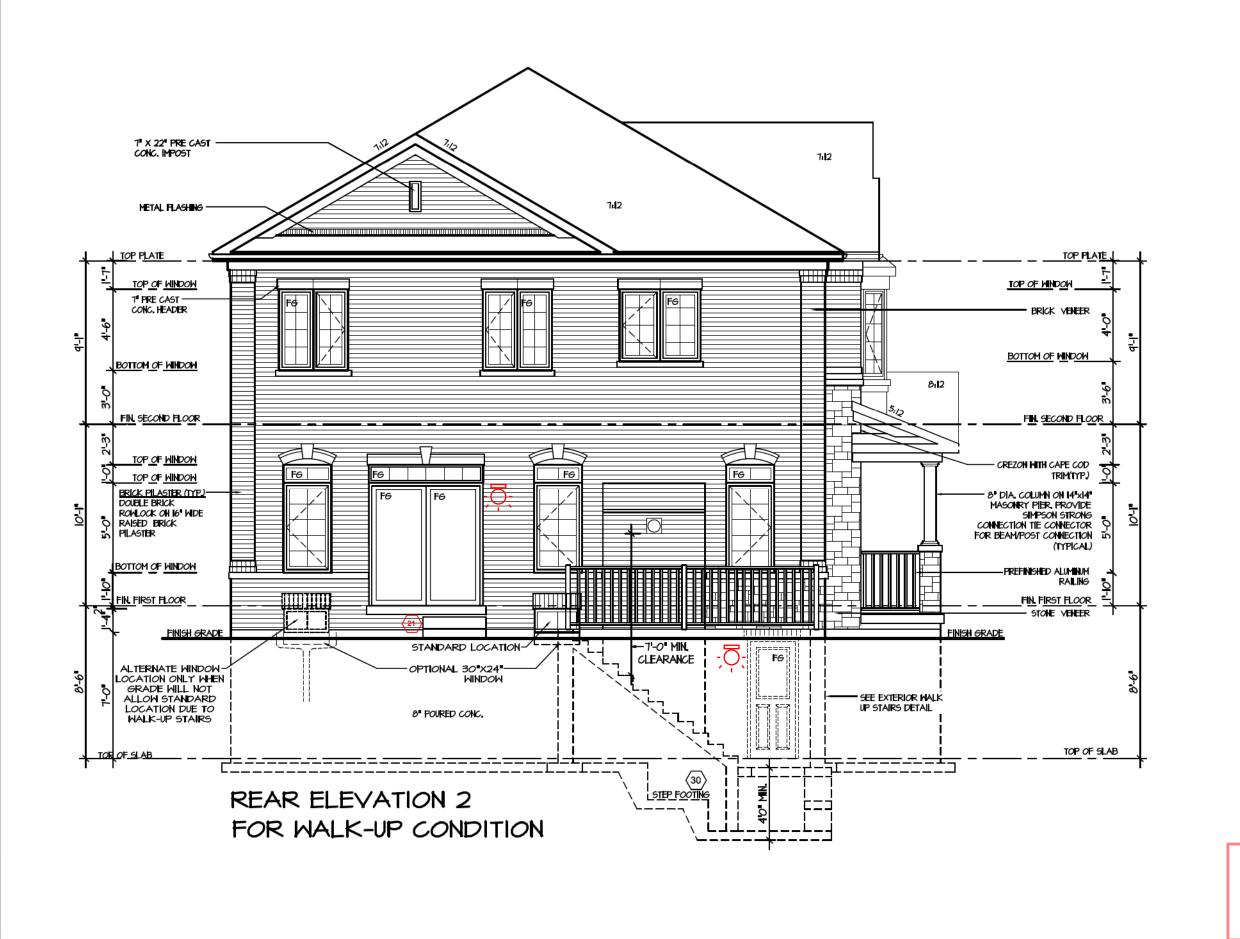
REVISED __KER_

X Final

CAROL 12

COMPLIANCE PACKAGE "A1"

The undersigned has reviewed and takes responsibility for this REGION DESIGN INC. WALK-UP ELEVATION design, and has the qualifications and meets the requiremout In the Ontarlo Bullding Code to be a designer. **EGION** 8700 DUFFERIN ST. QUALIFICATION INFORMATION CONCORD, ONTARIO **ESIGN** L4K 4S6 3/16"=1'-0" 3,212 MB 28770 12-1 1. BASED ON ROSEWOOD 12 FROM RUSSELL GARDENS II DEC 2022 VIKAS GAJJAR P (416) 736-4096 **TRINIGROUP** NAME TDEC. 2022 REVISIONS F (905) 660-0746 03-03-22



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City of Richmond Hill

Preliminary

CITY OF RICHMOND HILL BUILDING DIVISION

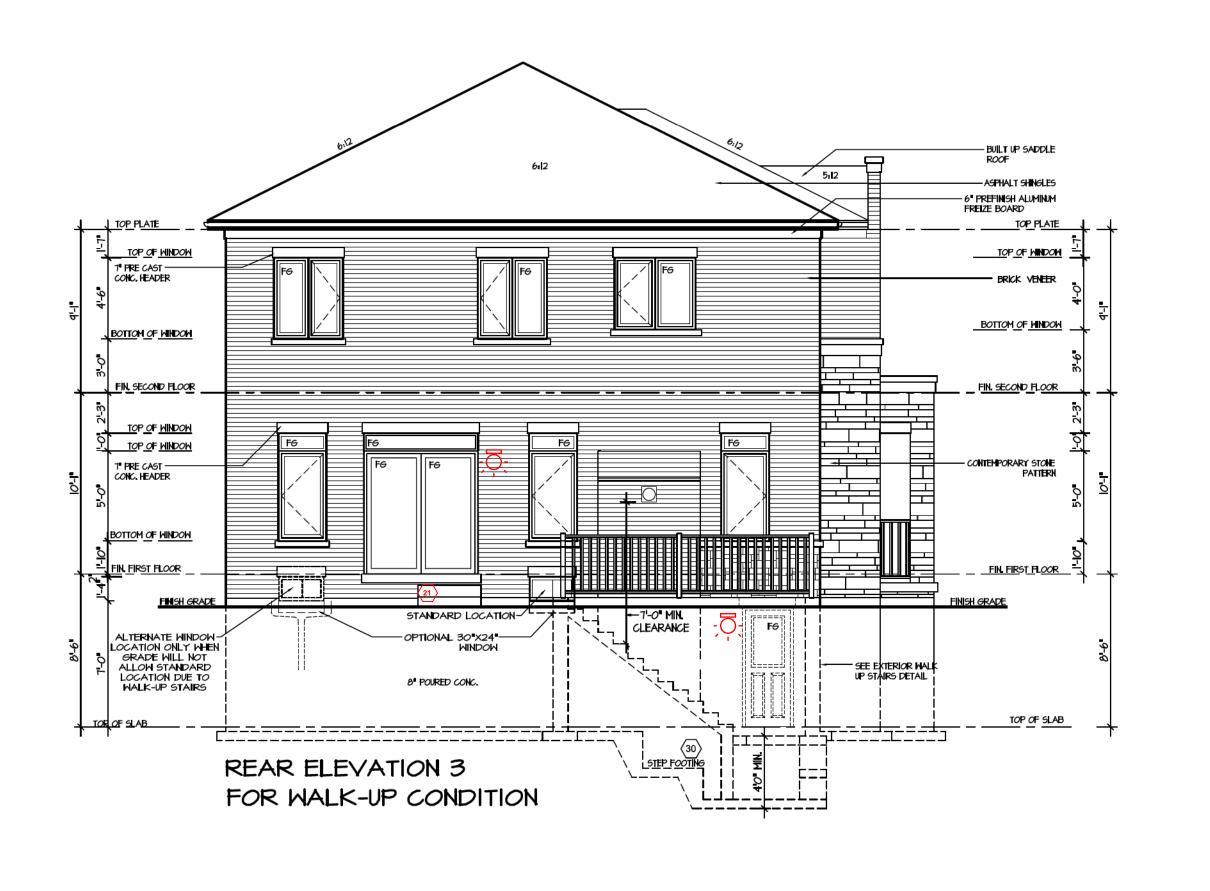
08/20/2024

X Final

CAROL 12

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City of Richmond Hill

X Final

Preliminary

CAROL 12

COMPLIANCE PACKAGE "A1"

ı	REVISIONS							
1.	BASED ON ROSEWOOD 12 FROM RUSSELL GARDENS II	DEC 2022	VIKAS					
2.			Required u					
3.								
4.			design,					
5.			i ne u					

The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirem out In the Ontarlo Bullding Code to be a designer.

QUALIFICATION INFORMATION 28770 VIKAS GAJJAR

REGION DESIGN INC. 8700 DUFFERIN ST. CONCORD, ONTARIO L4K 4S6 P (416) 736-4096 F (905) 660-0746



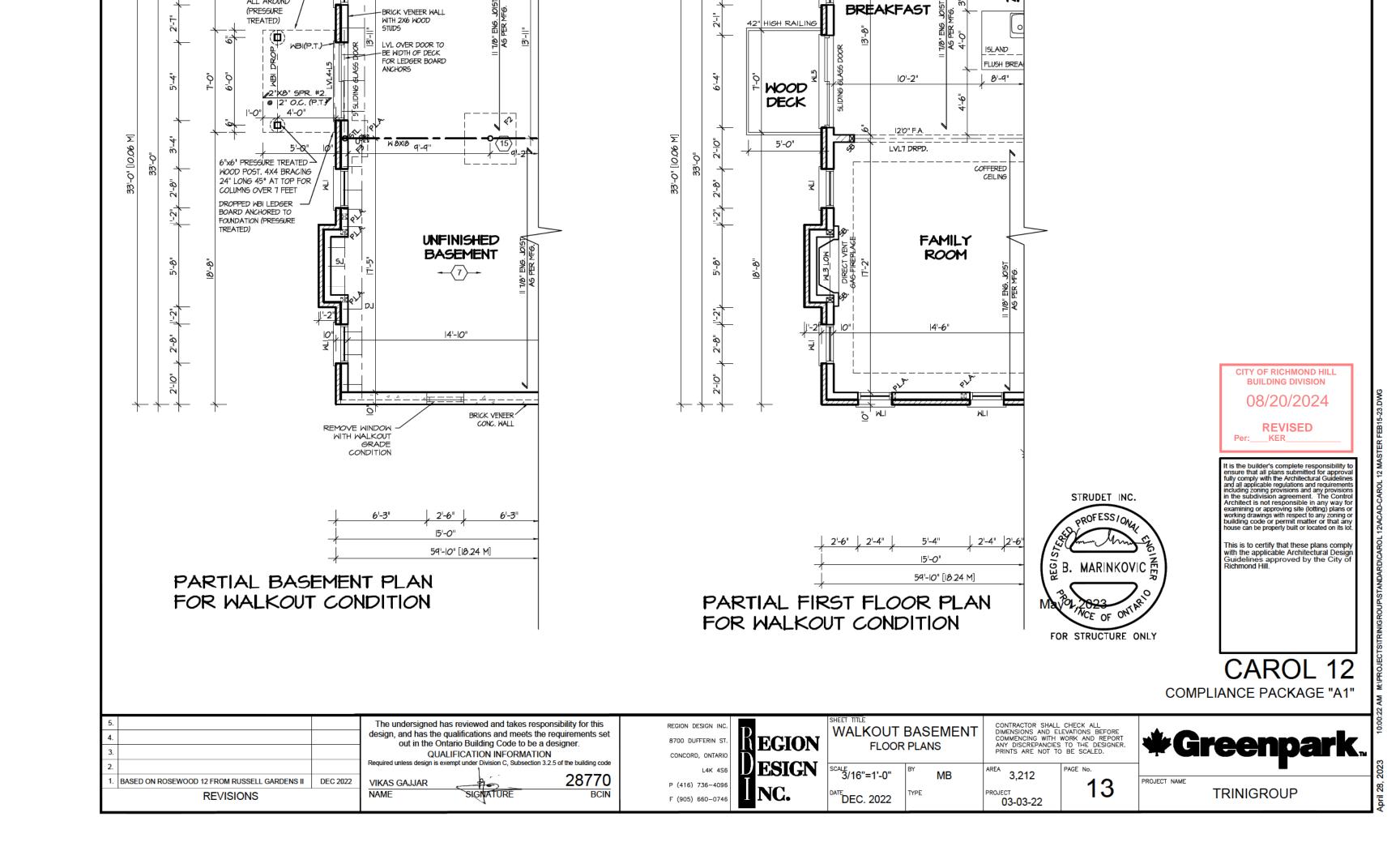
CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED. WALK-UP ELEVATION 3/16"=1'-0" 3,212 MB 12-3 ROJECT 03-03-22 TEDEC. 2022



TRINIGROUP

CITY OF RICHMOND HILL BUILDING DIVISION

08/20/2024



59'-10" [18.24 M]

KI.

54'-6"

10'-2"

BREAKFAST

30'-1"

0

59'-10" [18.24 M]

22'-||

BRICK VENEER CONC. WALL

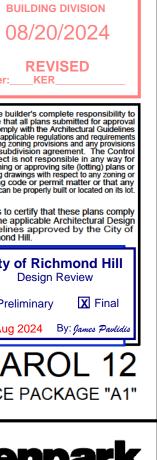
WB RIM JOIST

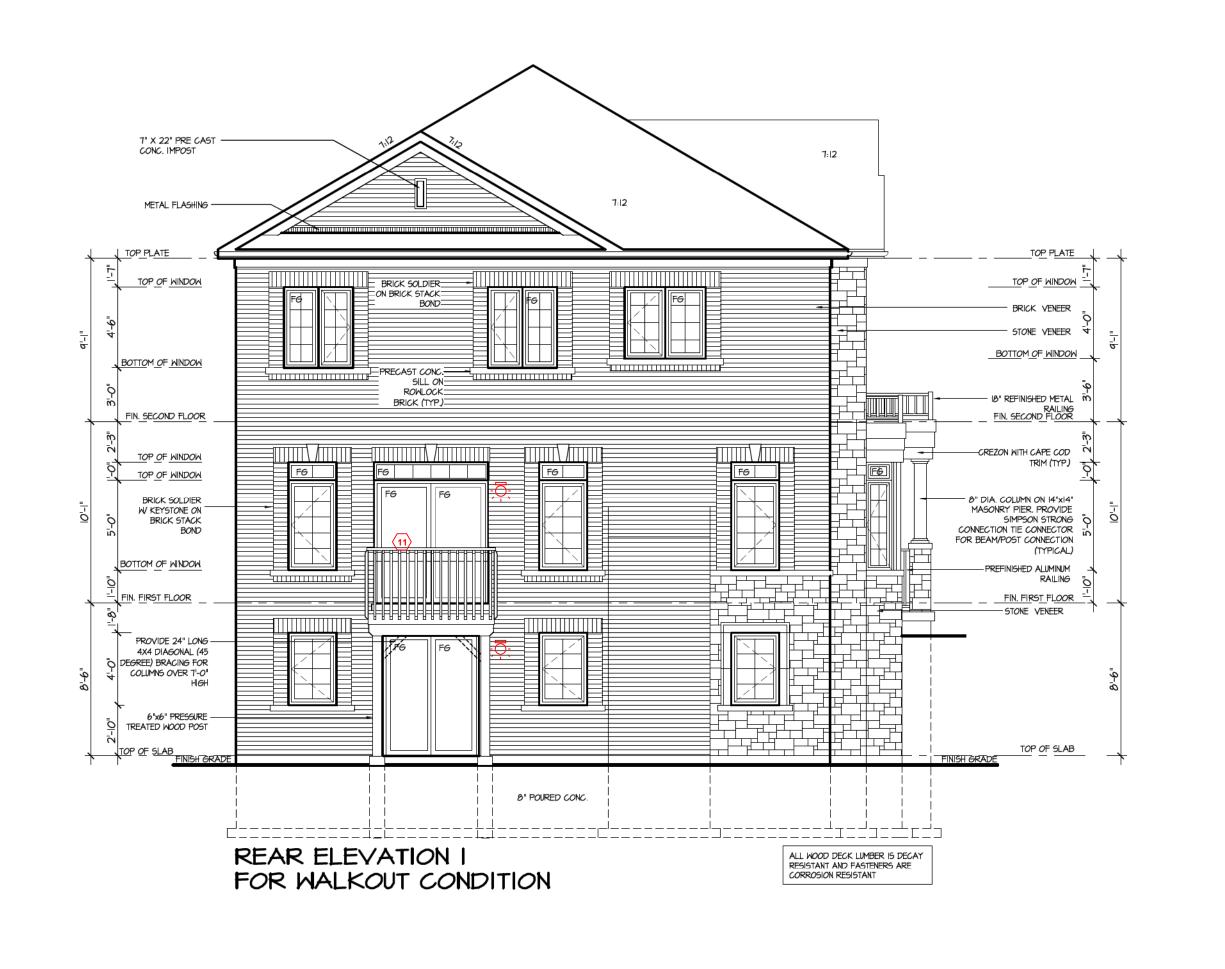
ALL AROUND

(PRESSURE

Deck and guard construction

shall comply with attached details.





CITY OF RICHMOND HILL BUILDING DIVISION

REVISED
Per:___KER___

It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible in any way for examining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any house can be properly built or located on its lot.

This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of Richmond Hill.

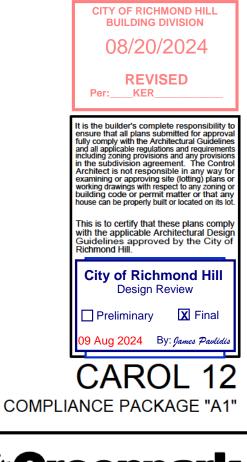
City of Richmond Hill

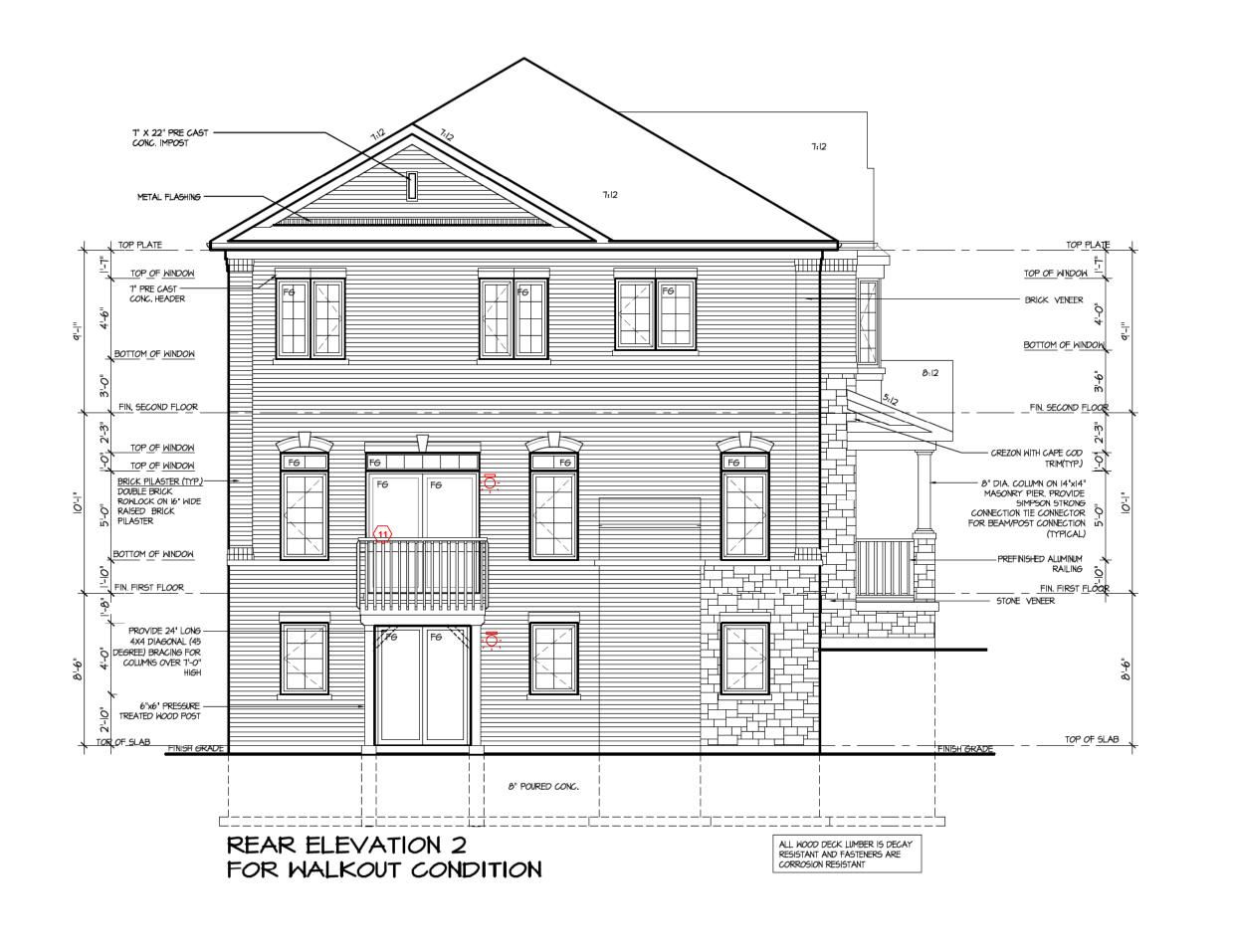
Preliminary X Final

CAROL 12

COMPLIANCE PACKAGE "A1"

4. 3.		design, and has the o out in the Or QUA	qualifications and meets the nation Building Code to be ALIFICATION INFORMATION COMMENTS.	he requirements set a designer. ION	REGION DESIGN INC. 8700 DUFFERIN ST. CONCORD, ONTARIO	EGION		BASEMENT EVATION 1	I COMMENCING WITE	ELEVATIONS BEFORE I WORK AND REPORT ES TO THE DESIGNER.	₩ G	reenpark	
BASED ON ROSEWOOD 12 FROM RUSSELL GARDENS II REVISIONS	DEC 2022	VIKAS GAJJAR NAME	SIGNATURE	28770 BCIN	L4K 4S6 P (416) 736-4096 F (905) 660-0746	DESIGN INC.	3/16"=1'-0" DATE DEC. 2022	BY MB	3,212 PROJECT 03-03-22	14-1	PROJECT NAME	TRINIGROUP	April 28, 2023





CITY OF RICHMOND HILL BUILDING DIVISION

REVISED
Per:___KER___

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City of Richmond Hill

CAROL 12

	_										
5.		The undersigned	has reviewed and takes res	sponsibility for this	REGION DESIGN INC.	Б.	SHEET TITLE	DAGEMENT	CONTRACTOR SHAL		
4.			e qualifications and meets to Ontario Building Code to be		8700 DUFFERIN ST.	REGION		BASEMENT	COMMENCING WITH	ELEVATIONS BEFORE WORK AND REPORT	
3.		QU	IALIFICATION INFORMATI	ION	CONCORD, ONTARIO		REAR ELI	EVATION 2	ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.		*
2.		Required unless design is	exempt under Division C, Subsection	-	L4K 4S6	DESIGN	SCALE	BY	AREA 2.242	PAGE No.	
1. BASED ON ROSEWOOD 12 FROM RUSSELL GARDENS II	DEC 2022	VIKAS GAJJAR	=	28770	P (416) 736-4096		3/16"=1'-0"	MB	3,212	1/1 2	PROJECT NAME
REVISIONS		NAME	SIGNATURE	BCIN	F (905) 660-0746	I NC.	DEC. 2022	TYPE	PROJECT 03-03-22	14-2	

Greenpark...

TRINIGROUP



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City of Richmond Hill Design Review

☐ Preliminary **X** Final

Aug 2024 By: 9

CAROL 12

COMPLIANCE PACKAGE "A1"

5. 4.		The undersigned has reviewed and takes responsibility for this design, and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer. QUALIFICATION INFORMATION Required unless design is exempt under Division C, Subsection 3.2.5 of the building code		REGION DESIGN INC. 8700 DUFFERIN ST.	REGION	WALKOUT BASEMENT REAR ELEVATION 3		CONTRACTOR SHALL CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE COMMENCING WITH WORK AND REPORT ANY DISCREPANCIES TO THE DESIGNER. PRINTS ARE NOT TO BE SCALED.		*Greenpark.		10:00	
3.				CONCORD, ONTARIO	Γ							M M	
2.		Required unless design is exempt und	der Division C, Subsection 3.2.5	_	L4K 4S6	DESIGN	SCALE	BY	AREA 2.242	PAGE No.	7		023
BASED ON ROSEWOOD 12 FROM RUSSELL GARDENS II	DEC 2022	VIKAS GAJJAR	7	28770	P (416) 736-4096	Т	3/16"=1'-0"	MB	3,212	112	PROJECT NAME		8,2
REVISIONS		NAME S	SIGNATURE	BCIN	F (905) 660-0746	NC.	DEC. 2022	TYPE	PROJECT 03-03-22	14-3		TRINIGROUP	April 28

W.PRO IECTSITRINIGROLIPSTANDARDICAROL 12/ACAD-CAROL 12 MASTER FER15-23