

#### **BUILDING PERMIT COVER PAGE**

# MHP 23029 Development Services Department Building Permit and Inspection Services

BUILDING PERMIT PLANS	ACCEPTED AS NOTED				
REVIEW	REVIEWED BY	DATE			
ZONING					
PLANNING					
ARCHITECTURAL	CM	NOV 22, 2023			
STRUCTURAL					
FIRE					
PLUMBING	CARD				
MECHANICAL					
PLANS REVIEW COMPLETED	CM	NOV 22, 2023			

#### **SOIL CONDITIONS**

OIL CONDITIONS SHALL BE VERIFIED BY A PROFESSIONAL ENGINEER COMPETENT IN THE FIELD OF SOIL ENGINEERING, PRIOR TO PLACING ANY FOUNDATION.

THE PERMIT PLANS HAVE BEEN **ANY FUTURE CHANGES WILL REQUIRE A SEPARATE BUILDING PERMIT** 

#### **PLUMBING INSTALLATIONS**

ALL PLUMBING INSTALLATIONS ARE TO BE DONE BY A PLUMBING CONTRACTOR POSSESSING AN ONTARIO COLLEGE OF TRADES MEMBERSHIP, NO PLUMBING IS TO BE COVERED UNTIL INSPECTED AND APPROVED BY A PLUMBING INSPECTOR. TELEPHONE 905-436-5658 WHEN READY FOR AN INSPECTION AND TESTING.

ALL STANDARDS REFERRED TO IN THESE BUILDING PERMIT DOCUMENTS SHALL BE THE **EDITION DESIGNATED IN OBC 2012 AS** AMENDED.

RAIN WATER DOWNSPOUTS ARE TO BE DISCHARGED AT GRADE AND NOT CONNECTED TO WEEPING TILES

#### **FUTURE ALTERATIONS**

A SEPARATE BUILDING PERMIT IS REQUIRED FOR ANY PROPOSED INTERIOR PARTITIONS AND/OR ALTERATIONS.

COPY OF THE STAMPED/REVIEWED DRAWINGS MUST REMAIN ON SITE DURING CONSTRUCTION.

#### NOTE:

IT IS RECOMMENDED THAT CRUSHED CONCRETE OR SLAG AGGREGATE **NOT** TO BE USED FOR BACKFILL UNDER CONCRETE SLABS, AROUND SEWER LATERALS OR WEEPERS.

#### **MHP CERTIFICATION**

ALL MARKUPS AND STAMPS APPLIED TO BASE MODEL AND BASE ELEVATION SHALL APPLY AS APPLICABLE TO THE ENTIRE MODEL HOUSE

#### **AS BUILT SURVEY**

UPON COMPLETION OF THE FOUNDATION, A SURVEY PREPARED BY AN ONTARIO LAND SURVEYOR INDICATING THE LOCATION OF THE **BUILDING TO ALL PROPERTY LINES IS** REQUIRED TO BE SUBMITTED TO THE BUILDING **DEPARTMENT** 

#### **IMPORTANT NOTE**

NEITHER THE ISSUANCE OF A PERMIT NOR THE CARRYING OUT OF INSPECTIONS BY THE CITY RELIEVE THE APPLICANT FROM FULL RESPONSIBILITY FOR COMPLIANCE WITH THE PROVISIONS OF THE BUILDING CODE ACT AND THE ONTARIO BUILDING CODE, BOTH AS AMENDED, AS WELL AS OTHER APPLICABLE STATUES AND REGULATIONS OF THE PROVINCE OF ONTARIO AND ALL RELEVANT BY-LAWS OF THE CITY OF OSHAWA AND THE REGIONAL MUNICIPALITY OF DURHAM.

ALL ELECTRICAL WIRING MUST BE INSPECTED BY THE ELECTRICAL SAFETY AUTHORITY. SEPARATE INSPECTION APPLICATIONS (PERMITS) MUST BE FILED. WE RECOMMEND YOU USE A QUALIFIED ELECTRICAL CONTRACTOR. FOR MORE **INFORMATION PLEASE CALL:** 



1-877-ESA-SAFE OR VISIT WWW.ESASAFE.COM

#### **OBC 9.10.14.5 - CLADDING**

CLADDING ON THE EXPOSING BUILDING FACE IS PERMITTED TO BE VINYL WHEN WITHIN 600mm OF PROPERTY LINE PROVIDED THAT THE VINYI CONFORMS TO OBC DIV. B. 9.27.13, IS INSTALLED OVER SHEATHING PAPER AND12.7mm DRYWALL, HAS A FLAME SPREAD RATING NOT GREATER THAN 25, AND IS NOT MORE THAN 2mm THICK AND THE ENTIRE EXTERIOR WALL HAS A MINIMUM FIRE RESISTANCE RATING OF 3/2 HOURS

RETURN AIR INLET FROM ANYROOM
PROVISIONS SHALL BE MADE FOR THE RETURN OF AIR FROM ANY ROOM OR SPACE WITHOUT A RETURN AIR INLET, BY LEAVING GAPS BENEATH DOORS, USING LOUVERED DOORS, OR INSTALLING RETURN AIR DUCT INLETS.

#### **BEDROOM WINDOWS**

(1) EVERY FLOOR LEVEL CONTAINING BEDROOMS IN A SUITE SHALL BE PROVIDED WITH AT LEAST 1 OUTSIDE WINDOW THAT CAN BE OPENED FROM THE INSIDE WITHOUT THE USE OF TOOLS, AND EACH SUCH WINDOW SHALL PROVIDE AN INDIVIDUAL, UNOBSTRUCTED OPEN PORTION HAVING A MINIMUM AREA OF 0.35M2 (3.8 SQ.FT.) WITH NO DIMENSION LESS THAN 380 MM (15 IN).

(2) EXCEPT FOR BASEMENT AREAS. THE WINDOW DESCRIBED IN SENTENCE (1) SHALL HAVE A MAXIMUM SILL HEIGHT OF 1M (3 FT 3 IN) ABOVE THE FLOOR. (3) WHEN SLIDING WINDOWS ARE USED, THE MINIMUM DIMENSION DESCRIBED IN SENTENCE (1) SHALL APPLY TO THE OPENABLE PORTION OF THE WINDOW.

#### PREFABRICATED WOOD TRUSSES

FABRICATION AND ERECTION DRAWINGS WITH DESIGN DATA, PREPARED AND SEALED BY A PROFESSIONAL ENGINEER, MUST BE AVAILABLE ON SITE FOR REVIEW BY THE BUILDING INSPECTOR

#### **ROOF CEILING INSULATION**

ROOF FRAMING OR TRUSS HEEL JOINT MUST PERMIT SUFFICIENT SPACE FOR THE EXTENSION OF THE ROOF-CELLING INSULATION OVER EXTERIOR WALLS MINIMIZE THERMAL BRIDGES. AN UNOBSTRUCTED VENTILATION SPACE MUST BE PROVIDED OVER EXTERIOR WALLS TO ALLOW UNIMPEDED AIR FLOW FORM SOFFIT

## 900mm (35")

**ROOF-WALL JUNCTIONS** 

OBC 9.26.4.1. FLASHING REQUIRED AT ALL

ATTIC HATCHES SHALL NOT BE

LESS THAN 550mm (21 5") BY

#### **INTERIOR FINISH OF EXITS**

THE FLAME SPREAD RATING OF WALL OR CEILING FINISH IN AN **EXIT MUST NOT EXCEED 25.** 

#### **INTERIOR FINISH (EXCEPT EXITS)**

FLAME SPREAD RATING OF INTERIOR FINISH MATERIALS SHALL NOT EXCEED  $\underline{150}$  ON WALLS AND  $\underline{150}$  ON CEILINGS. COMBUSTIBLE WALL AND CEILING FINISHES SUCH AS WOOD, PLYWOOD, PLASTIC, FABRIC, CARPET, ETC. MUST BE APPROVED BY THE INSPECTOR PRIOR TO THE INSTALLATION.

#### **DIV.B. 9.10.14.1 EXPOSING BUILDING FACE OF HOUSES**

UNPROTECTED OPENINGS IN THE EXPOSING BUILDING FACE SHALL NOT BE PERMITTED IF THE LIMITING DISTANCE IS LESS THAN 1.2m (3'11") AND SHALL BE LIMITED IN CONFORMANCE WITH THE REQUIREMENTS FOR UNPROTECTED OPENINGS IN DIV. B ARTICLE 9.10.15.1. WHERE THE LIMITING DISTANCE IS 1.2m (3'11") OR GREATER.

THE EXPOSING BUILDING FACE SHALL HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 MINUTES WHERE THE LIMITING DISTANCE IS LESS THAN

### ATTACHED OR BUILT-IN GARAGE

THE SEPARATION BETWEEN THE GARAGE AND DWELLING UNIT SHALL BE CONSTRUCTED AS AN EFFECTIVE BARRIER TO GAS AND EXHAUST FUMES. THE DOOR BETWEEN THE GARAGE AND DWELLING UNIT SHALL BE EXTERIOR TYPE, TIGHT FITTING AND WEATHER-STRIPPED TO PROVIDE AN EFFECTIVE BARRIER AGAINST THE PASSAGE OF GAS AND EXHAUST FUMES AND SHALL BE FITTED WITH AN APPROVED SELF CLOSING DEVICE

STAIR TYPE	mm, ALL STEPS	MINL RISE, mm, ALL STEPS	RECTANGULAR TREADS	MIN. RUN, mm RECTANGULAR TREADS	WIDTH, mm	mm
PRIVATE STAIRS	200	125	355	255	860	1950
PUBLIC STAIRS	180	125	NO LIMIT	280	900	2050
SERVICE STAIRS	NO LIMIT	125	355	NO LIMIT	900	2050
STAIR TO UNOCCUPIED ATTIC SPACE	NO LIMIT	125	355	NO LIMIT	860	1950
STAIRS TO CRAWL SPACE	NO LIMIT	125	355	NO LIMIT	860	1950
STAIRS THAT SERVE MEZZANINES NOT EXCEEDING 20 m2	NO LIMIT	125	355	NO L <b>IMI</b> T	WIDTH AS PER DIV B 9.8.2.1.(3)	l

#### RESISTANCE TO FORCED ENTRY 2012 O.B.C. DIV B. 9.7.5.2. & 9.7.5.3.

A return air inlet shall be located in any room where at least 1/2 of the floor area is located over an unconditioned space (e.g. room over a garage)

- 1. SWINGING DOORS PROVIDING ACCESS TO DWELLING UNITS SHALL SATISFY THE REQUIREMENTS FOR RESISTANCE TO FORCED ENTRY AS DESCRIBED IN SUBSECTION 9.7.5.2.
- 2. WINDOWS IN DWELLING UNITS THAT ARE LOCATED WITHIN 2M OF ADJACENT GROUND LEVEL SHALL CONFORM TO THE REQUIREMENTS FOR RESISTANCE TO FORCED ENTRY AS DESCRIBED IN CLAUSE 5.3.5.OF AAMA/WDMA/CSA 101/I.S.2/A440.

2012 Code 9.8.8.1.(8)(a)(b) Windows over Stairs, Ramps and Landings

(2) In dwelling units, glazing installed over stairs, ramps and landings that extend to less than 900 mm (2 ft 11 in) above the surface to the treads, ramp or landing shall be,

- (a) protected by guards, in accordance with this Subsection, or
- (b) non-openable and designed to withstand the specified lateral loads for *guards* as provided in Article 4.1.5.14.

#### STRUCTURAL ALTERATIONS

2012 OBC DIV. B, 9.8.2.1. to 9.8.4.7. STAIR DIME

ALL STRUCTURAL ALTERATIONS MUST BE FIELD REVIEWED BY A PROFESSIONAL ENGINEER IF REQUIRED BY THE BUILDING INSPECTOR

#### FINISHED SITE GRADING

THE BUILDING SHALL BE LOCATED AND THE BUILDING SITE GRADED SO THAT WATER WILL NOT ACCUMULATE AT OR NEAR THE BUILDING AND WILL NOT ADVERSELY AFFECT ANY ADJACENT PROPERTIES.

> **A CURSORY REVIEW OF THE** STRUCTURAL ELEMENTS HAS **BEEN COMPLETED AND IS RELIANT ON ENGINEER'S CERTIFICATION OF**

#### 9.5.2.3. **STUD WALL REINFORCEMENT**

- (1) IF WOOD WALL STUDS OR SHEET STEEL WALL STUDS ENCLOSE THE MAIN BATHROOM IN A DWELLING UNIT, REINFORCEMENT SHALL BE INSTALLED TO PERMIT THE FUTURE INSTALLATION OF A GRAB BAR ON A WALL ADJACENT TO,
  - (a) A WATER CLOSET IN THE LOCATION REQUIRED BY CLAUSE 3.8.3.8.(1)(d), AND
  - (b) A SHOWER OR BATHTUB IN THE LOCATION BY CLAUSE 3.8.3.13.(1)(f).

(SEE APPENDIX A.)

The Corporation of the City of Oshawa, 50 Centre Street South, Oshawa, Ontario L1H 3Z7 1.800.667.4292 Fax 905.436.5623 Phone 905.436.5658

#### Strip Footings

### 23 Type Height Wall Details - max. 18'-0" tall wall nailed together and spaced at 12" o/c full height c/w solid For Singles and Semi-Detached Houses up to 2

#### For 8" or 10" foundation walls with 2x8 / 2x10 floor joists

20" wide x 6" thick concrete strip footings below foundation walls 24" wide x 8" thick concrete strip footings below party walls.

dation walls with engineered joists over 16' spans 24" wide x 8" thick concrete strip footings below party walls.

#### Footings on engineered fill

wide x 8" thick concrete strip footings with reinforcing below exterior walls. 30" wide x 8" thick concrete strip footings with reinforcing below party walls. efer to the footings details on engineered fill)

#### Assume the larger footing size when two conditions apply.

Assumed 120 kPa (18 psi) soil bearing capacity or 90 kPa engineered soil fill. Bearing capacity to be verified on site.

#### Concrete Pad Footing Sizes

120 kPc	Native Soil	90 kPa Engineered
	x 42" x 18"	<b>F1</b> = 48" x 48" x 20"
F2 = 36	'x 36" x 16"	<b>F2</b> = 40" x 40" x 16"
F3 = 30''	'x 30" x 12"	<b>F3</b> = 34" x 34" x 14"
<b>F4</b> = 24"	x 24" x 12"	<b>F4</b> = 28" x 28" x 12"
<b>F5</b> = 16"	x 24" x 12" x 16" x 8"	$F5 = 18" \times 18" \times 8"$
1		

Refer to the floor plans for non-standard footing sizes.

#### Brick Veneer Cuts

When the brick veneer cut is greater than 26" a 10" thick poured concrete foundation wall is required.

#### Exterior Concrete Slabs

All garage slabs, porch slabs, poured concrete stairs and exposed concrete flat work to be 32 MPa with 5-8% air entrainment.

#### Ceramic Tile over Joists

Space conventional floor joists @ 12" o/c below all ceramic tile areas. Provide 1 row of bridging for spans of 5'-7" and 2 rows for spans greater than 7'-0".

#### **Engineered Roof Trusses**

Refer to the roof truss shop drawings for all roof framing information

#### **Engineered Floor Joists**

Refer to the floor framing shop drawings for engineered framing layouts. hardware

#### Steel Column Notes

C1 =  $4" \times 4" \times \frac{1}{4}$ " HSS w/  $10" \times 8" \times \frac{1}{2}$ " base plate and  $2 - \frac{3}{4}$ " dia. anchor bolts. C2 =  $5" \times 5" \times \frac{1}{4}$ " HSS w/ 12" x 12" x  $\frac{1}{2}$ " base plate and  $4 - \frac{3}{4}$ " dia. anchor bolts.

Use 4 bolts for moment connection.

"M" = Moment connection at beam and column = 35 kN-m

#### Grading

Plans and elev grading plan. ations are not drawn to accurate grade elevations. Refer to final

#### Door Schedule

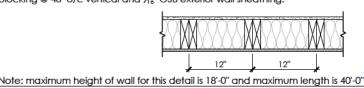
_ D	<b>J</b> OI .	JCII	Cabic	•	
No.	o. Width		Ceiling Heights		Type
			8' to 9'	10' or more	
1	2'-10"	(34")	6'-8"	8'-0"	Insulated entrance door
1A	2'-8"	(32")	6'-8"	8'-0"	Insulated entrance door
2	2'-8"	(32")	6'-8"	8'-0"	Wood and glass door
3	2'-8"	(32")	6'-8"	8'-0"	Exterior slab door
4	2'-8"	(32")	6'-8"	8'-0"	Interior slab door
5	2'-6"	(30")	6'-8"	8'-0"	Interior slab door
6	2'-2"	(26")	6'-8"	8'-0"	Interior slab door
7	1'-6"	(18")	6'-8"	8'-0"	Interior slab door

#### Garage Wall - 2x4 Stud Design

Guid	ige wuii	- 284	oluu Desigi
Studs	Spacing	Maxim	num Height
	16" o/c	8'-0	(2.44m)
2x4	12" o/c	8'-10"	(2.69m)
2-2x4	16" o/c	10'-1"	(3.07m)
2-2x4	12" o/c	10'-9"	(3.28m)
3-2x4	16" o/c	11'-2"	(3.40m)
20.4	1011 - /-	10' 4"	(2.7/)

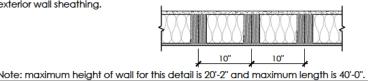
- For roof design snow loads of 2.6kPa
- Supported roof truss length of 6.0m
- Supported floor joist length of 2.5m
- Studs exceeding 3.0m in height shall be installed per OBC 9.23.10.1.(2)

blocking @ 48" o/c vertical and 7/6" OSB exterior wall sheathing.



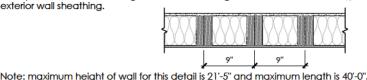
## Two Storey Height Wall Detail - max. 20'-2" tall

2-1½" x 5½" Laminated strand lumber (LSL) 1.5E stud wall glued and nailed together and spaced at 10" o/c full height c/w solid blocking @ 8'-0" o/c vertical and  $\%_6$ " OSB



#### Two Storey Height Wall Detail - max. 21'-5" tall

2 - 1 ½" x 5 ½" Laminated strand lumber (LSL) 1.5E stud wall glued and nailed together and spaced at 9" o/c full height c/w solid blocking @ 8"-0" o/c vertical and  $\%_{\delta}$ " OSB exterior wall sheathing.



#### Steel Angles and Wood Beam Schedules

#### Brick Veneer Steel Lintels + Wood Lintels and Beams

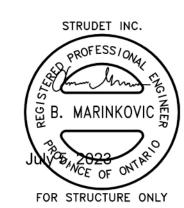
Label	Steel Angle Size $(v \times h \times t)$		Wood Size (members + w + h)
WL1 =	3½" x 3½" x½" (89 x 89 x 6.4) [2]	+	2 - 2 x 8 (2 - 38 x 184) S.P.F. No. 2
WL2 =	$4" \times 3\frac{1}{2}" \times \frac{5}{16}" (102 \times 89 \times 7.9)$ [?]	+	2-2x8 (2-38x184) S.P.F. No. 2
WL3 =	$5" \times 3 \frac{1}{2}" \times \frac{5}{16}" (127 \times 89 \times 7.9) [4]$	+	2 - 2 x 10 (2 - 38 x 235) S.P.F. No. 2
WL4 =	6" x 3 ½" x ¾" (152 x 89 x 9.5) [?]	+	2 - 2 x 12 (2 - 38 x 286) S.P.F. No. 2
WL5 =	6" x 4" x 3/8" (152 x 102 x 9.5) [?]	+	2 - 2 x 12 (2 - 38 x 286) S.P.F. No. 2
WL6 =	5" x 3½" x 5/6" (127 x 89 x 7.9) [4]	+	2 - 2 x 12 (2 - 38 x 286) S.P.F. No. 2
<b>WL7</b> =	5" x 3½" x 5/6" (127 x 89 x 7.9) [4]	+	3 - 2 x 10 (3 - 38 x 235) S.P.F. No. 2
WL8 =	5" x 3½" x 5/6" (127 x 89 x 7.9) [4]	+	3 - 2 x 12 (3 - 38 x 286) S.P.F. No. 2
<b>WL9</b> =	6" x 4" x 3/8" (152 x 102 x 9.5) [?]	+	3 - 2 x 12 (3 - 38 x 286) S.P.F. No. 2

#### **Wood Lintels and Beams**

Label		Beam Size (members + w + h)				
WB1	=	2-2×8 (	2 - 38 x 184)	S.P.F. No. 2		
WB2	=	3-2×8 (	3 - 38 x 184)	S.P.F. No. 2		
WB3	=	2-2×10 (	2 - 38 x 235)	S.P.F. No. 2		
WB4	=	3-2×10 (	3 - 38 x 235)	S.P.F. No. 2		
WB5	=	2-2×12 (	2 - 38 x 286)	S.P.F. No. 2		
WB6	=	3-2×12 (	3 - 38 x 286)	S.P.F. No. 2		
WB7	=	5-2×12 (	5 - 38 x 286)	S.P.F. No. 2		
WB11	=	4-2×10 (4	4 - 38 x 235)	S.P.F. No. 2		
WB12	=	4-2×12 (	4 - 38 x 286)	S.P.F. No. 2		

#### Laminated Veneer Lumber (LVL) Beams

Lami	nai	eu veneer L	ullipei (ra
Label		Beam Size (mer	mbers + w + h
LVL1A	=	1-1¾"x7½"	(1 - 45 x 184)
LVL1	=	2-13/4" x 71/2"	(2 - 45 x 184)
LVL2	=	3-1¾"x7½"	(3 - 45 x 184)
LVL3	=	4-1¾"x7½"	(4 - 45 x 184)
LVL4A	=	1-1¾"x9½"	(1 - 45 x 240)
LVL4	=	2-1¾"x9½"	(2 - 45 x 240)
LVL5	=	3-1¾"x9½"	(3 - 45 x 240)
LVL5A	=	4-1¾"x9½"	(4 - 45 x 240)
LVL6A	=	1 - 1 3/4" x 11 7/8"	(1 - 45 x 300)
LVL6	=	2-13/4" x 11 1/8"	(2 - 45 x 300)
LVL7	=	3-13/4" x 11 1/8"	(3 - 45 x 300)
LVL7A	=	4-13/4" x 11 1/8"	(4 - 45 x 300)
LVL8	=	2 - 1 3/4" x 14"	(2 - 45 x 356)
LVL9	=	3 - 1 3/4" x 14"	(3 - 45 x 356)
LVL9A	=	2 - 1 3/4" x 16"	(2 - 45 x 406)
LVL9B	=	3 - 1 3/4" x 16"	(3 - 45 x 406)
LVL10	=	2 - 1 3/4" x 18"	(2 - 45 x 456)
١.			



**Loose Steel Lintels** 

Label		Steel Size (v x h	x t)
L1	=	3½" x 3½" x½"	(89 x 89 x 6.4) [2]
L2	=	4" x 3 ½" x ¾;"	(102 x 89 x 7.9) [?]
L3	=	5" x 3½" x ¾;"	(127 x 89 x 7.9) [4]
L4	=	6" x 3½" x ¾"	(152 x 89x 9.5) [?]
L5	=	6" x 4" x 3/8"	(152 x 102 x 9.5) [3
L6	=	7" x 4" x ¾"	(178 x 102 x 9.5) [3

#### Glue-Laminated Floor Beams Label Beam Size (w x h)

GLU1 = 3 1/8" x 11 1/8" (80 x 300) **GLU2** =  $5\frac{1}{8}$ " x 11 $\frac{7}{8}$ " (130 x 300)

#### Minimum Thermal Performance

The minimum thermal performance of building envelope and equipment shall conform to the following.

#### Prescriptive Package A1

Space Heating Fuel

	ĸ	Max. U	K
Component	Max. Nominal		Min. Effective
Ceiling with Attic Space	60	0.017	59.22
Ceiling without Attic Space	31	0.036	27.65
Exposed Floor	31	0.034	29.80
Walls Above Grade	22	0.059	17.03
Basement Walls	20 ci	0.047	21.12
Below Grade Slab Entire Surface > 600 mm Below Grade	-	-	-
Heated Slab or Slab <= 600 mm Below Grade	10	0.090	11.13
Edge of Below Grade Slab <= 600 mm Below Grade	10		
Windows and Sliding Glass Doors Skylights Space Heating Faulpment	Energy rating: Max. U: Min. AFAU:	25 0.49 96%	Max. U: 0.28

Min. SRE:

Min. EF:

75%

0.80

## **Area Calculations**

### Rose 3-1

Domestic Water Heater

Ground Floor	1416 sq ft, 131.55 sq m
Second Floor	1701 sq ft, 158.03 sq m
Total floor area	3117 sq ft, 289.58 sq m

24 sq ft, 2.23 sq m 0 sq ft, 0.00 sq m Total open to below Finished basement Total gross floor area 3141 sq ft, 291.81 sq m

Coverage Areas 1416 sq ft, 131.55 sq m 399 sq ft, 37.07 sq m Ground floor Garage 74 sq ft, 6.87 sq m 0 sq ft, 0.00 sq m Other structures Coverage w/o porch 1815 sq ft. 168.62 sq m 1889 sq ft, 175.49 sq m Coverage w/ porch

## **SB-12 Calculations**

#### Rose 3-1

KO3C O-	I	
Elevation	Wall Area	V
Front	704.9 sq ft (65.5 sq m)	9
Left side	1145.8 sq ft (106.5 sq m)	4
Right side	1164.8 sq ft (108.2 sq m)	4
Rear	704.9 sa ft (65.5 sa m)	1

Percentage Window Area 90.3 sq ft (8.4 sq m) 47.2 sq ft (4.4 sq m) 12.81% 4.12% 46.8 sq ft (4.3 sq m) 132.6 sq ft (12.3 sq m) 4.02% 18.82% 3720.4 sq ft (345.6 sq m) 316.9 sq ft (29.4 sq m) 8.52%

#### **Area Calculations** Rose 3-2

KO3C O-Z	_
Ground Floor	1416 sq ft, 131.55 sq r
Second Floor	1701 sq ft, 158.03 sq r
Total floor area	3117 sq ft, 289.58 sq r

24 sq ft, 2.23 sq m Total open to below Finished basement 0 sa ft, 0.00 sa m Total gross floor area 3141 sq ft, 291.81 sq m

Coverage Areas Ground floor 1416 sq ft, 131.55 sq m Garage Porch 400 sq ft, 37.16 sq m 74 sq ft, 6.87 sq m Other structures 0 sa ft, 0.00 sa m 1816 sq ft, 168.71 sq m 1890 sq ft, 175.59 sq m Coverage w/ porch

## SB-12 Calculations

#### Rose 3-2

Wall Area	Window Area	Percen
704.9 sq ft (65.5 sq m)	86.7 sq ft (8.1 sq m)	12.30%
1172.3 sq ft (108.9 sq m)	47.2 sq ft (4.4 sq m)	4.03%
1164.8 sq ft (108.2 sq m)	46.8 sq ft (4.3 sq m)	4.02%
704.9 sq ft (65.5 sq m)	132.6 sq ft (12.3 sq m)	18.82%
3746.9 sq ft (348.1 sq m)	313.3 sq ft (29.1 sq m)	8.36%
	704.9 sq ft (65.5 sq m) 1172.3 sq ft (108.9 sq m) 1164.8 sq ft (108.2 sq m) 704.9 sq ft (65.5 sq m)	704.9 sq ft (65.5 sq m) 86.7 sq ft (8.1 sq m) 1172.3 sq ft (108.9 sq m) 47.2 sq ft (4.4 sq m) 1164.8 sq ft (108.2 sq m) 46.8 sq ft (4.3 sq m) 704.9 sq ft (65.5 sq m) 132.6 sq ft (12.3 sq m)

#### **Area Calculations** Rose 3-3

Ground Floor	1416 sq ft, 131.55 sq m
Second Floor	1701 sq ft, 158.03 sq m
Total floor area	3117 sq ft, 289.58 sq m

Total open to below 24 sq ft, 2.23 sq m 0 sa ft. 0.00 sa m 3141 sq ft, 291.81 sq m Total gross floor area

Coverage Areas 1416 sa ft, 131.55 sa m Ground floor Garage 399 sq ft, 37.07 sq m 74 sq ft, 6.87 sq m 0 sq ft, 0.00 sq m 1815 sq ft, 168.62 sq m Other structures Coverage w/o porch Coverage w/ porch 1889 sq ft, 175.49 sq m

SB-12 Calculations Rose 3-3

Elevation	wali Area
Front	704.9 sq ft (65.5 sq m)
Left side	1171.1 sq ft (108.8 sq m)
Right side	1164.8 sq ft (108.2 sq m)
Rear	704.9 sq ft (65.5 sq m)
Total	3745.7 sq ft (348.0 s

91.5 sq ft (8.5 sq m) 47.2 sq ft (4.4 sq m) 12.98% 4.03% 46.8 sa ft (4.3 sa m) 4.02% 18.82% 3745.7 sq ft (348.0 sq m) 318.1 sq ft (29.6 sq m) 8.49%

Window Area

Rose 3 Compliance Package A1

Percentage 12.30%

Percentage

ΙKE	Kevisions			
#	Description	Date	Ву	
1.	Issued for client review	2023-04-28	J٨	
	Issued for p. eng. review	2023-06-19	J٨	
	Issued for permit	2023-07-06	J۱	

Contractor shall check all dimensions and elevations before commencing vith work and report any discrepancies to the Designer. Prints are not to

The undersigned has reviewed and takes responsibility for this design, as well as having the qualifications and requirements mandated by the Ontario Building Code (O.B.C.) to be a Designer.

#### **Qualification Information**

lamie Mack	35923	· Wad
Name	BCIN	Signature
Registration Information	Mackitecture	103532



Tel: 416-735-8190 Email: info@mackitectu

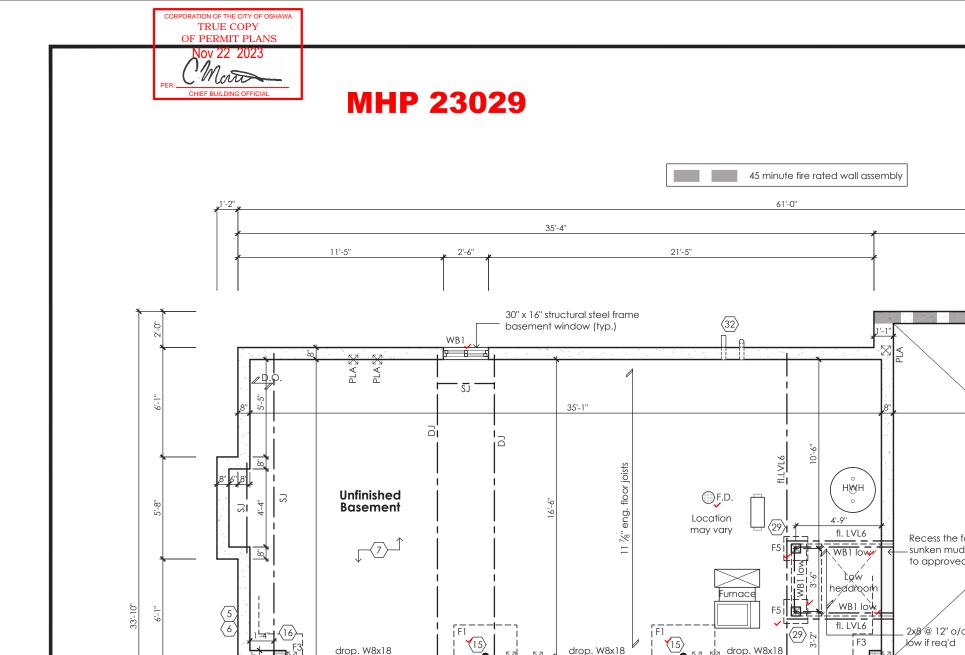
## **General Notes and Charts Elevation 1**

40' Single 2023-07-06 22-012 **<b>\***Greenpark

www.greenparkgroup.ca

Zadorra Estates Inc.

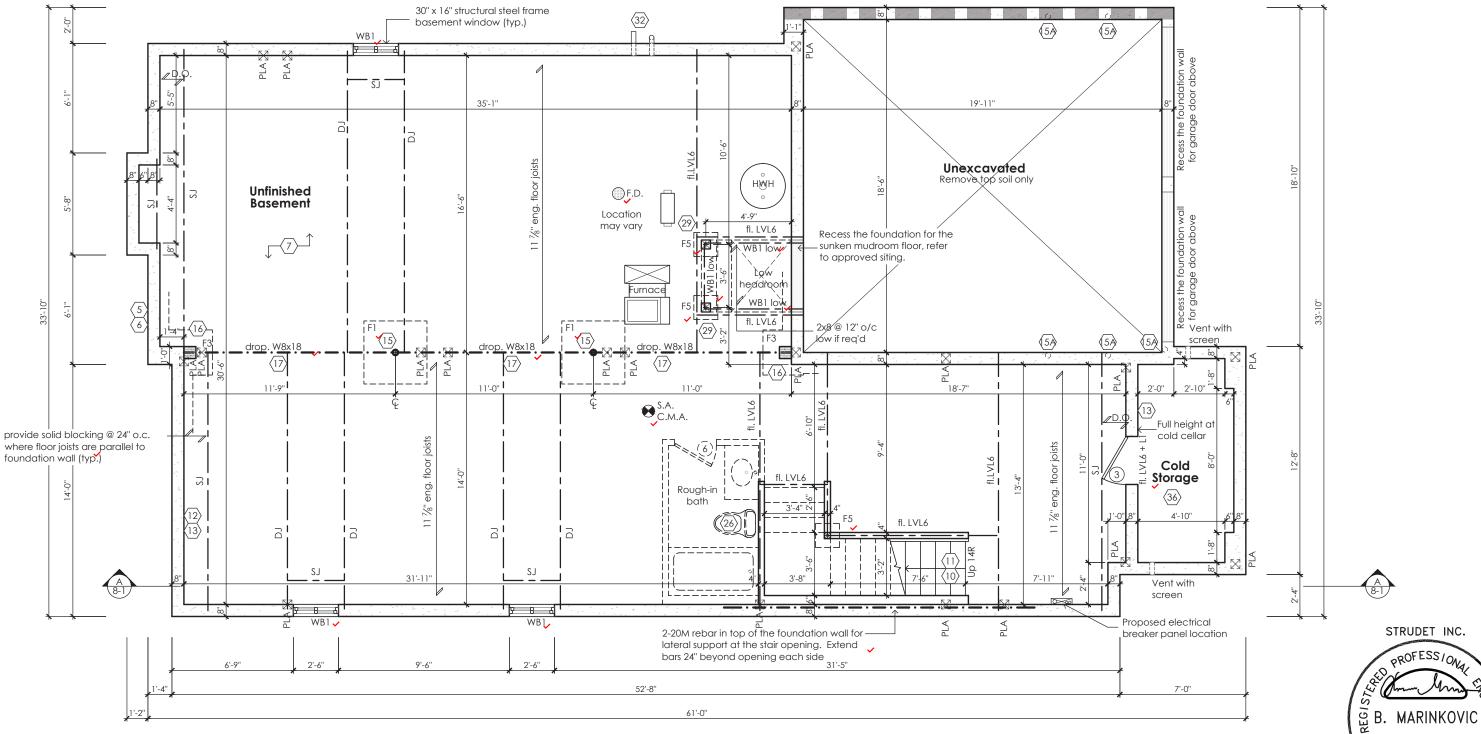
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JOHN G. WILLIAMS LTD., ARCHITEC DATE: JUL 31, 2023



FOR STRUCTURE ONLY

Rose 3 Compliance Package A1

NCE OF ONTAR

The undersigned has reviewed and takes responsibility for this design, as well as having the qualifications and requirements mandated by the Ontario Building Code (O.B.C.) to be a Designer. **Qualification Information** Contractor shall check all dimensions and elevations before commencing with work and report any discrepancies to the Designer. Prints are not to BCIN Mackitecture

Basement Plan '1'



Basement Floor Plan				
	Elevo	ıtion 1		
cale	by	area	sheet no.	
3/16" = 1'-0"	JW	3141 sq ft		pr
date	type	project no.	1 1-1	
2023-06-30	40' Single	22-012		

**\*Greenpark** 

www.greenparkgroup.ca

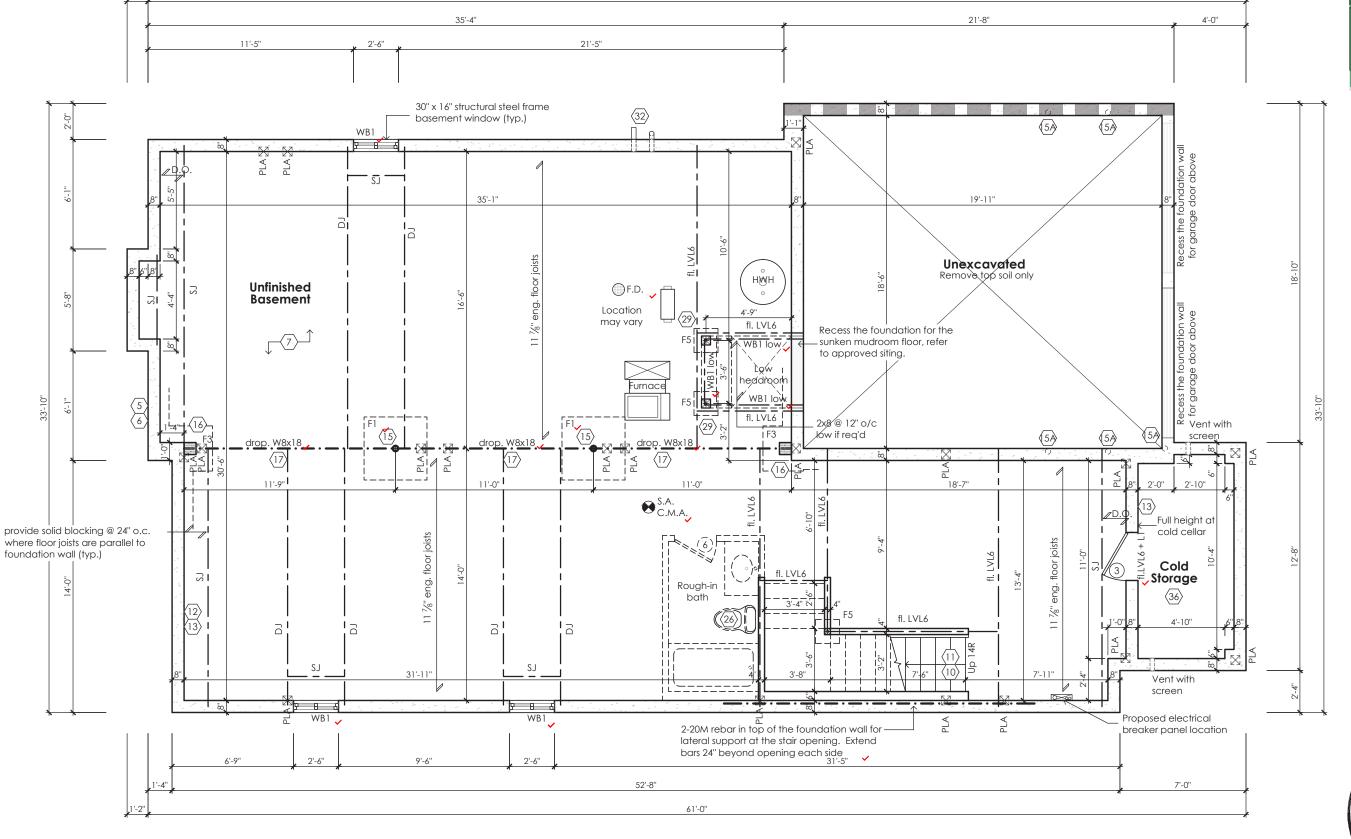


## **MHP 23029**

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This stamp certifies compliance with the application Design Guidelines only and bears no furth professional responsibility.



45 minute fire rated wall assembly

Basement Plan '2'

Contractor shall check all dimensions and elevations before commencing with work and report any discrepancies to the Designer. Prints are not to

FOR STRUCTURE ONLY

STRUDET INC.

PROFESS/ON

일 B. MARINKOVIC

Rose 3
Compliance Package A1

The undersigned has reviewed and takes responsibility for this design, as well as having the qualifications and requirements mandated by the Ontario Building Code (O.B.C.) to be a Designer.

Qualification Information

Jamie Mack 35923 Signature

Registration Information Mackitecture 103532

www.mackitecture.ca
975A Elgin Street West, Suite 353
Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

**\***Greenpark

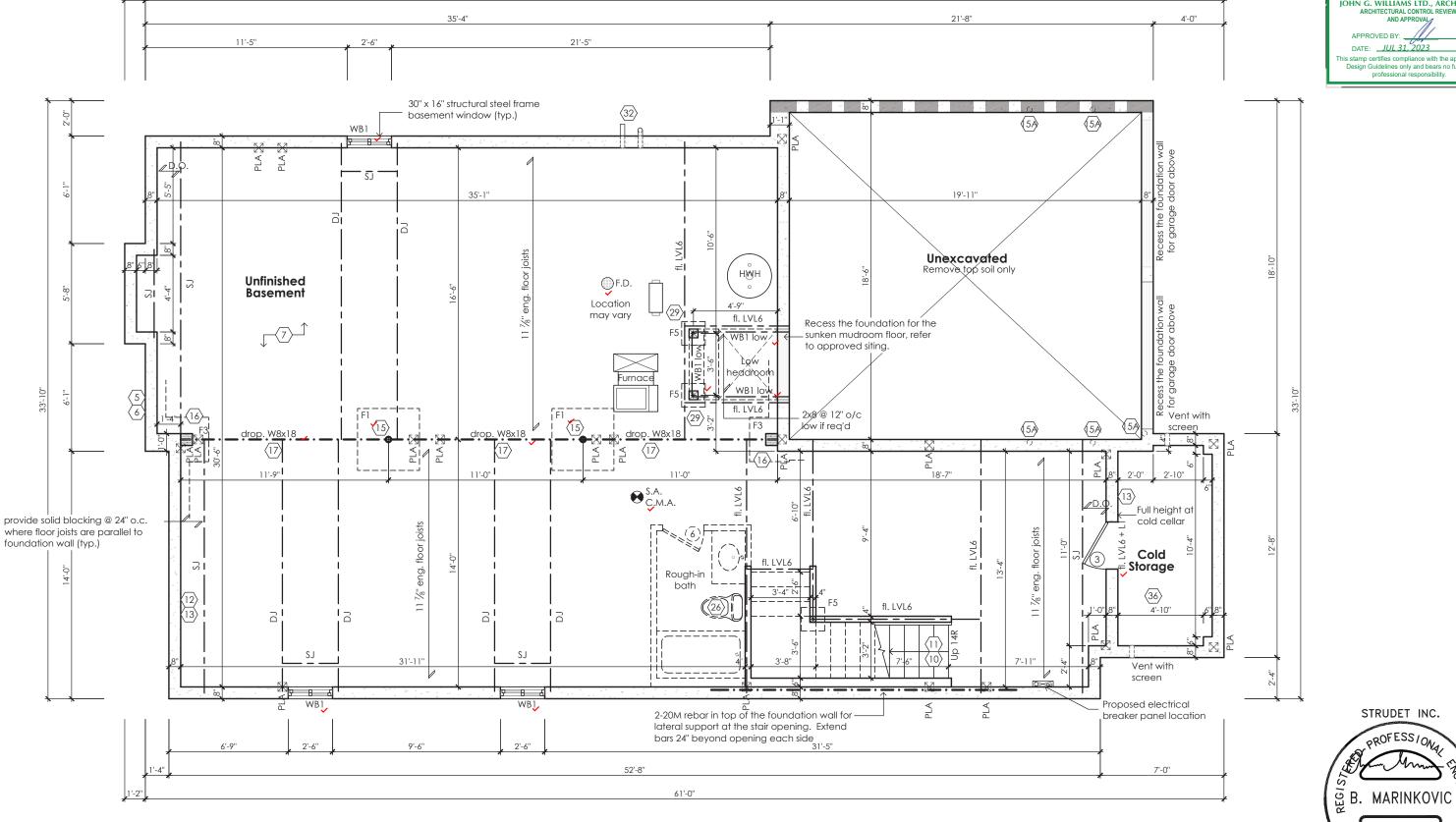
www.greenparkgroup.ca



## **MHP 23029**

JOHN G. WILLIAMS LTD., ARCHITEC

DATE: JUL 31, 2023



45 minute fire rated wall assembly

Basement Plan '3'

FOR STRUCTURE ONLY Rose 3

STRUDET INC.

PROFESS/ON

St 2023 NCE OF ONTAR

Compliance Package A1 **Basement Floor Plan** 

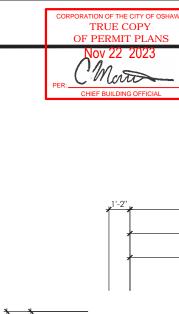
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www.mackitecture.ca 975A Elgin Street West, Suite 353 Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

**Elevation 3** 3/16" = 1'-0" 3141 sq ft 1-3 40' Single 2023-06-30 22-012

**<b><b>Greenpark** 

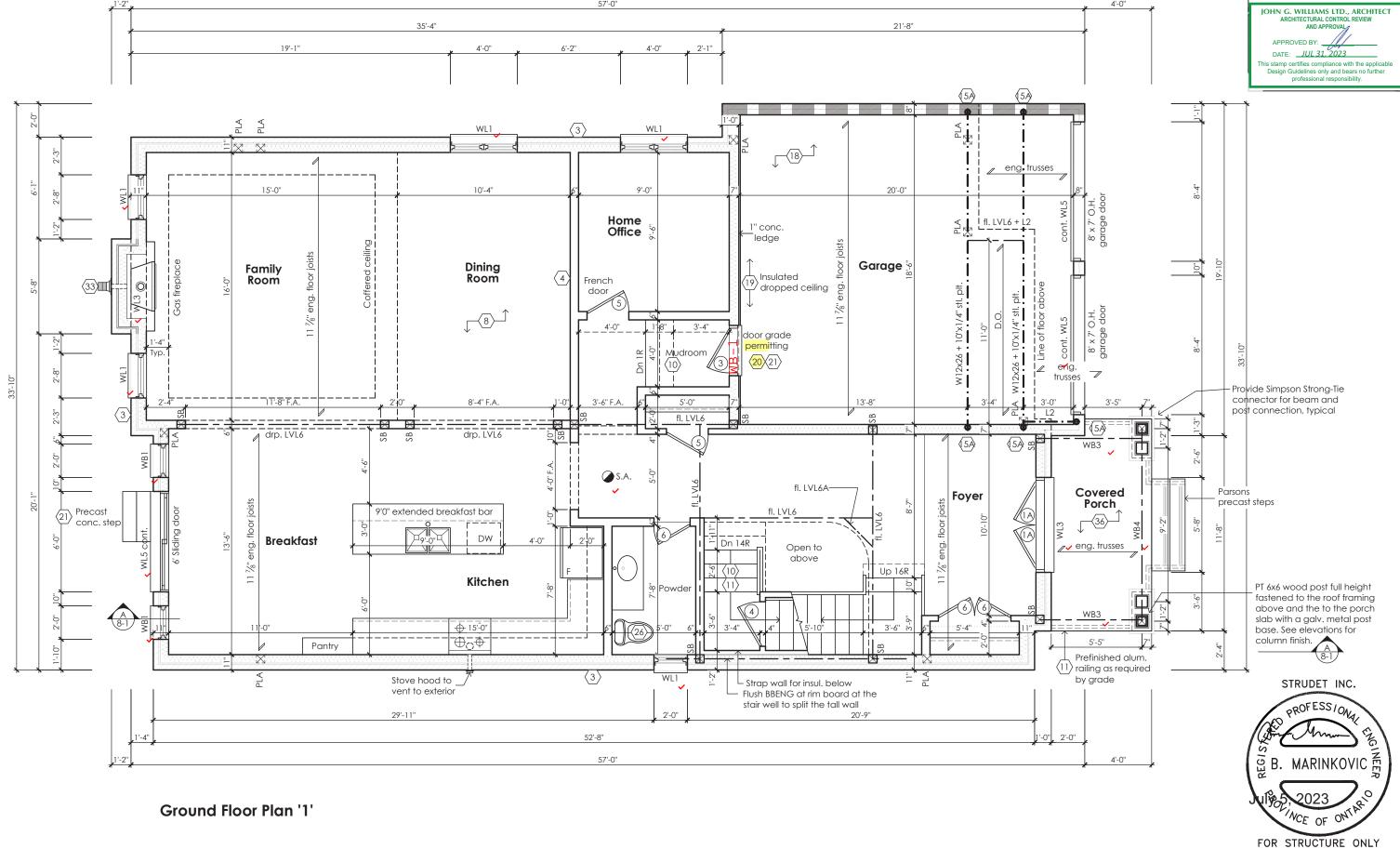
www.greenparkgroup.ca



## **MHP 23029**

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45 minute fire rated wall assembly

Rose 3

Compliance Package A1

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Qualification Information

Jamie Mack 35923

Name BCIN Signature

Registration Information Mackitecture 103532



Ground Floor Plan

Elevation 1

Scale
3/16" = 1'-0"

JM

3141 sq ft

date
2023-06-30

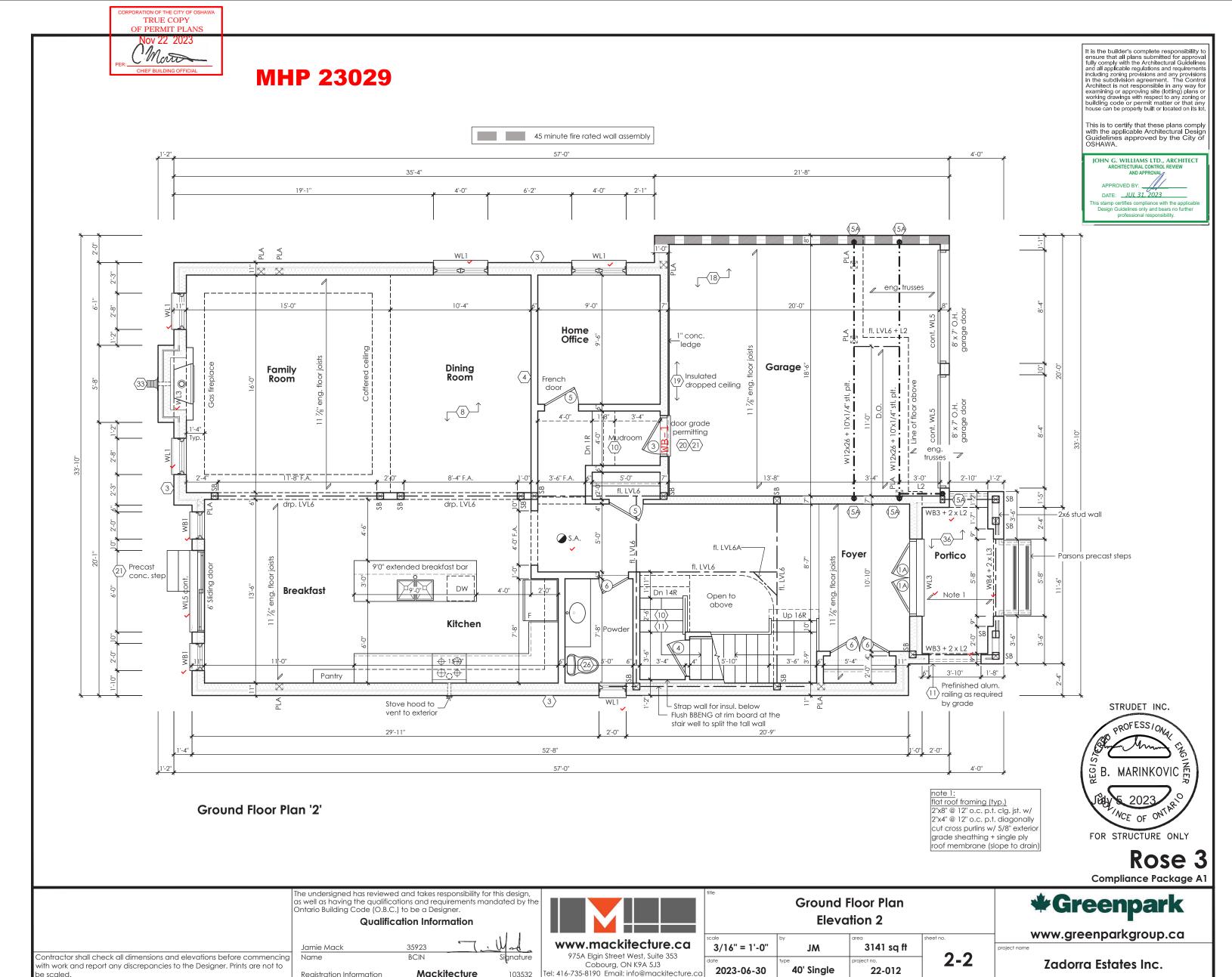
40' Single

22-012

2-1

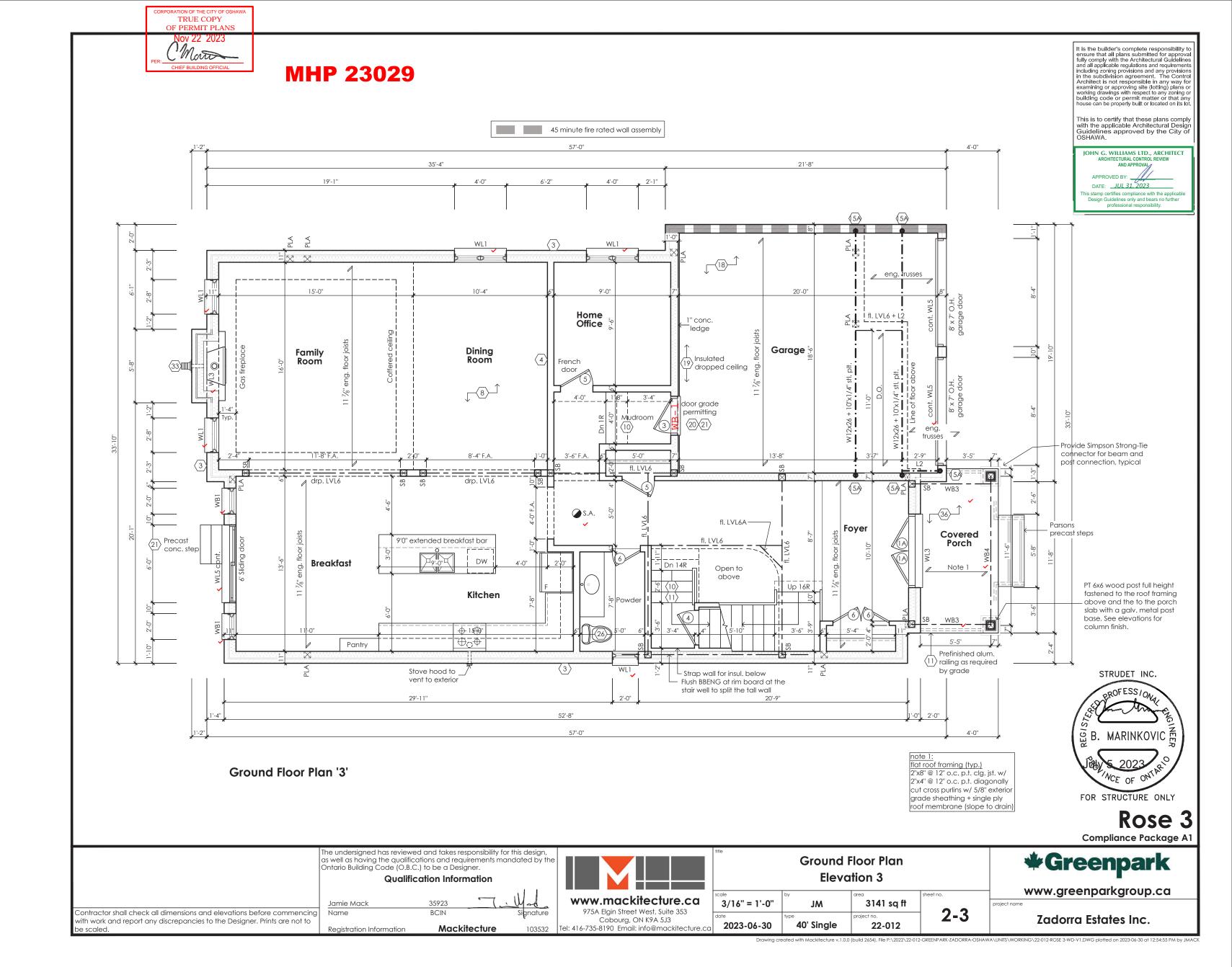
**<b>Greenpark** 

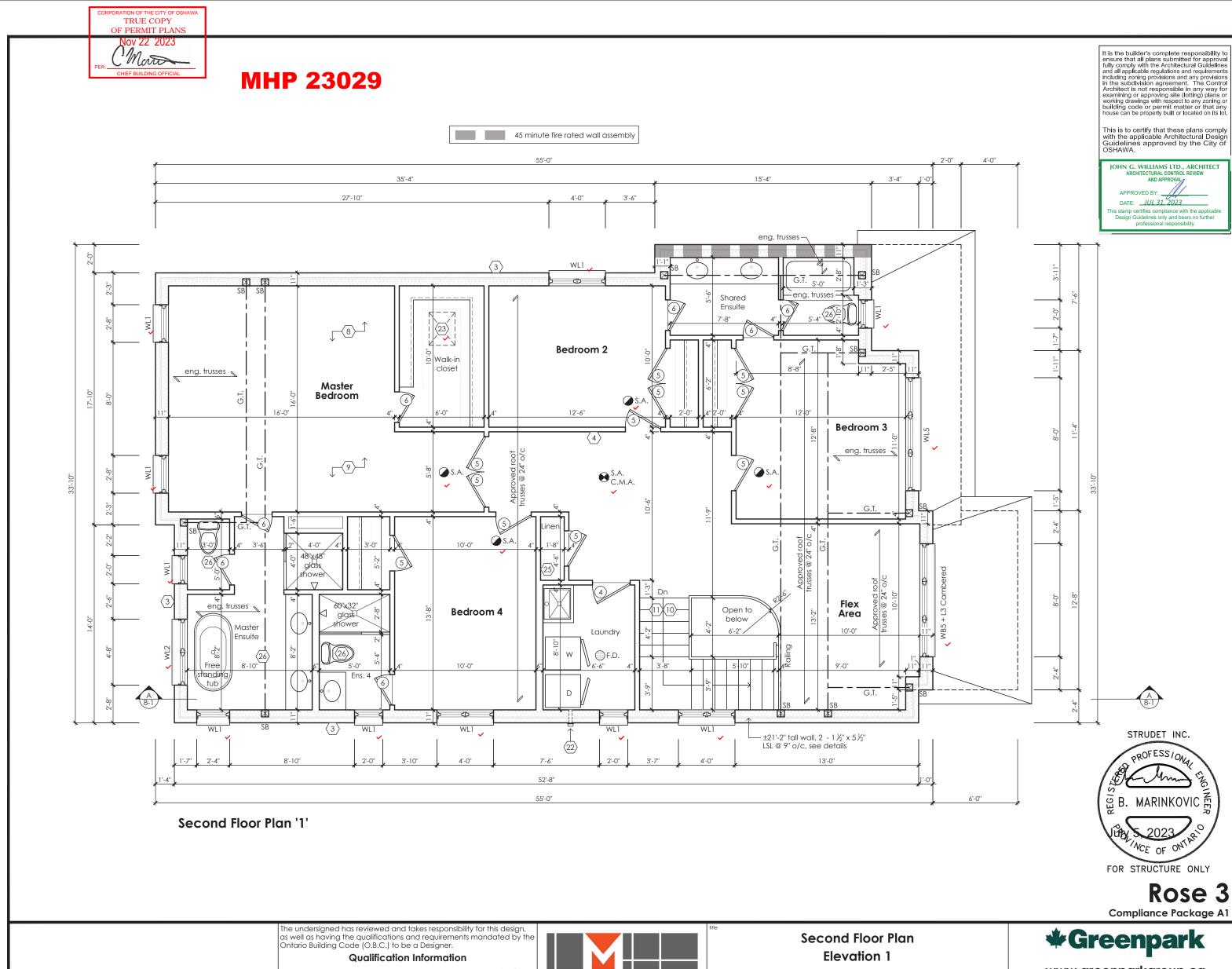
www.greenparkgroup.ca



Mackitecture

40' Single 22-012



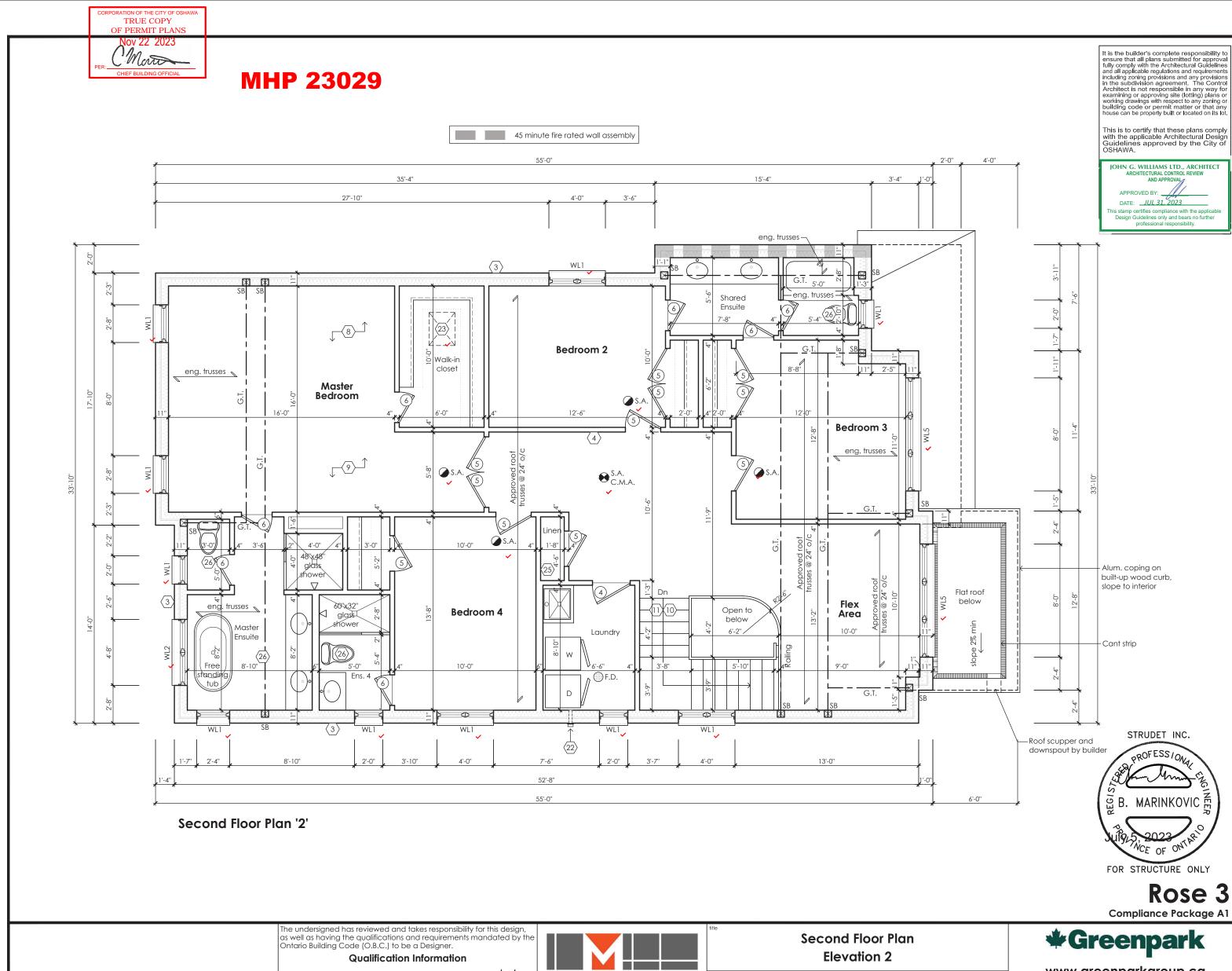


www.greenparkgroup.ca

3/16" = 1'-0" 3141 sq ft 3-1 40' Single 2023-06-30 22-012

Contractor shall check all dimensions and elevations before commencing with work and report any discrepancies to the Designer. Prints are not to

www.mackitecture.ca 975A Elgin Street West, Suite 353 BCIN Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca Mackitecture

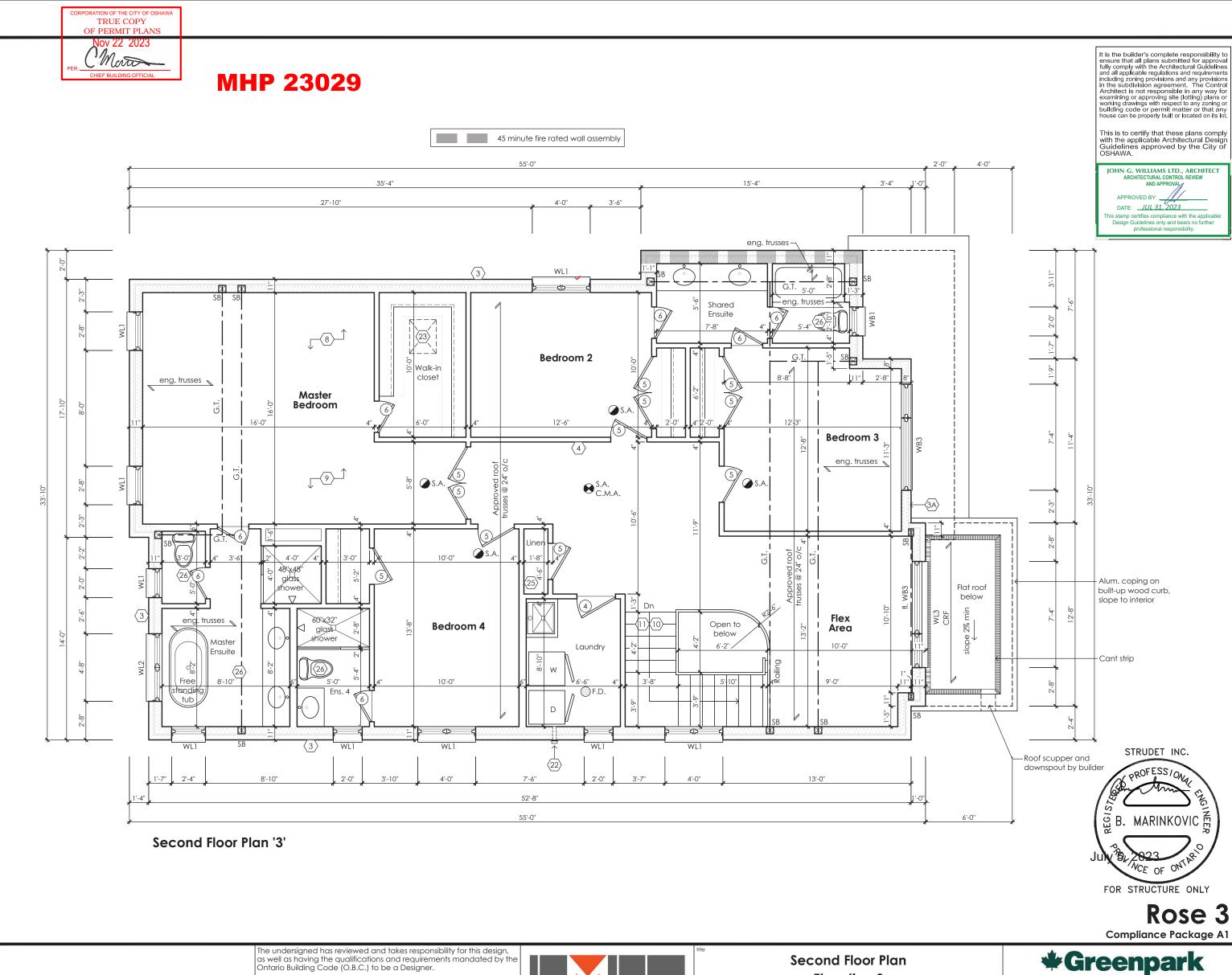


www.greenparkgroup.ca

3/16" = 1'-0" 3141 sq ft 3-2 40' Single 2023-06-30 22-012

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www.mackitecture.ca 975A Elgin Street West, Suite 353 Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

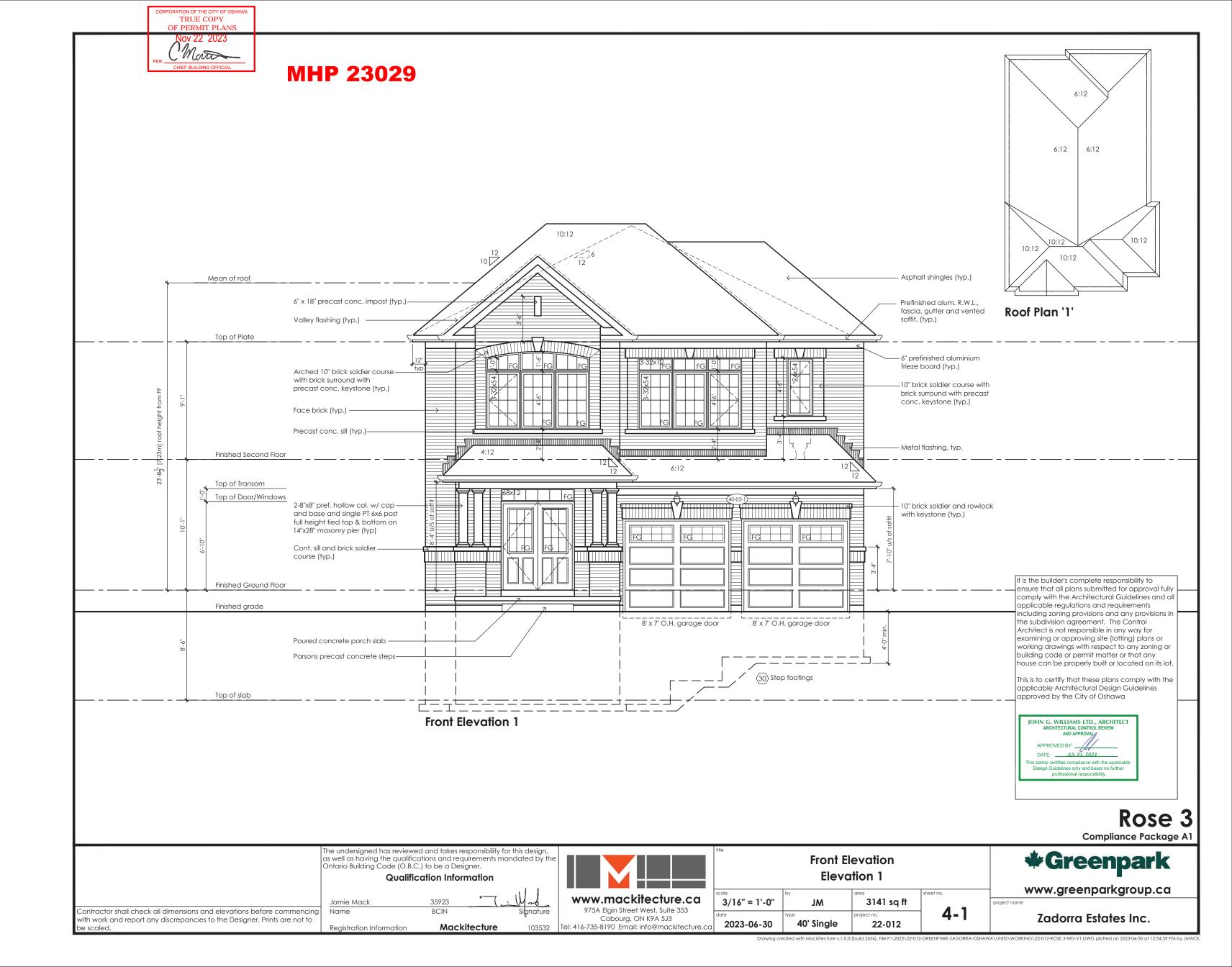


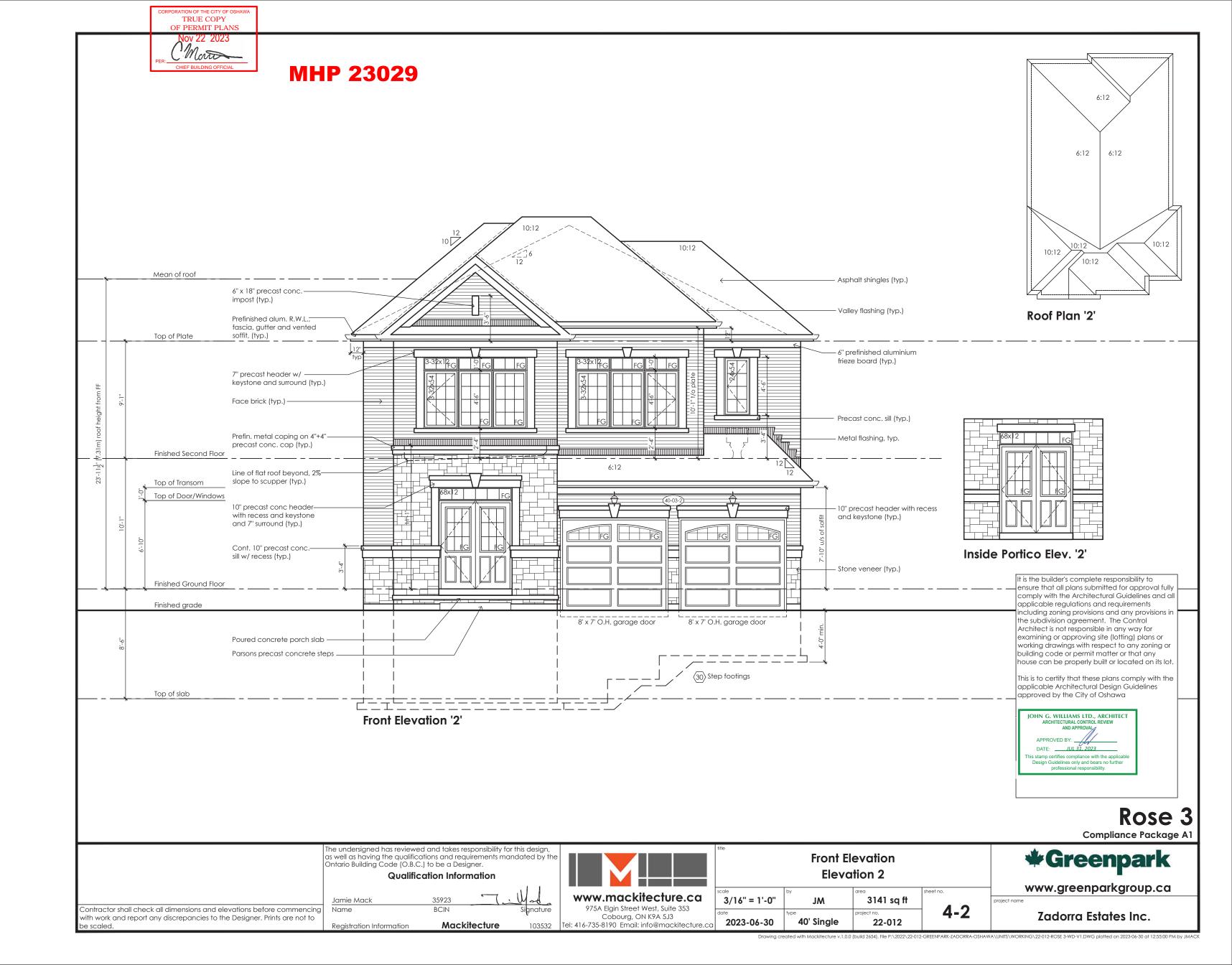
**Qualification Information** BCIN Mackitecture

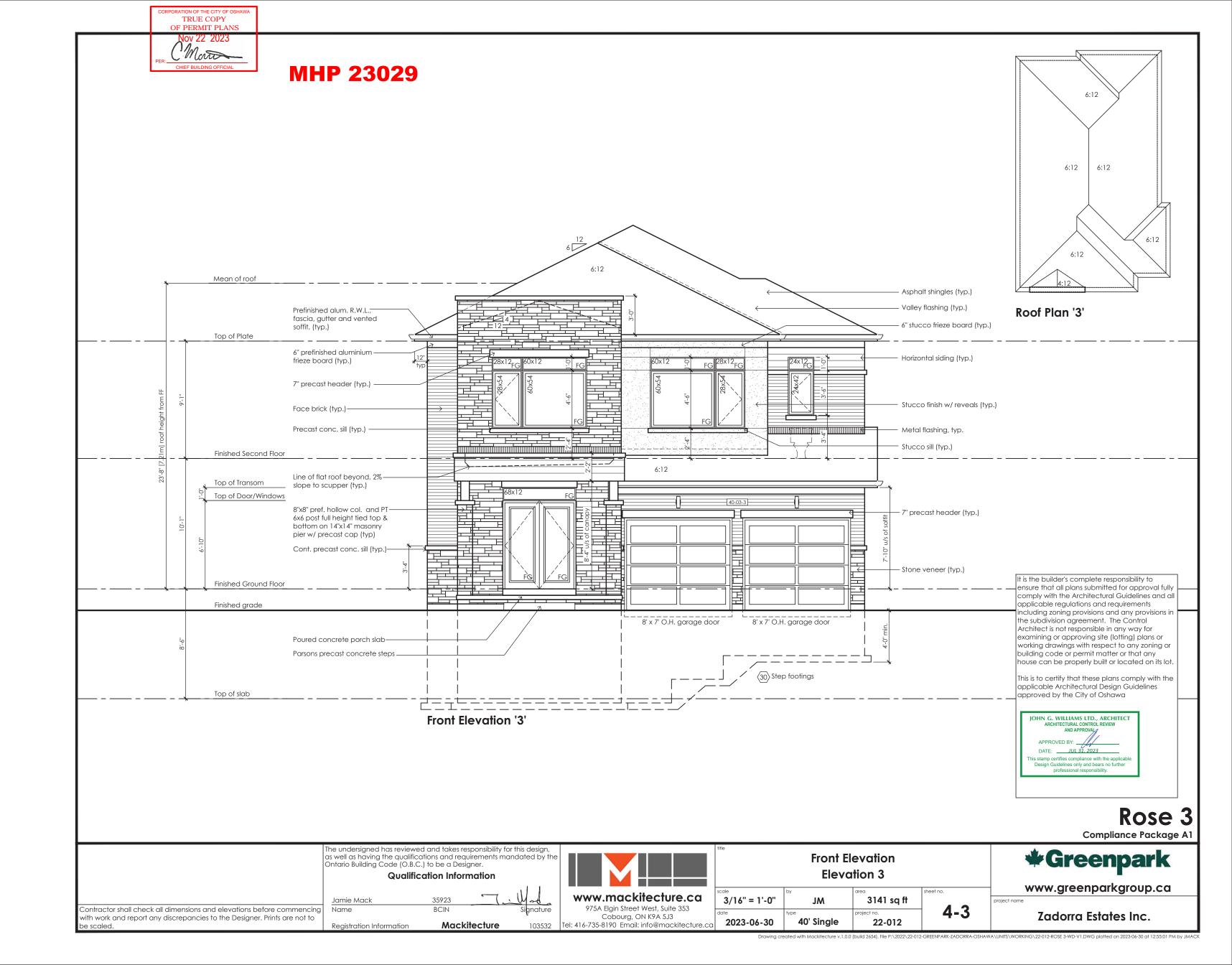
Contractor shall check all dimensions and elevations before commencing with work and report any discrepancies to the Designer. Prints are not to

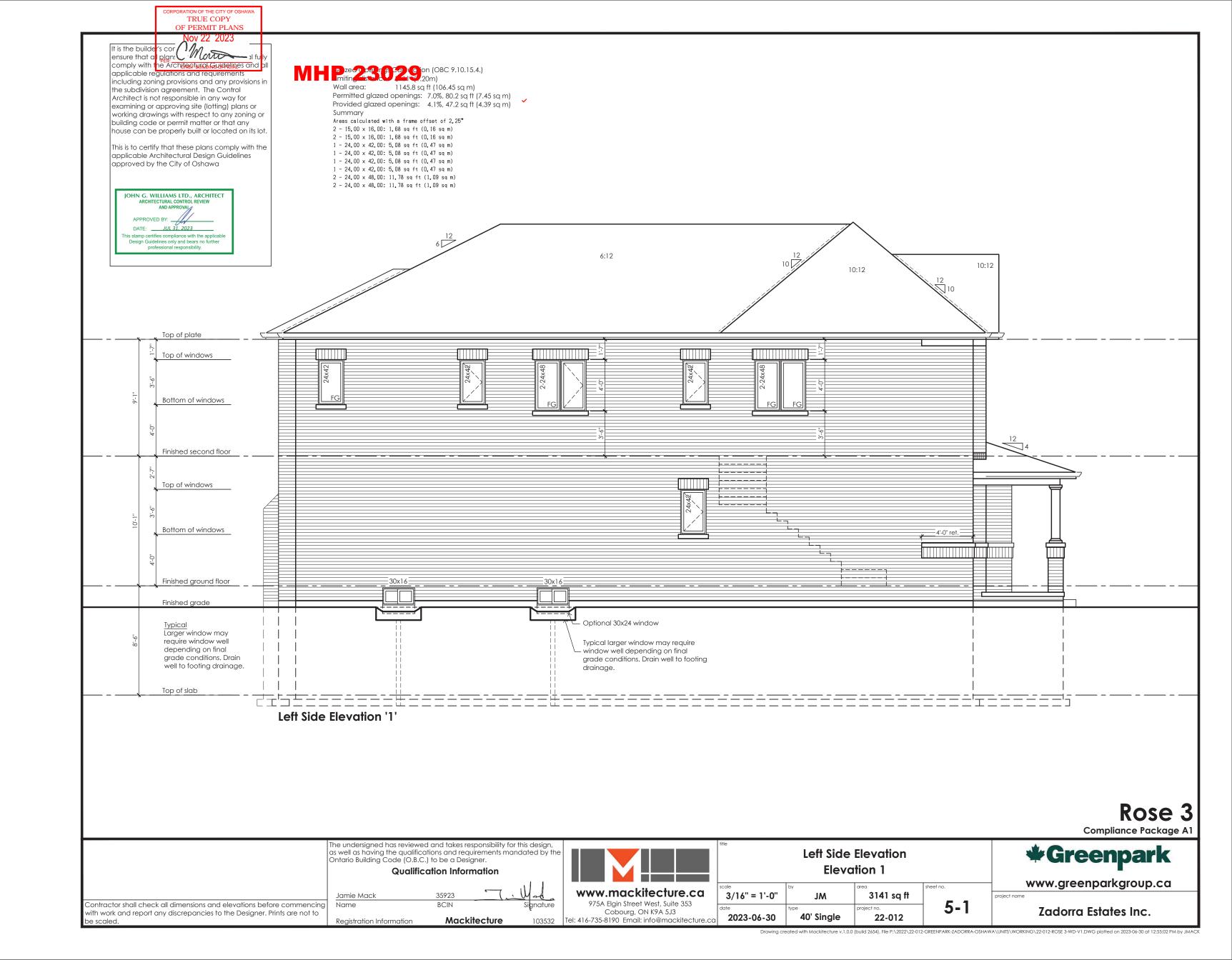


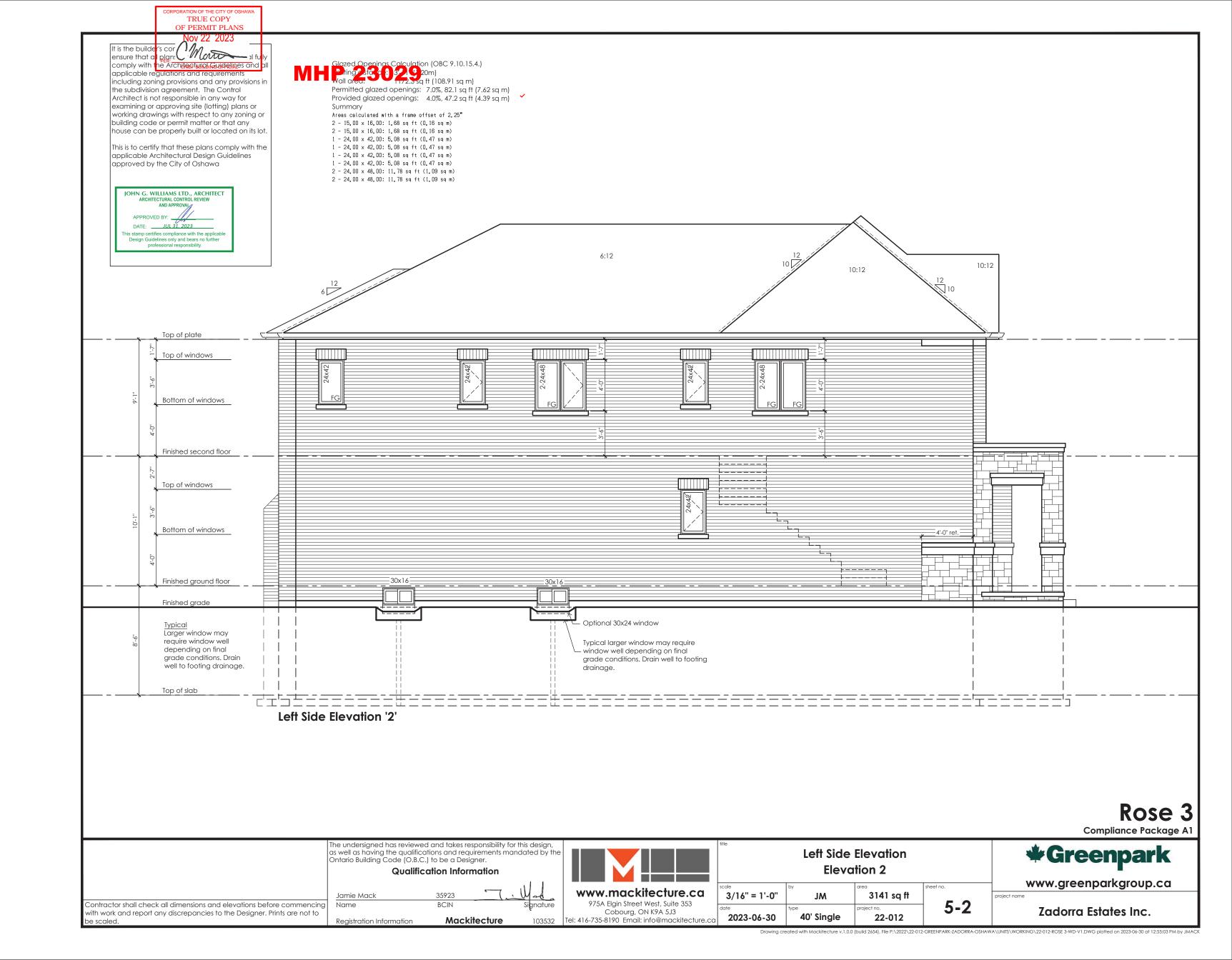
**Elevation 3** 3/16" = 1'-0" 3141 sq ft 3-3 40' Single 2023-06-30 22-012

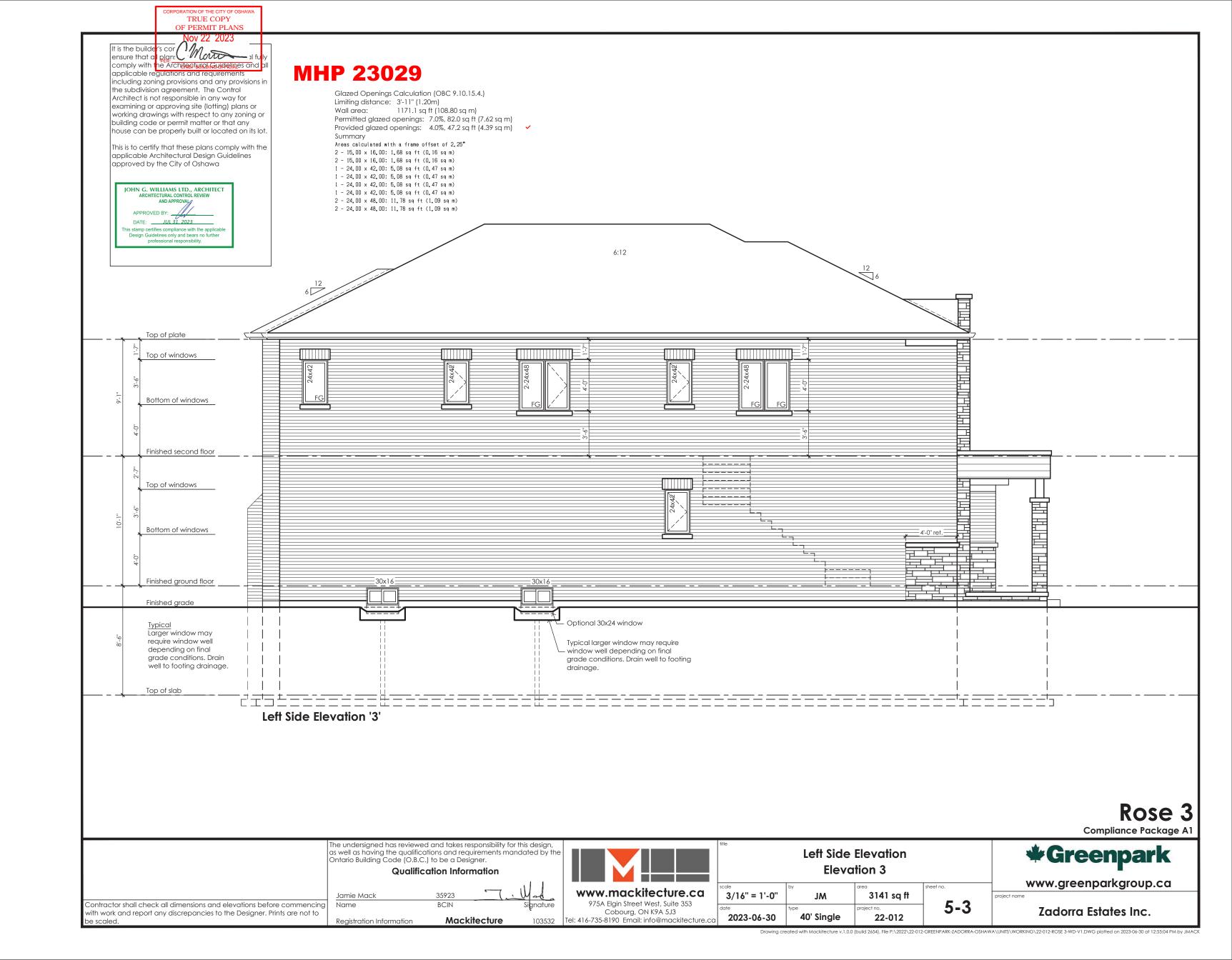


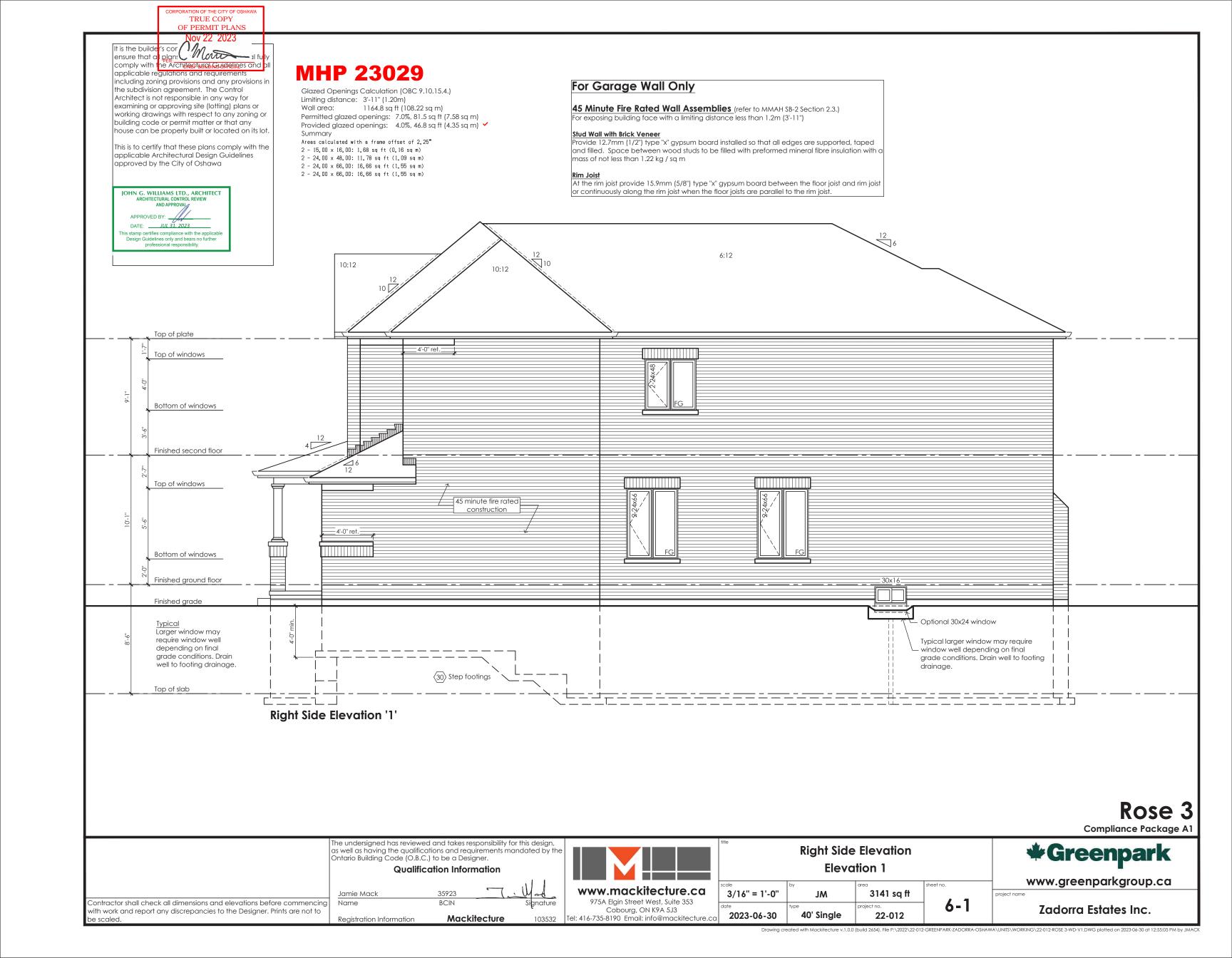


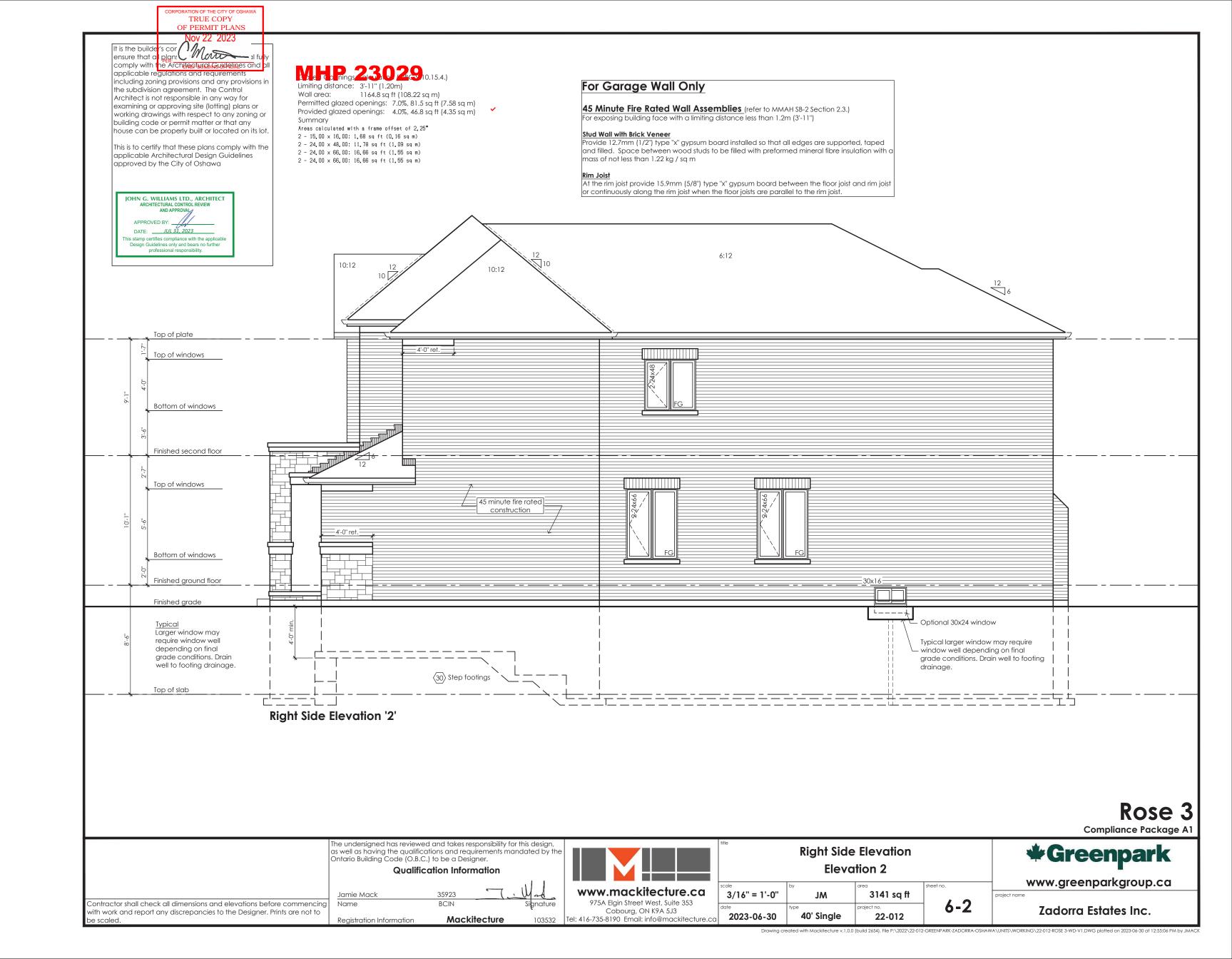


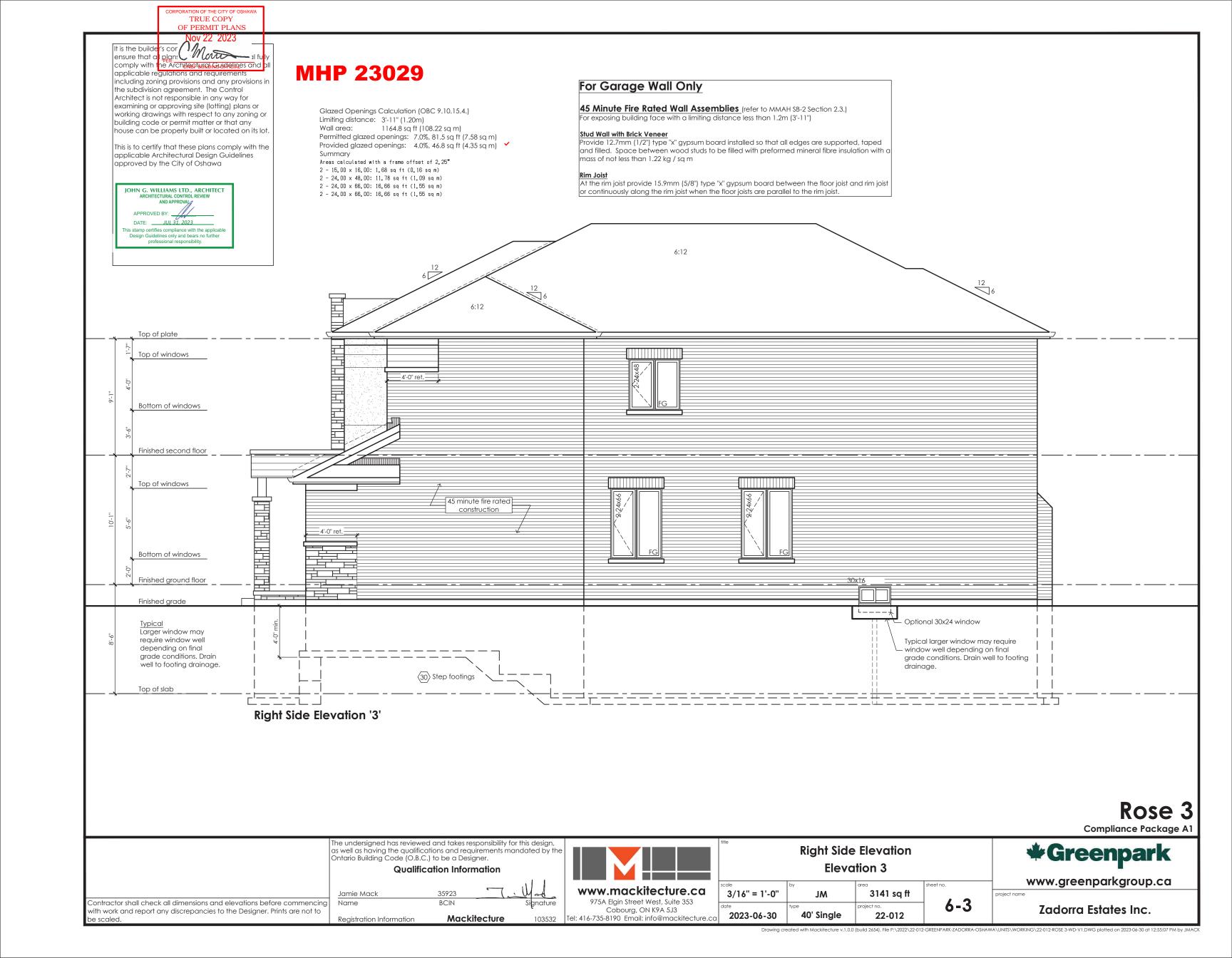


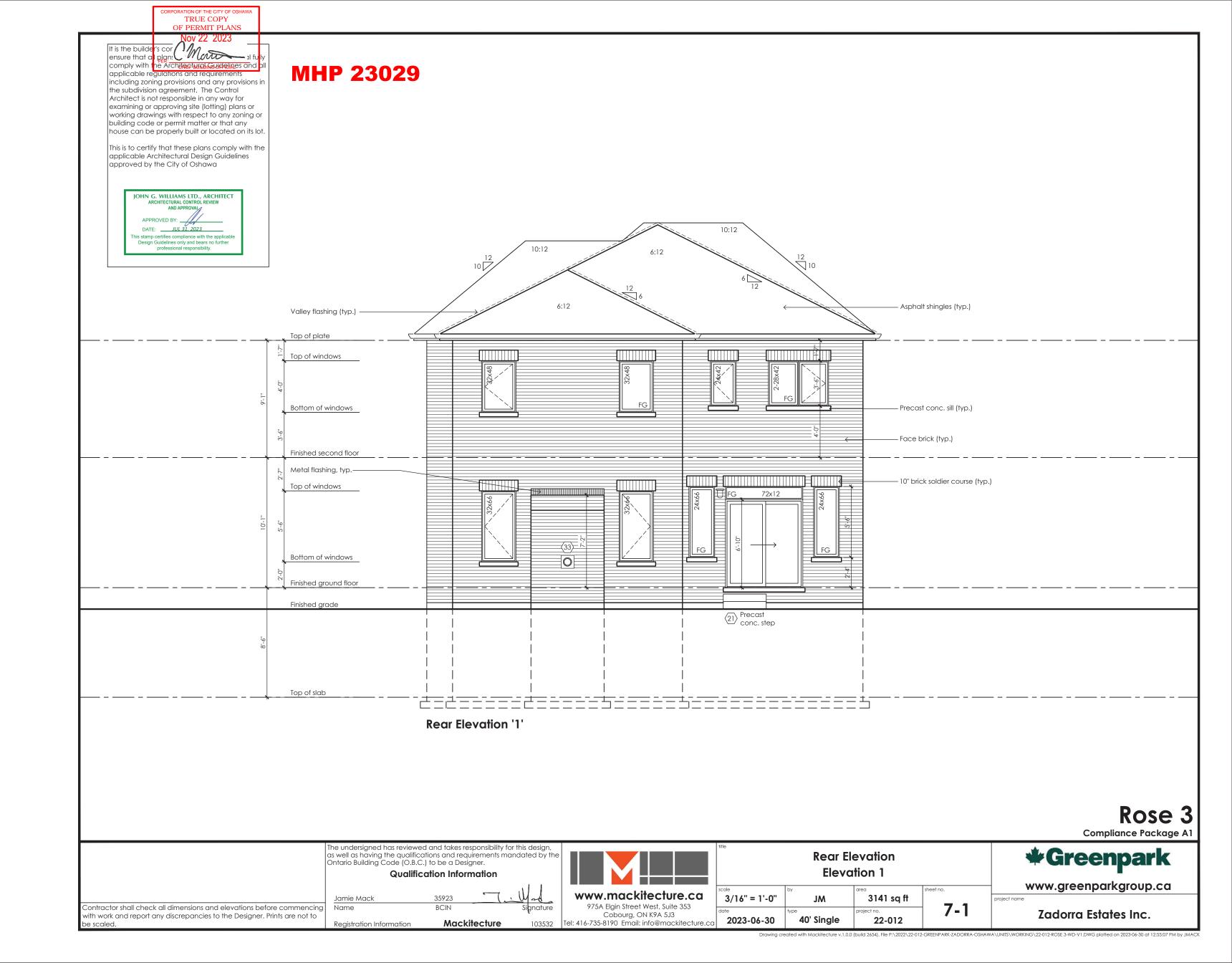


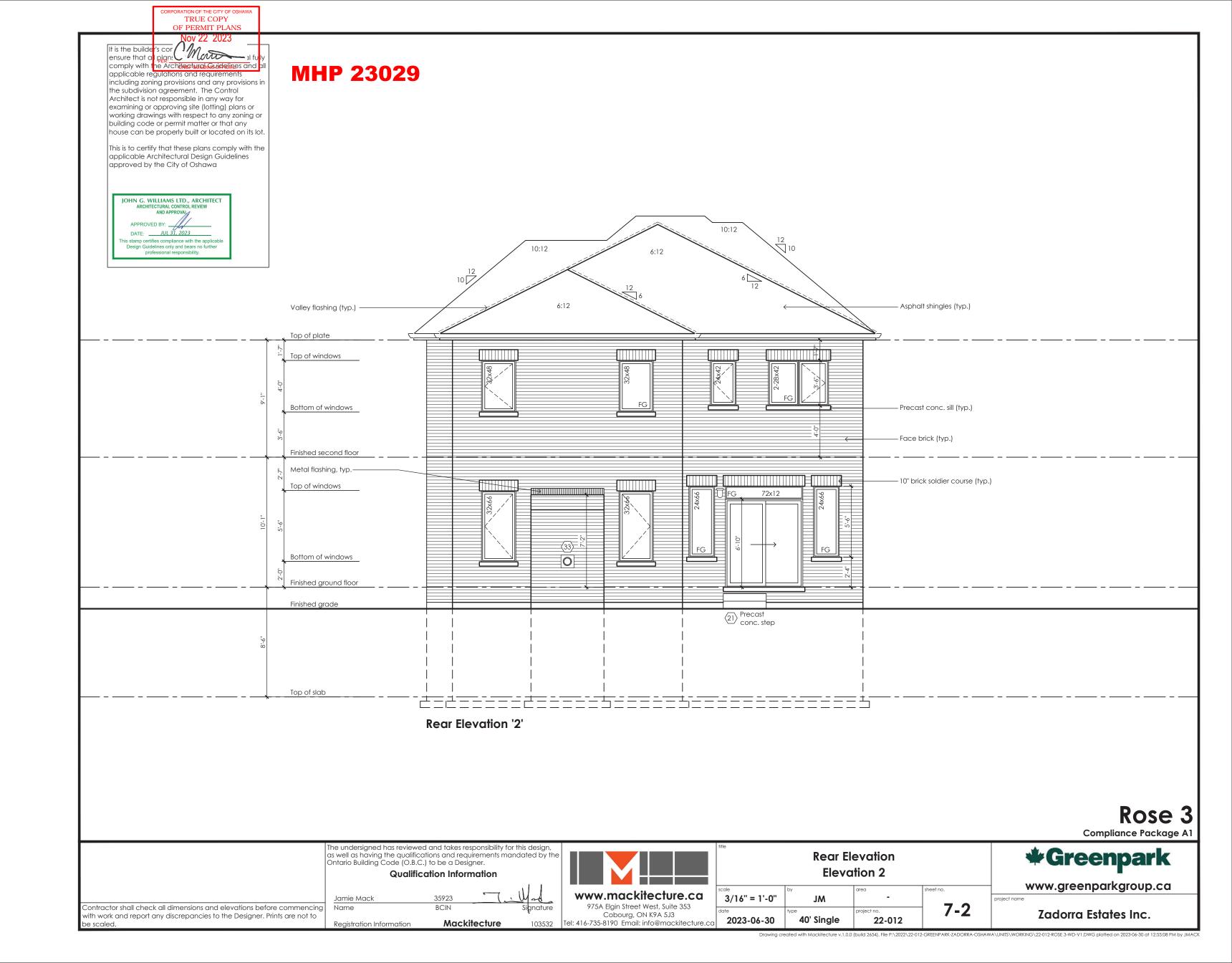


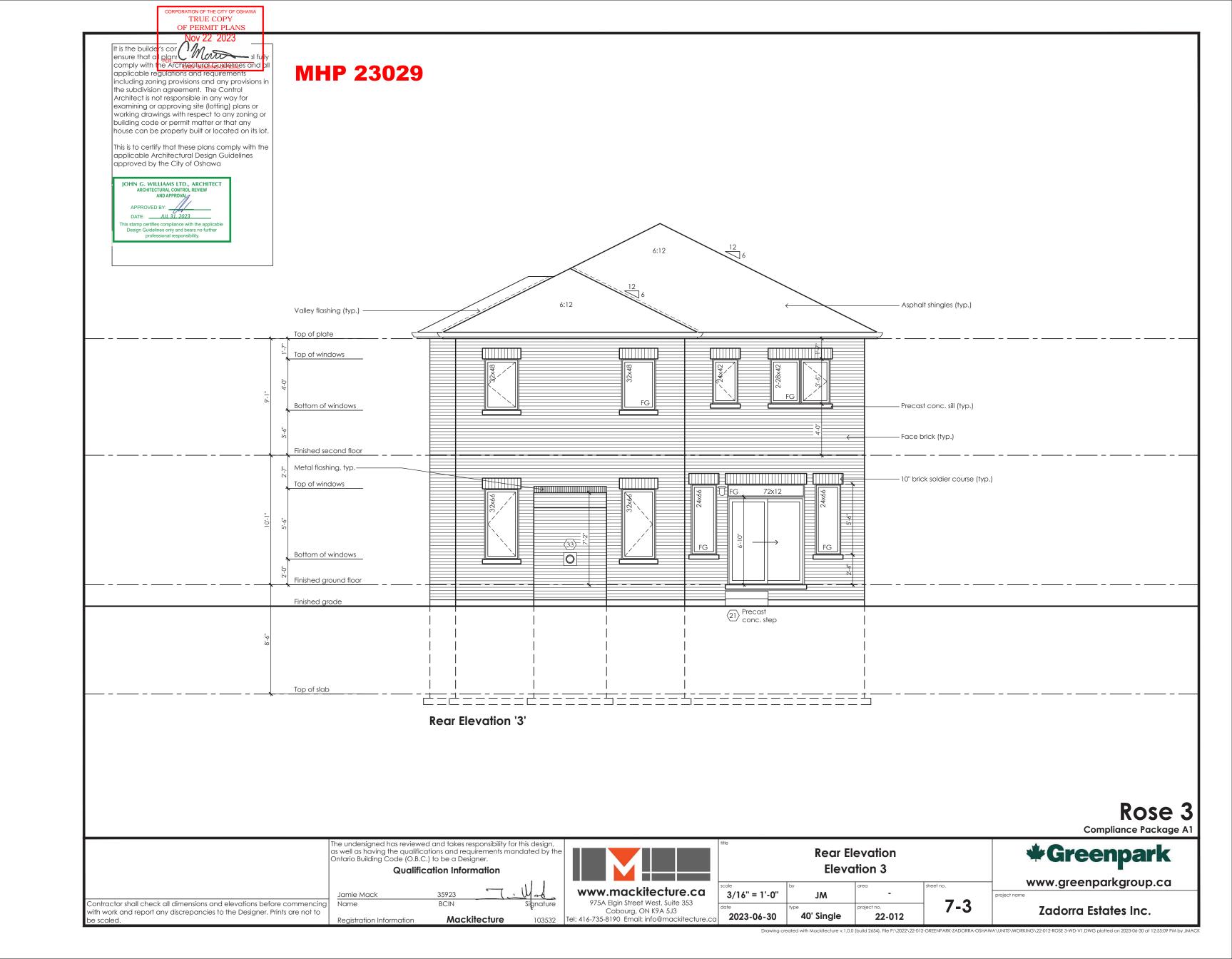














## **MHP 23029**

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JOHN G. WILLIAMS LTD., ARCHITECT ARCHITECTURAL CONTROL REVIEW AND APPROVAL

DATE: JUL 31, 2023

This stamp certifies compliance with the applicat Design Guidelines only and bears no further professional responsibility.



Rose 3

Compliance Package A1

The undersigned has reviewed and takes responsibility for this design, as well as having the qualifications and requirements mandated by the Ontario Building Code (O.B.C.) to be a Designer.

### **Qualification Information**

Rear Upgrade Elevation '1'

Jamie Mack
Name

BCIN

Signature

Registration Information

Mackitecture

103532



Rear Upgrade Elevation Elevation 1			
cale	by	area	sheet no.
3/16" = 1'-0"	JW	3141 sq ft	

22-012

40' Single

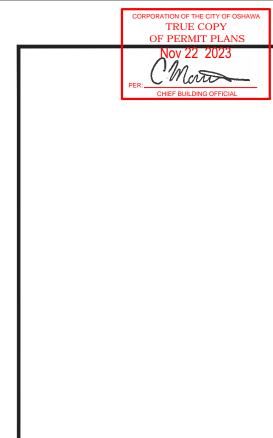
2023-06-30

# **<b>◆Greenpark**

www.greenparkgroup.ca

Zadorra Estates Inc.

7-1A



## **MHP 23029**

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVAL

APPROVED BY:



Rear Upgrade Elevation '2'

Rose 3

Compliance Package A1

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### **Qualification Information**

Jamie Mack
Name

BCIN

Signature

Registration Information

Mackitecture

103532



# Rear Upgrade Elevation Elevation 2

3/16" = 1'-0"

JM

3141 sq ft

ate

2023-06-30

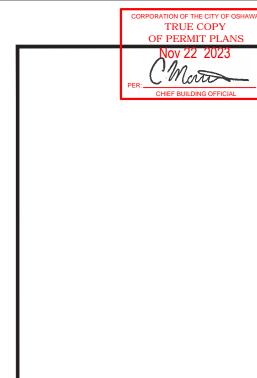
Type

40' Single

22-012

**\***Greenpark

www.greenparkgroup.ca



**MHP 23029** 

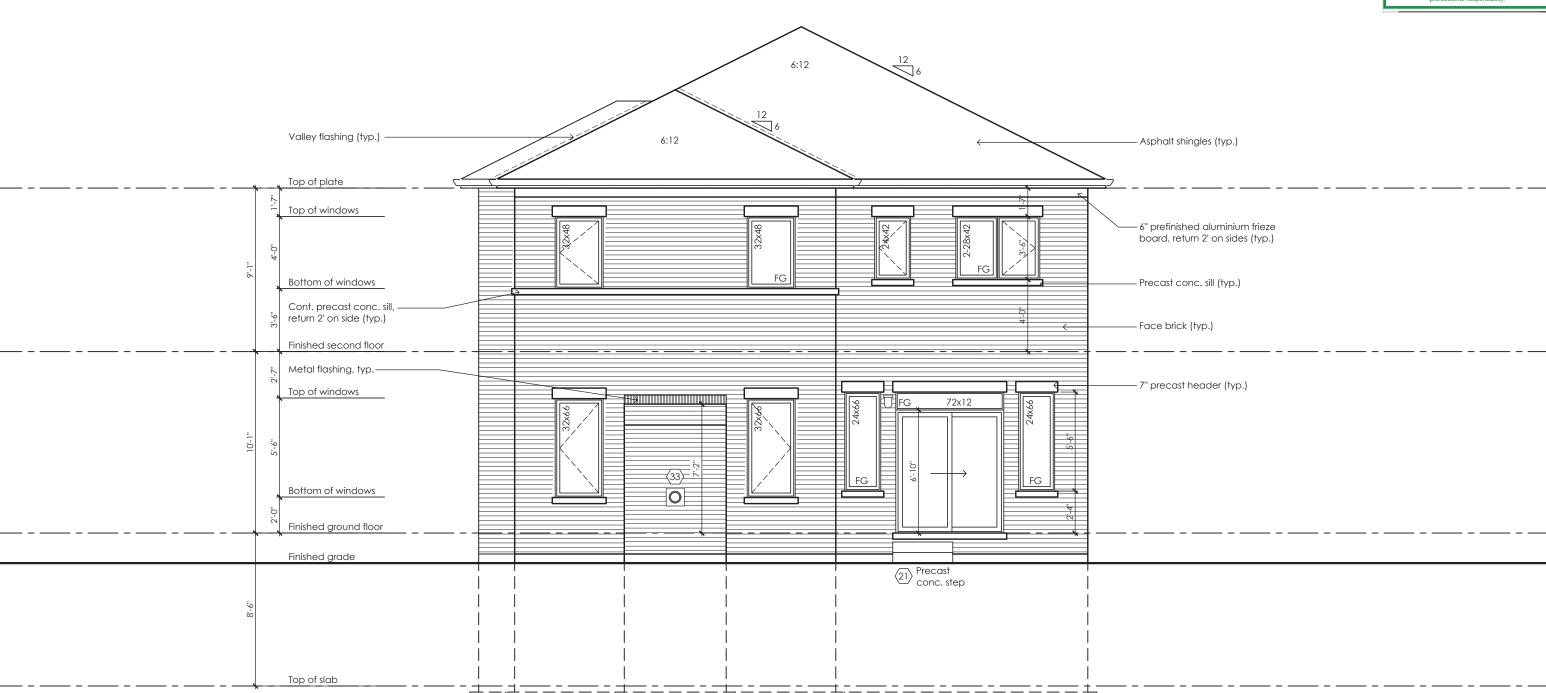
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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVAL

APPROVED BY:

DATE: \_\_JUL\_31\_2023
This stamp certifies compliance with the applical Design Guidelines only and bears no further professional responsibility.



Rear Upgrade Elevation '3'

Rose 3

Compliance Package A1

The undersigned has reviewed and takes responsibility for this design, as well as having the qualifications and requirements mandated by the Ontario Building Code (O.B.C.) to be a Designer.

#### **Qualification Information**

Jamie Mack
Name

BCIN

Signature

Registration Information

Mackitecture

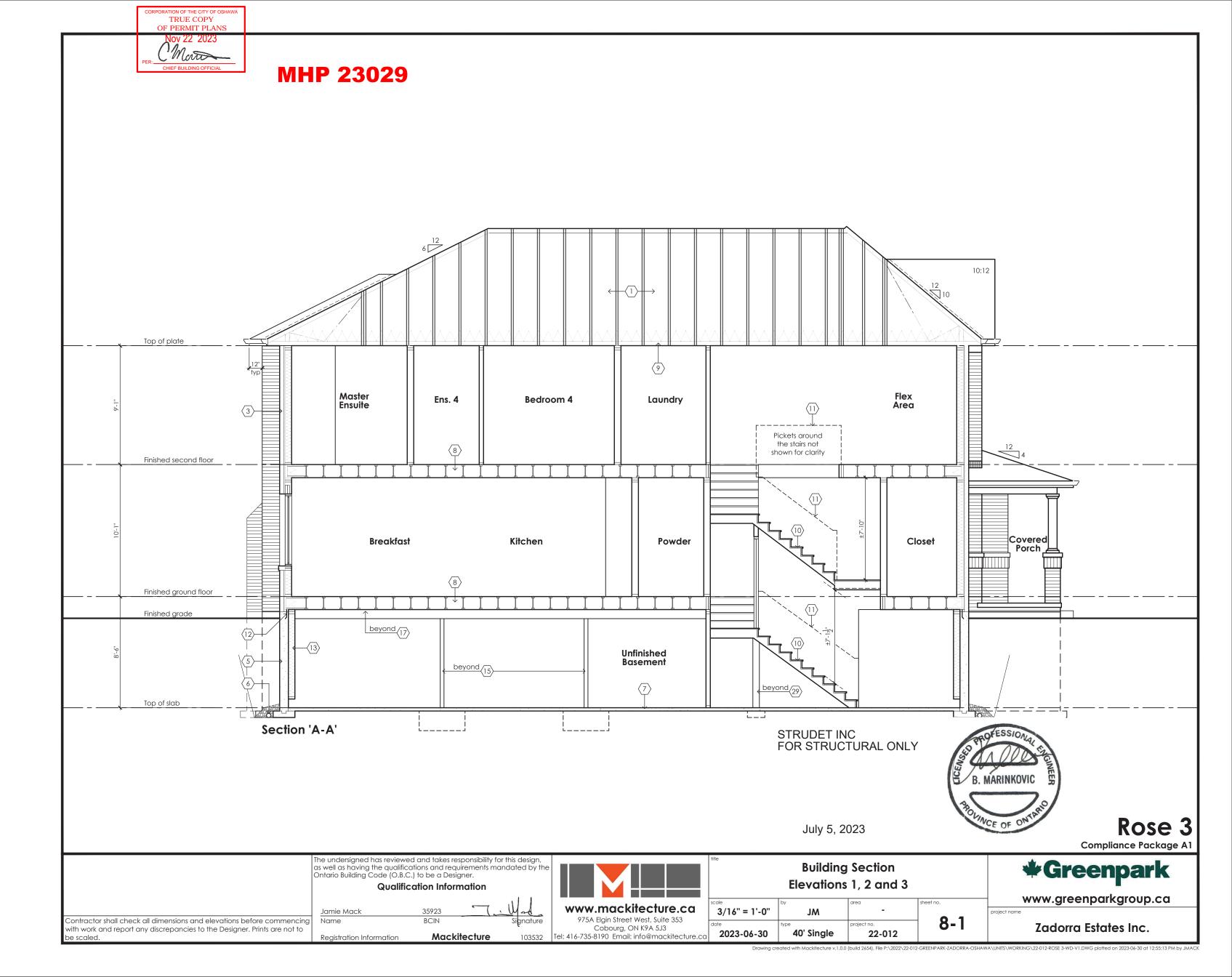
103532



# Rear Upgrade Elevation Elevation 3



www.greenparkgroup.ca



OF PERMIT PLANS Morto

SB-12 Calculations **Rose 3 - Deck Condition** 

Elevation Wall Area 0.0 sa ft (0.0 sa m) Left side Right side Total

# **MHP 23029**

Window Area Percentage 0.00% 4.12% 0.0 sa ft (0.0 sa m) 1145.8 sq ft (106.5 sq m) 47.2 sq ft (4.4 sq m) 4.12% 1164.8 sq ft (108.2 sq m) 46.8 sq ft (4.3 sq m) 4.02% 795.1 sq ft (73.9 sq m) 111.9 sq ft (10.4 sq m) 14.08% 3105.8 sq ft (288.5 sq m) 205.9 sq ft (19.1 sq m) 6.63%

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JOHN G. WILLIAMS LTD., ARCHITECT DATE: JUL 31, 2023



Rear Elevation '1', '2' & '3' **Deck Condition** 

> Rose 3 Compliance Package A1

The undersigned has reviewed and takes responsibility for this design, as well as having the qualifications and requirements mandated by the Ontario Building Code (O.B.C.) to be a Designer.

## **Qualification Information**

BCIN Mackitecture



**Deck Elevation** Elevations 1, 2 and 3 3/16" = 1'-0" 9-1 40' Single 2023-06-30 22-012



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## **MHP 23029**

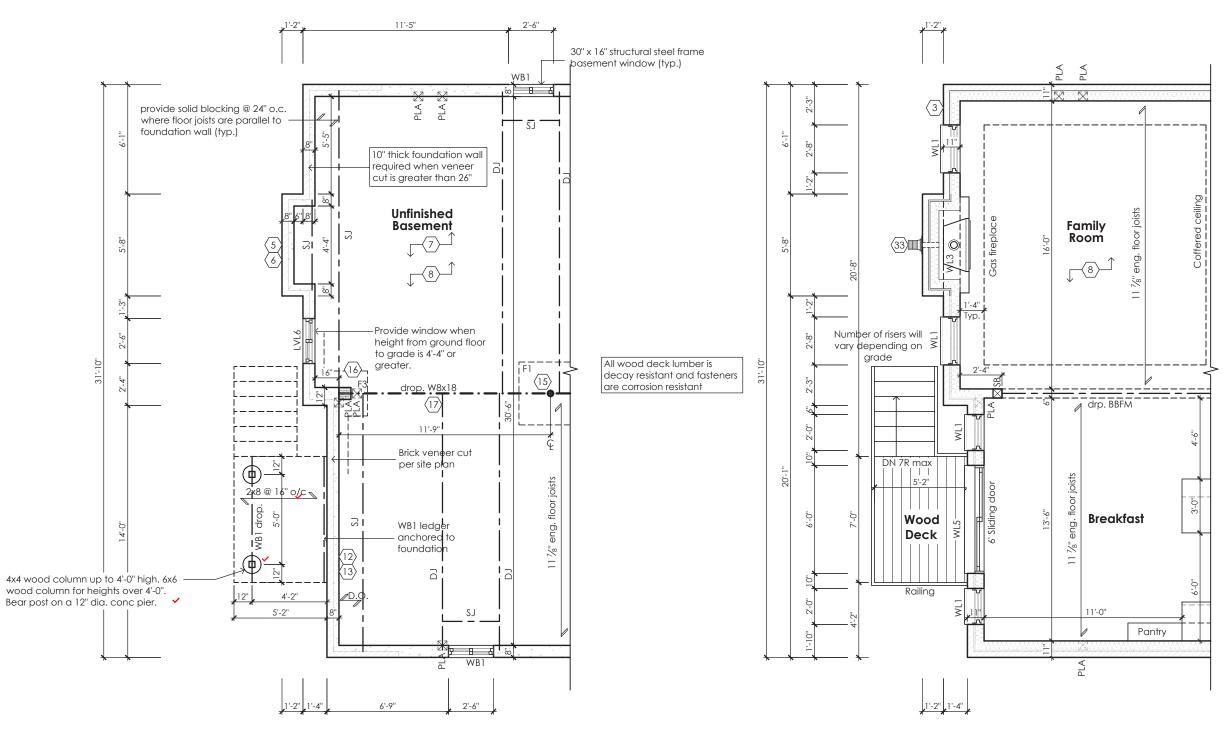
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JOHN G. WILLIAMS LTD., ARCHITEC ARCHITECTURAL CONTROL REVIEW AND APPROVAL APPROVED BY:

DATE: JUL 31, 2023

This stamp certifies compliance with Design Guidelines only and bears



Partial Basement Plan For Deck Condition Elevation '1', '2' and '3' 7R Max Partial Ground Floor Plan For Deck Condition

Elevation '1', '2' and '3'

B. MARINKOVIC

Rose 3

Compliance Package A1

FOR STRUCTURE ONLY

STRUDET INC.

The undersigned has reviewed and takes responsibility for this design, as well as having the qualifications and requirements mandated by the Ontario Building Code (O.B.C.) to be a Designer.

## Qualification Information

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Jamie Mack
Name
BCIN
Signature

Registration Information
Mackitecture
103532





July 5,

www.greenparkgroup.ca

OF PERMIT PLANS Morto It is the builder's complete responsibility to **MHP 23029** SB-12 Calculations **Rose 3 - Walkout Condition** Percentage Window Area Elevation Wall Area 0.00% 4.12% 0.0 sq ft (0.0 sq m) 0.0 sa ft (0.0 sa m) 0.0 sq fr (0.0 sq fri)
1145.8 sq ff (106.5 sq m)
1164.8 sq ff (108.2 sq m)
47.2 sq ff (4.4 sq m)
4.12%
4.02%
953.0 sq ff (88.5 sq m)
46.8 sq ff (4.3 sq m)
4.02%
161.1 sq ff (15.0 sq m)
7.82% Right side Total DATE: JUL 31, 2023
is stamp certifies compliance with the applicab
Design Guidelines only and bears no further
professional responsibility. 10:12 10:12 6:12 10 7 6:12 Top of windows Bottom of windows Finished second floor Top of windows (33)= Provide 24" long 4x4 diagonal (45°) bracing for Bottom of windows columns over 7'-0" high. Finished ground floor Top of windows Bottom of windows 6x6 wood column. Bear post on a 12" dia. conc pier. Finished grade Rear Elevation '1', '2' and '3' **Walkout Condition** The undersigned has reviewed and takes responsibility for this design, as well as having the qualifications and requirements mandated by the Ontario Building Code (O.B.C.) to be a Designer. **<b><b>Greenpark Walkout Basement Elevation** Elevations 1, 2 and 3 **Qualification Information** www.mackitecture.ca 3/16" = 1'-0" Contractor shall check all dimensions and elevations before commencing with work and report any discrepancies to the Designer. Prints are not to 975A Elain Street West, Suite 353 BCIN Cobourg, ON K9A 5J3

Tel: 416-735-8190 Email: info@mackitecture.ca

Mackitecture

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

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JOHN G. WILLIAMS LTD., ARCHITECT

Rose 3 Compliance Package A1

10-1 40' Single 2023-06-30 22-012

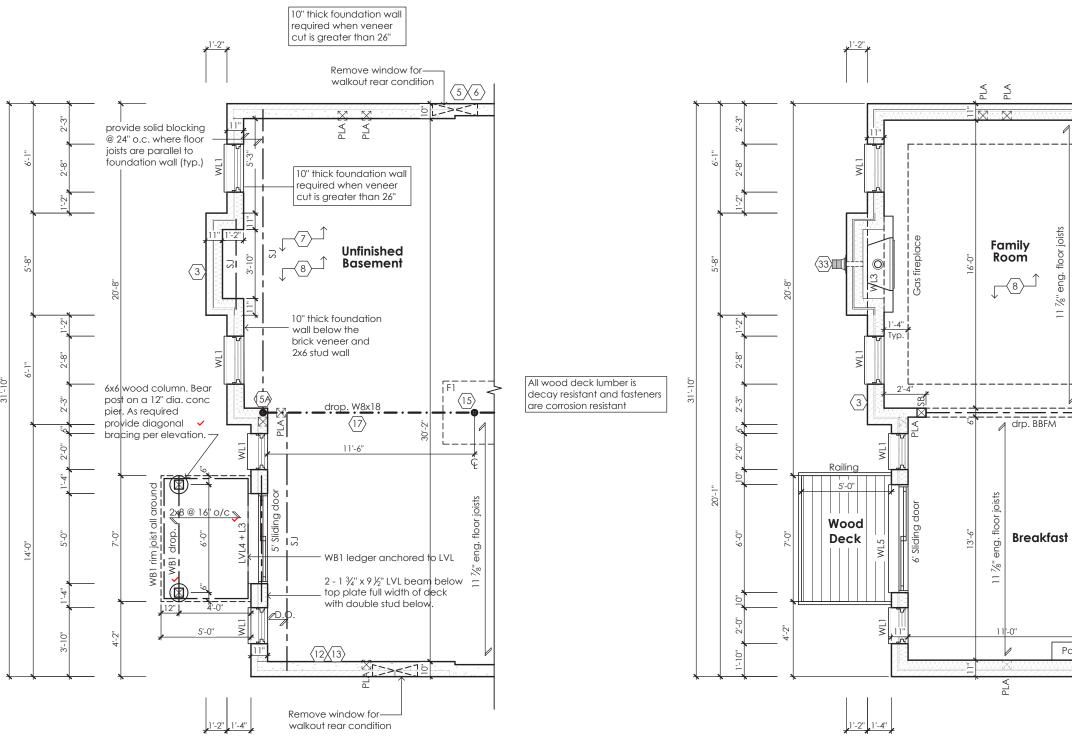
www.greenparkgroup.ca



## **MHP 23029**

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JOHN G. WILLIAMS LTD., ARCHITEC DATE: JUL 31, 2023



Partial Basement Plan For Walkout Condition Elevation '1', '2' and '3'

B. MARINKOVIC 튜 Partial Ground Floor Plan For Walkout Condition Elevation '1', '2' and '3' July 5, 2023

Pantry

NCE OF ONTAR FOR STRUCTURE ONLY

STRUDET INC.

PROFESS/ON

Rose 3 Compliance Package A1

The undersigned has reviewed and takes responsibility for this design, as well as having the qualifications and requirements mandated by the Ontario Building Code (O.B.C.) to be a Designer.

# **Qualification Information**

BCIN Mackitecture



**Walkout Basement Plans** Elevations 1, 2 and 3 3/16" = 1'-0" 10-2 40' Single 2023-06-30



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