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

TRUE COPY Shawa® of PERMIT PLANS Nov 14 2023 Morto

## MHP 23034 **Development Services Department Building Permit and Inspection Services**

#### **SOIL CONDITIONS**

SOIL 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 14, 2023 **ARCHITECTURAL** CMSTRUCTURAL FIRE CARD PLUMBING MECHANICAL PLANS REVIEW CMCOMPLETED Nov 14, 2023

#### **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 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

#### LESS THAN 550mm (21 5") BY 900mm (35")

**ATTIC HATCHES SHALL NOT BE** 

#### 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 HE

	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

#### Strip Footings

For Singles and Semi-Detached Houses up to 2 storeys For 8" or 10" foundation walls with 2x8 / 2x10 floor, pists

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

24" wide x 8" thick concrete stri

Footings on engineered fill

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 Soil	90 kPa Engineered
<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"	<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 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 ioists @ 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**

lefer 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" x 5" x  $\frac{1}{4}$ " 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**

ŀ	No.	o. Width		Ceiling Heights		Туре
ı				8' to 9'	10' or more	
ľ	1	2'-10''	(34")	6'-8"	8'-0''	Insulated entrance door
ŀ	1A	2'-8"	(32'')	6'-8"	8'-0"	Insulated entrance door
1	2	2'-8"	(32")	6'-8"	8'-0"	Wood and glass door
1	3	2'-8"	(32'')	6'-8"	8'-0"	Exterior slab door
ŀ	4	2'-8"	(32")	6'-8"	8'-0"	Interior slab door
1	5	2'-6"	(30'')	6'-8"	8'-0''	Interior slab door
1	6	2'-2"	(26")	6'-8"	8'-0"	Interior slab door
1	7	1'-6"	(18")	6'-8"	8'-0"	Interior slab door

#### Garage Wall - 2x4 Stud Design

Studs	Spacing	Maxim	ium 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)

Issued for client review

Issued for permit

Issued for p. eng. review

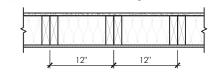
- For roof design snow loads of 2.6kPa Supported roof truss length of 6.0m
- Supported floor joist length of 2.5m
- Studs exceeding 3.0m in height shall be installed per OBC 9.23.10.1.(2)

Contractor shall check all dimensions and elevations before commencing

with work and report any discrepancies to the Designer. Prints are not to

# 2 32-2x 8 stud wall nailed together and spaced at 12" o/c full height c/w solid

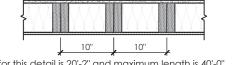
olocking @ 48" o/c vertical and  $\%_6$ " OSB exterior wall sheathing.



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

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

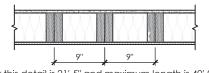
2 - 1 ½" x 5 ½" Laminated strand lumber (LSL) 1.5E stud wall alued and nailed togethe and spaced at 10" o/c full height c/w solid blocking @ 8'-0" o/c vertical and  $\frac{7}{6}$ " OSB exterior wall sheathing.



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

#### 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 togethe and spaced at 9" o/c full height c/w solid blocking @ 8'-0" o/c vertical and  $\%_6$ " OSB



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

#### Steel Angles and Wood Beam Schedules

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

Label	Steel Angle Size (v x h x 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" x 3 ½" x ¾" (102 x 89 x 7.9) [?]	+	2 - 2 x 8 (2 - 38 x 184) S.P.F. No. 2	
WL3 =	5" x 3 ½" x ¾;" (127 x 89 x 7.9) [4]	+	2 - 2 x 10 (2 - 38 x 235) S.P.F. No. 2	
WL4 =	6" x 3½" 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 3 ½" x ¾;" (127 x 89 x 7.9) [4]	+	2 - 2 x 12 (2 - 38 x 286) S.P.F. No. 2	
WL7 =	5" x 3 ½" x ¾;" (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 ¾;" (127 x 89 x 7.9) [4]	+	3 - 2 x 12 (3 - 38 x 286) S.P.F. No. 2	
WL9 =	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 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
WB12	=	4 - 2 x 12	(4 - 38 x 286)	S.P.F. No. 2

#### aminated Veneer Lumber (LVL) Beams

Lami	nai	ed veneer L	ningei (rai
Label		Beam Size (mer	nbers + w + h
LVL1A	=	1 - 1 ¾" x 7 ½"	(1 - 45 x 184)
L <b>VL1</b>	=	2 - 1 3/4" x 7 1/2"	(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 x 240)
LVL6A	=	1 - 1 ¾" x 11 ½"	(1 - 45 x 300)
LVL6	=	2 - 1 3/4" x 11 7/8"	(2 - 45 x 300)
LVL7	=	3 - 1 ¾" x 11 ¾"	(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	1 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 ¾;"	(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 ¾"	(178 x 102 x 9.5) [?]

#### Glue-Laminated Floor Beams

IUC	- L(	allillated floor bed
ıbel		Beam Size (w x h)
LU1	=	3 ½" x 11 ½" (80 x 300)
LU2	=	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

Space Heating Fuel

9	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

Edge of Below Grade Slab = 600 mm Below Grade 10 Windows and Sliding Glass Doors Energy rating: 25

Skylights Max. U: Min. AFAU: 96% HRV Min SRF 75% Domestic Water Heater 0.80 Min. EF:

## Area Calculations

#### Villa 2-1

1172 sq ft, 108.88 sq m Ground Floor 1345 sq ft, 124.95 sq m 2517 sq ft, 233.84 sq m Second Floor Total floor area

Total open to below 10 sa ft. 0.93 sa m 0 sq ft, 0.00 sq m 2527 sq ft, 234.77 sq m Finished basement Total gross floor area

Coverage Areas Ground floor 1172 sq ft, 108.88 sq m Garage 397 sq ft, 36.88 sq m 51 sq ft, 4.74 sq m 0 sa ft, 0.00 sa m

Porch Other structures Coverage w/o porch 1569 sq ft, 145.76 sq m Coverage w/ porch 1620 sq ft, 150.50 sq m

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

Max. U: 0.28

#### Elevation Wall Area **Window Area Percentage** 600.6 sa ft (55.8 sa m) 74.7 sa ft (6.9 sa m) 12.43% Left side 1093.7 sq ft (101.6 sq m) 5.04% 1115.3 sq ft (103.6 sq m) 581.6 sq ft (54.0 sq m) Right side 30.8 sq ft (2.9 sq m) 2 76% Total 3391.2 sq ft (315.1 sq m) 241.4 sq ft (22.4 sq m) 7.12%

## **Area Calculations**

#### Villa 2-2

1172 sq ft, 108.88 sq m Ground Floor Second Floor 1345 sq ft, 124.95 sq m 2517 sq ft, 233.84 sq m Total floor area

10 sa ft. 0 93 sa m Total open to below Finished basement 2527 sq ft, 234.77 sa m Total gross floor area

Coverage Areas Ground floor 1172 sq ft, 108.88 sq m Garage Porch 397 sq ft, 36.88 sq m 51 sq ft, 4.74 sq m Other structures 0 sa ft, 0.00 sa m 1569 sq ft, 145.76 sq m Coverage w/o porch Coverage w/ porch 1620 sq ft, 150.50 sq m

### **SB-12 Calculations** Villa 2-2

Elevation	Wall Area	Window Area	Percentage
Front	608.5 sq ft (56.5 sq m)	73.5 sq ft (6.8 sq m)	12.08%
Left side	1093.7 sq ft (101.6 sq m)	55.1 sq ft (5.1 sq m)	5.04%
Right side	1115.3 sq ft (103.6 sq m)	30.8 sq ft (2.9 sq m)	2.76%
Rear	581.6 sq ft (54.0 sq m)	80.8 sq ft (7.5 sq m)	13.90%
Total	3399.1 sq ft (315.8 sq m)	240.3 sq ft (22.3 sq m)	7.07%

# **Area Calculations**

# Villa 2-3

1172 sa ft, 108.88 sa m Second Floor 1341 sq ft, 124.58 sq m Total floor area 2513 sq ft, 233.47 sq m

Total open to below 10 sa ft. 0.93 sa m 0 sq ft, 0.00 sq m Finished basement 2523 sq ft, 234.39 sa m Total gross floor area

Coverage Areas Ground floor

1172 sq ft, 108.88 sq m 397 sq ft, 36.88 sq m 68 sq ft, 6.32 sq m Garage Porch Other structures 0 sa ft, 0.00 sa m 1569 sq ft, 145.76 sq m Coverage w/o porch Coverage w/ porch 1637 sq ft, 152.08 sq m

**SB-12 Calculations** Villa 2-3

Wall Area	Window Area	Percer
600.6 sq ft (55.8 sq m)	82.6 sq ft (7.7 sq m)	13.75%
1093.7 sq ft (101.6 sq m)	55.1 sq ft (5.1 sq m)	5.04%
1115.3 sq ft (103.6 sq m)	40.1 sq ft (3.7 sq m)	3.59%
581.6 sq ft (54.0 sq m)	80.8 sq ft (7.5 sq m)	13.90%
3391.2 sq ft (315.1 sq m)	258.6 sq ft (24.0 sq m)	7.63%
	600.6 sq ff (55.8 sq m) 1093.7 sq ff (101.6 sq m) 1115.3 sq ff (103.6 sq m) 581.6 sq ff (54.0 sq m)	600.6 sq ff (55.8 sq m) 82.6 sq ff (7.7 sq m) 1093.7 sq ff (101.6 sq m) 55.1 sq ff (5.1 sq m) 1115.3 sq ff (103.6 sq m) 40.1 sq ff (3.7 sq m) 581.6 sq ff (54.0 sq m) 80.8 sq ff (7.5 sq m)

Compliance Package A1

**Percentage** 

#### he undersigned has reviewed and takes responsibility for this design, as well as having the qualifications and requirements mandated by th Revisions Ontario Building Code (O.B.C.) to be a Designer. Description By JM

JM

2023-04-28

2023-06-21

2023-07-06

### **Qualification Information**

amie Mack	35923	· Wad
lame	BCIN	Signature
eaistration Information	Mackitecture	103532



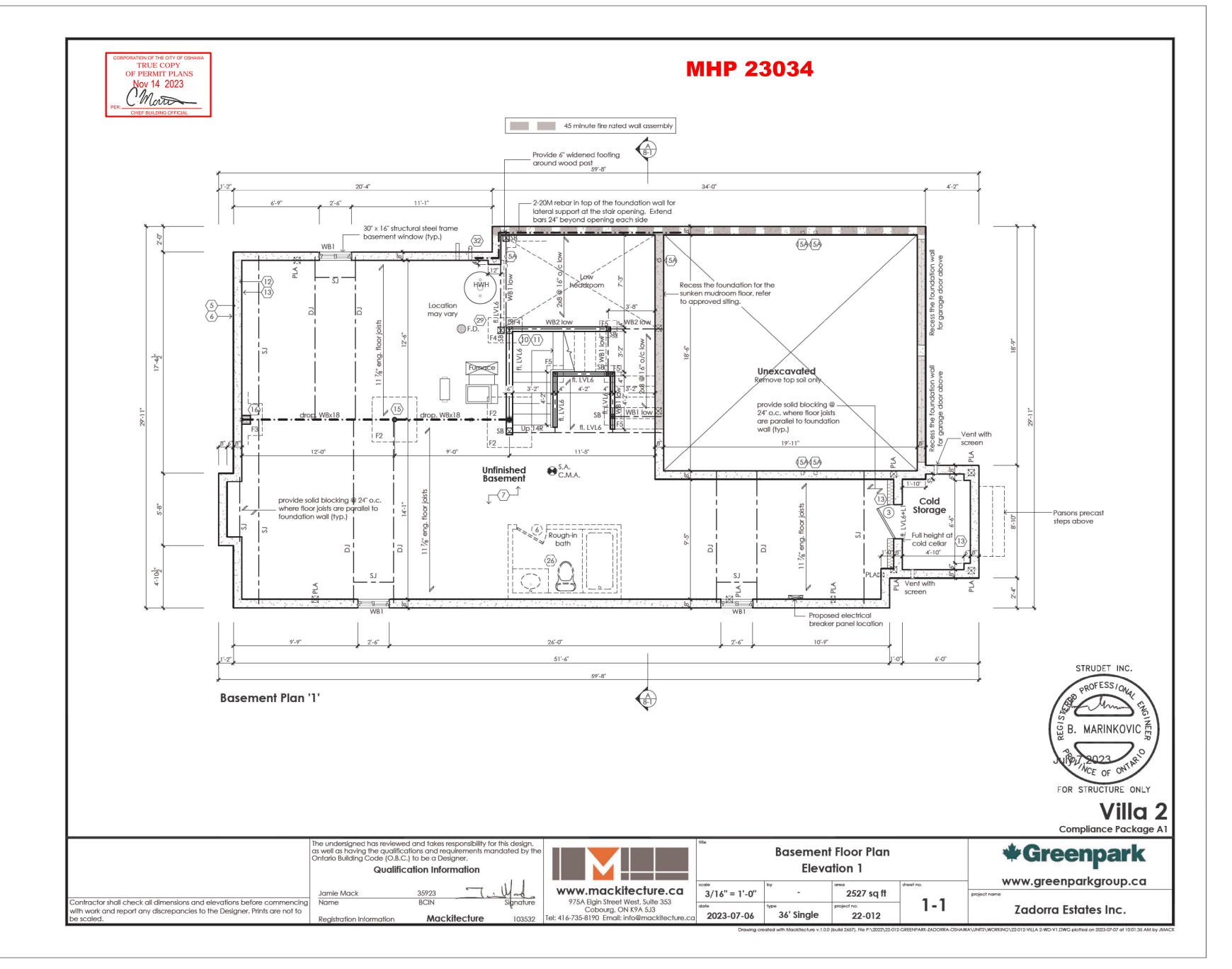
Tel: 416-735-8190 Email: info@mackitecture.ca

# **General Notes and Charts Elevation 1**

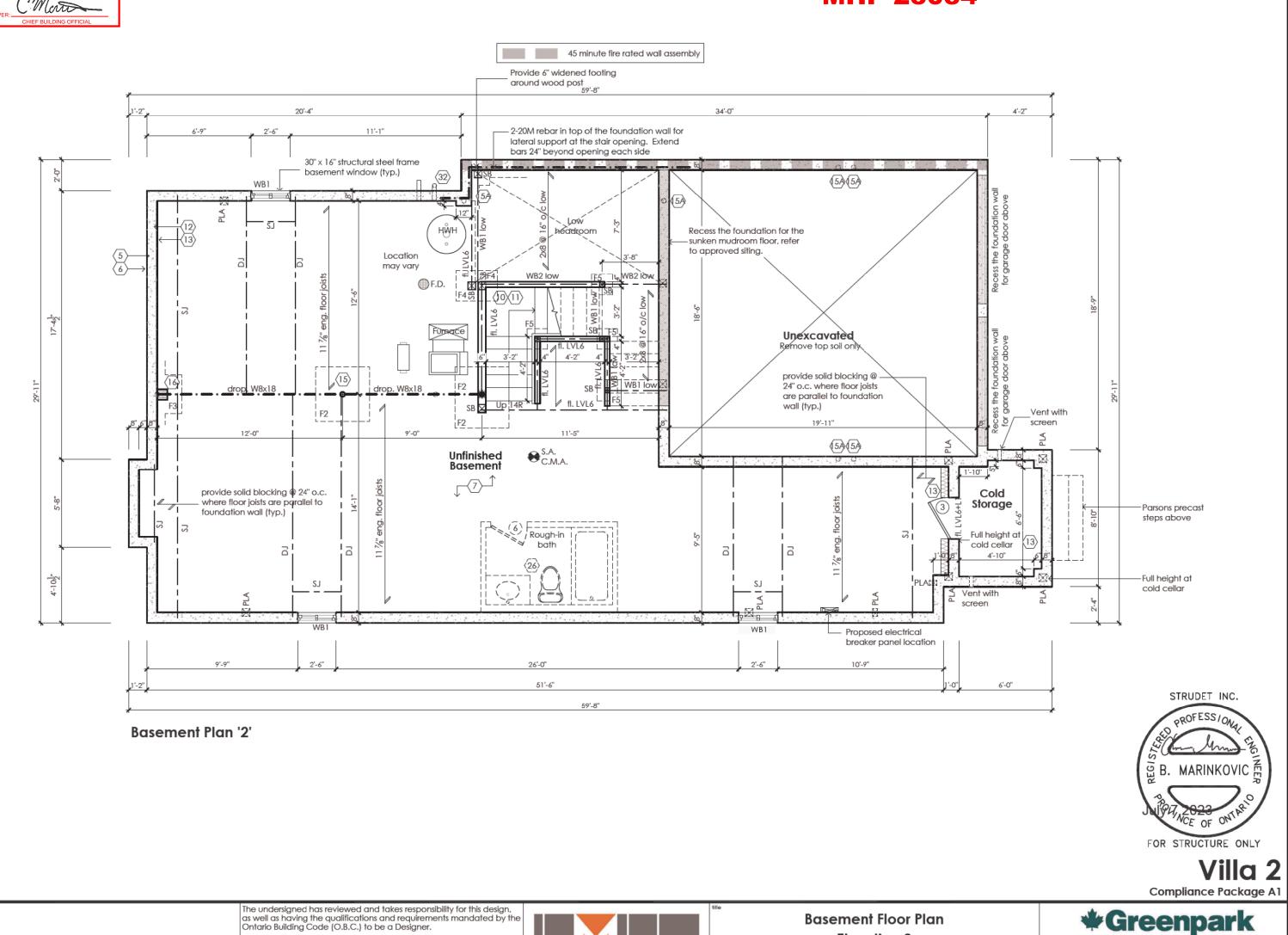
#### 2527 sq ft 0 36' Sinale 2023-07-06 22-012

Greenpark

www.greenparkgroup.ca







**Basement Floor Plan** 

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

**Qualification Information** 

35923

BCIN

Mackitecture

Jamie Mack

Registration Information

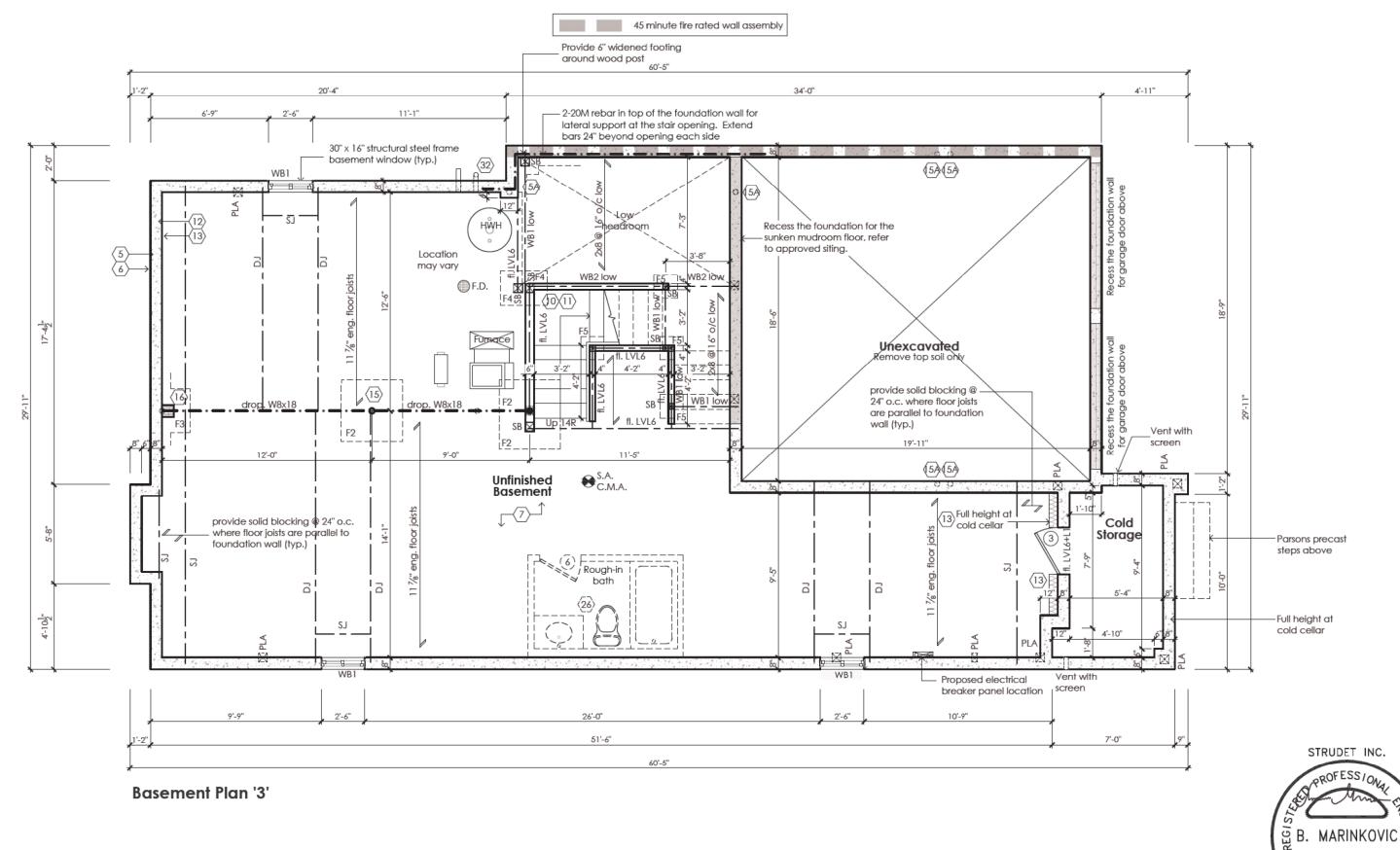
2527 sq ft 3/16" = 1'-0" 1-2 2023-07-06 36' Single 22-012

Elevation 2

Greenpark

www.greenparkgroup.ca





FOR STRUCTURE ONLY

Villa 2

Compliance Package A1

NCE OF ON

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

Qualification Information

Jamie Mack 35923

Name BCIN Signature With work and report any discrepancies to the Designer. Prints are not to be scaled.

Registration Information Mackitecture 103532

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	www.mackitecture.ca	S
9	975A Elgin Street West, Suite 353 Cobourg, ON K9A 5J3	c
2	Tel: 416-735-8190 Email: info@mackitecture.ca	

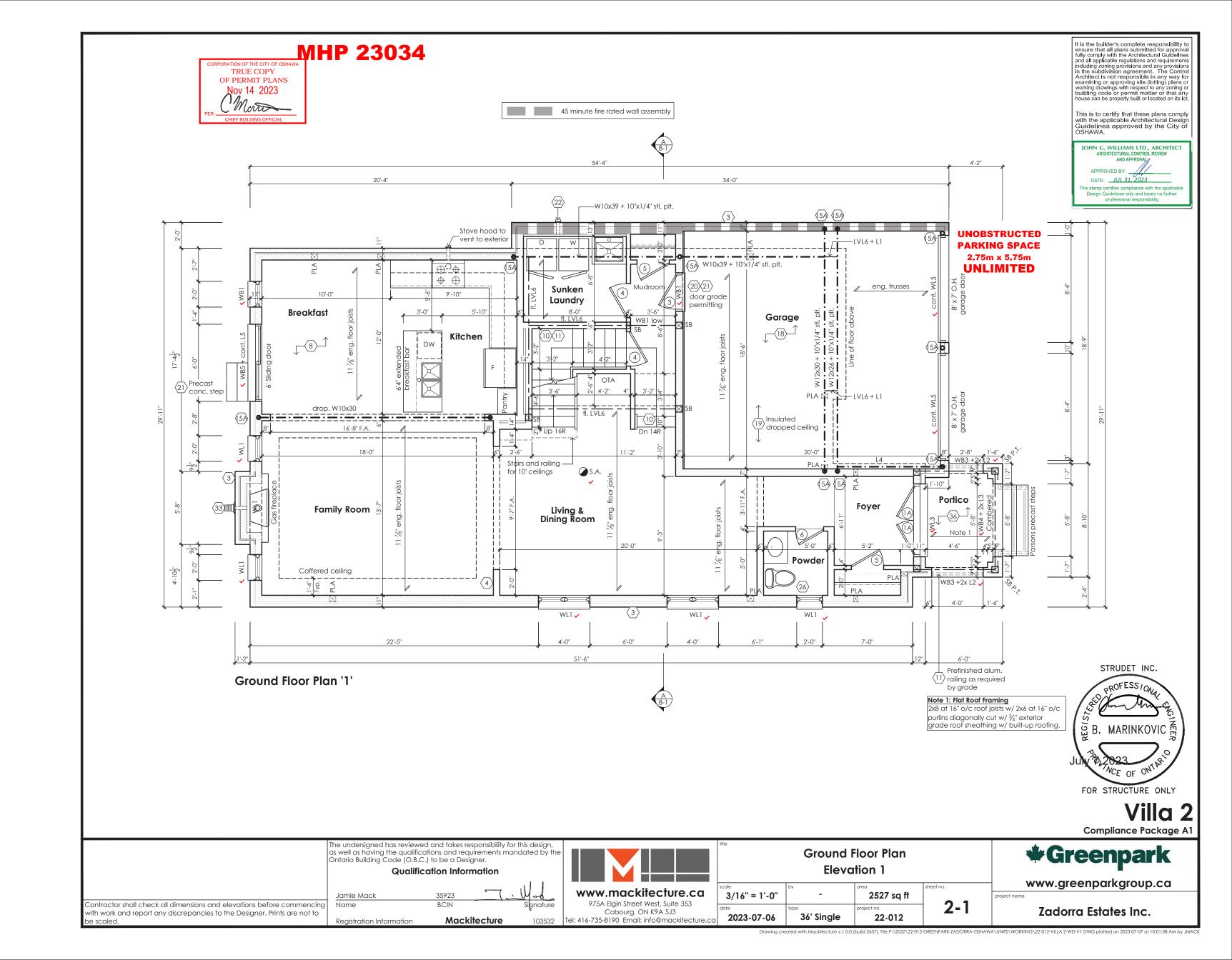
Elevation 3

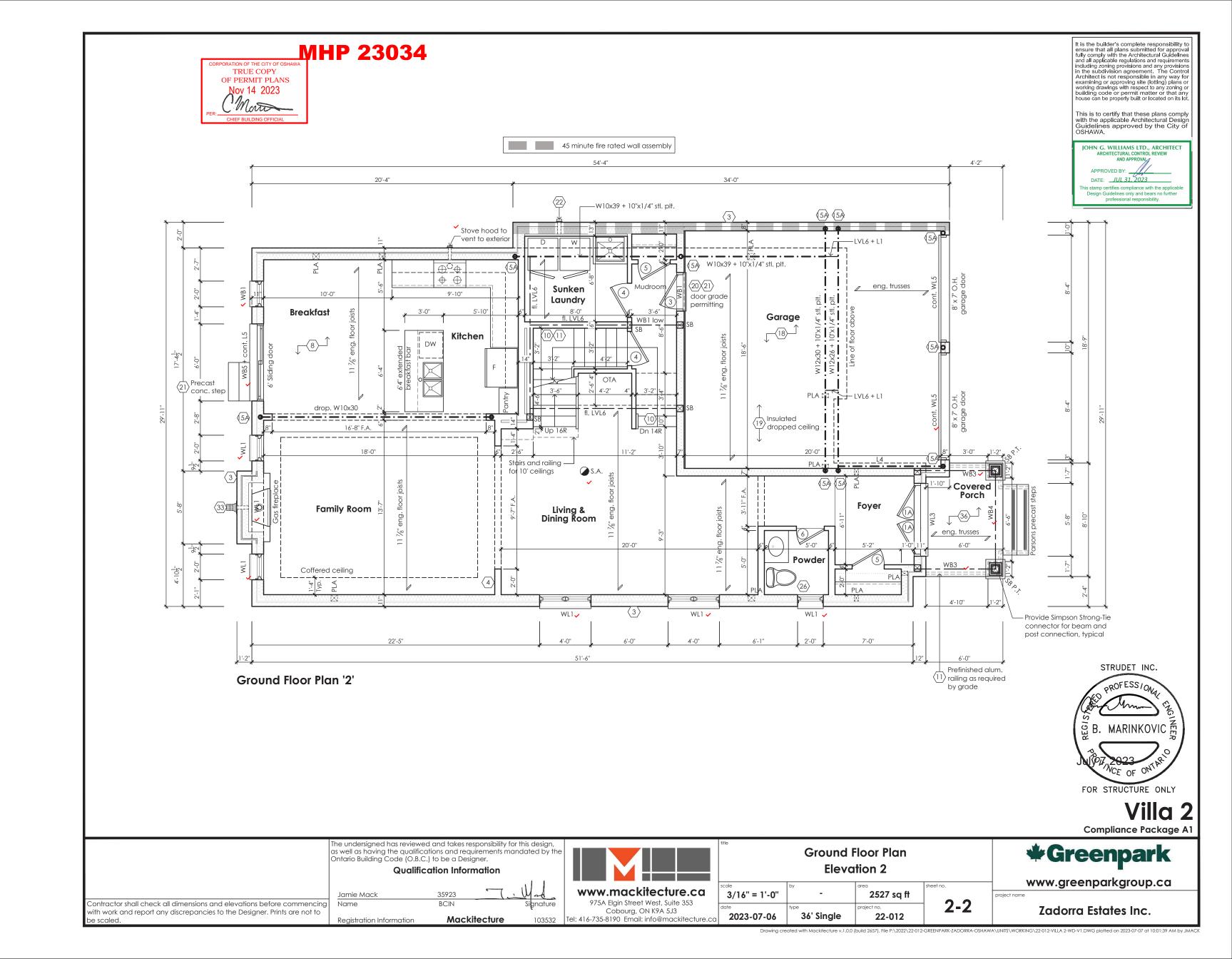
| State | Color |

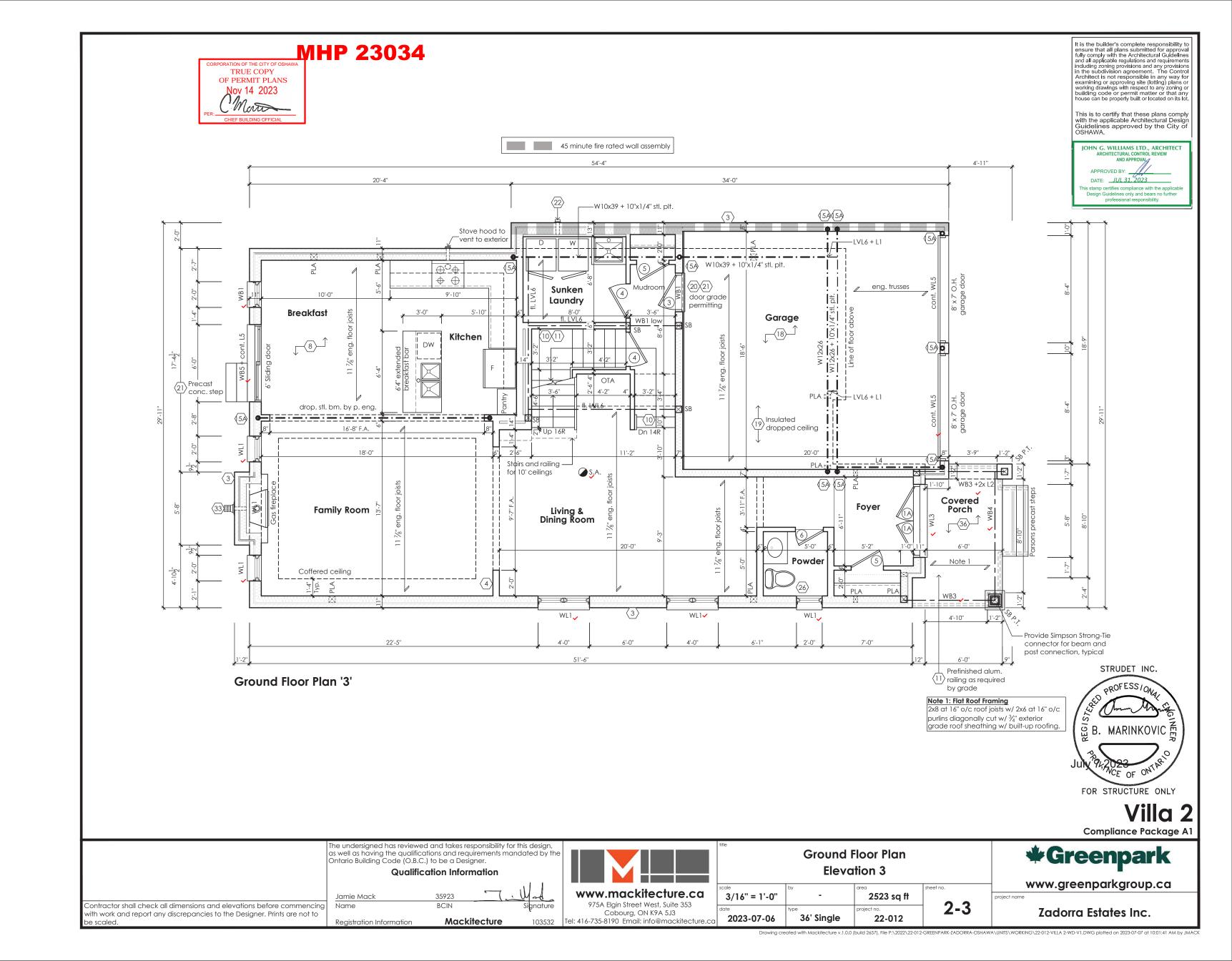
**Basement Floor Plan** 

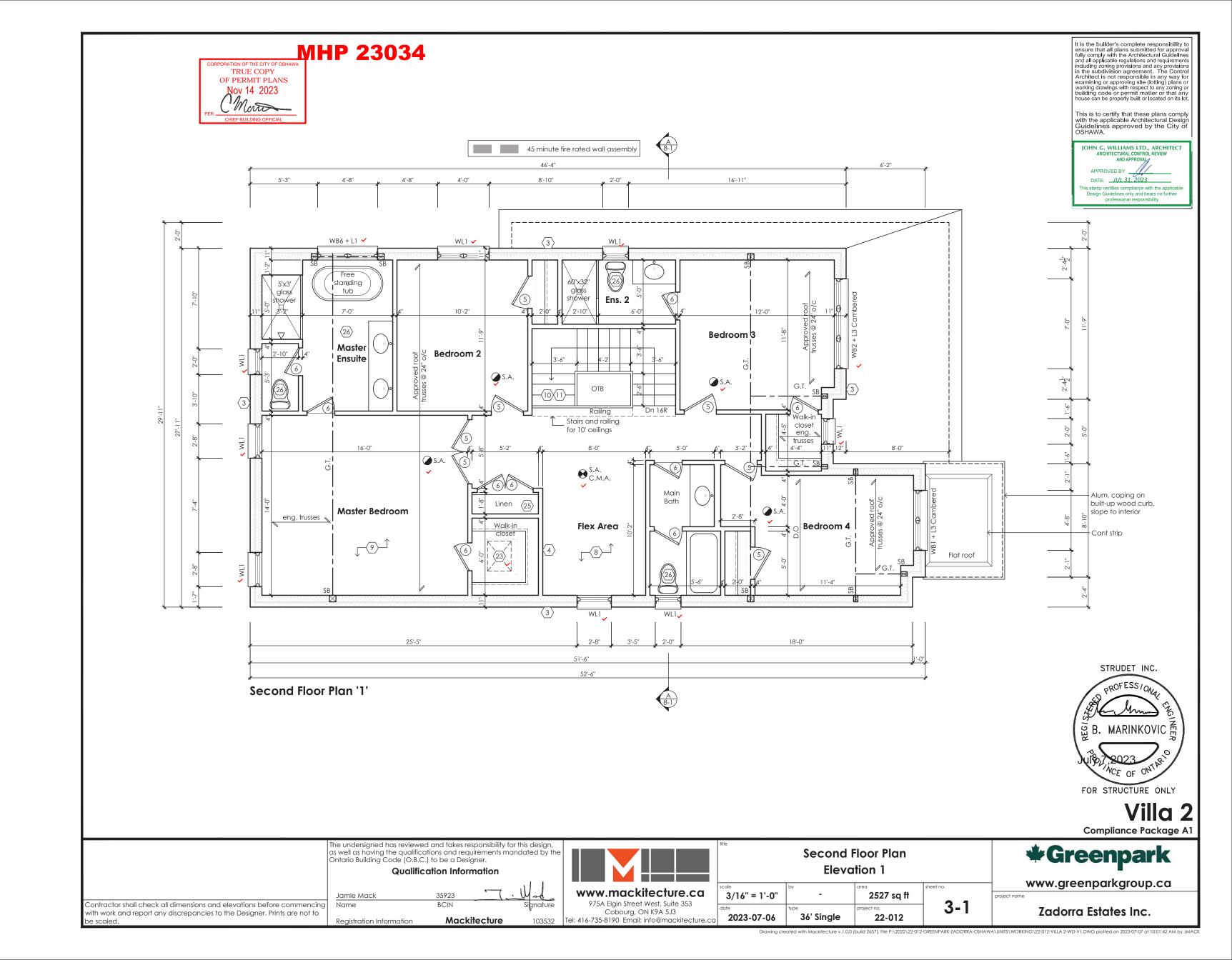
**\***Greenpark

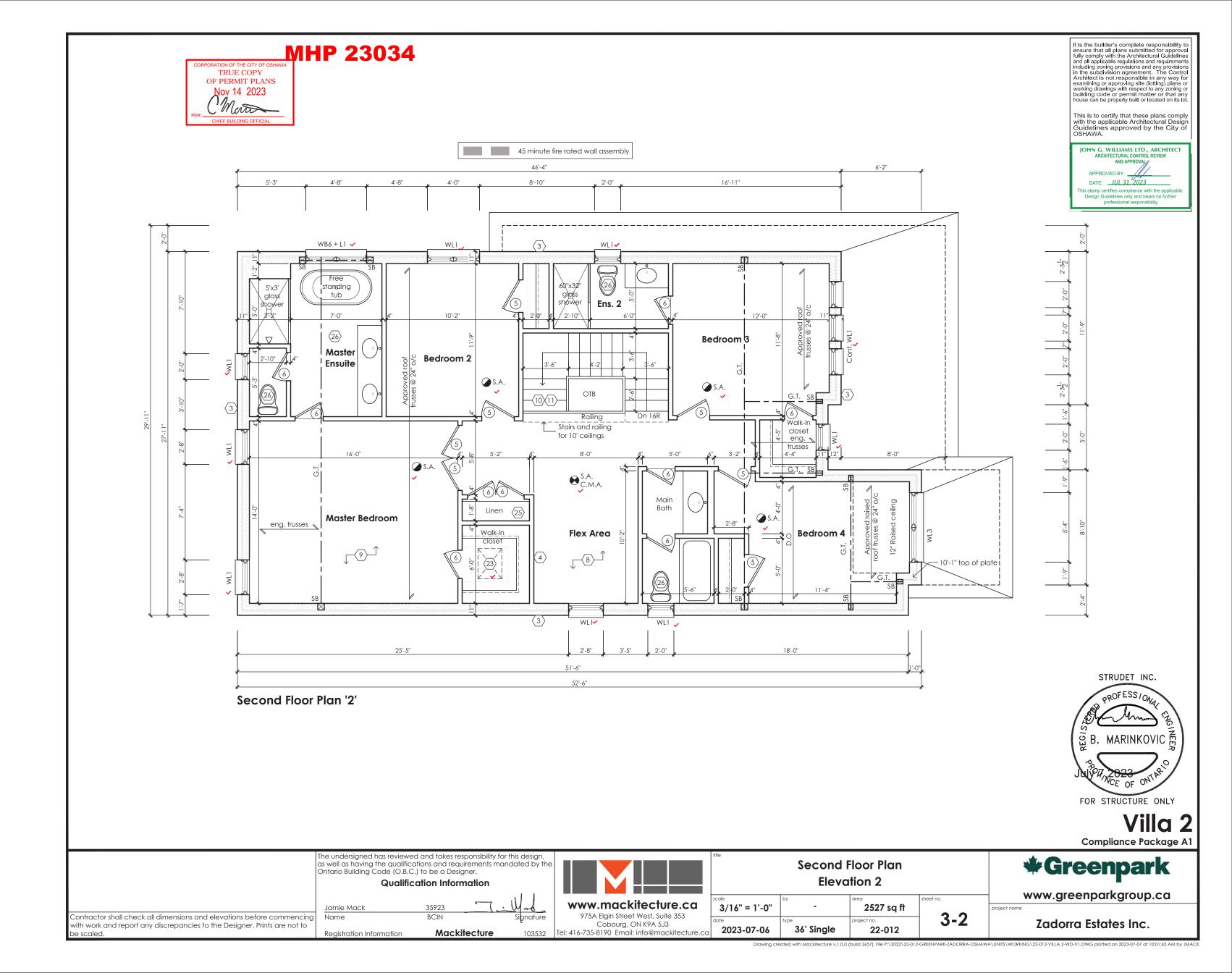
www.greenparkgroup.ca

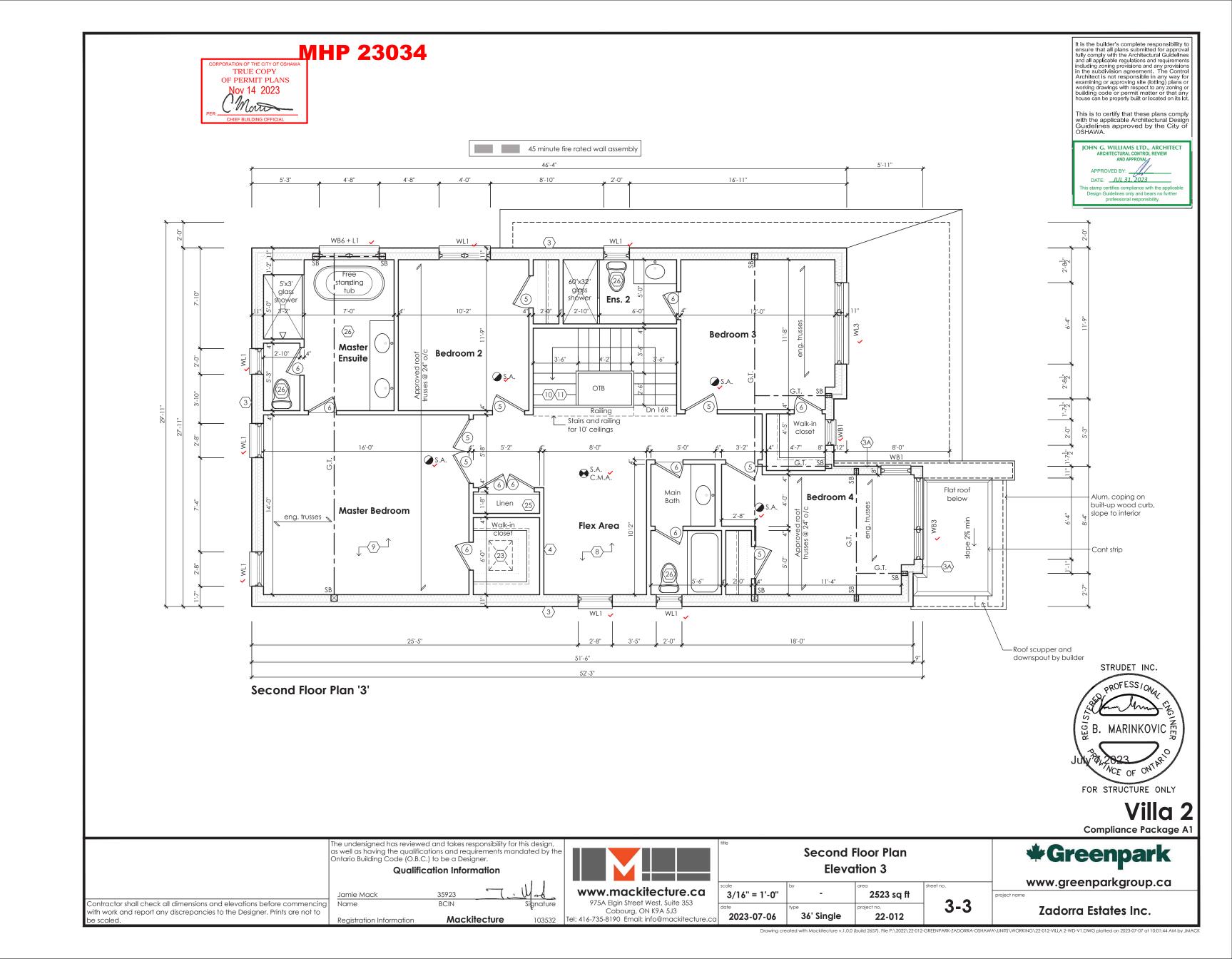


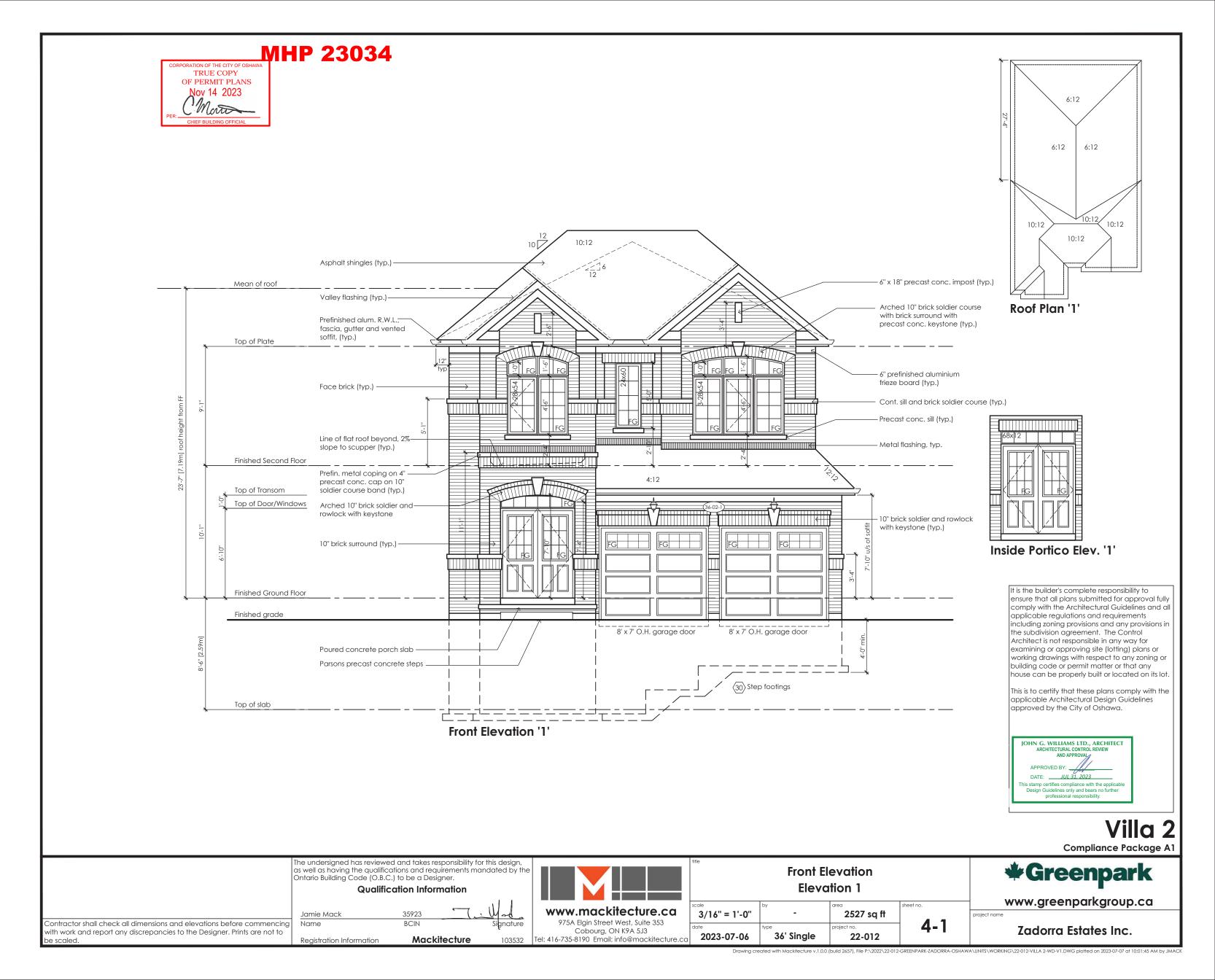




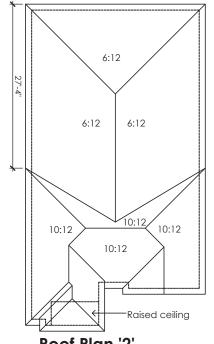




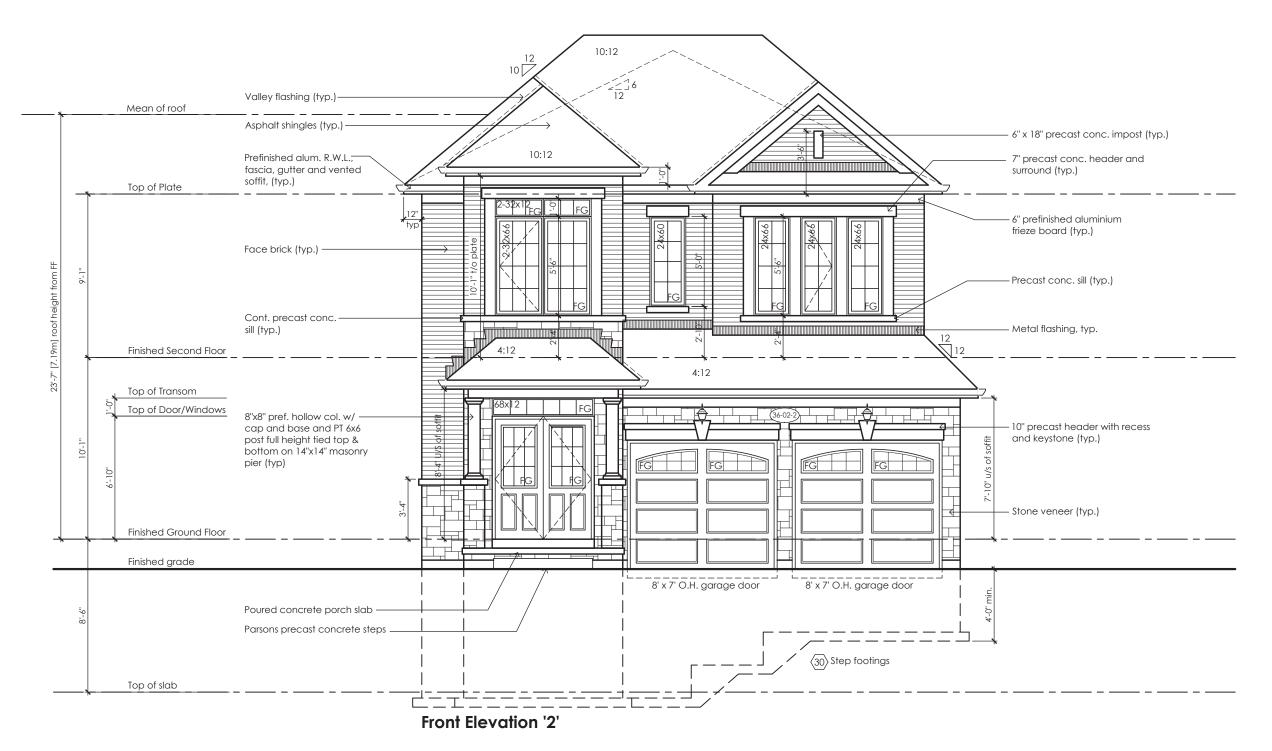








Roof Plan '2'



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

> Villa 2 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

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

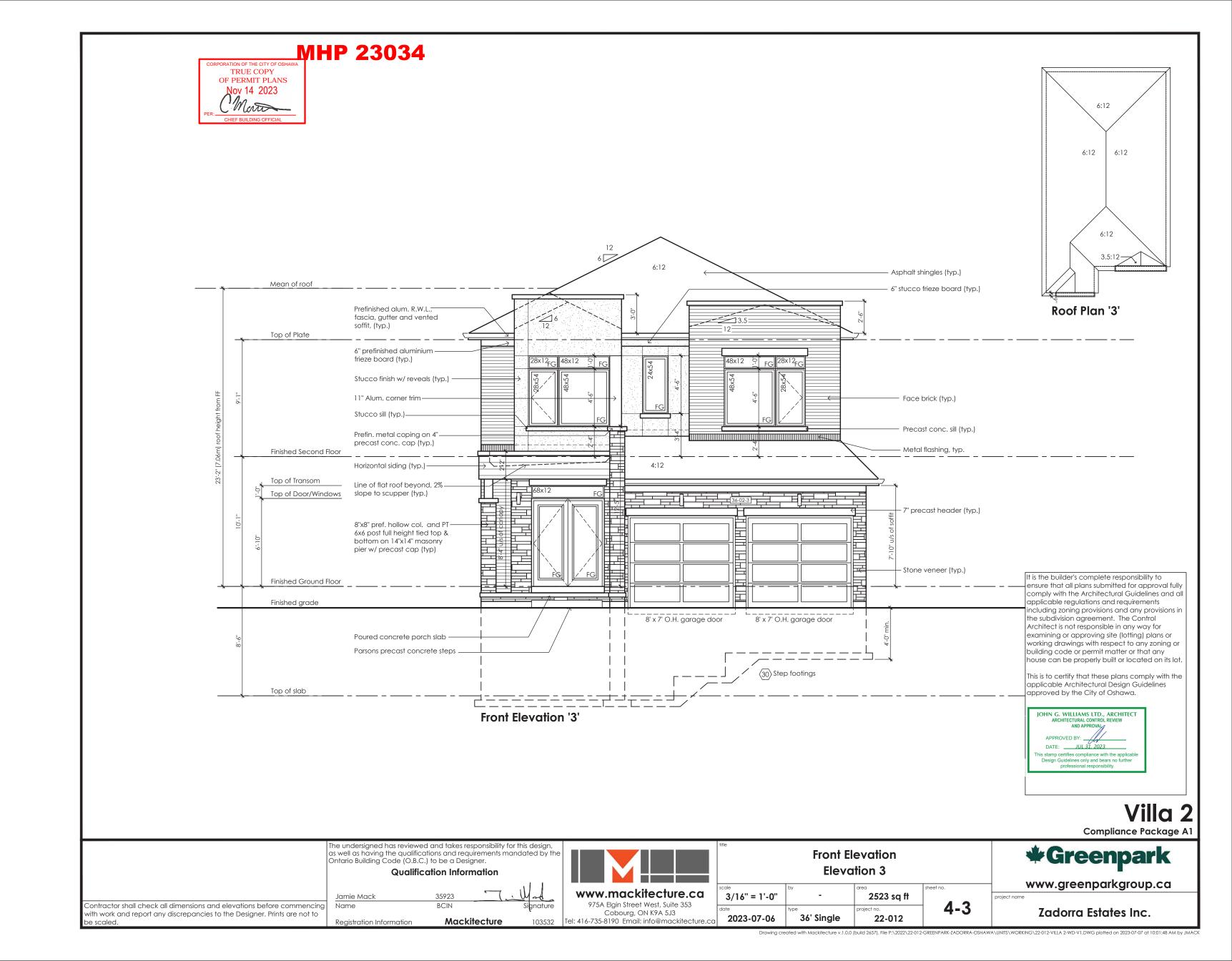


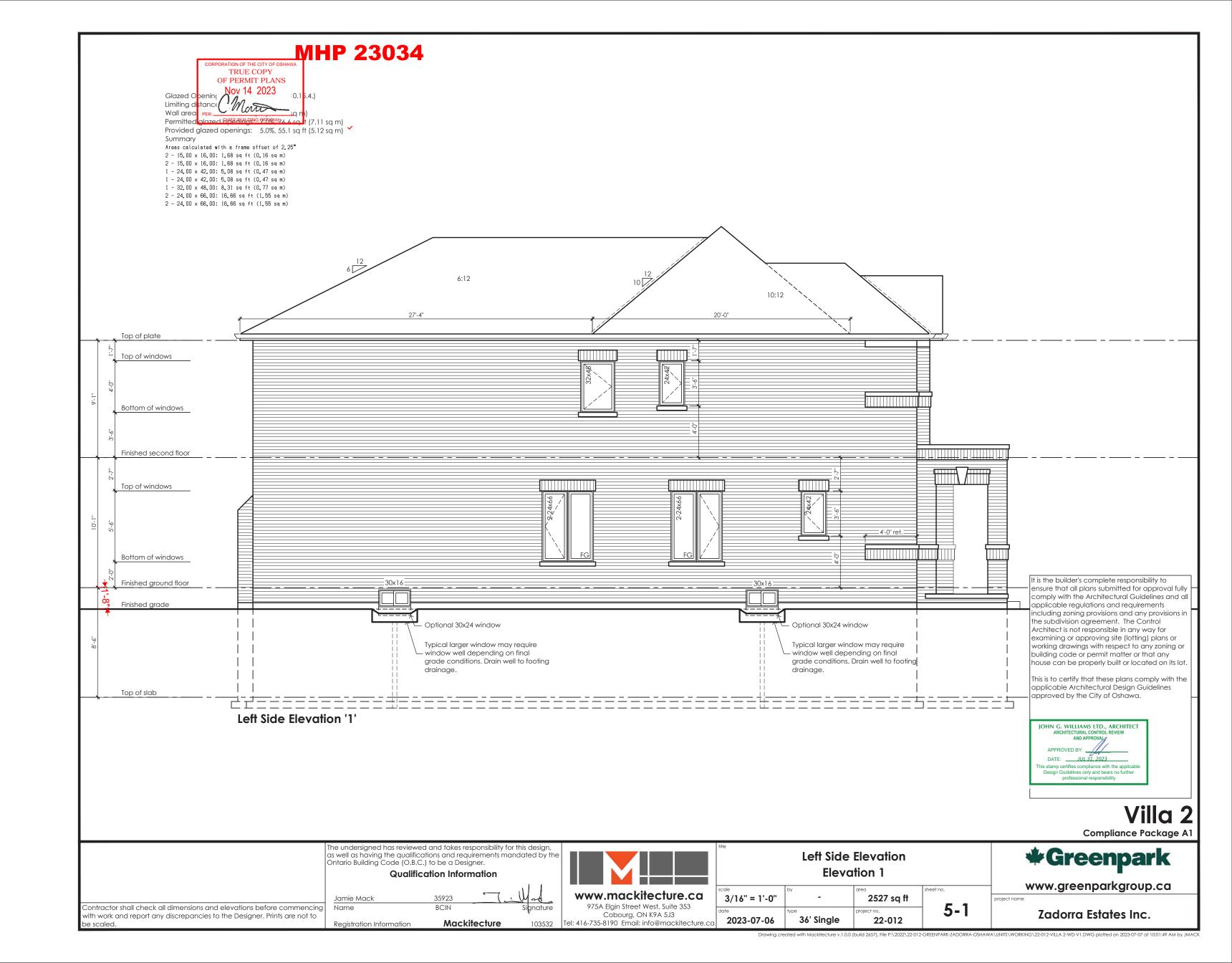
# **Front Elevation Elevation 2**

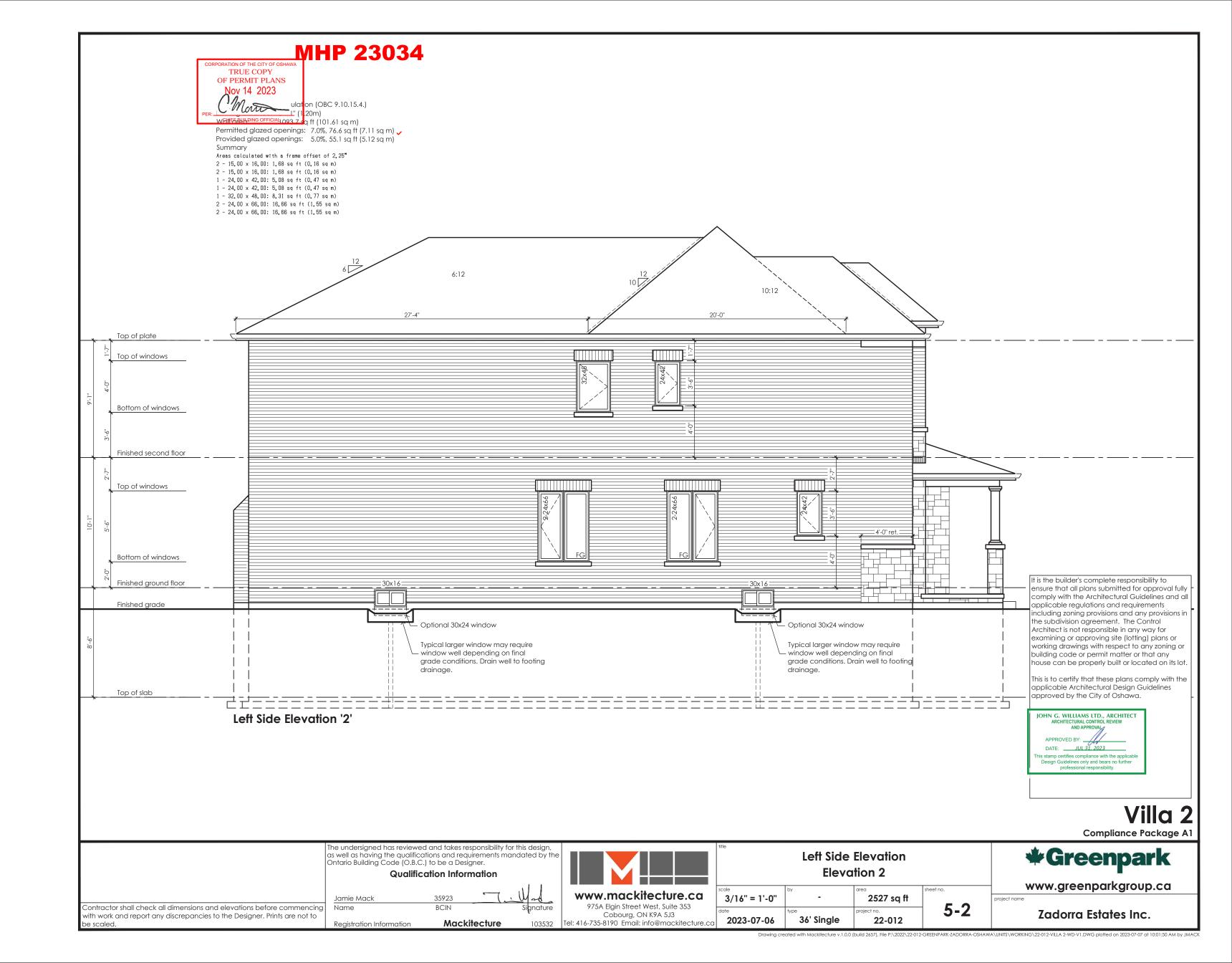
3/16" = 1'-0" 2527 sq ft 4-2 36' Single 2023-07-06 22-012

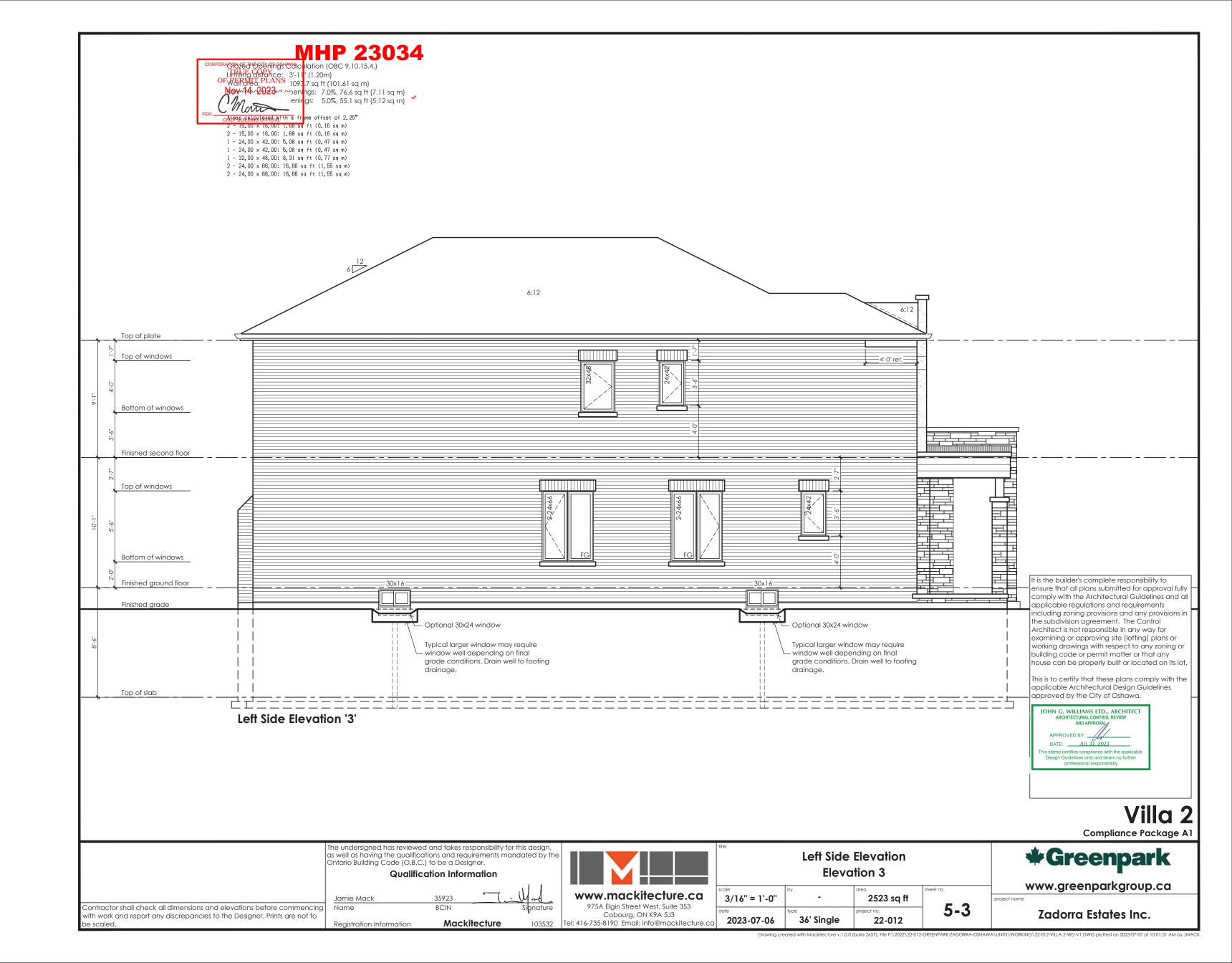


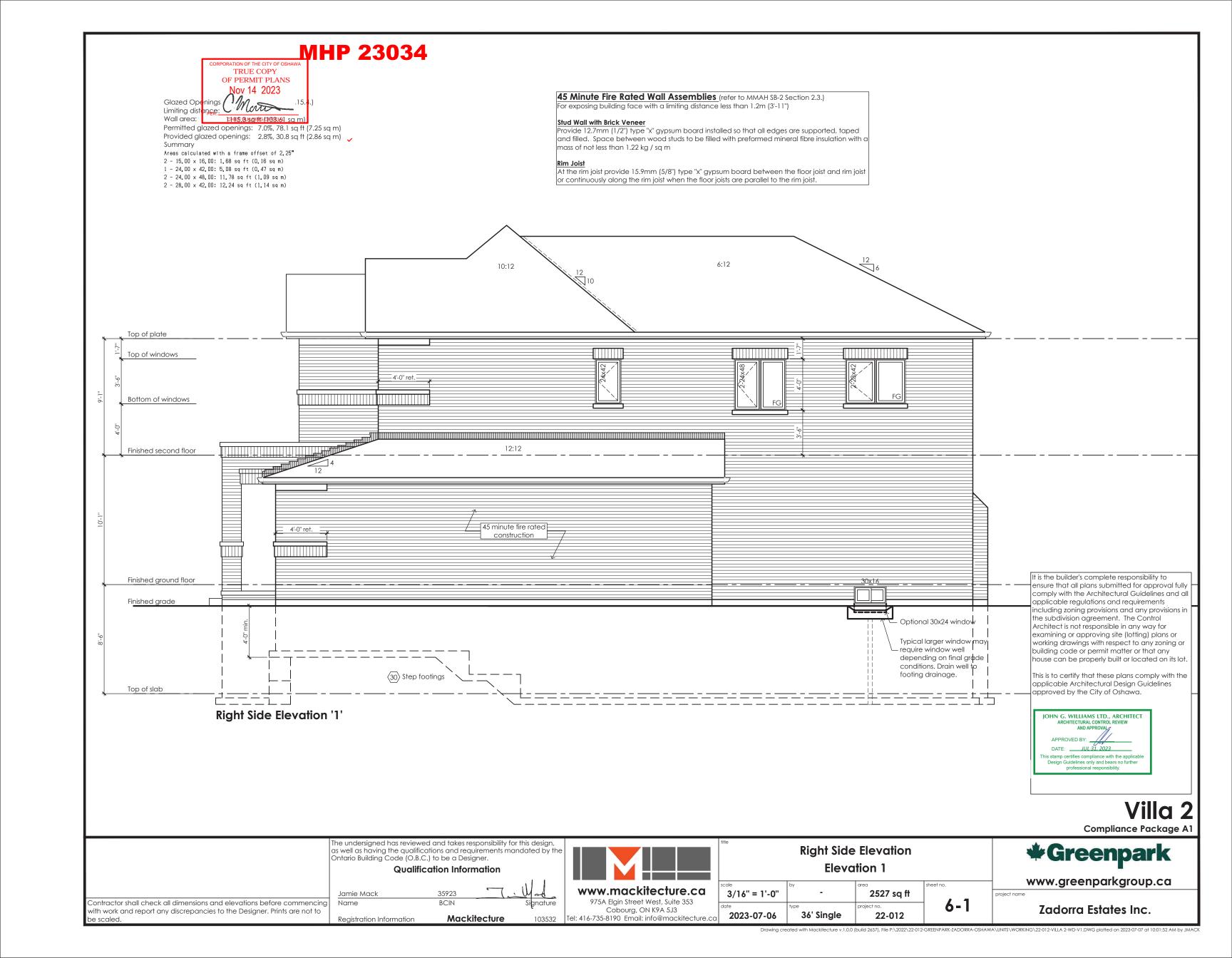
www.greenparkgroup.ca

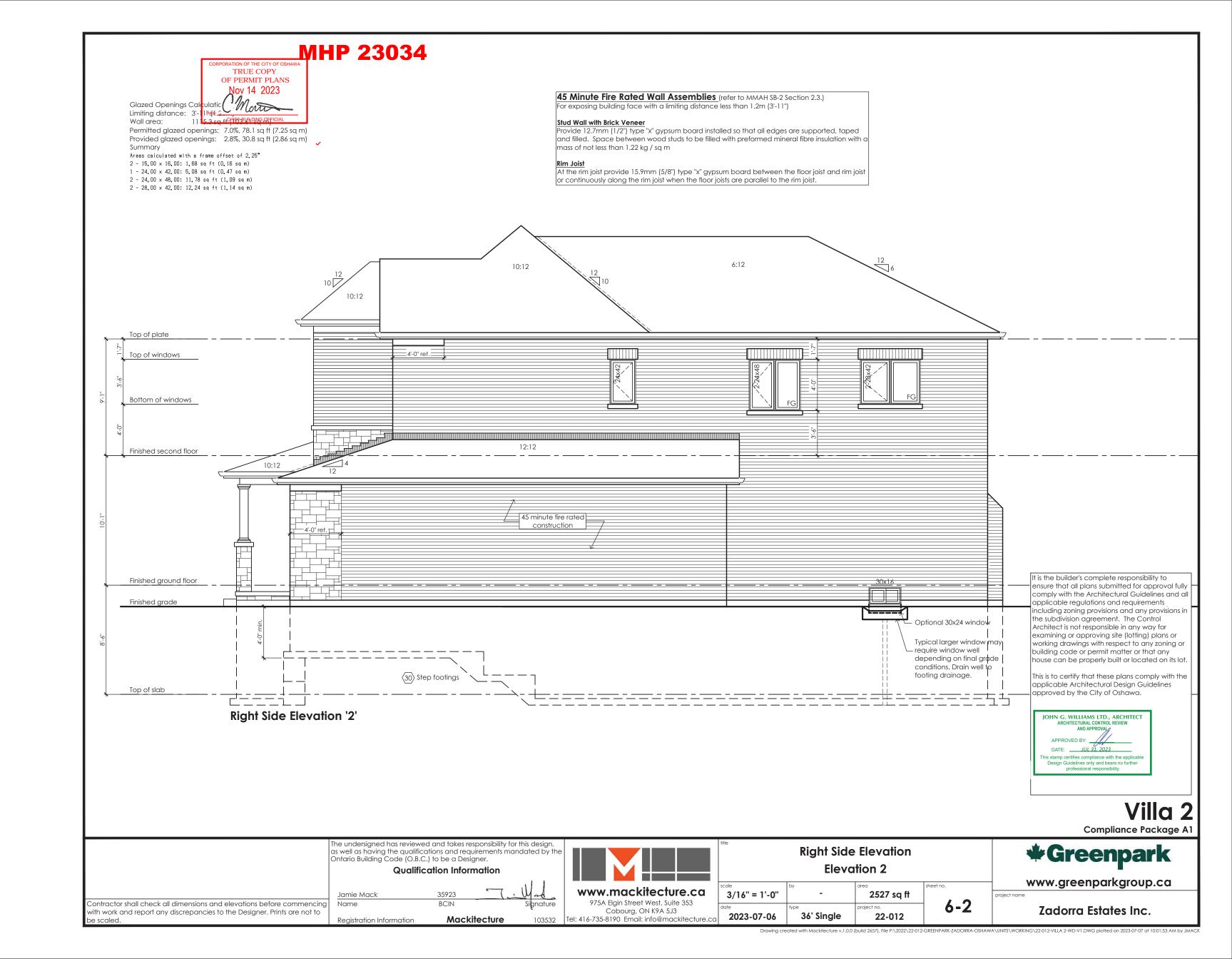


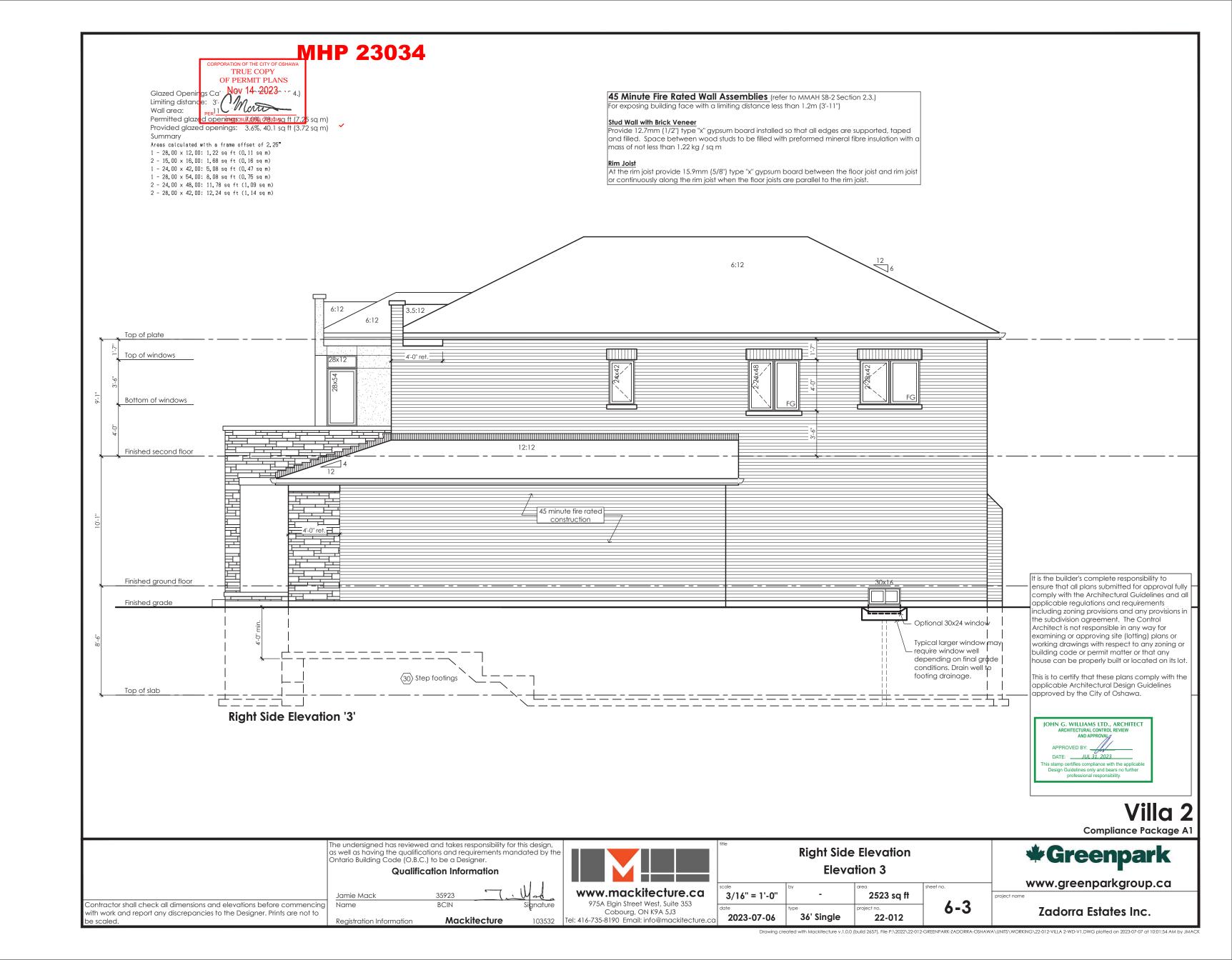




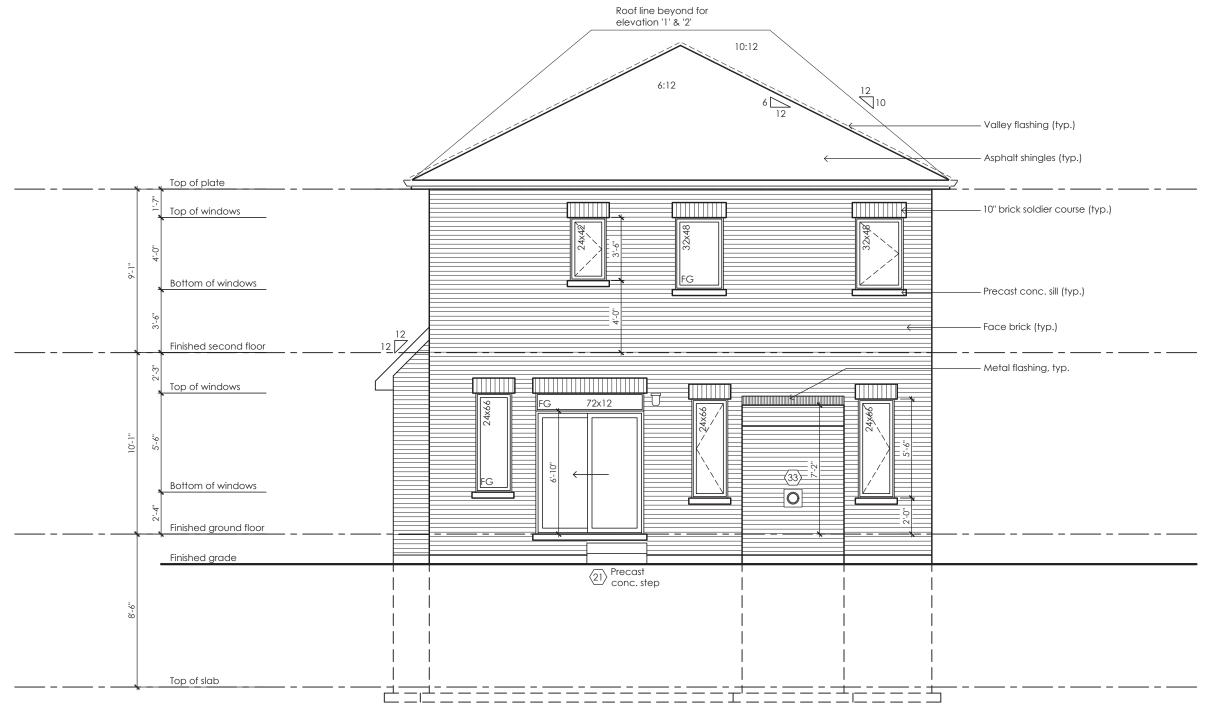








# **MHP 23034** TRUE COPY OF PERMIT PLANS Nov 14 2023



Rear Elevation '1', '2' & '3'

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.

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Villa 2 Compliance Package A1

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#### **Qualification Information**

BCIN Mackitecture

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fitle	Rear Elevation Elevation 1, 2, 3			
3/16" = 1'-0"	by <b>-</b>	area -	sheet no.	
date	type	project no.	7-1	

22-012

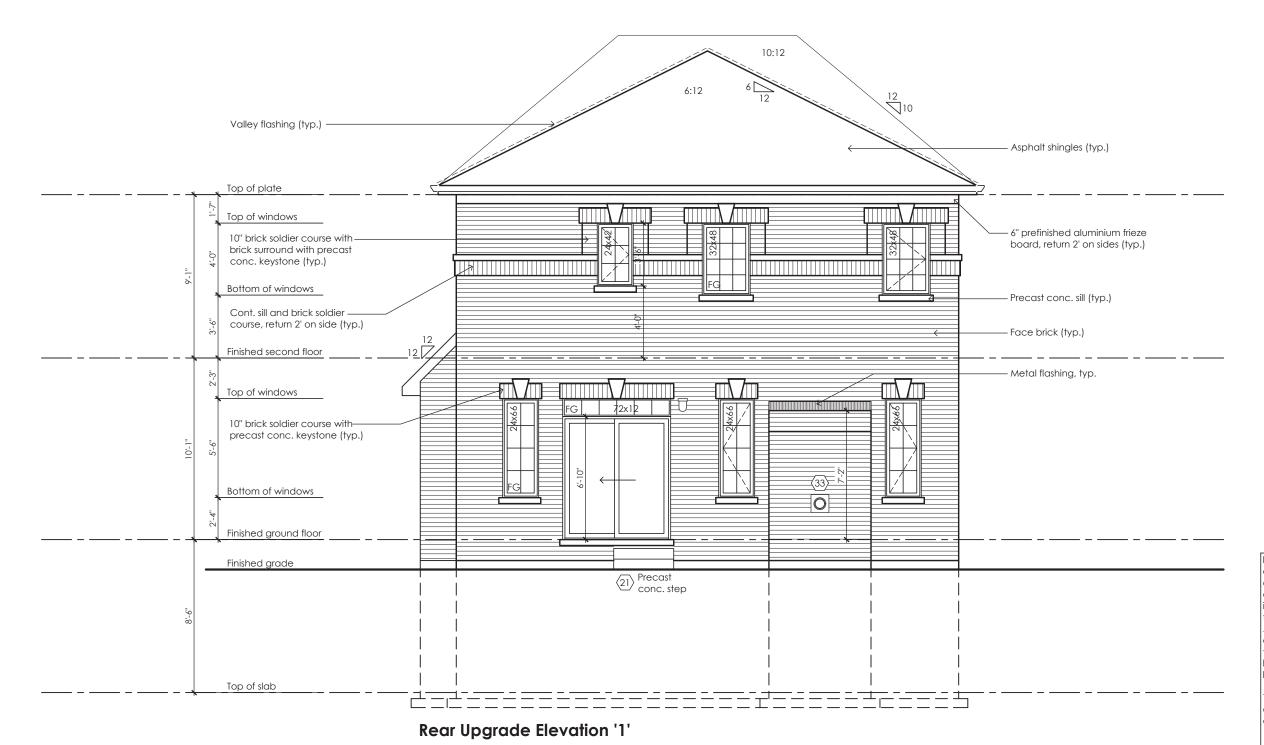
36' Single

2023-07-06

# **<b>Greenpark**

www.greenparkgroup.ca

# **MHP 23034** TRUE COPY OF PERMIT PLANS Nov 14 2023



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AND APPROVAL DATE: JUL 31, 2023 is stamp certifies compliance with the applicable Design Guidelines only and bears no further

Villa 2

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

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

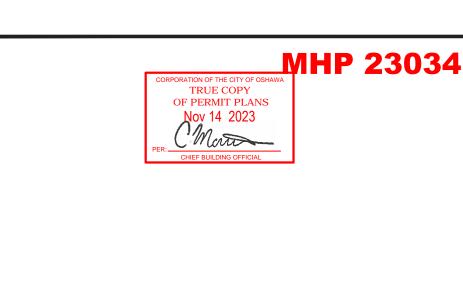


# **Rear Upgrade Elevation Elevation 1**

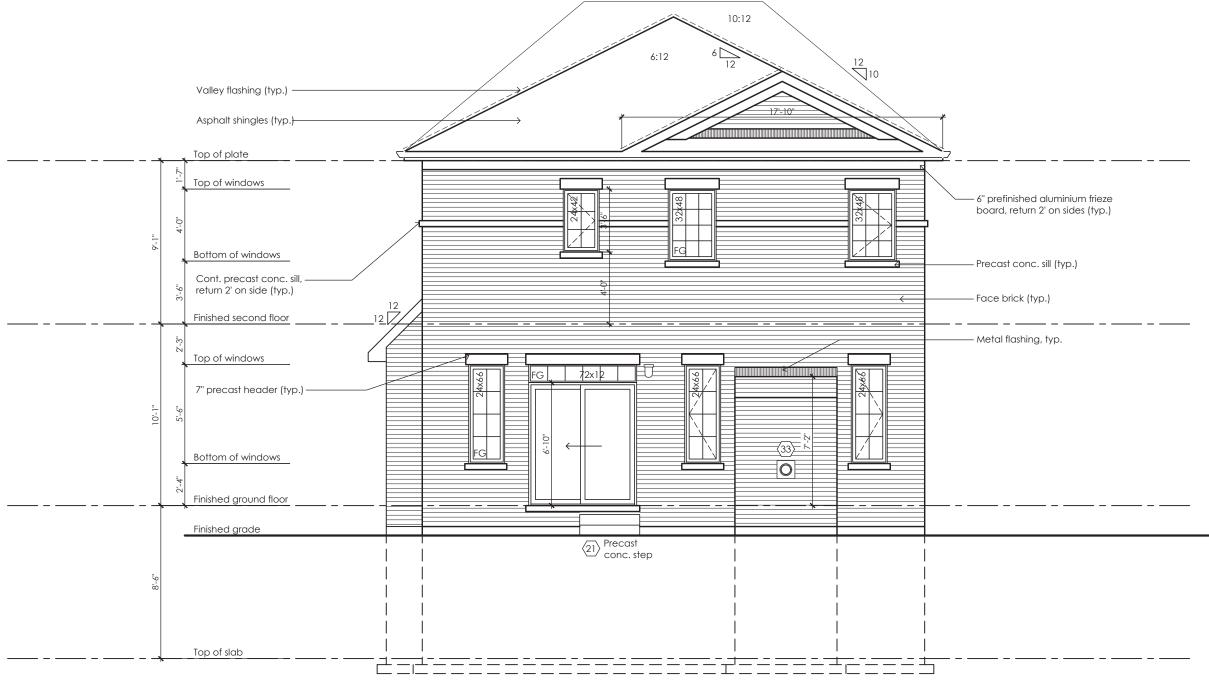
3/16" = 1'-0" 7-1A 36' Single 22-012 2023-07-06



www.greenparkgroup.ca



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 '2'

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

DATE: JUL 31. 2023
This stamp certifies compliance with the applicable
Design Guidelines only and bears no further
professional responsibility.

Villa 2
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

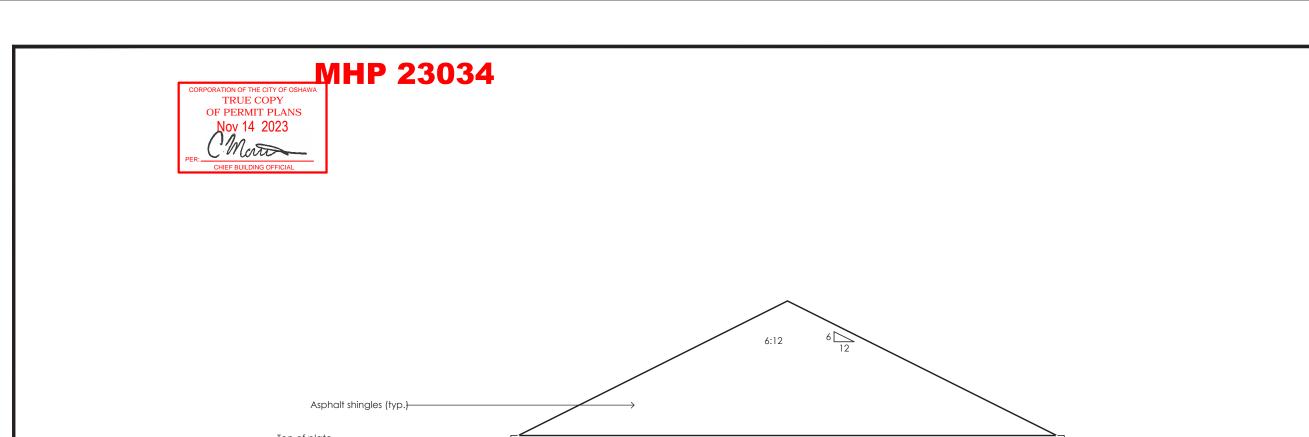
103532

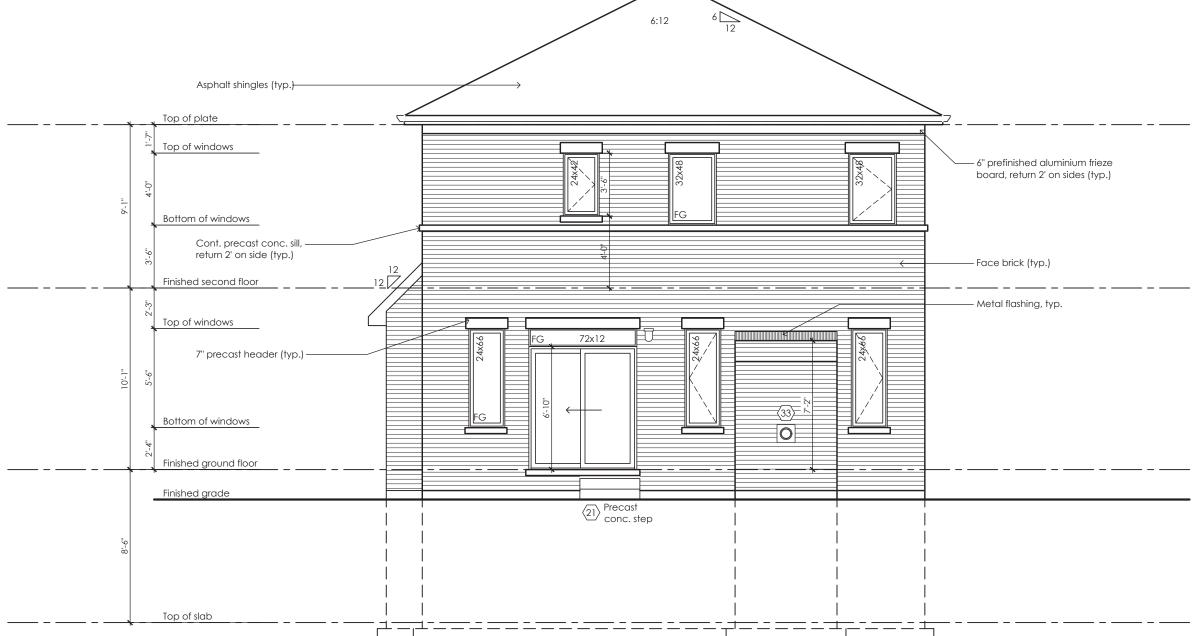


# Rear Upgrade Elevation Elevation 2

# **<b>Greenpark**

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Rear Upgrade Elevation '3'

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

APPROVED BY:

DATE: JUL 31, 2023

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Design Guidelines only and bears no further
professional responsibility.

Villa 2
Compliance Package A1

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#### **Qualification Information**

Jamie Mack
Name

BCIN

Registration Information

Mackitecture

10353:

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

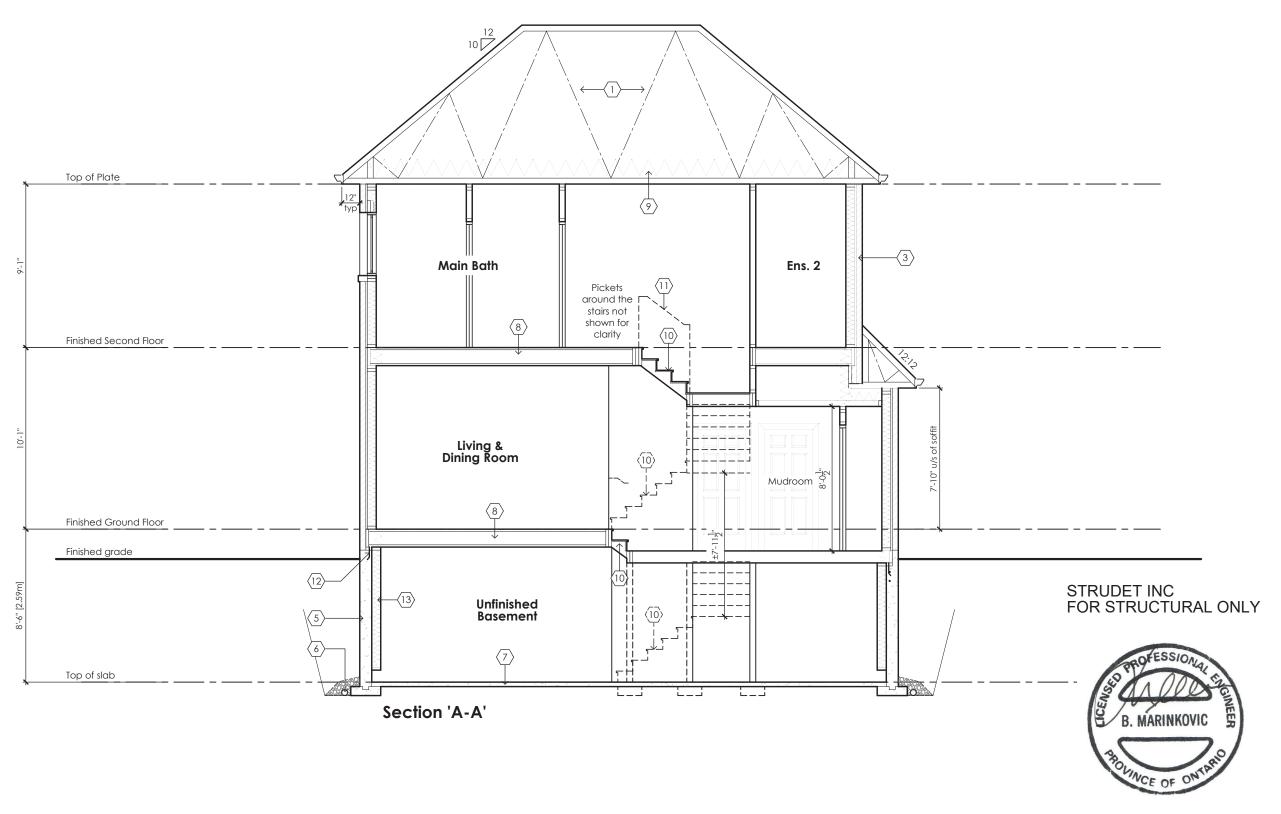


Rear Upgrade Elevation	
Elevation 3	



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# **MHP 23034** RPORATION OF THE CITY OF OSHAN TRUE COPY OF PERMIT PLANS Nov 14 2023



July 7,2023

Villa 2

Compliance Package A1

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#### **Qualification Information**

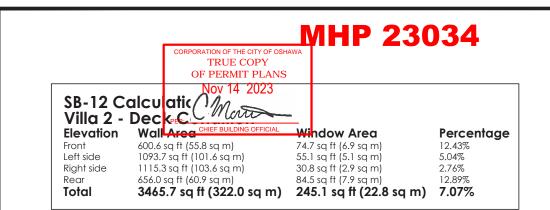
Name BCIN Mackitecture



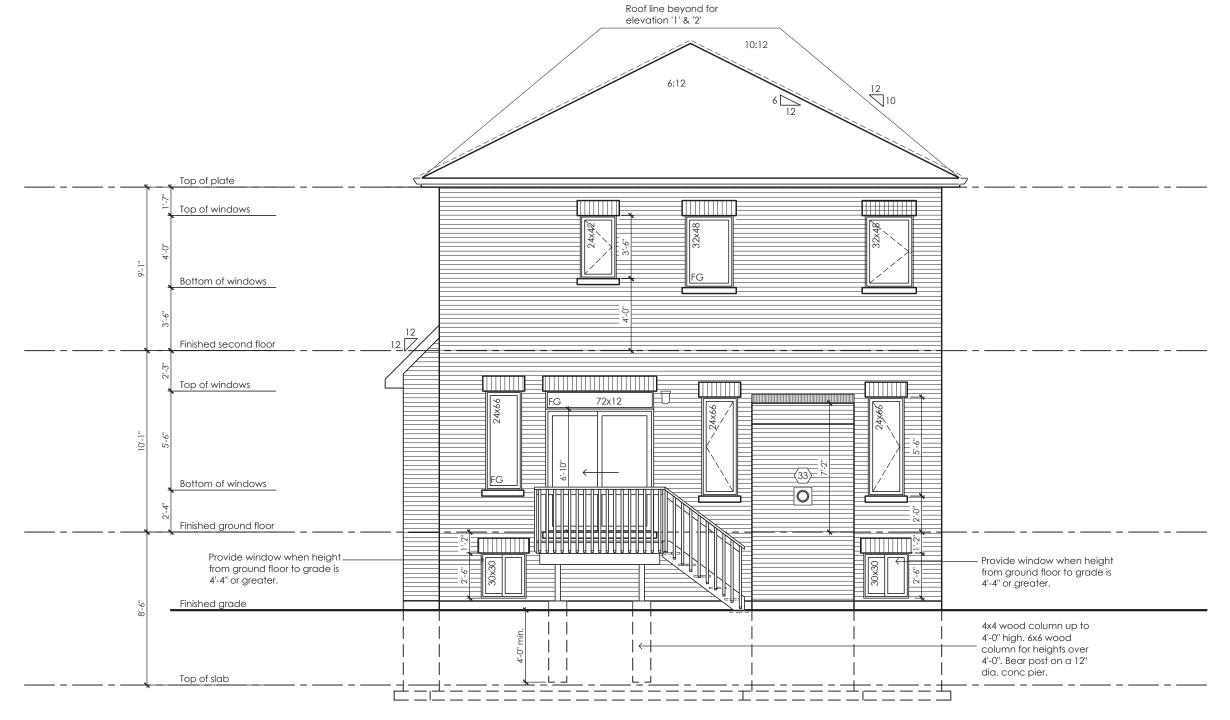
Building Section Elevations 1, 2 and 3					
3/16" = 1'-0"	by <b>-</b>	area -	sheet no.		
date <b>2023-07-06</b>	36' Single	project no. <b>22-012</b>	8-1		

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

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



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

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.

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

> Villa 2 Compliance Package A1

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### **Qualification Information**

BCIN Mackitecture



# **Deck Elevation** Elevations 1, 2 and 3

3/16" = 1'-0" 9-1 36' Single 2023-07-06 22-012



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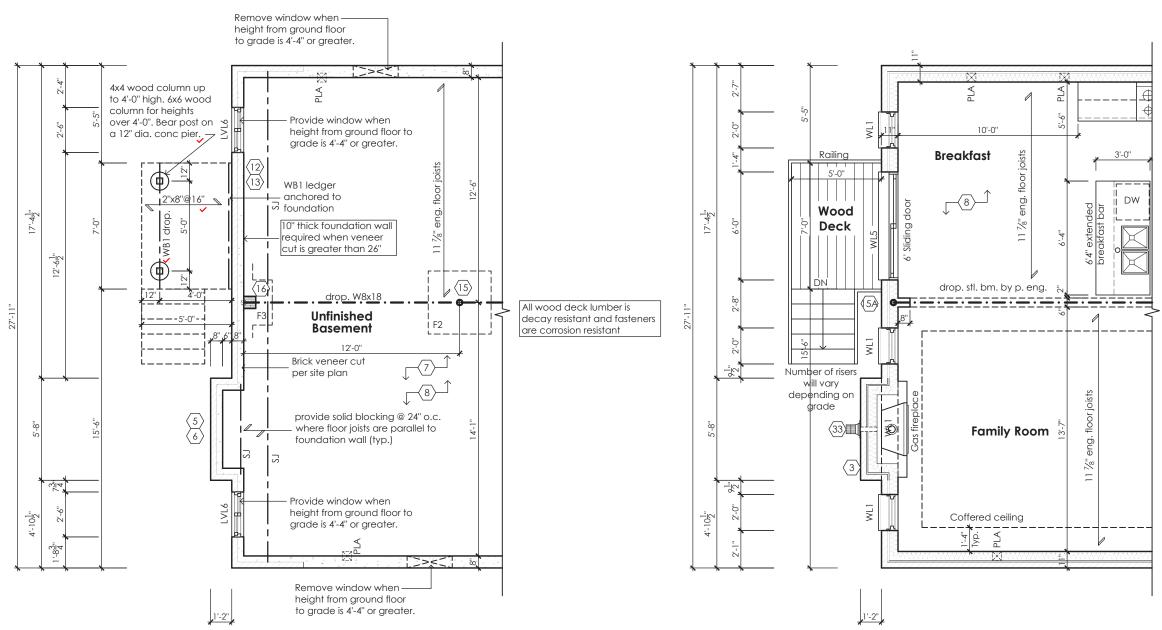
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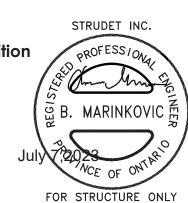
DATE: JUL 31, 2023

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



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

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



Villa 2
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

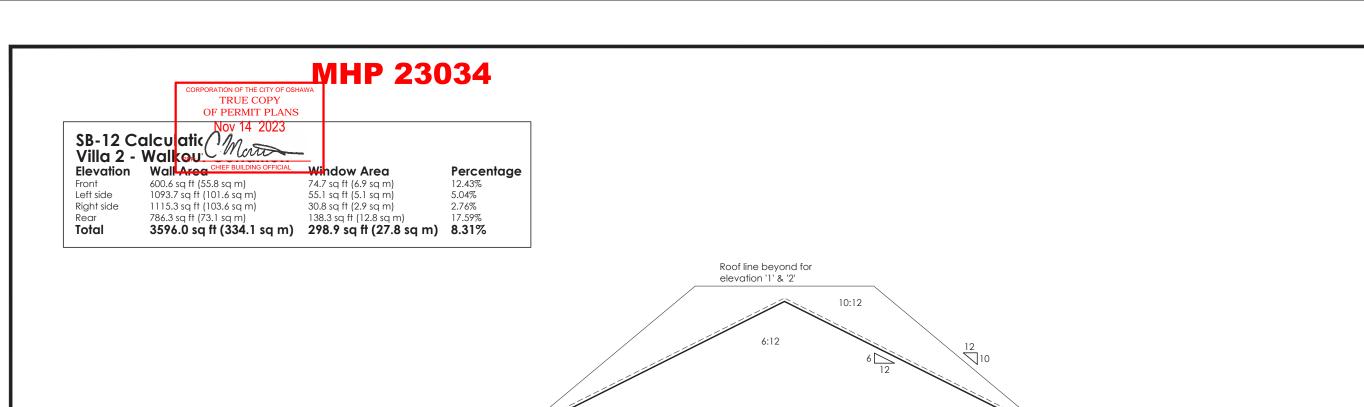
Mackitecture

103532



**<b>Greenpark** 

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Rear Elevation '1', '2' & '3'
Walkout Condition

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.

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

APPROVED BY:

DATE: JUL 31, 2023

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Villa 2
Compliance Package A1

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#### **Qualification Information**

Jamie Mack
Name

BCIN

Signature

Registration Information

Mackitecture

103532

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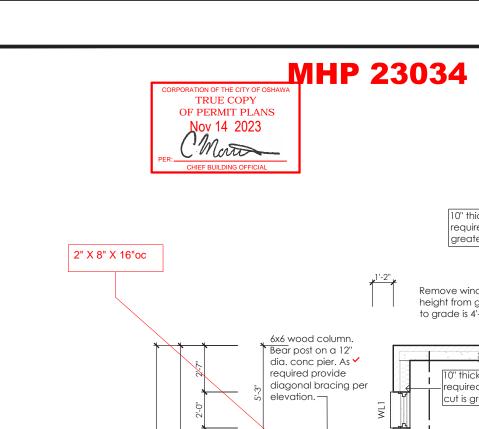
# Walkout Basement Elevation Elevations 1, 2 and 3

tale 3/16" = 1'-0" by - area - sheet no.

10-1
2023-07-06 36' Single 22-012

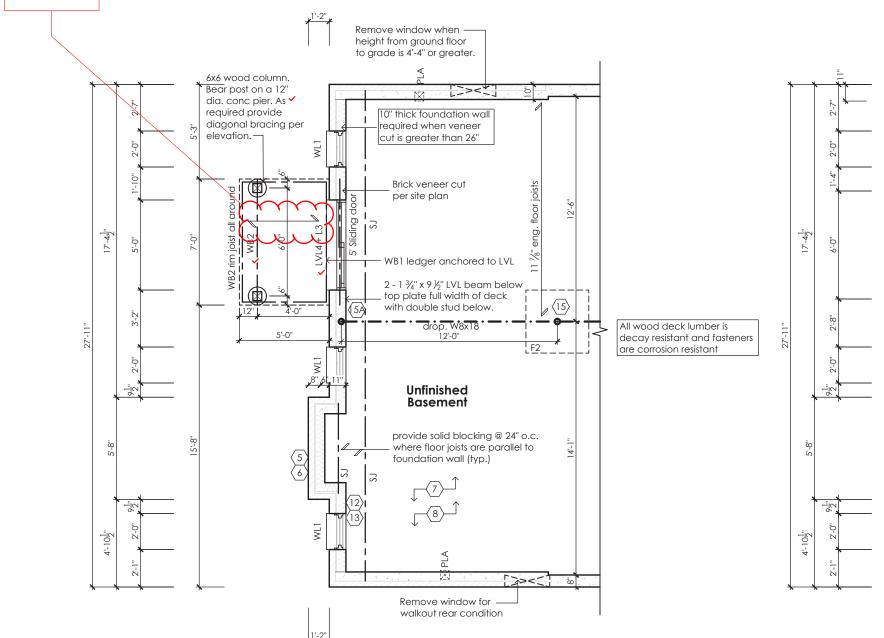


www.greenparkgroup.ca



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

10" thick foundation wall required when veneer cut is greater than 26"



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

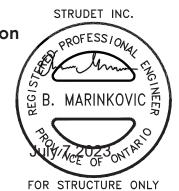
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JOHN G. WILLIAMS LTD., ARCHITECT ARCHITECTURAL CONTROL REVIEW AND APPROVAL APPROVED BY: DATE: JUL 31, 2023

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

10-2



Villa 2

Compliance Package A1

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# **Qualification Information**

BCIN Mackitecture



# **Walkout Basement Plans** Elevations 1, 2 and 3 3/16" = 1'-0"

36' Single

www.greenparkgroup.ca

**<b><b>Greenpark** 

Zadorra Estates Inc.

2023-07-06

Breakfast

8

drop. stl. bm. by p. eng.

Family Room 🗟

Coffered ceiling

Wood Deck

(5A)