



# MHP 23028

**Development Services Department Building Permit and Inspection Services** 

#### **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** 

#### ACCEPTED AS NOTED PERMIT PLANS **REVIEWED BY** DATE REVIEW **ZONING** PLANNING NOV 15, 2023 **ARCHITECTURA** CMSTRUCTURAL FIRE CARD PLUMBING MECHANICAL PLANS REVIEW CMNOV 15, 2023 COMPLETED

#### **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.

# NOTE:

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

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.

#### **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 VINYL 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 3/4 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

#### **ATTIC HATCHES SHALL NOT BE** LESS THAN 550mm (21 5") BY 900mm (35")

#### OBC 9.26.4.1.

FLASHING REQUIRED AT ALL **ROOF-WALL JUNCTIONS** 

## **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

#### 2012 OBC DIV. B, 9.8.2.1. to 9.8.4.7. STAIR DIME MAX. RISE, MIN. RISE, MAX. RUN, mm MIN. RUN, mm STAIR HEA

	mm, ALL STEPS	mm, ALL STEPS	RECTANGULAR TREADS	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 WITHIN LIVE/WORK UNITS	NO LIMIT	125	355	NO LIMIT	WIDTH AS PER DIV B 9.8.2.1.(3)	2050
NOTE			ADS SHALL NOT RE			EPTH

## STRUCTURAL ALTERATIONS

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**

**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.

#### 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 Phone 905.436.5658 1.800.667.4292 Fax 905.436.5623

# For Singles and Semi-Detached Houses up to 2/st preys Strip Footings For 8" or 10" foundation walls with 2x8 / 2x10 floor joists ANS

20" wide x 6" thick concrete strip 24" wide x 8" thick concrete strip Foundation walls with engineered joists Maria

24" 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. refer 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 kPa Native So	il 90 kPa Engineere
<b>F1</b> = 42" x 42" x 18"	<b>F1</b> = 48" x 48" x 20"
<b>F2</b> = 36" x 36" x 16"	<b>F2</b> = 40" x 40" x 16"
<b>F3</b> = 30" x 30" x 12"	$F3 = 34'' \times 34'' \times 14''$
<b>F4</b> = 24" x 24" x 12"	<b>F4</b> = 28" x 28" x 12"
<b>F4</b> = 24" x 24" x 12" <b>F5</b> = 16" x 16" x 8"	<b>F5</b> = 18" x 18" x 8"

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

fer to the roof truss shop drawings for all roof framing information.

#### **Engineered Floor Joists**

lefer to the floor framing shop drawings for engineered framing layouts, hardware

#### Steel Column Notes

C1 = 4" x 4" x  $\frac{1}{4}$ " HSS w/ 10" x 8" x  $\frac{1}{2}$ " 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 elevations are not drawn to accurate grade elevations. Refer to final grading plan.

#### **Door Schedule**

No.	Width	Ceilin	g Heights	Туре
		8' to 9'	10' or more	
1	2'-10" (3	4") 6'-8"	8'-0"	Insulated entrance door
1A	2'-8" (3	2") 6'-8"	8'-0"	Insulated entrance door
2	2'-8" (3	2") 6'-8"	8'-0''	Wood and glass door
3	2'-8" (3	2") 6'-8"	8'-0"	Exterior slab door
4	2'-8" (3	2") 6'-8"	8'-0''	Interior slab door
5	2'-6" (3	0") 6'-8"	8'-0''	Interior slab door
6	2'-2" (2	('6'') 6'-8''	8'-0''	Interior slab door
7	1'-6" (1	8") 6'-8"	8'-0''	Interior slab door

## Garage Wall - 2x4 Stud Design

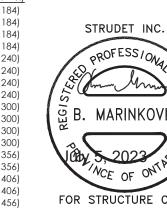
Studs	Spacing	Maxim	ıum Height
2x4	16" o/c	8'-0	(2.44m)
2x4	12" o/c	8'-10"	(2.69m)
2-2x4	16" o/c	10'-1"	(3.07m)
2-2x4	12" o/c	10'-9"	(3.28m)
3-2x4	16" o/c	11'-2"	(3.40m)
3-2x4	12" o/c	12'-4"	(3.76m)

- 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)

# **NL9** = $6'' \times 4'' \times \frac{3}{8}''$ (152 x 102 x 9.5) [?] + 3 - 2 x 12 (3 - 38 x 286) S.P.F. No. 2

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

Laiiii	Han	ed veneer L	DILIDEL (FA
Label		Beam Size (mer	mbers + w + h
L <b>VL1A</b>	=	1 - 1 ¾" x 7 ½"	(1 - 45 x 184)
L <b>VL1</b>	=	2 - 1 ¾" x 7 ½"	(2 - 45 x 184)
LVL2	=	3 - 1 ¾" x 7 ½"	(3 - 45 x 184)
LVL3	=	4 - 1 3/4" x 7 1/2"	(4 - 45 x 184)
LVL4A	=	1 - 1 ¾" x 9 ½"	(1 - 45 x 240)
LVL4	=	2 - 1 ¾" x 9 ½"	(2 - 45 x 240)
LVL5	=	3 - 1 ¾" x 9 ½"	(3 - 45 x 240)
LVL5A	=	4 - 1 ¾" x 9 ½"	$(4 - 45 \times 240)$
LVL6A	=	1 - 1 ¾" x 11 ¾"	(1 - 45 x 300)
LVL6	=	2 - 1 3/4" x 11 7/8"	(2 - 45 x 300)
LVL7	=	3 - 1 3/4" x 11 7/8"	(3 - 45 x 300)
LVL7A	=	4 - 1 3/4" x 11 7/8"	(4 - 45 x 300)
LVL8	=	2 - 1 ¾" x 14"	(2 - 45 x 356)
LVL9	=	3 - 1 ¾" x 14"	(3 - 45 x 356)
LVL9A	=	2 - 1 ¾" x 16"	(2 - 45 x 406)
LVL9B	=	3 - 1 ¾" x 16"	(3 - 45 x 406)
LVL10	=	2 - 1 ¾" x 18"	(2 - 45 x 456)



#### **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 5/16"	(102 x 89 x 7.9) [?]
L3	=	5" x 3 ½" x ¾6"	(127 x 89 x 7.9) [4]
L4	=	6" x 3 ½" x ¾"	(152 x 89x 9.5) [?]
L5	=	6" x 4" x 3/8"	(152 x 102 x 9.5) [?]
L6	=	7" x 4" x 3/8"	(178 x 102 x 9.5) [?]

## Glue-Laminated Floor Beams

el		Beam Size (w x h)
J1	=	3 ½" x 11 ½" (80 x 300)
J2	=	5 ½" x 11 ½" (130 x 300)

## Minimum Thermal Performance

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

#### Prescriptive Package A1

Edge of Below Grade Slab

= 600 mm Below Grade

Space Heating Equipmen

Domestic Water Heater

Total open to below

Finished basement

Ground floor

Garage

Porch Other structures

Total gross floor area Coverage Areas

Coverage w/o porch

Coverage w/ porch

Windows and Sliding Glass Doors

	R	Max. U	R
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

10

Min. AFAU:

Max. U:

Min SRF

Min. EF:

1317 sq ft, 122.35 sq m

1688 sq ft, 156.82 sq m 3005 sq ft, 279.17 sq m

3005 sq ft, 279.17 sa m

1317 sq ft, 122.35 sq m

1714 sq ft, 159.24 sq m

1772 sa ft. 164 62 sa m

397 sq ft, 36.88 sq m

58 sq ft, 5.39 sq m

0 sa ft . 0 00 sa m

0 sa ft. 0.00 sa m 0 sq ft, 0.00 sq m

Energy rating: 25

75%

0.80

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

Note: maximum height of wall for this detail is 20'-2" and maximum length is 40'-0'

10"

Height Wall Details - max. 18'-0" tall 2" 2x6 stud wall hailed together and spaced at 12" o/c full height c/w solid

e: maximum height of wall for this detail is 18'-0" and maximum length is 40'-0"

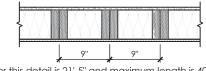
2 - 1 ½" x 5 ½" Laminated strand lumber (LSL) 1.5E stud wall alued and nailed togethe

and spaced at 10" o/c full height c/w solid blocking @ 8'-0" o/c vertical and  $\frac{7}{6}$ " OSB

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

blocking @ 48" o/c vertical and  $\frac{7}{16}$ " OSB exterior wall sheathing.

2 - 1  $\frac{1}{2}$ " x 5  $\frac{1}{2}$ " Laminated strand lumber (LSL) 1.5E stud wall glued and nailed togeth and spaced at 9" o/c full height c/w solid blocking @ 8'-0" o/c vertical and  $\frac{7}{16}$ " OSB



10"

ote: maximum height of wall for this detail is 21'-5" and maximum length is 40'-0".

Steel Angles and Wood Beam Schedules

#### Area Calculations Rose 2-1 Ground Floor Second Floor

Skylights

HRV

Total floor area

DIICK	Acticel Sieel Filliels + AAC	Jou i	riiiieis aii	u beuilis
Label	Steel Angle Size $(v \times h \times t)$		Wood Size	e (members + w + h)
WL1 =	$3\frac{1}{2}$ " x $3\frac{1}{2}$ " x $\frac{1}{4}$ " (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 - 2 x 8	(2 - 38 x 184) S.P.F. No. 2
WL3 =	5" x 3 ½" x 5/6" (127 x 89 x 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
WL7 =	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 3 ½" x 5/6" (127 x 89 x 7.9) [4]	+	3 - 2 x 12	(3 - 38 x 286) S.P.F. No. 2
14/10	/!! #!! 3/!! /1 FO 100 0 F\ [2]		2 010	12 20 00 () C D F NI= 0

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

exterior wall sheathing.

abel		Beam Size	(members +	w + h
VB1	=	2 - 2 x 8	(2 - 38 x 184)	S.P.F. No. 2
VB2	=	3 - 2 x 8	(3 - 38 x 184)	S.P.F. No. 2
VB3	=	2 - 2 x 10	(2 - 38 x 235)	S.P.F. No. 2
VB4	=	3 - 2 x 10	(3 - 38 x 235)	S.P.F. No. 2
VB5	=	2 - 2 x 12	(2 - 38 x 286)	S.P.F. No. 2
VB6	=	3 - 2 x 12	(3 - 38 x 286)	S.P.F. No. 2
VB7	=	5 - 2 x 12	(5 - 38 x 286)	S.P.F. No. 2
VB11	=	4 - 2 x 10	(4 - 38 x 235)	S.P.F. No. 2
VB12	=	4 - 2 x 12	(4 - 38 x 286)	S.P.F. No. 2

## Laminated Veneer Lumber (LVL) Beams

_					
<u> </u>		Beam Size (mer	mbers + w + h)		
Α	=	1 - 1 ¾" x 7 ½"	(1 - 45 x 184)		
	=	2 - 1 ¾" x 7 ½"	(2 - 45 x 184)		STRUDET
	=	3 - 1 ¾" x 7 ½"	(3 - 45 x 184)		SIKODEI
	=	4 - 1 ¾" x 7 ½"	(4 - 45 x 184)		OFFC
Α	=	1 - 1 ¾" x 9 ½"	(1 - 45 x 240)	A STATE OF THE STA	PROFESS
	=	2 - 1 ¾" x 9 ½"	(2 - 45 x 240)	- 1 S	2
	=	3 - 1 ¾" x 9 ½"	(3 - 45 x 240)	1.50	fmm,
Α	=	4 - 1 ¾" x 9 ½"	(4 - 45 x 240)	15	
Α	=	1 - 1 ¾" x 11 %"	(1 - 45 x 300)	1 5 D	MADIN
	=	2 - 1 ¾" x 11 ½"	(2 - 45 x 300)	[ 일 B	. MARIN
	=	3 - 1 ¾" x 11 ½"	(3 - 45 x 300)	\ °	
Α	=	4 - 1 ¾" x 11 ½"	(4 - 45 x 300)	\ \sighta \	
	=	2 - 1 ¾" x 14"	(2 - 45 x 356)	Viớb	$\sqrt{5}$ 202
	=	3 - 1 ¾" x 14"	(3 - 45 x 356)	A.	NCE OF
Α	=	2 - 1 ¾" x 16"	(2 - 45 x 406)		VCE OF
В	=	3 - 1 ¾" x 16"	(3 - 45 x 406)	505	OTDIIOTI
0	=	2 - 1 ¾" x 18"	(2 - 45 x 456)	FOR	STRUCTU

# SSIONAL

# URE ONLY

Coverage Areas	
Ground floor	1317 sq ft, 122.35 sq i
Garage	397 sq ft, 36.88 sq m
Porch	59 sq ft, 5.48 sq m
Other structures	0 sq ft, 0.00 sq m
Coverage w/o porch	1714 sq ft, 159.24 sq i
Coverage w/ porch	1773 sq ft, 164.72 sq i

#### **SB-12 Calculations** Rose 2-1

Max. U: 0.28

Elevation	Wall Area
Front	714.5 sq ft (66.4 sq m)
Left side	1097.2 sq ft (101.9 sq m)
Right side	1101.6 sq ft (102.3 sq m)
Rear	704.9 sq ft (65.5 sq m)
Total	3618.2 sq ft (336.1 sq n

Window Area Percentage 98.1 sa ft (9.1 sa m) 13.72% 65.4 sq ft (6.1 sq m) 5.96% 0.0 sq ft (0.0 sq m) 0.00% m) 251.5 sq ft (23.4 sq m) 6.95%

# **Area Calculations**

Rose 2-2

1317 sa ft. 122.35 sa m Ground Floor Second Floor 1682 sq ft, 156.26 sq m 2999 sq ft, 278.62 sq m Total floor area

0 sa ft . 0 00 sa m Total open to below Finished basement Total gross floor area 2999 sq ft, 278.62 sq m

Coverage Areas Ground floor 1317 sq ft, 122.35 sq m Garage Porch 397 sq ft, 36.88 sq m 58 sq ft, 5.39 sq m Other structures 0 sa ft, 0.00 sa m 1714 sq ft, 159.24 sq m Coverage w/o porch Coverage w/ porch 1772 sq ft, 164.62 sq m

#### **SB-12 Calculations Rose 2-2**

Elevation 714.5 sq ft (66.4 sq m) Left side 1097.2 sq ft (101.9 sq m) Right side

**Window Area Percentage** 107.4 sq ft (10.0 sq m) 65.4 sq ft (6.1 sq m) 5.96% 1101.6 sq ft (102.3 sq m) 704.9 sq ft (65.5 sq m) 0.0 sq ft (0.0 sq m) 88.0 sq ft (8.2 sq m) 0.00% 3618.2 sq ft (336.1 sq m) 260.8 sq ft (24.2 sq m) 7.21%

# **Area Calculations**

Rose 2-3

1317 sa ft. 122.35 sa m 1681 sq ft, 156.17 sq m 2998 sq ft, 278.52 sq m Second Floor Total floor area

Total open to below 0 sq ft, 0.00 sq m Finished basement 0 sq ft, 0.00 sq m Total gross floor area 2998 sq ft, 278.52 sq m

m m

#### **SB-12 Calculations** Rose 2-3

Total

Elevation Wall Area Front Left side Riaht side **Total** 

704.9 sq ft (65.5 sq m) 1097.2 sq ft (101.9 sq m) 1097.2 sq ft (101.9 sq m) 3604.2 sq ft (334.8 sq m)

**Window Area Percentage** 107.3 sq ft (10.0 sq m) 65.4 sq ft (6.1 sq m) 15.23% 5.96% 0.0 sq ft (0.0 sq m) 0.00% 260.7 sq ft (24.2 sq m) 7.23%

> Rose 2 Compliance Package A1

Revisions Description By JM 2023-04-28 Issued for client review Issued for p. eng. review 2023-06-19 Issued for permit 2023-06-30 JM

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

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## **Qualification Information**

Jamie Mack Name BCIN

Mackitecture



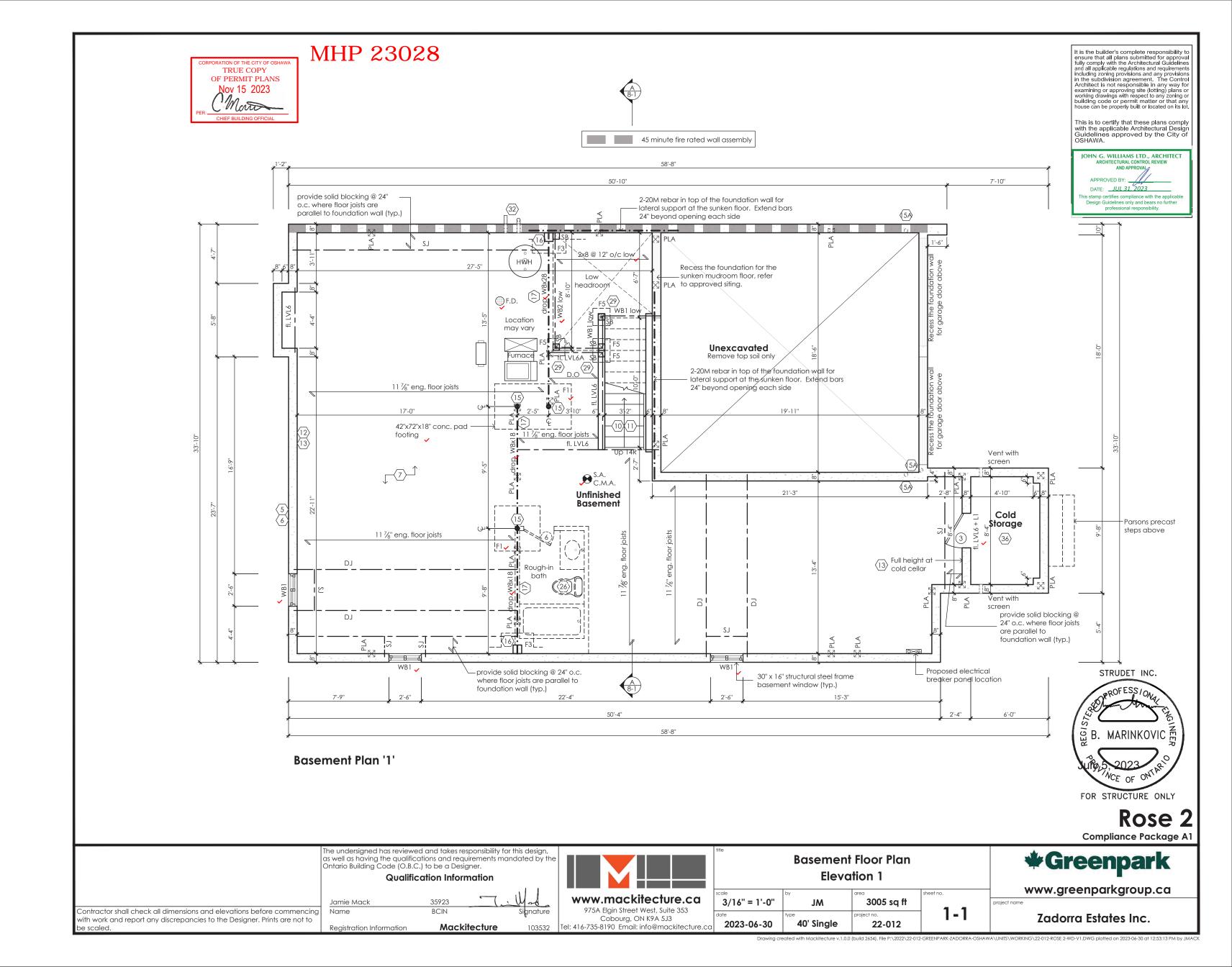
Tel: 416-735-8190 Email: info@mackitecture.ca

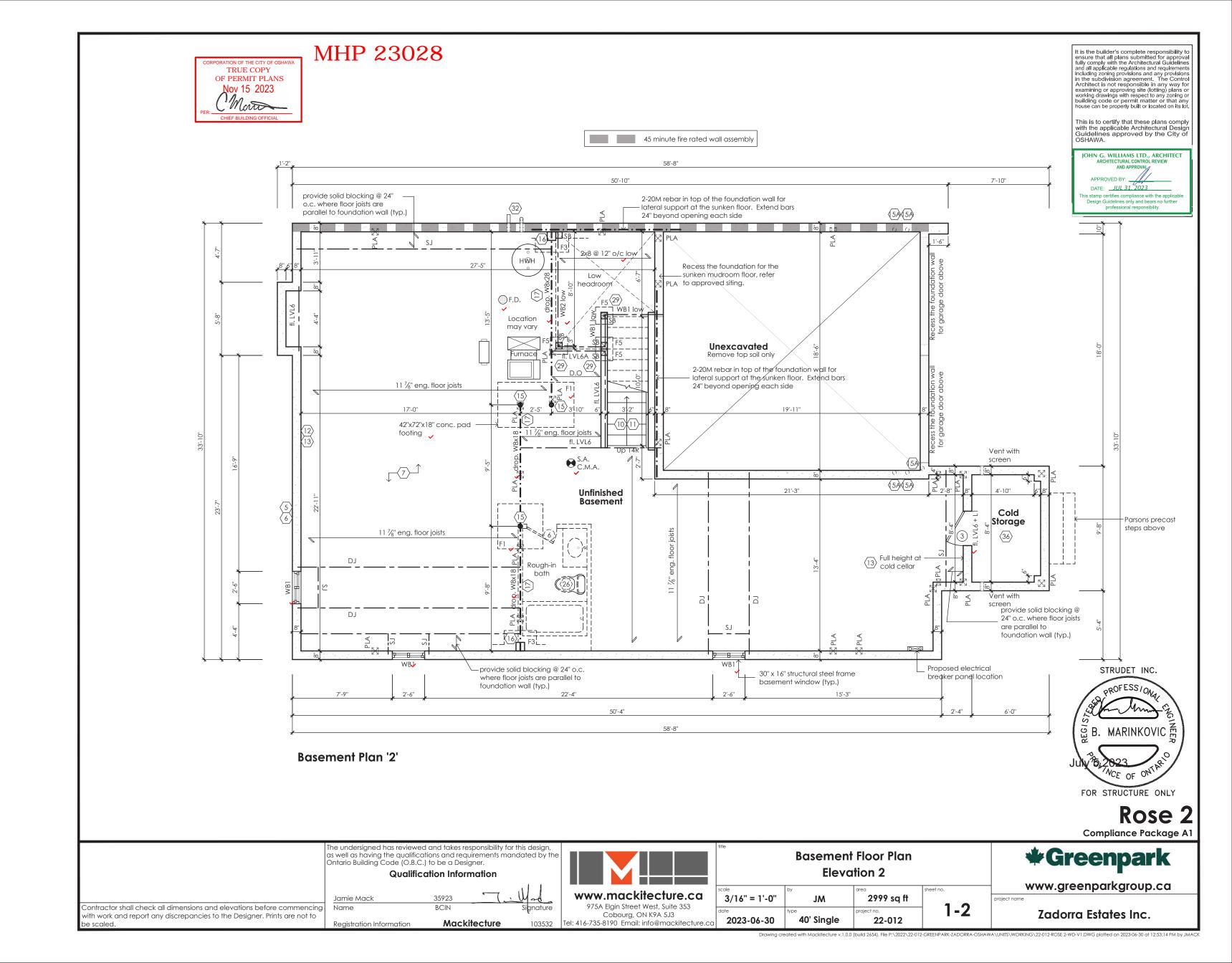
# **General Notes and Charts Elevation 1**

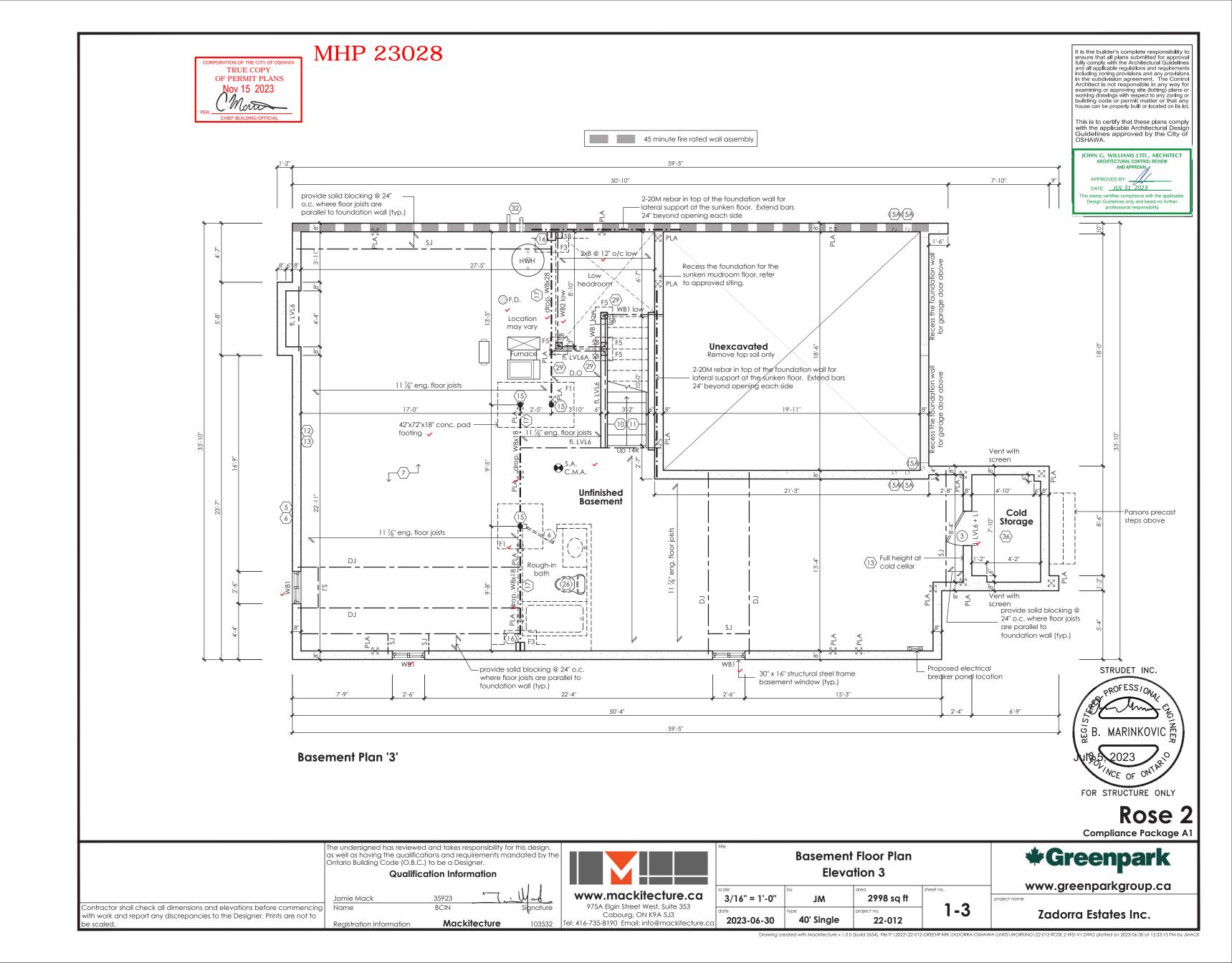
0 2023-06-30 40' Single 22-012

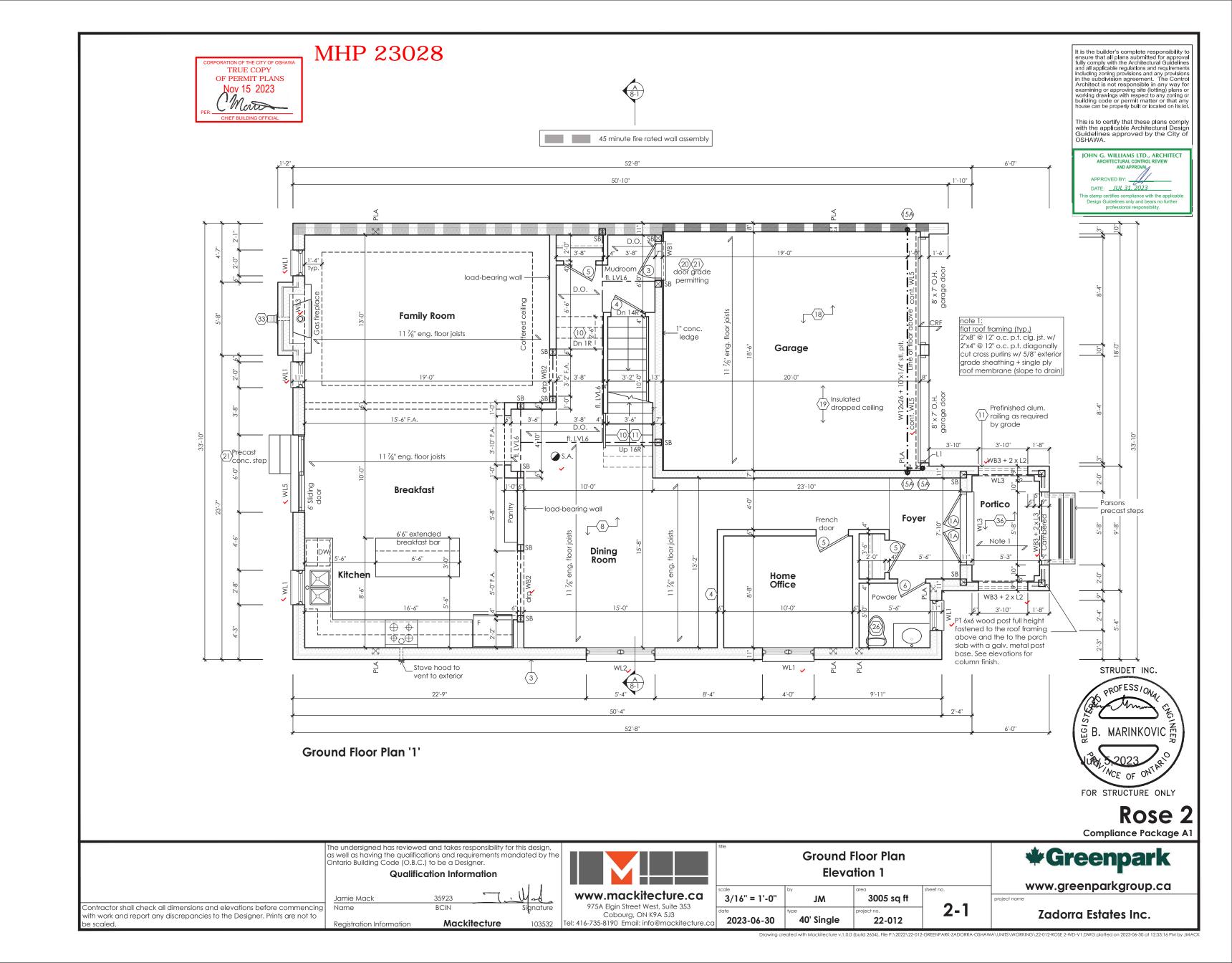


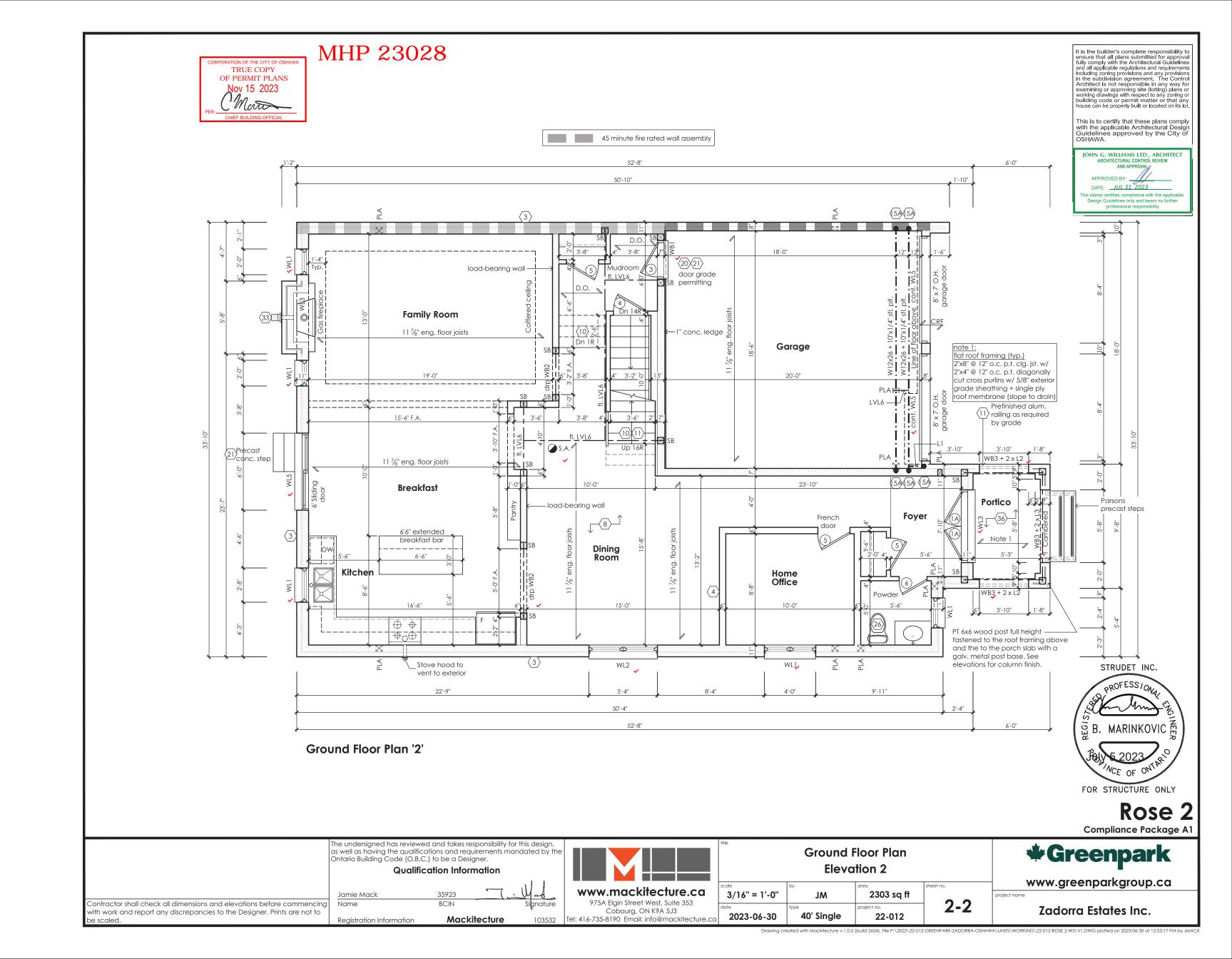
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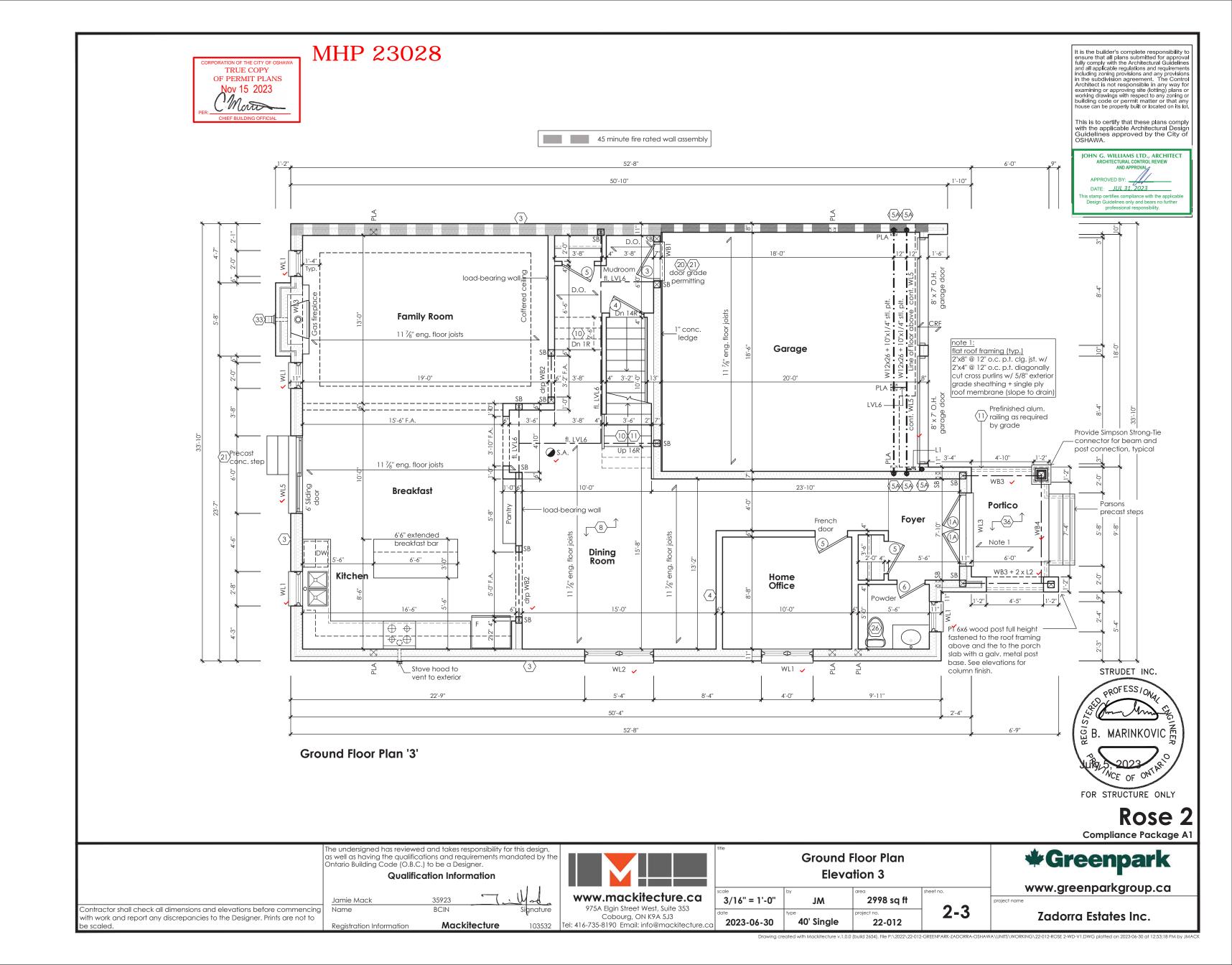


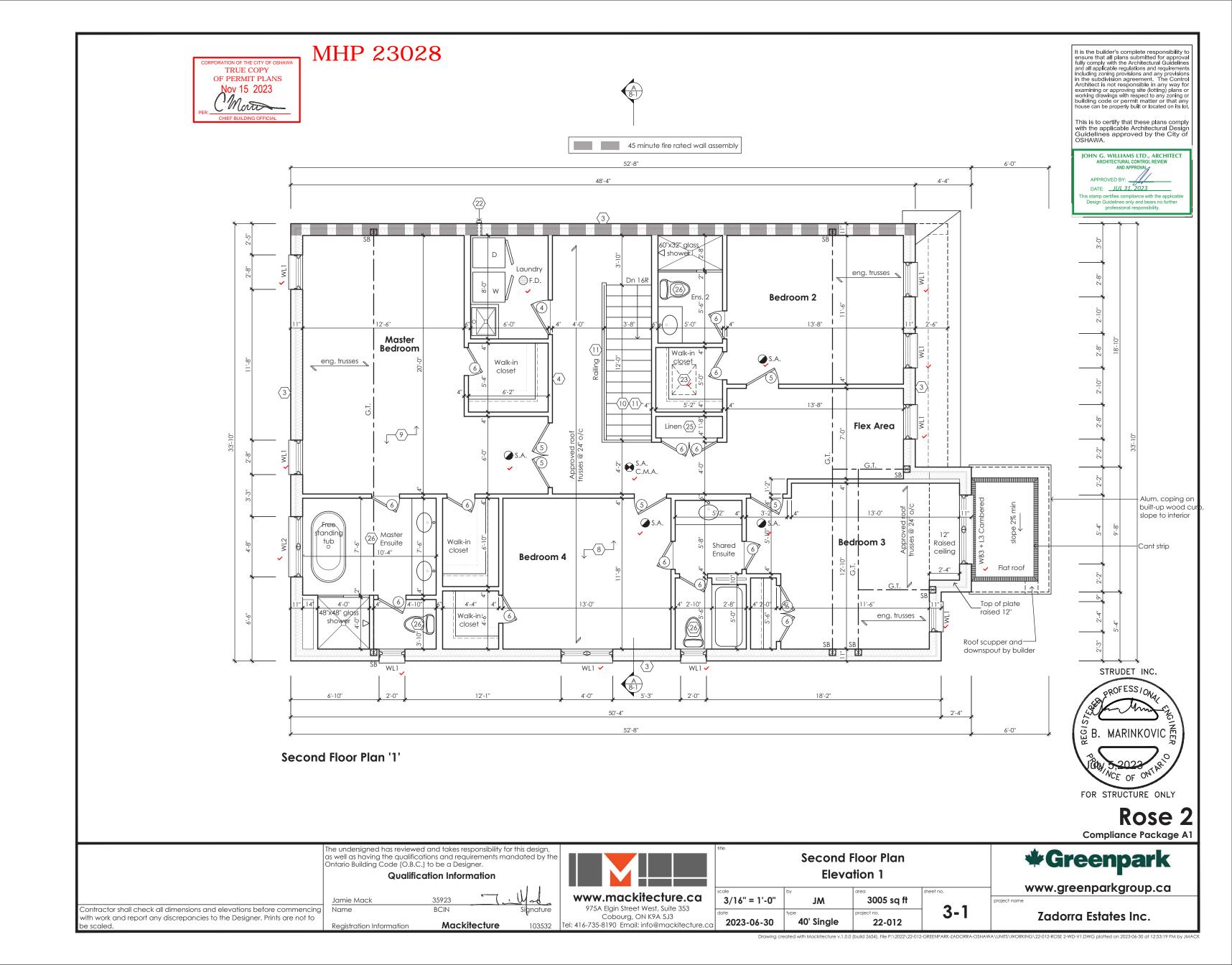


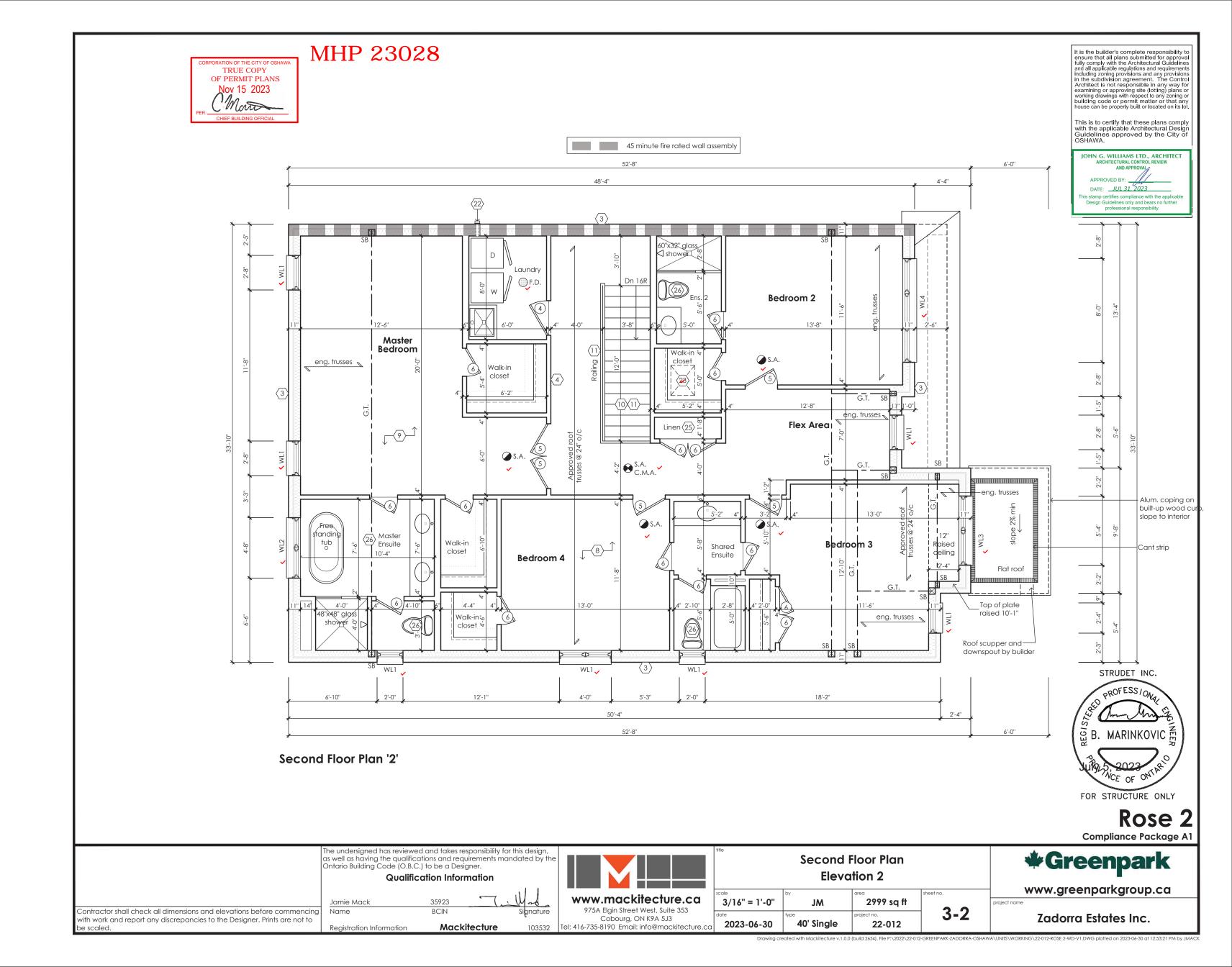


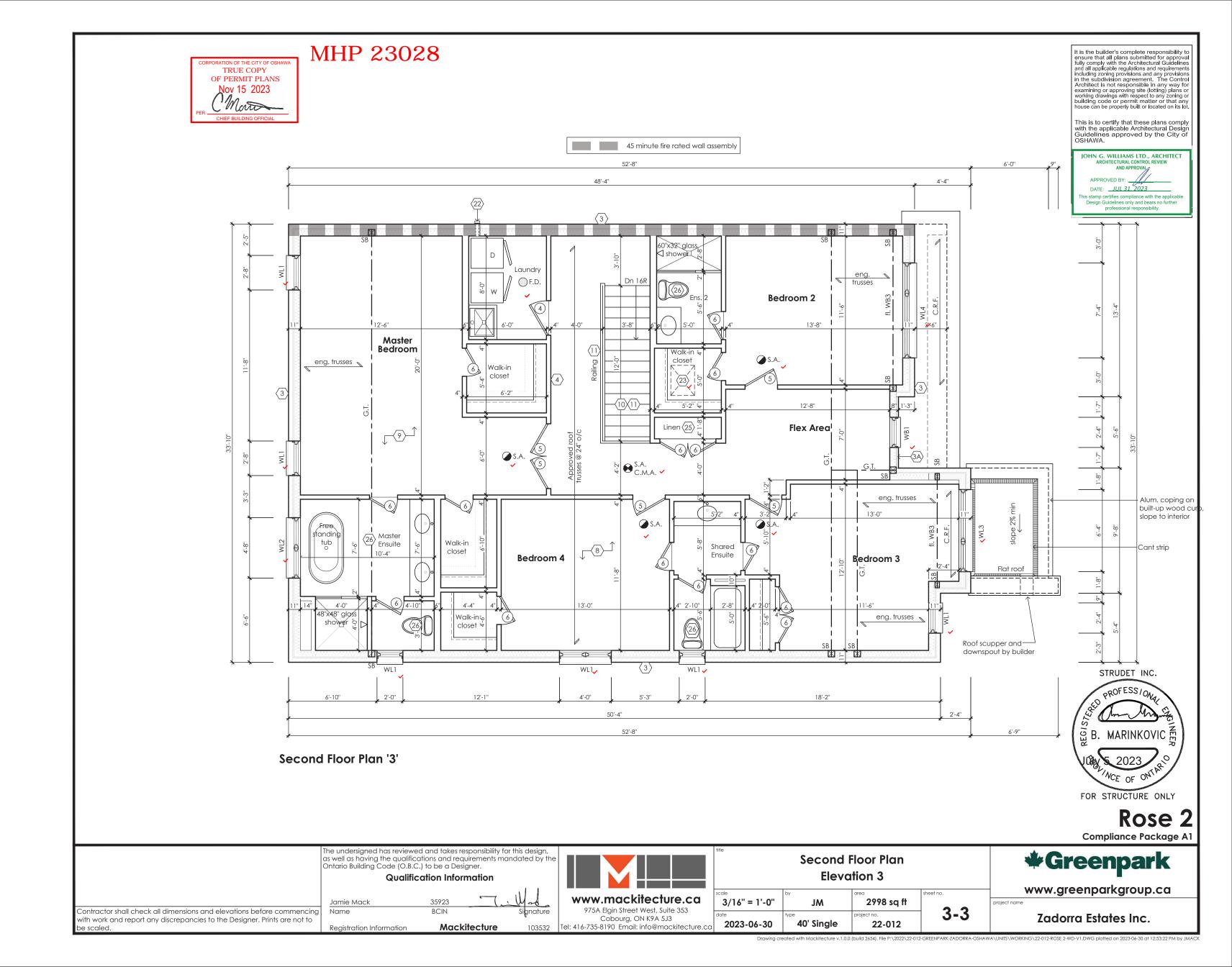


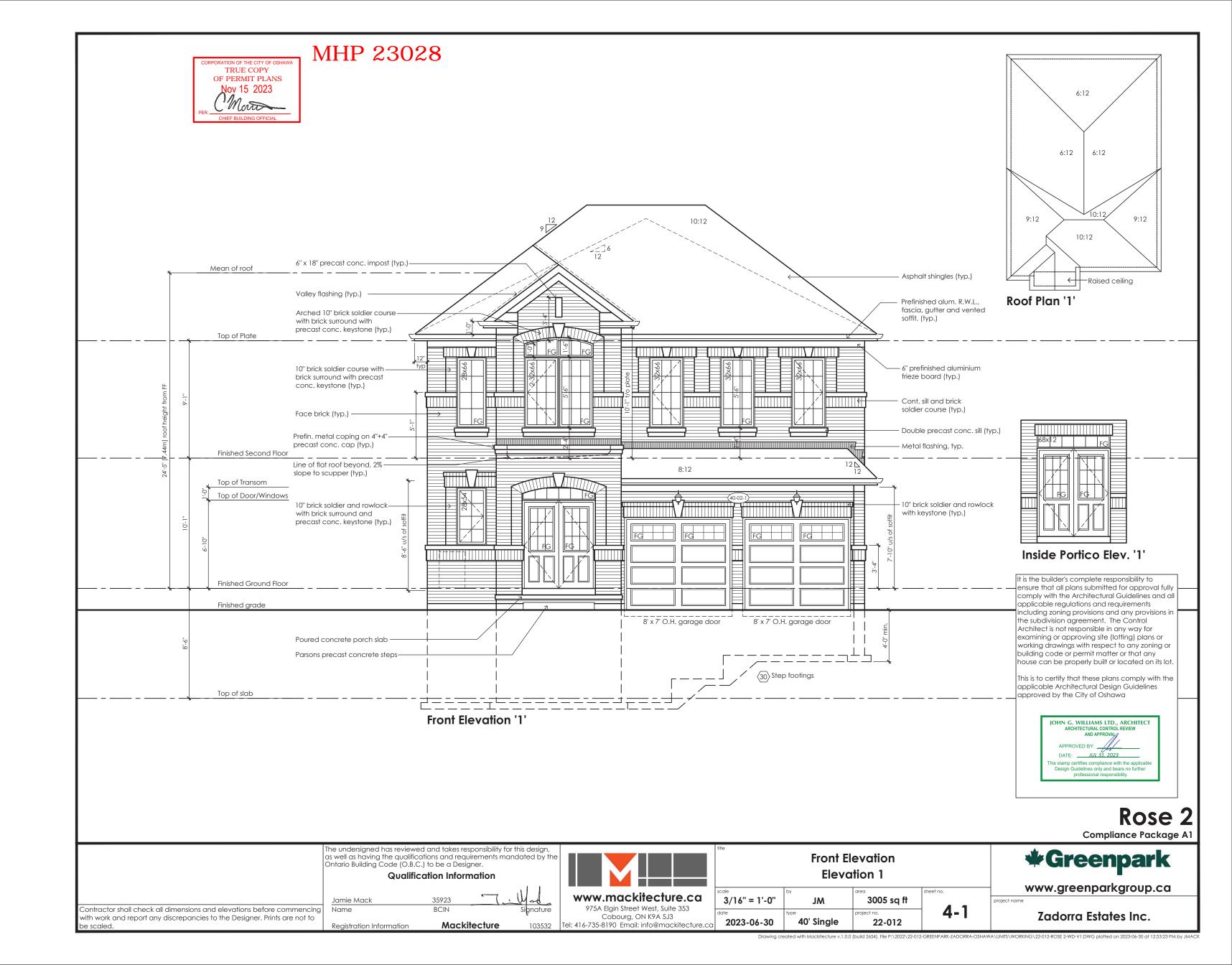


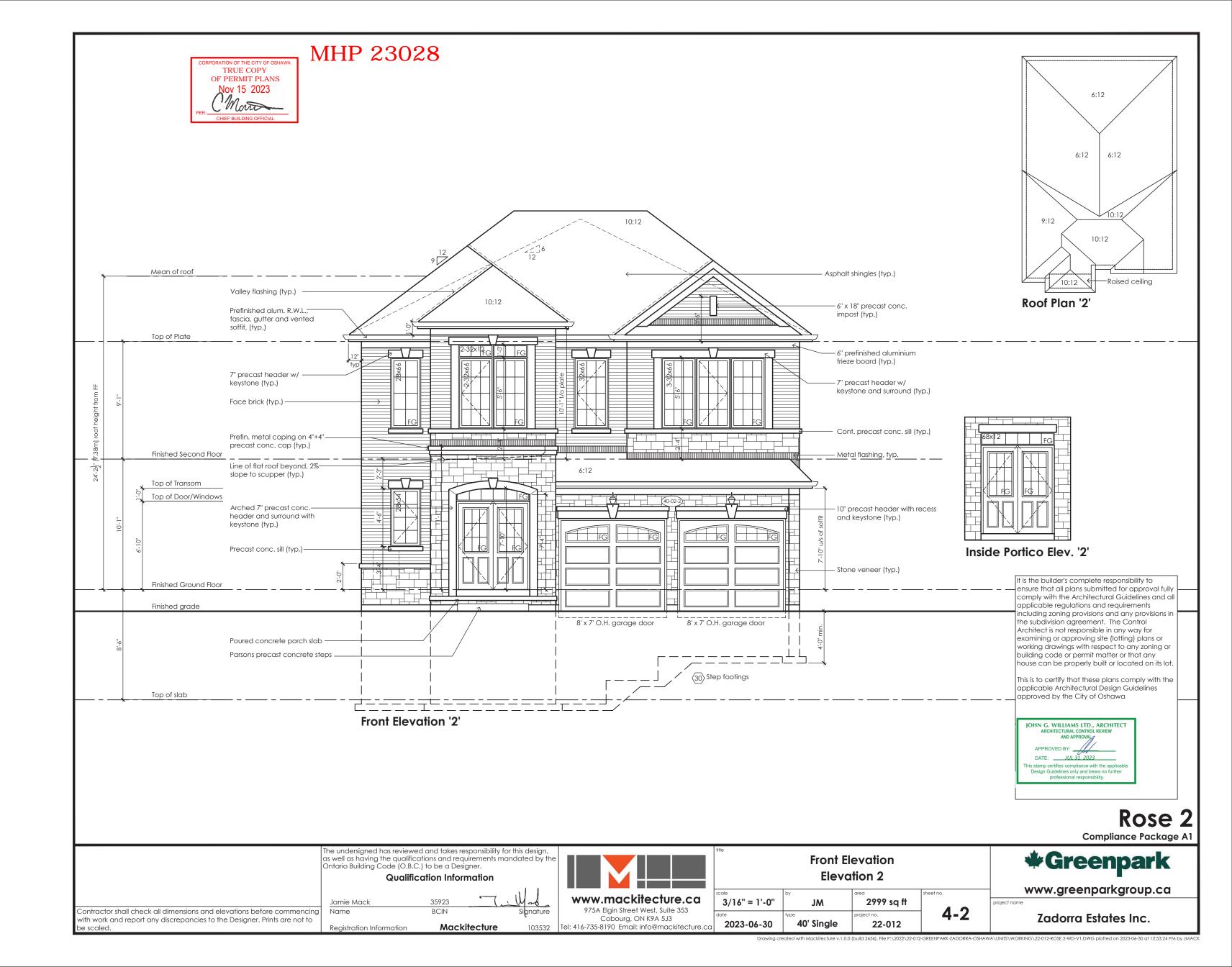


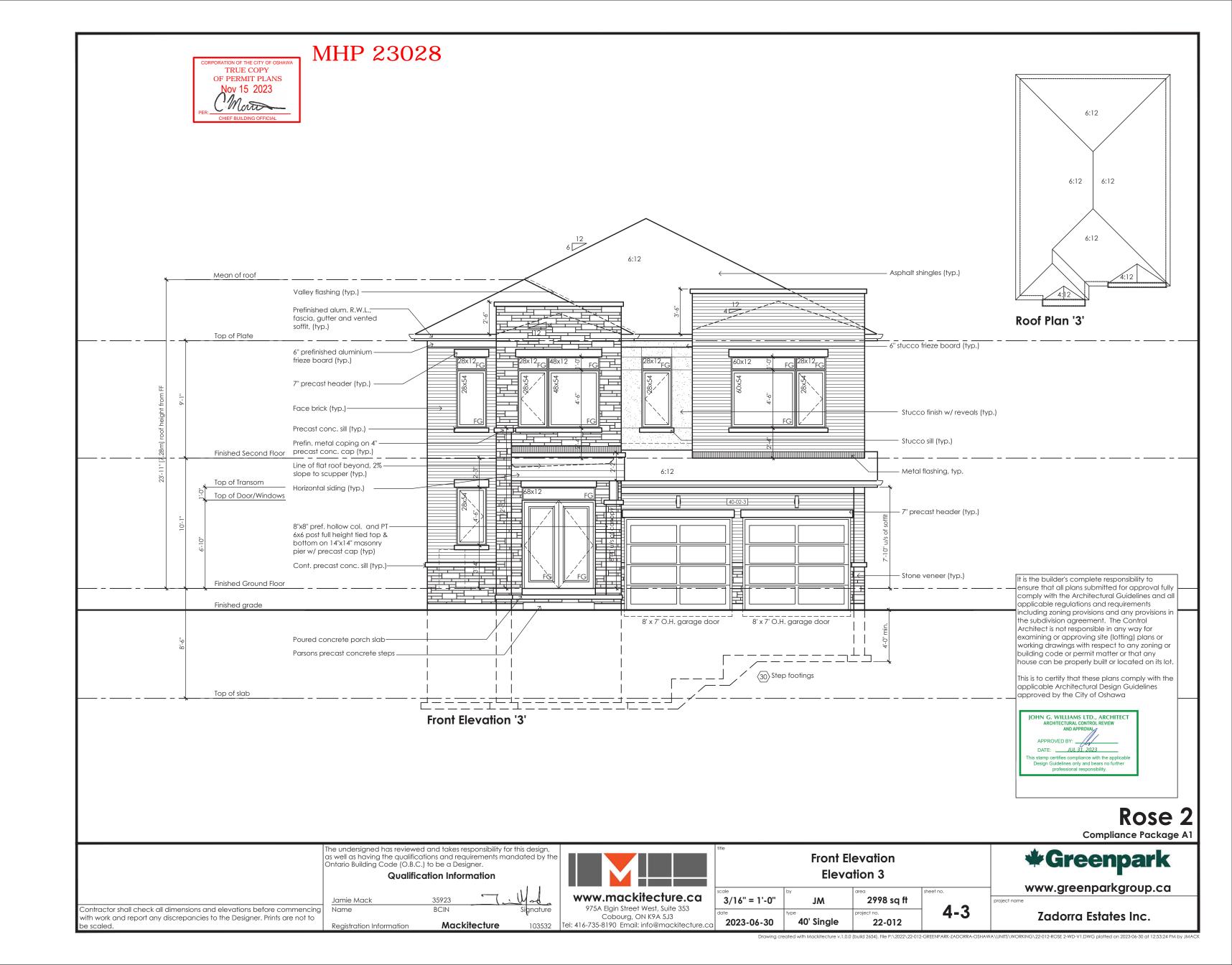


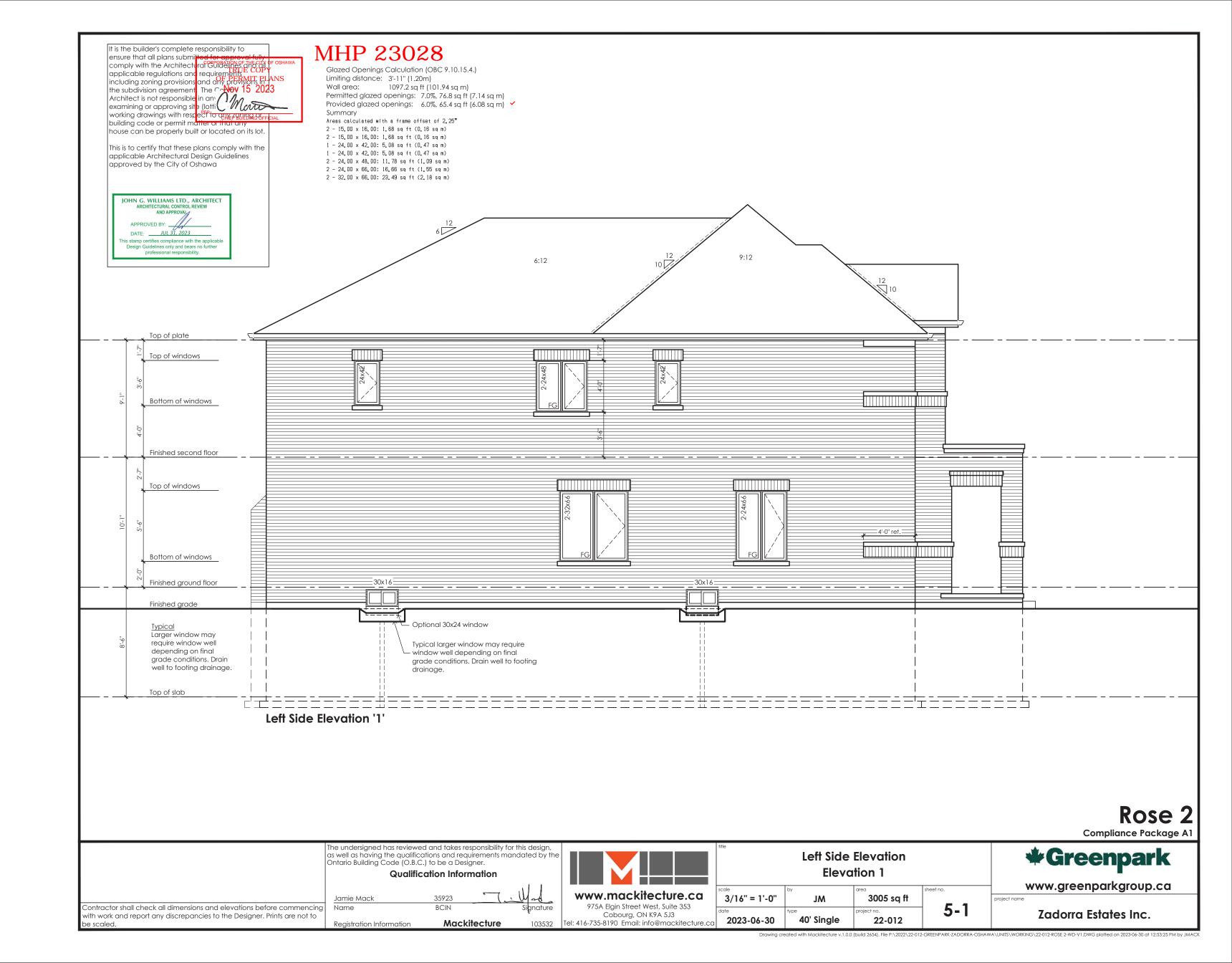


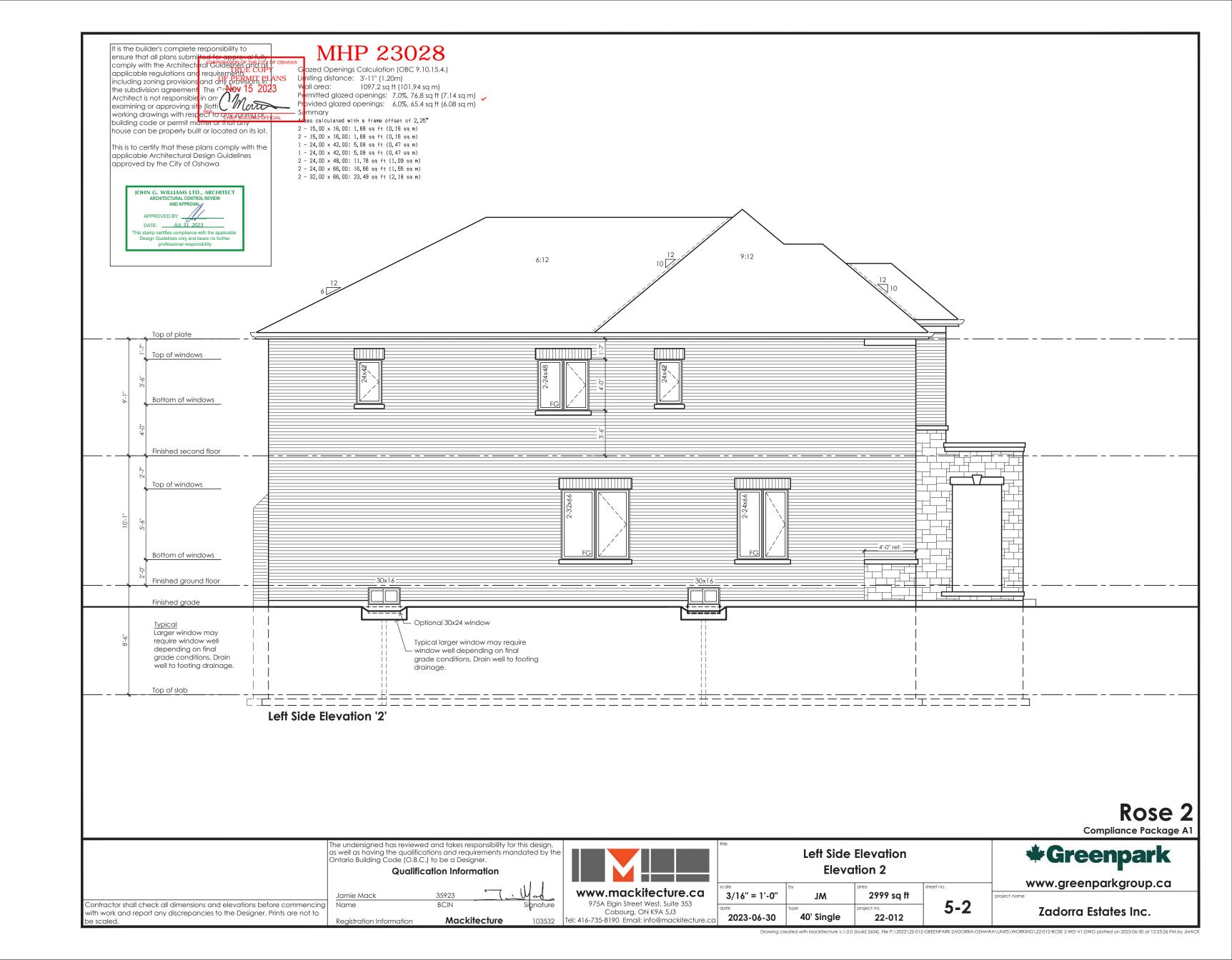


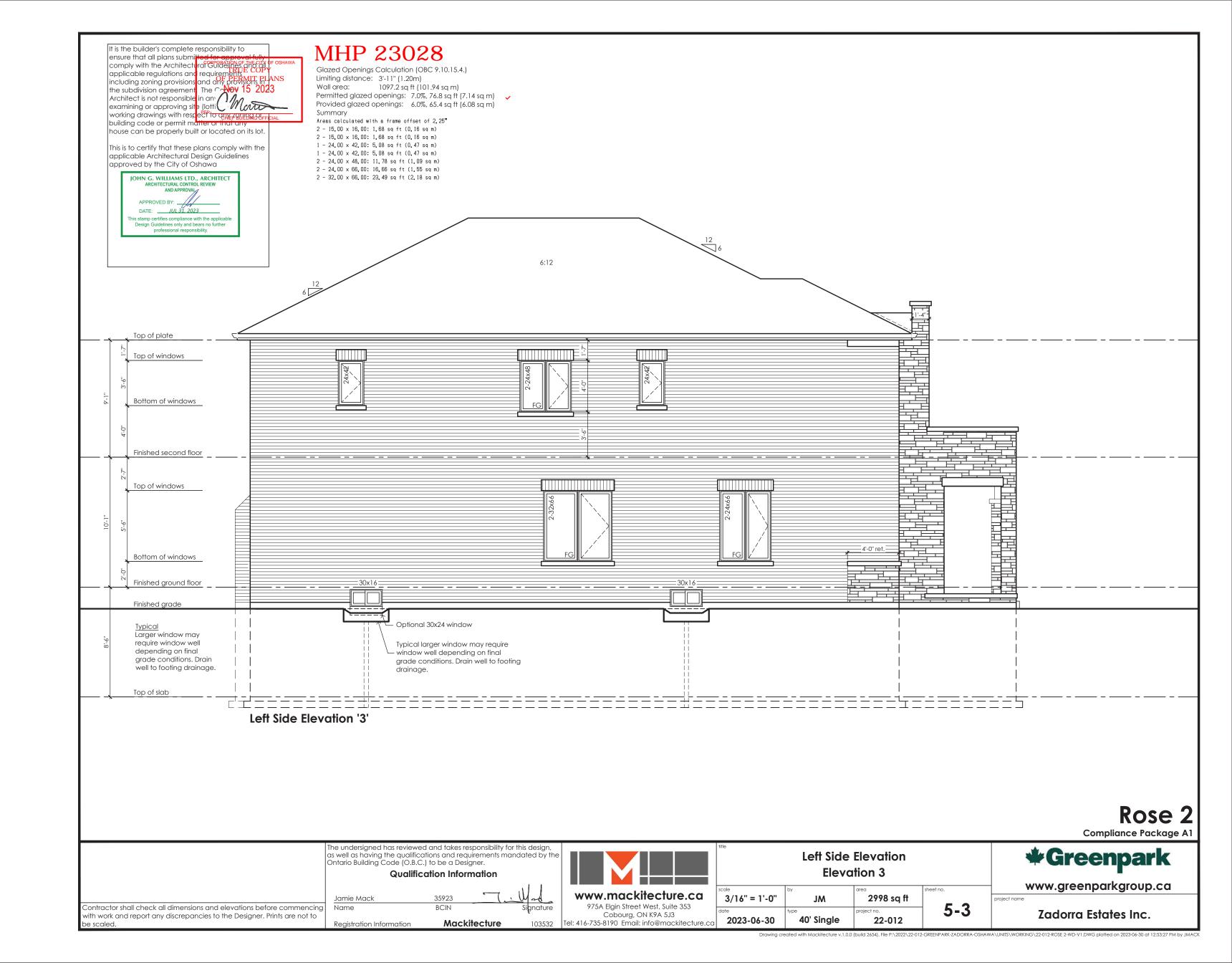


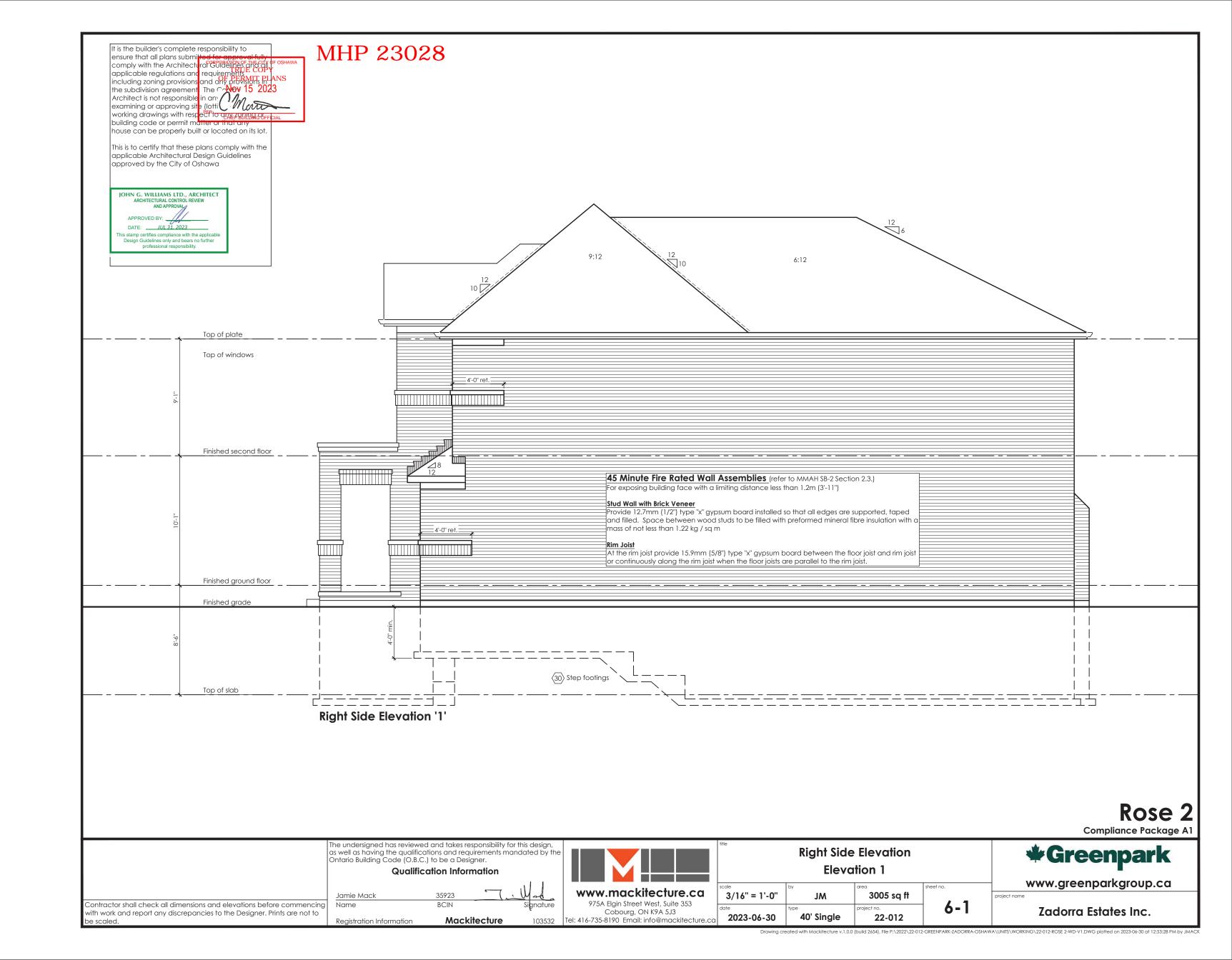


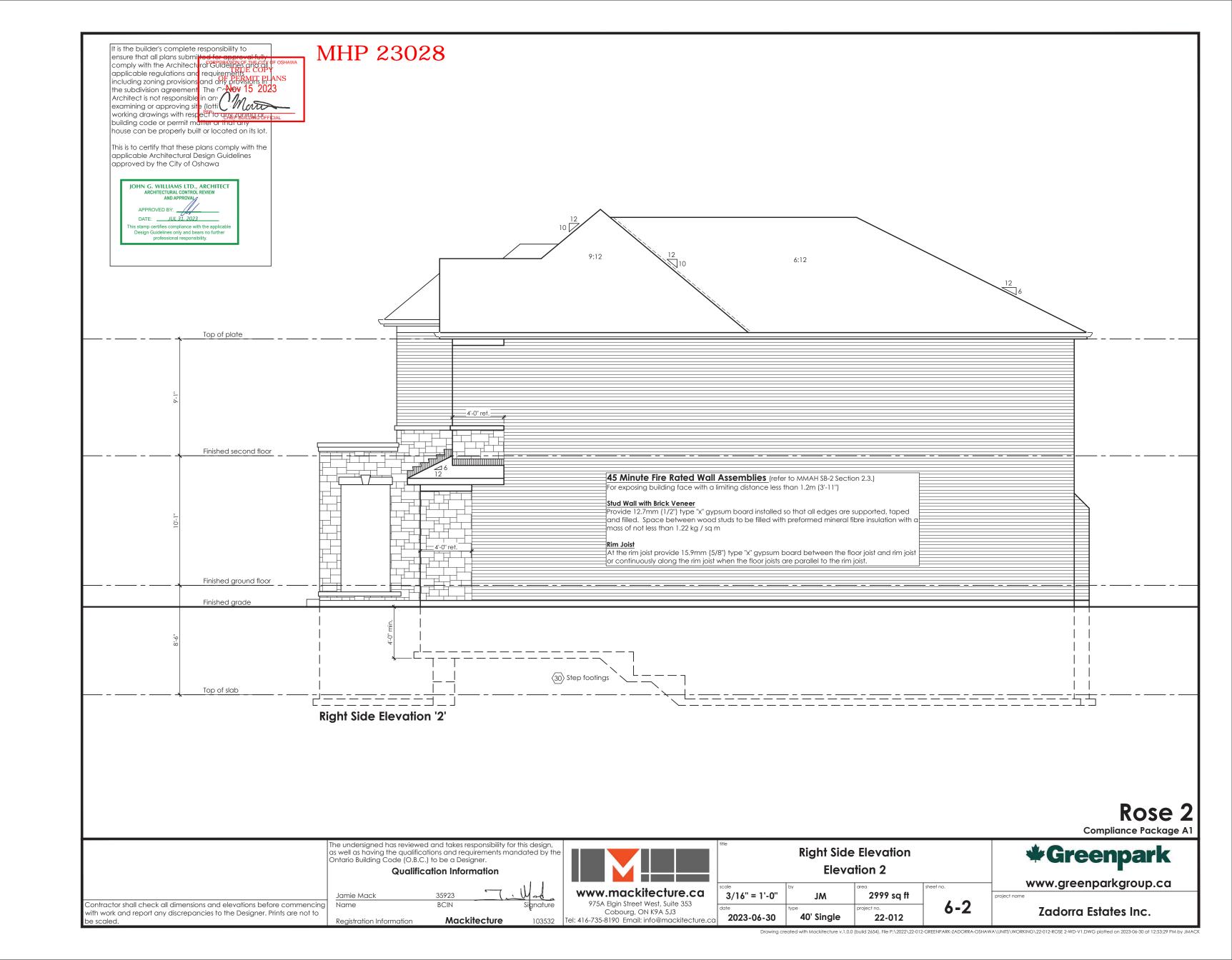


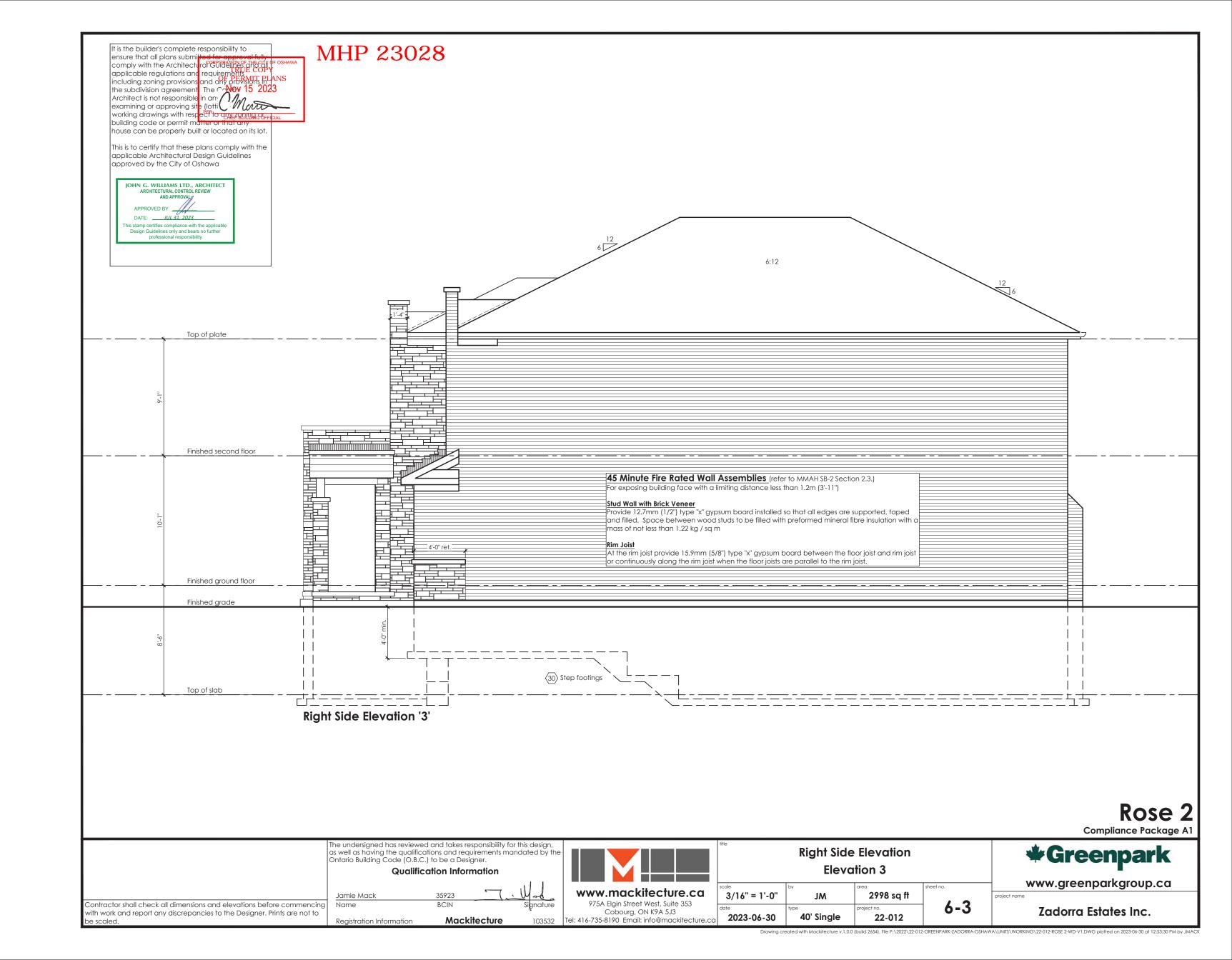


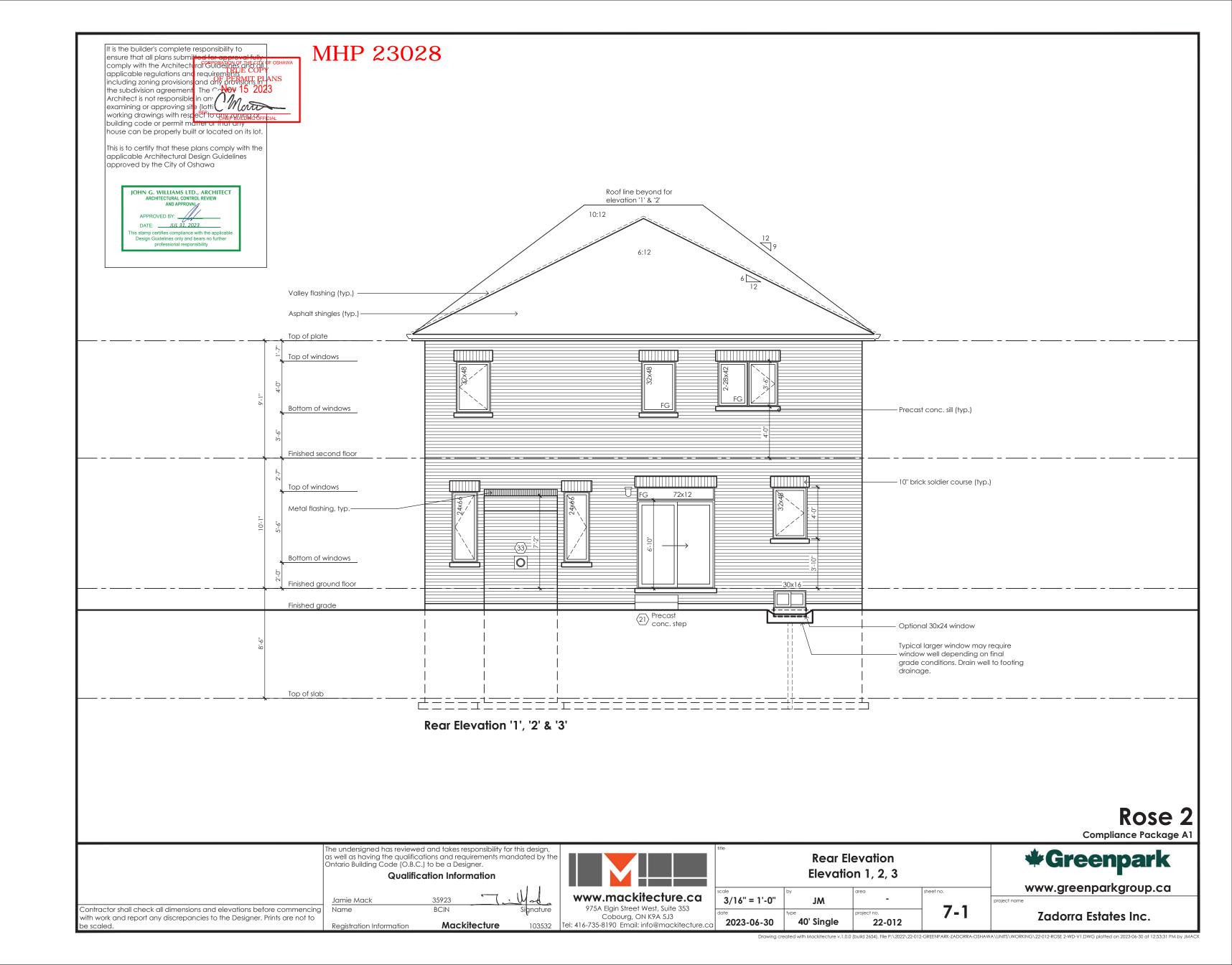


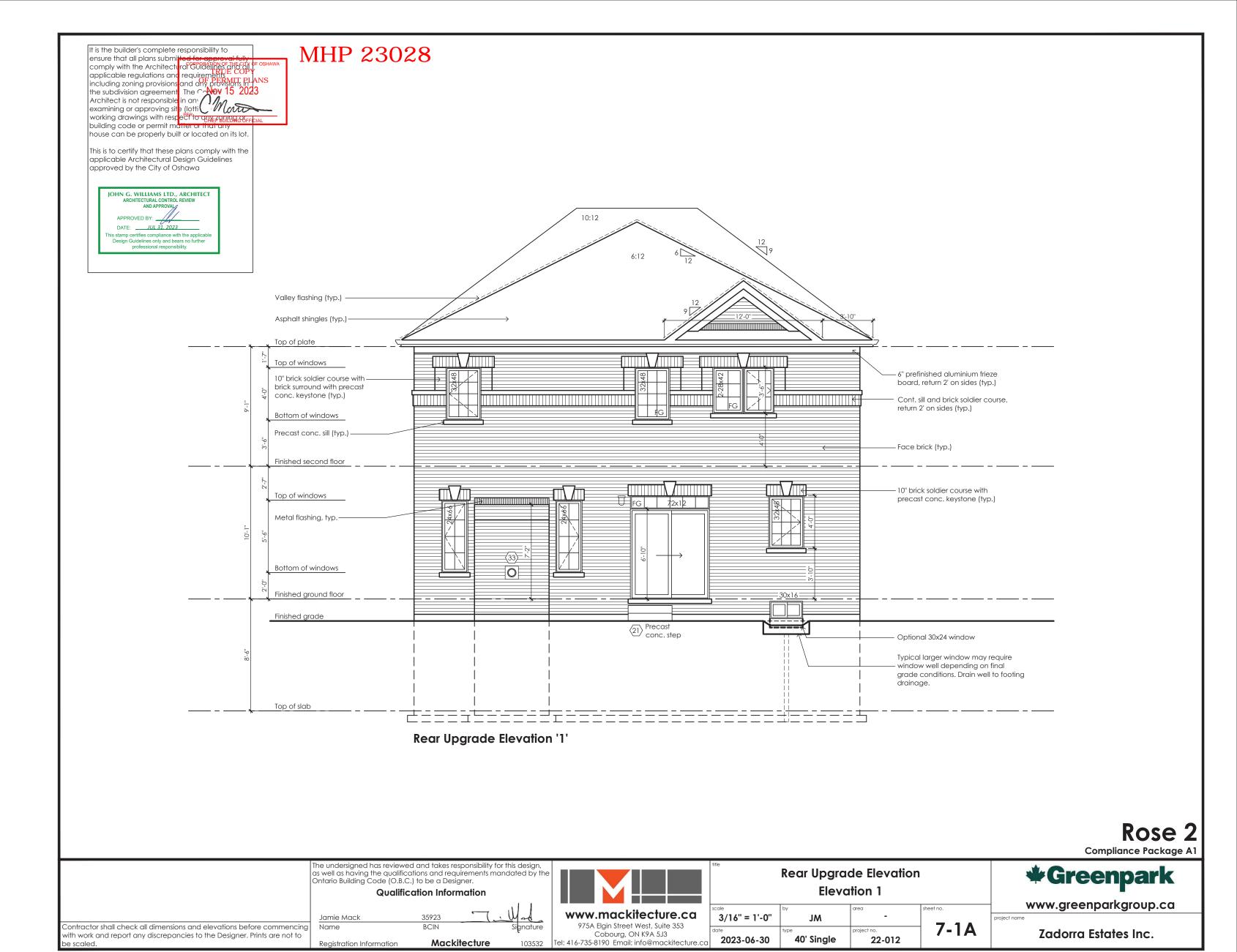


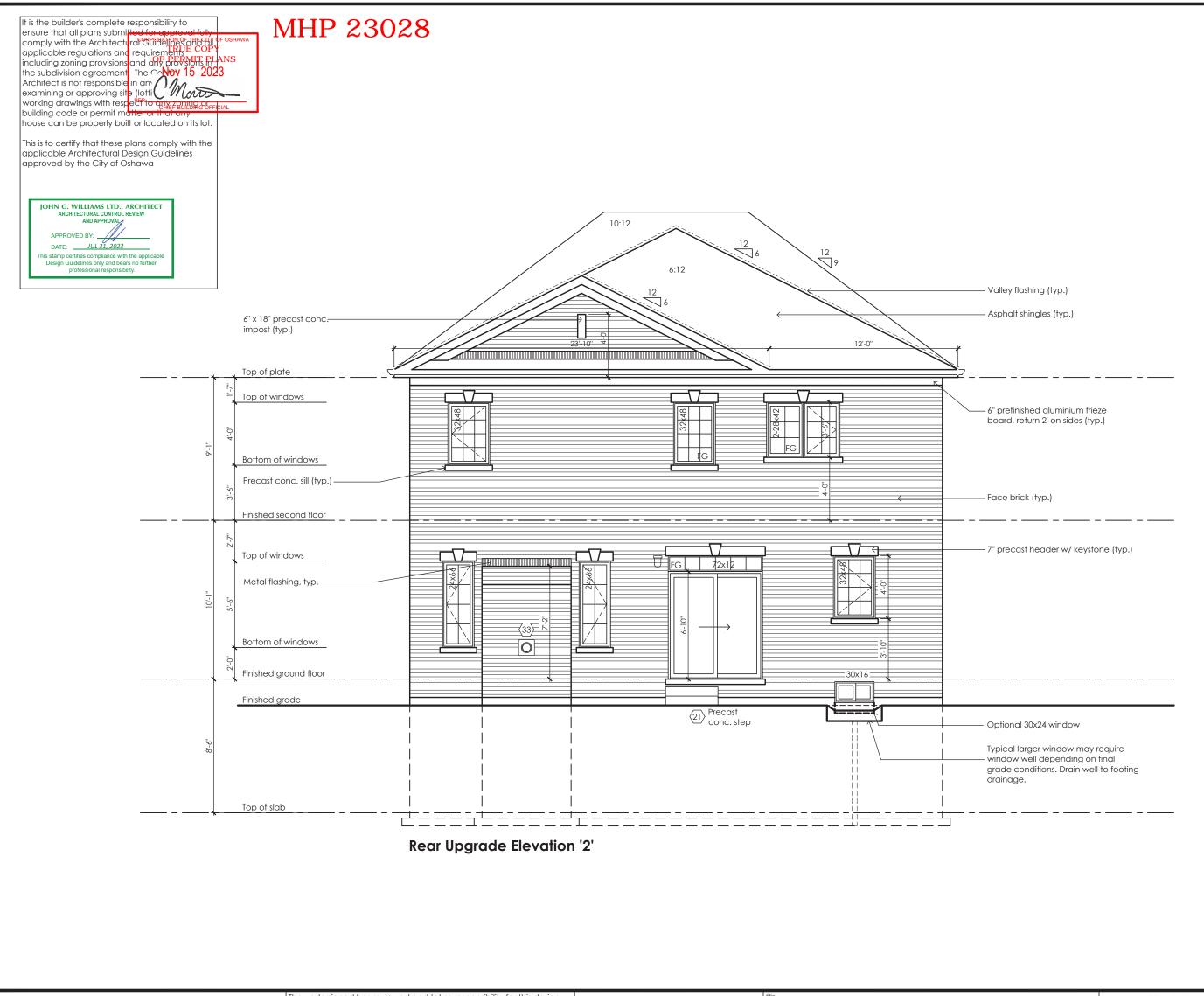














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# **Qualification Information**

BCIN Mackitecture

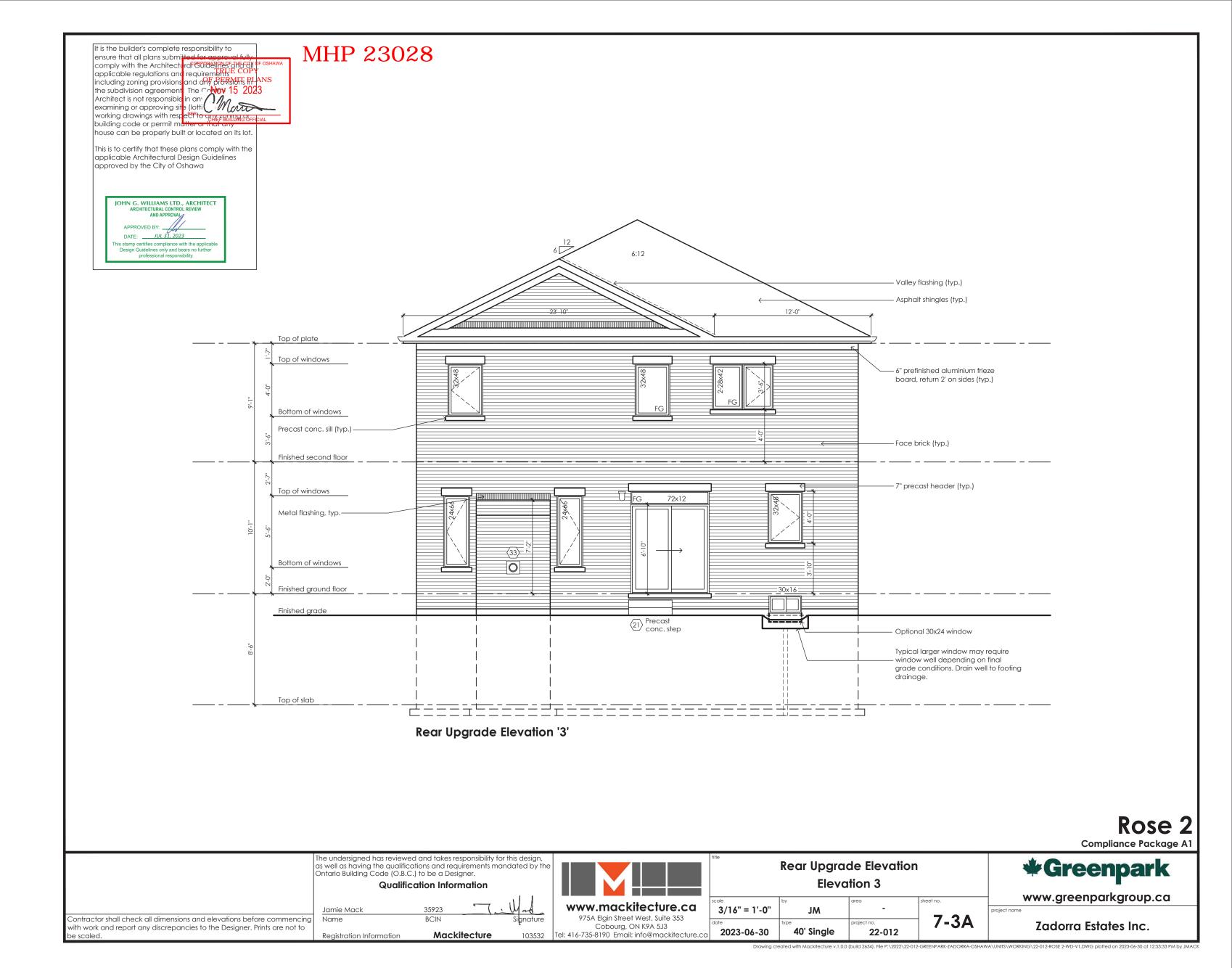
Contractor shall check all dimensions and elevations before commencing with work and report any discrepancies to the Designer. Prints are not to

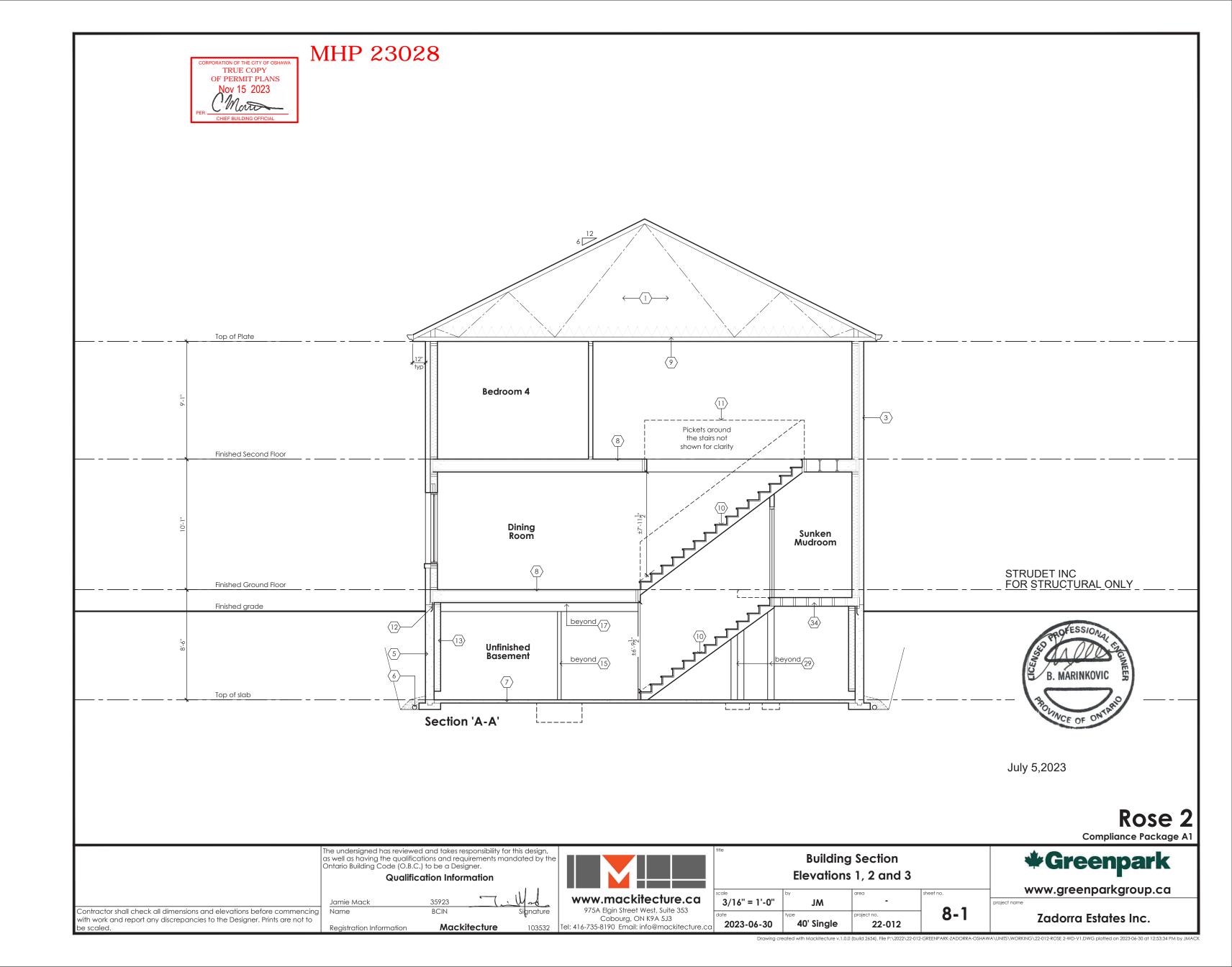


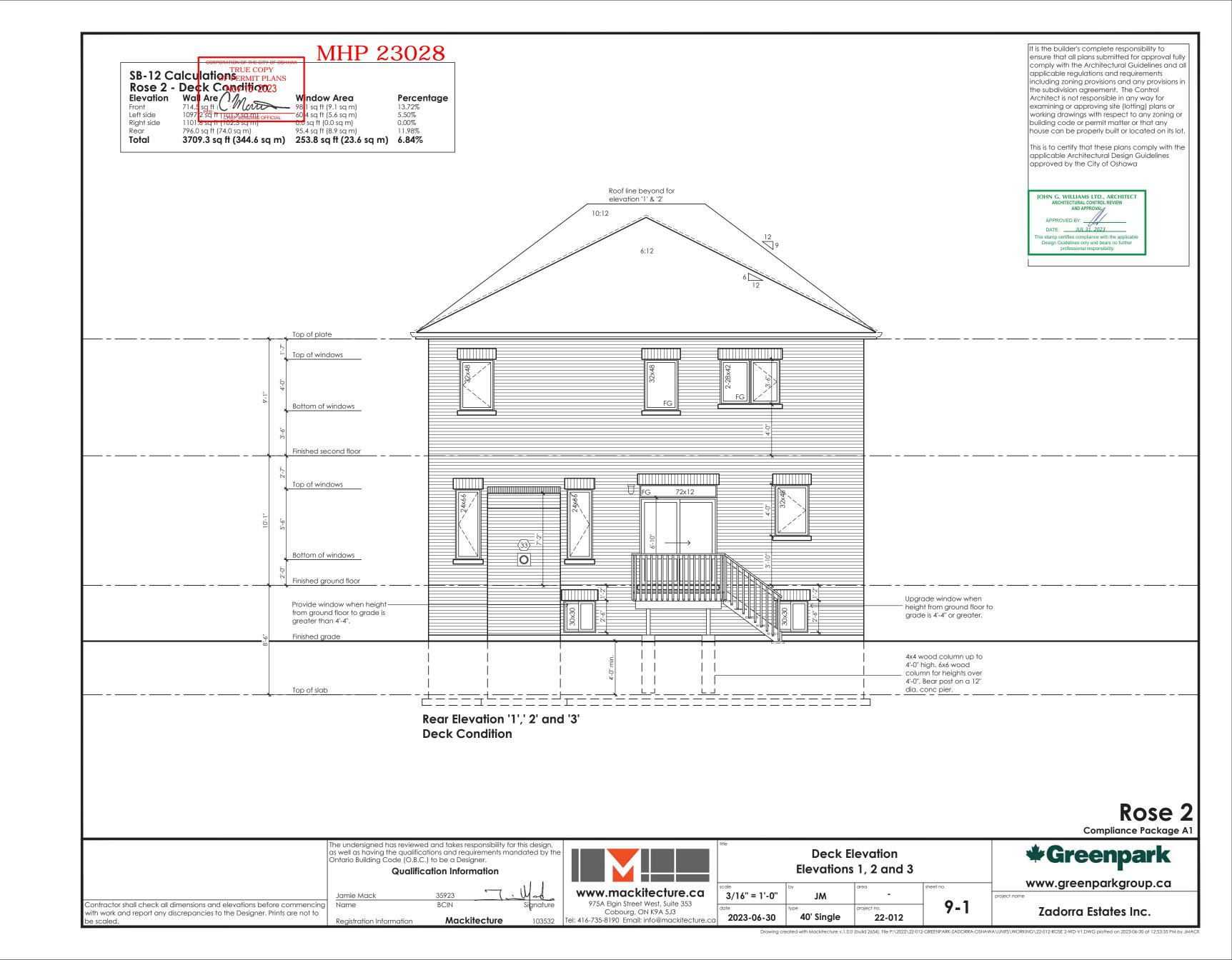
# **Rear Upgrade Elevation Elevation 2** 3/16" = 1'-0" 7-2A

# **<b><b>Greenpark**

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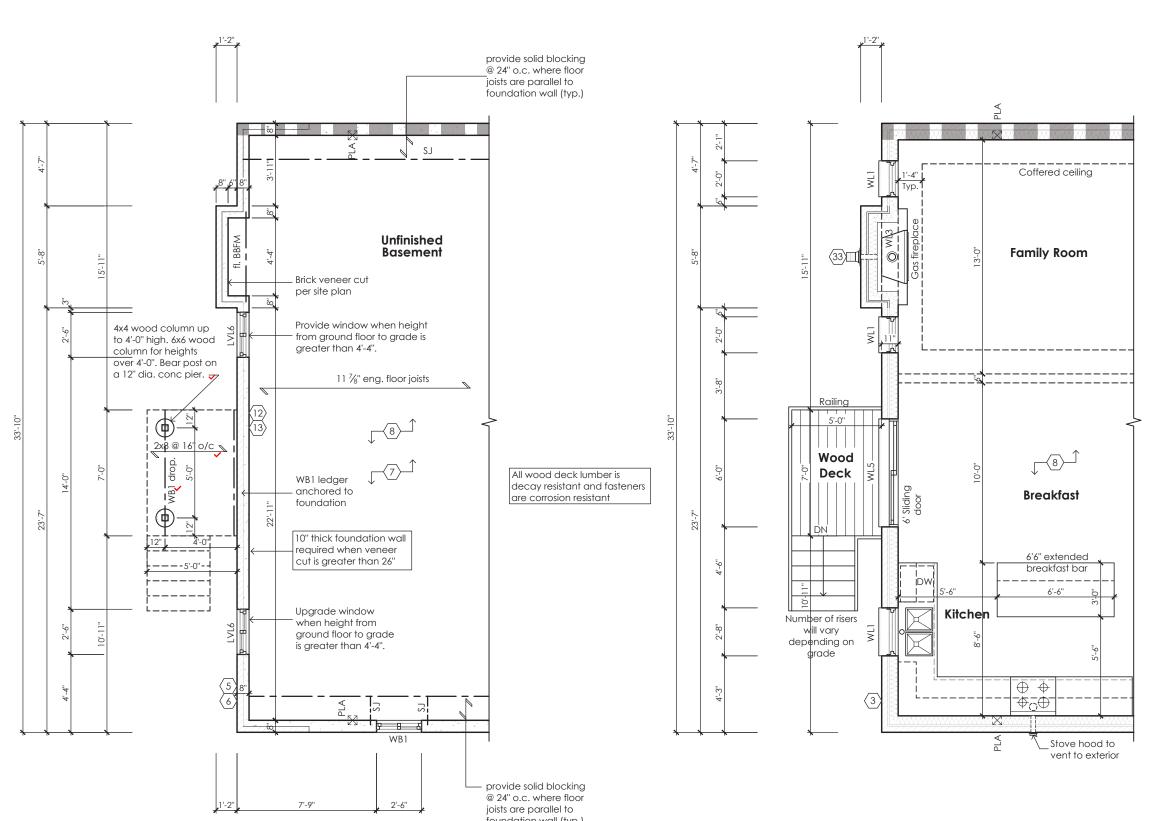


MHP 23028

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 Design Guidelines approved by the City of OSHAWA.





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

Partial Ground Floor Plan For Deck Condition Elevation '1',' 2' and '3'

NOE OF ONTER FOR STRUCTURE ONLY Rose 2

Compliance Package A1

STRUDET INC. PROFESS/ONA

B. MARINKOVIC R

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# **Qualification Information**

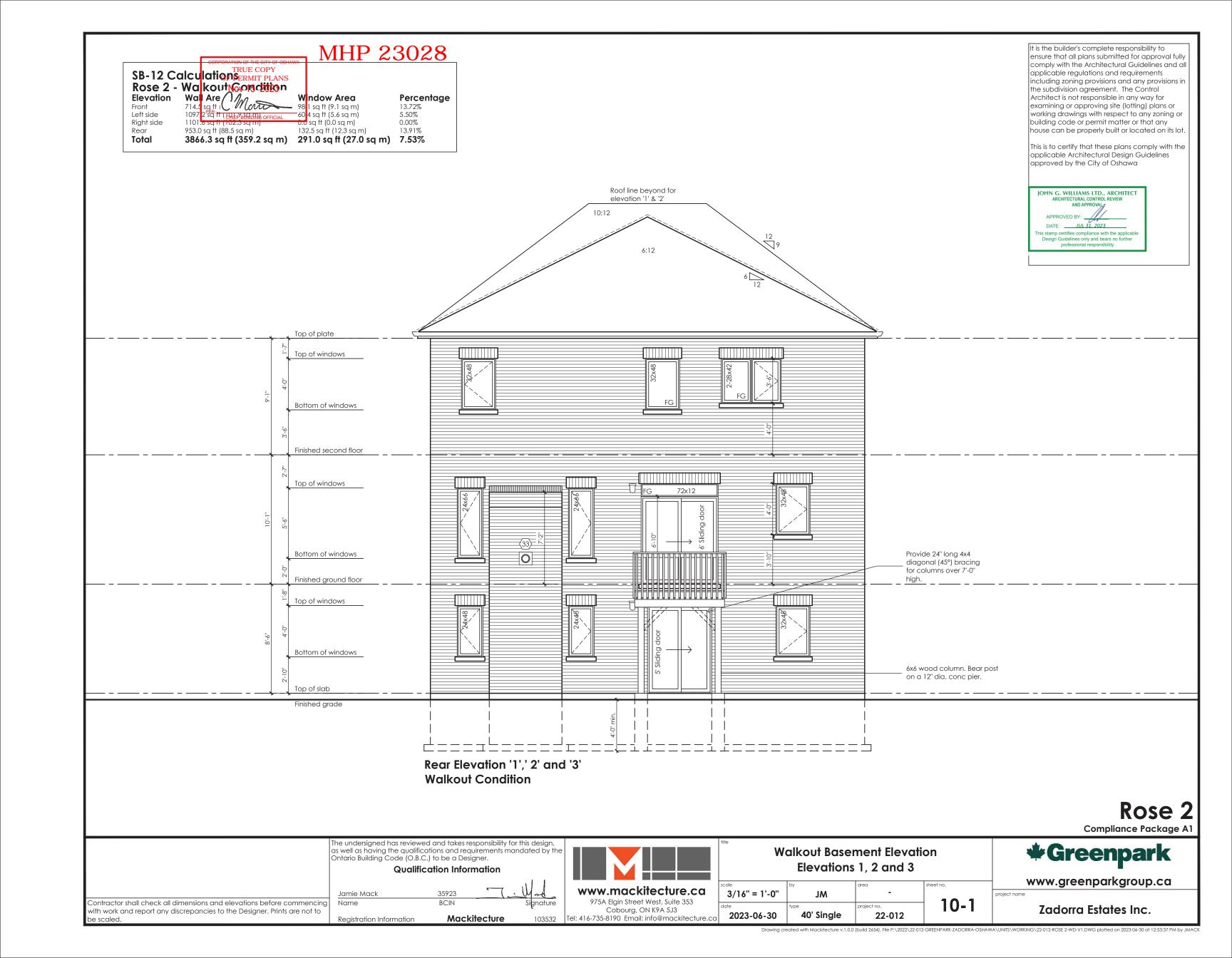
BCIN Mackitecture

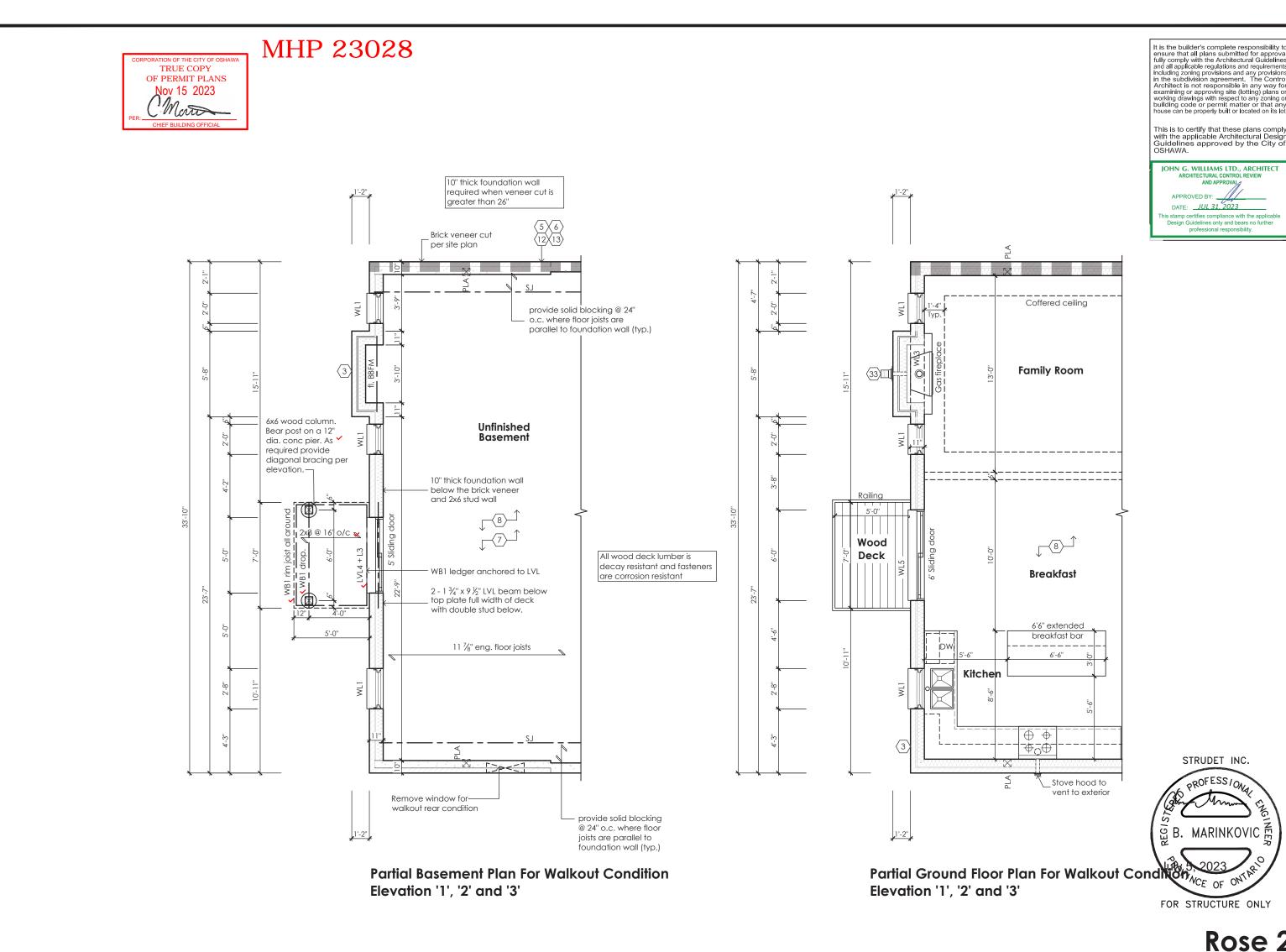


Deck Plans Elevations 1, 2 and 3							
scale	by	area	sheet no.				
3/16" = 1'-0"	JW	-					
date 2023-06-30	40' Single	project no. <b>22-012</b>	9-2				



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Rose 2 Compliance Package A1

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Mackitecture

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**Walkout Basement Plans** Elevations 1, 2 and 3 3/16" = 1'-0" 10-2 40' Single 22-012 2023-06-30



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