

BUILDING PERMIT COVER PAGE

Development Services Department Building Permit and Inspection Services

| BUILDING PERMIT PLANS | ACCEPTED AS NOTED | | | | |
|---------------------------|-------------------|-------------|--|--|--|
| REVIEW | REVIEWED BY | DATE | | | |
| ZONING | | | | | |
| PLANNING | | | | | |
| ARCHITECTURAL | CM | NOV 3, 2023 | | | |
| STRUCTURAL | | | | | |
| FIRE | | | | | |
| PLUMBING | CARD | | | | |
| MECHANICAL | | | | | |
| PLANS REVIEW COMPLETED | CM | NOV 3, 2023 | | | |

)shawa∘

SOIL CONDITIONS

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

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

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.

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

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

DURING CONSTRUCTION.

FUTURE ALTERATIONS

A SEPARATE BUILDING PERMIT IS

PARTITIONS AND/OR ALTERATIONS.

REQUIRED FOR ANY PROPOSED INTERIOR

COPY OF THE STAMPED/REVIEWED

DRAWINGS MUST REMAIN ON SITE

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

MHP CERTIFICATION

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

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

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.

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 1.2m.

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 AND 12.7mm 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 $\frac{3}{4}$ HOURS.

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

PLUMBING INSTALLATIONS

RETURN AIR INLET FROM ANYROOM

SETURN OF AIR FROM ANY ROOM OR

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

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.

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 F AND SHALL BE FITTED WITH AN APPROVED SELF CLOSING DEVICE

| STAIR TYPE | MAX. RISE, mm, ALL STEPS | MINL RISE, mm, ALL STEPS | MAX, RUN, mm RECTANGULAR TREADS | MIN. RUN, mm RECTANGULAR TREADS | STAIR WIDTH, mm | HEADROOM 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 L IMI T | 860 | 1950 |
| STAIRS THAT SERVE MEZZANINES NOT EXCEEDING 20 m2 WITHIN LIVE/WORK UNITS | NO LIMIT | 125 | 355 | NO LÍMÍT | WIDTH AS PER DIV B 9.8.2.1.(3) | 2050 |

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 DRAWINGS**.

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

- 1. SWINGING DOORS PROVIDING ACCESS TO DWELLING UNITS SHALL SATISFY THE REQUIREMENTS FOR RESISTANCE TO FORCED ENTRY AS DESCRIBED
- 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 5.3.5.0F AAMA/WDMA/CSA 101/I.S.2/A440.

ROOF CEILING INSULATION

IN SUBSECTION 9.7.5.2.

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

OBC 9.26.4.1.

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

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)

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

s and Semi-Detached Houses up to 2 storeys

<mark>||∟For &For 10" foun</mark>dation 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.

Foundation walls with engineered joists over 16' spans

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

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 I | Native Soil | 90 kPa Engineered |
|-------------------|-------------|-----------------------------|
| F1 = 42" x | 42" x 18" | F1 = 48" x 48" x 20" |
| F2 = 36" x | 36" x 16" | F2 = 40" x 40" x 16" |
| F3 = 30" x | 30" x 12" | F3 = 34" x 34" x 14" |
| F4 = 24" x | | F4 = 28" x 28" x 12" |
| F5 = 16" × | (16" x 8" | F5 = 18" x 18" x 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 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

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 | 1 | Ceiling | g 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

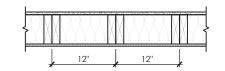
| Studs | Spacing | Maxim | num Height |
|-------|---------|--------|------------|
| 2x4 | 16" o/c | 8'-0 | (2.44m) |
| 2x4 | 12" o/c | 8'-10" | (2.69m) |
| 2-2x4 | 16" o/c | 10'-1" | (3.07m) |
| 2-2x4 | 12" o/c | 10'-9" | (3.28m) |
| 3-2x4 | 16" o/c | 11'-2" | (3.40m) |
| 3-2x4 | 12" o/c | 12'-4" |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

Two Storey Height Wall Details - max. 18'-0" tall

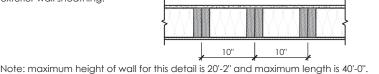
2 - 2 x 6 stud wall nailed together and spaced at 12" o/c full height c/w solid blocking @ 48" o/c vertical and $\frac{7}{16}$ " OSB exterior wall sheathing.



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

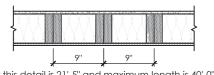
Two Storey Height Wall Detail - max. 20'-2" tall

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.



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

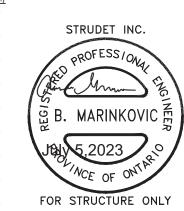
| Label | Steel Angle Size $(v \times h \times t)$ | | Wood Size | (members + v | v + h <u>)</u> |
|-------|--|---|------------|----------------|----------------|
| WL1 = | 3½" x 3½" x½" (89 x 89 x 6.4) [2] | + | 2 - 2 x 8 | (2 - 38 x 184) | S.P.F. No. 2 |
| WL2 = | 4" x 3 ½" x ¾" (102 x 89 x 7.9) [?] | + | 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 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 ¾" (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 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 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

| Lann | nai | ea veneer L | ningei (ra |
|---------------|-----|----------------------|----------------|
| Label | | Beam Size (mer | nbers + w + h |
| L VL1A | = | 1 - 1 ¾" x 7 ½" | (1 - 45 x 184) |
| L VL1 | = | 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 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 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

| 2] |
|------|
| [ś] |
| [4] |
| [ś] |
|) [ś |
| (s) |
| |

Glue-Laminated Floor Beams

| 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

| ļ ' | 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 | | |

Energy rating: 25

75%

0.80

Max. U: Min. AFAU:

Min SRF

Min. EF:

Area Calculations Rose 12-1

Windows and Sliding Glass Doors

Space Heating Equipment

Domestic Water Heater

Skylights

HRV

1406 sa ft, 130.62 sa m Ground Floor 1756 sq ft, 163.14 sq m 3162 sq ft, 293.76 sq m Second Floor Total floor area

Total open to below 0 sa ft. 0.00 sa m 0 sq ft, 0.00 sq m Finished basement Total gross floor area 3162 sq ft, 293.76 sq m

Coverage Areas Ground floor 1406 sq ft, 130.62 sq m Garage 396 sq ft, 36.79 sq m 60 sq ft, 5.57 sq m Porch 0 sq ft, 0.00 sq m 1802 sq ft, 167.41 sq m Other structures Coverage w/o porch Coverage w/ porch 1862 sa ft. 172 99 sa m

Area Calculations

1406 sa ft, 130.62 sa m Ground Floor Second Floor 1756 sq ft, 163.14 sq m 3162 sq ft, 293.76 sq m Total floor area

Total open to below 0 sa ft . 0 00 sa m Finished basement Total gross floor area 3162 sq ft, 293.76 sq m

Coverage Areas Ground floor Garage Porch 396 sq ft, 36.79 sq m 60 sq ft, 5.57 sq m Other structures Coverage w/o porch Coverage w/ porch

SB-12 Calculations Rose 12-1

Elevation Wall Area Window Area 701.4 sa ft (65.2 sa m) Front 80.5 sa ft (7.5 sa m) Left side 1163.2 sq ft (108.1 sq m) 182.8 sq ft (17.0 sq m) Right side 1163.2 sq ft (108.1 sq m) 33.1 sq ft (3.1 sq m) **Total** 3729.2 sq ft (346.5 sq m) 397.3 sq ft (36.9 sq m)

Rose 12-2

1406 sq ft, 130.62 sq m 0 sq ft, 0.00 sq m 1802 sq ft, 167.41 sq m 1862 sa ft. 172.99 sa m

SB-12 Calculations Rose 12-2

Elevation **Wall Area Window Area Percentage** 714.7 sq ft (66.4 sq m) 714.7 sq ft (66.4 sq m) 78.5 sq ft (7.3 sq m) 189.6 sq ft (17.6 sq m) Left side 26.52% 1163.2 sq ft (108.1 sq m) 701.4 sq ft (65.2 sq m) Right side 33.1 sq ft (3.1 sq m) 2 85% Total 3294.0 sq ft (306.0 sq m) 402.1 sq ft (37.4 sq m) 12.21%

Area Calculations Rose 12-3

1406 sa ft, 130.62 sa m Second Floor 1756 sq ft, 163.14 sq m Total floor area 3162 sq ft, 293.76 sq m Total open to below 0 sq ft, 0.00 sq m

Finished basement 0 sq ft, 0.00 sq m 3162 sq ft, 293.76 sa m Total gross floor area

Coverage Areas Ground floor

1406 sq ft, 130.62 sq m 396 sq ft, 36.79 sq m 60 sq ft, 5.57 sq m Garage Porch Other structures 0 sa ft, 0.00 sa m 1802 sq ft, 167.41 sq m Coverage w/o porch Coverage w/ porch 1862 sq ft, 172.99 sq m

SB-12 Calculations Rose 12-3

Elevation Wall Area 721.4 sq ft (67.0 sq m) 1185.4 sq ft (110.1 sq m) Front Left side Riaht side 1163.2 sq ft (108.1 sq m) **Total**

Window Area Percentage 113.4 sq ft (10.5 sq m) 236.2 sq ft (21.9 sq m) 15.73% 19.93% 33.1 sa ft (3.1 sa m) 2 85% 3771.4 sq ft (350.4 sq m) 486.4 sq ft (45.2 sq m) 12.90%

> Rose 12 Compliance Package A1

Percentage

11.48%

15.71%

10.65%

2 85%

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

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

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

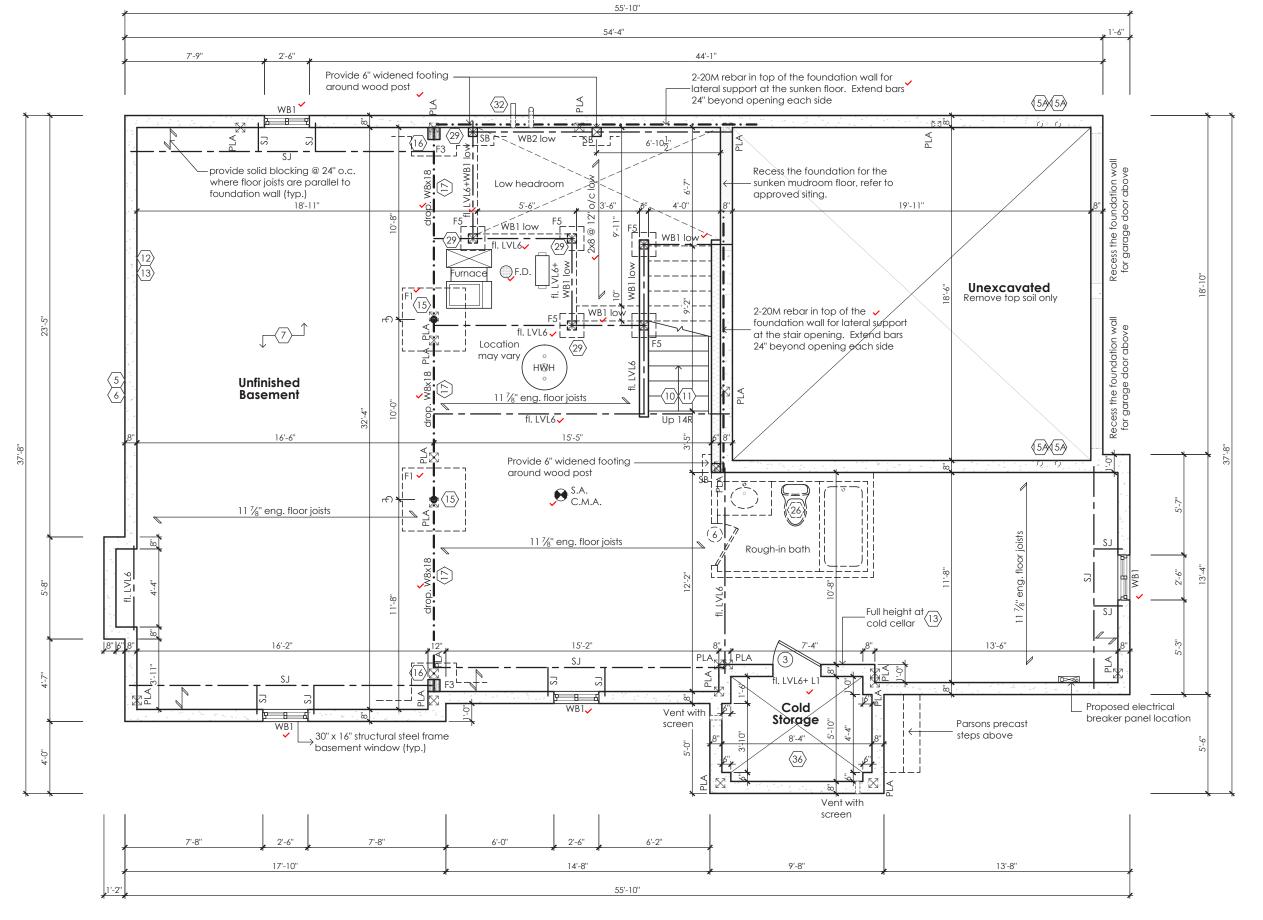


www.greenparkgroup.ca

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

JOHN G. WILLIAMS LTD., ARCHITECT AND APPI

DATE: <u>JUL 31, 2023</u>



Basement Plan '1'

Name

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

Rose 12 Compliance Package A1

STRUDET INC.

PROFESS/ON

B. MARINKOVIC E

FOR STRUCTURE ONLY

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



| | Basemen | t Floor Plan | | |
|---------------|------------|---------------------------|-----------|--|
| Elevation 1 | | | | |
| 3/16" = 1'-0" | J M | 3162 sq ft | sheet no. | |
| 2023-06-30 | 40' Single | project no. 22-012 | 1-1 | |



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

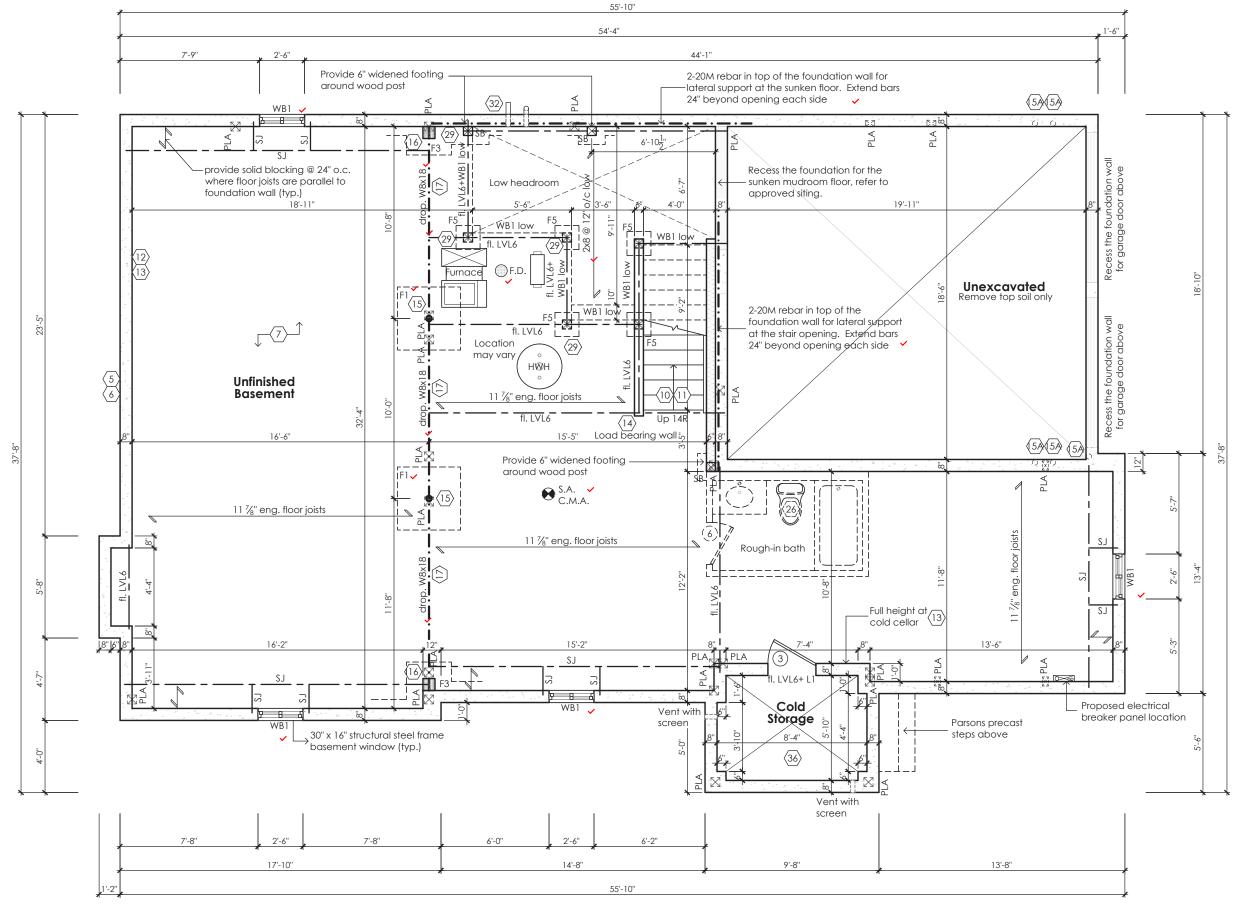
JOHN G. WILLIAMS LTD., ARCHITECT ARCHITECTURAL CONTROL REVIEW AND APPROVAL

APPROVED BY:

DATE: JUL 31, 2023

This stamp certifies compliance with the

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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

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Compliance Package A1

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B. MARINKOVIC E

5, 2023 NCE OF ONT AR

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Qualification Information amie Mack ame BCIN Signatur Mackitecture 35923 10353



| Basement Floor Plan Elevation 2 | | | | |
|---------------------------------|------------|-------------|-----------|----|
| cale 2 /1 / !! - 1! O!! | by | area | sheet no. | |
| 3/16" = 1'-0" | JM | 3162 sq ft | 1.0 | pr |
| date | type | project no. | 1-2 | |
| 2023-06-30 | 40' Single | 22-012 | | |

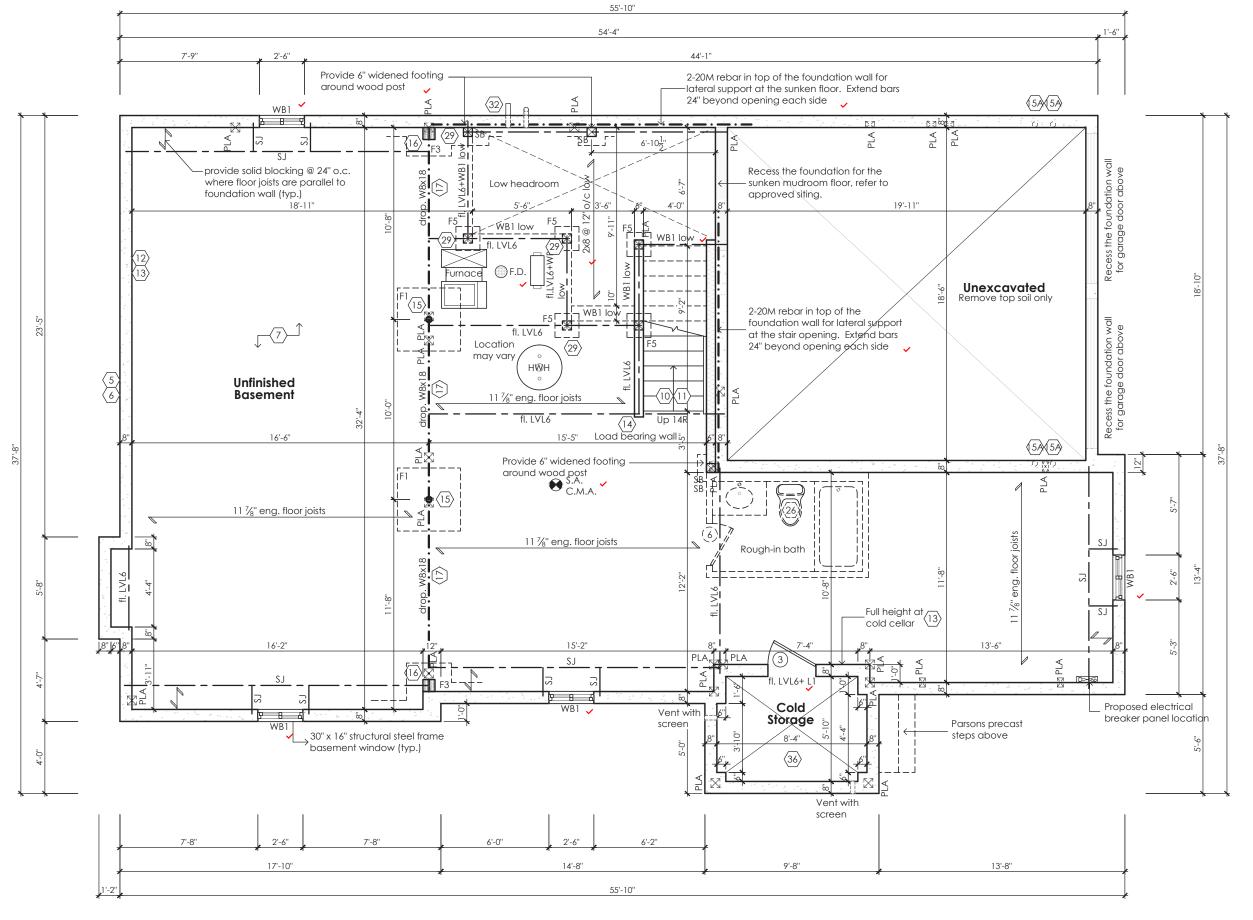


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DATE: <u>JUL 31, 2023</u>



Basement Plan '3'

Name

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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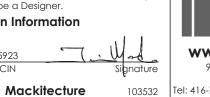
STRUDET INC.

PROFESSIONAL

B. MARINKOVIC

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BCIN





| Basement Floor Plan Elevation 3 | | | | |
|---------------------------------|------------|---------------------------|-----------|------|
| 3/16" = 1'-0" | J M | 3162 sq ft | sheet no. | proj |
| 2023-06-30 | 40' Single | project no. 22-012 | 1-3 | |



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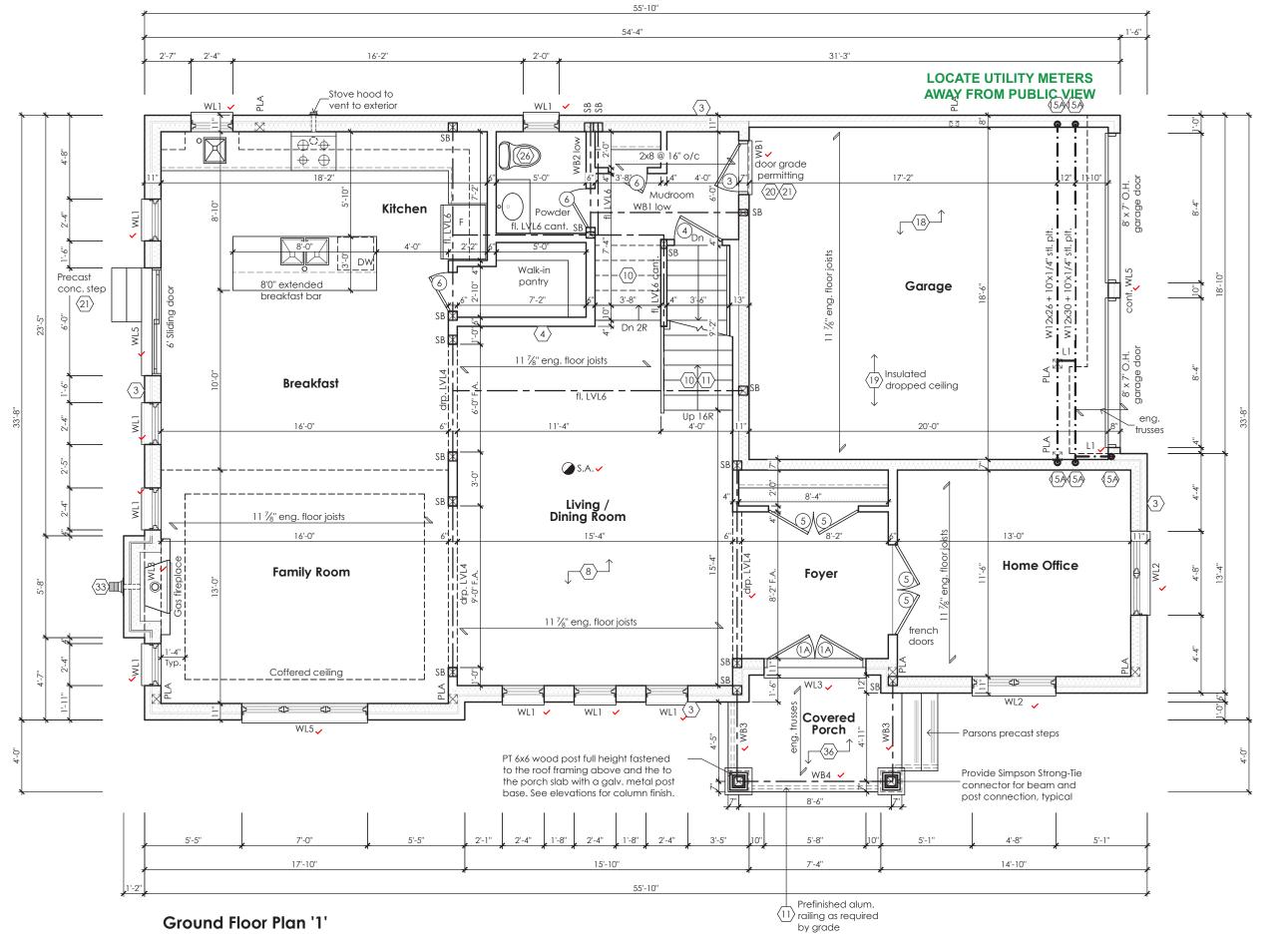
JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVALA

APPROVED BY:

DATE: JUL 31, 2023

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Compliance Package A1

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Qualification Information

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

Jamie Mack
Name
BCIN
Signature
Registration Information
Mackitecture
103532



| Ground Floor Plan Elevation 1 | | | | |
|-------------------------------|------------|---------------------------|-----------|--|
| 3/16" = 1'-0" | J M | area 3162 sq ft | sheet no. | |
| date 2023-06-30 | 40' Single | project no. 22-012 | 2-1 | |

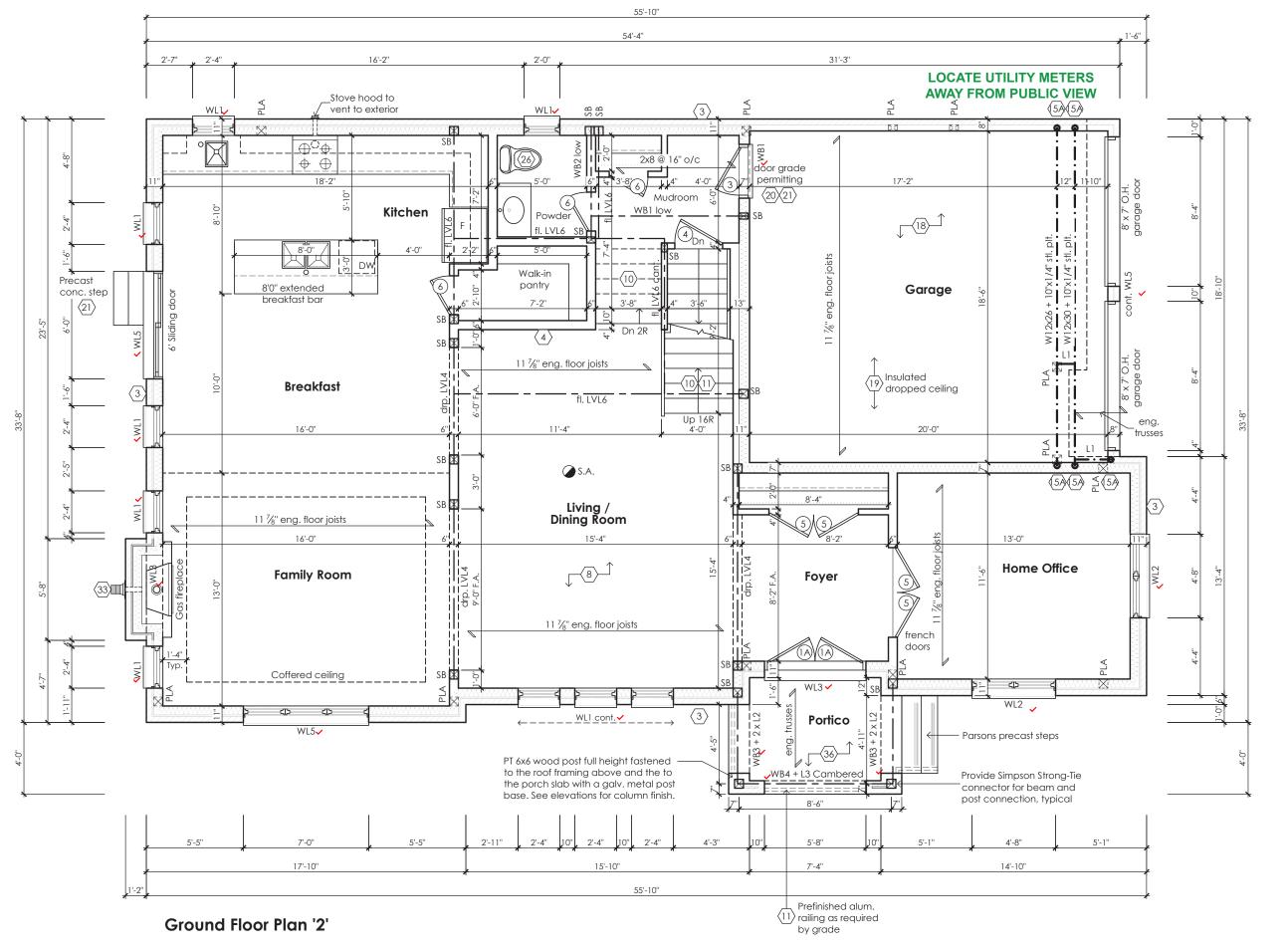
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Qualification Information



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| Ground Floor Plan Elevation 2 | | | | |
|-------------------------------|------------|---------------------------|-----|--|
| | | | | |
| date 2023-06-30 | 40' Single | project no. 22-012 | 2-2 | |



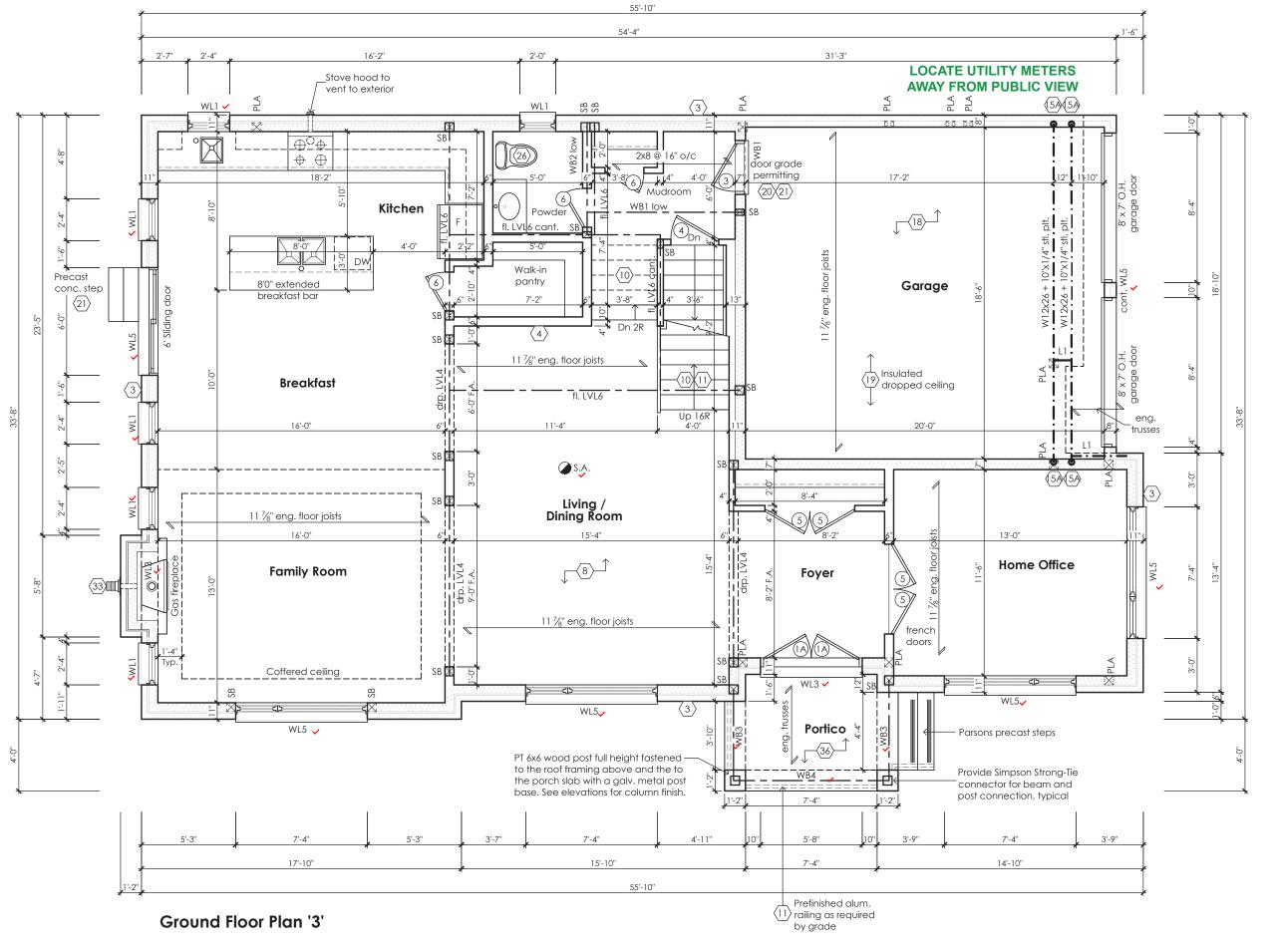
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Qualification Information

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Jamie Mack
Name
BCIN
Signature
Registration Information
Mackitecture
103532



| Ground Floor Plan Elevation 3 | | | | |
|-------------------------------|------|-------------|-----------|--|
| scale | by | area | sheet no. | |
| 3/16" = 1'-0" | JW | 3162 sq ft | 0.0 | |
| date | type | project no. | □ フェス | |

22-012

40' Single

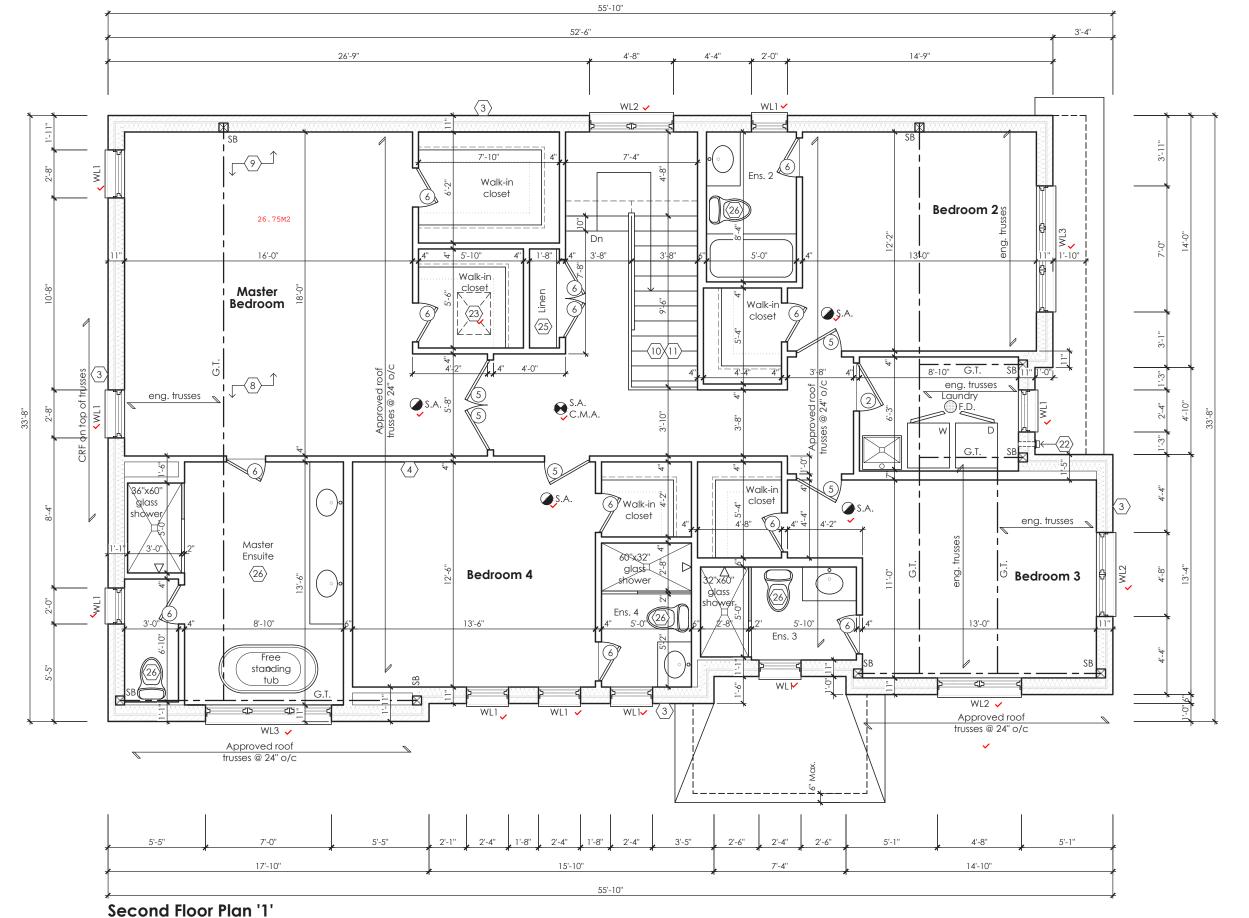
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Rose 12
Compliance Package A1

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

Registration Information

Mackitecture

103532

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



| Second Floor Plan Elevation 1 | | | | |
|-------------------------------|------------|---------------------------|-----------|--|
| 3/16" = 1'-0" | J M | 3162 sq ft | sheet no. | |
| 2023-06-30 | 40' Single | project no. 22-012 | 3-1 | |

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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.

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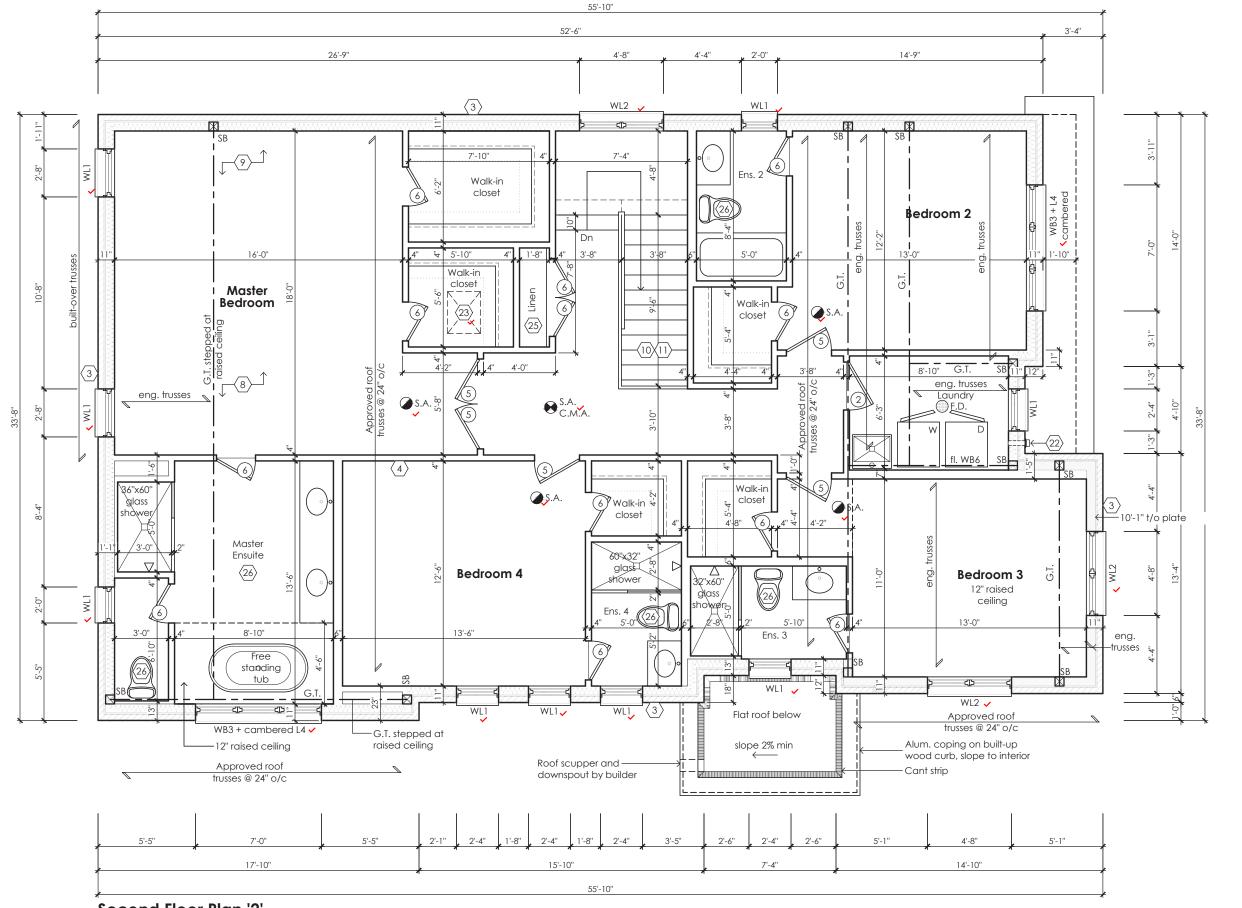
JOHN G. WILLIAMS LTD., ARCHITECT ARCHITECTURAL CONTROL REVIEW AND APPROVAL

APPROVED BY:

DATE: JUL 31, 2023

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Second Floor Plan '2'

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B. MARINKOVIC E

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Qualification Information

Mack 35923

Mackitecture

BCIN



| Elevation 2 | | | | |
|---------------|------------|-------------|-----------|---|
| ale | by | area | sheet no. | |
| 3/16" = 1'-0" | JW | 3162 sq ft | | F |
| ite | type | project no. | 3-2 | |
| 2023-06-30 | 40' Single | 22-012 | | |

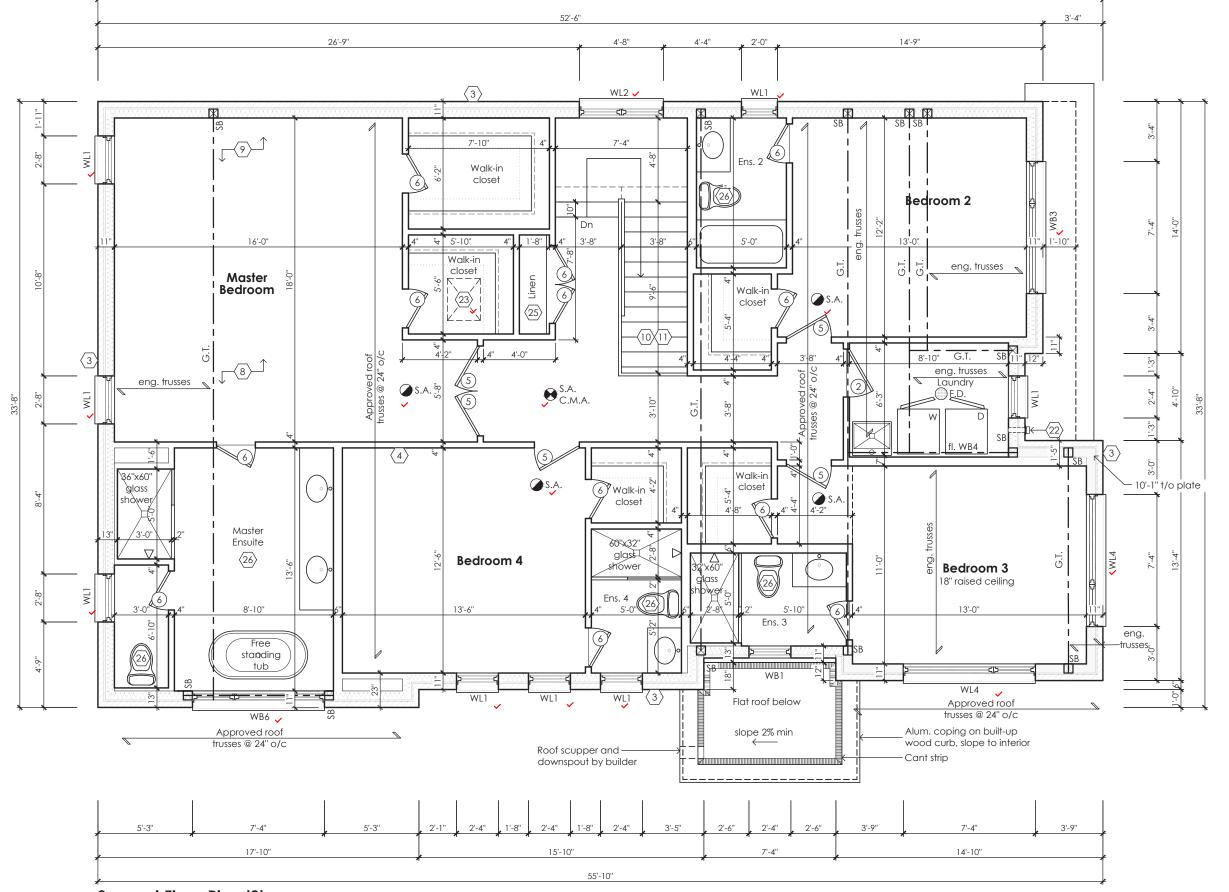
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55'-10"

Second Floor Plan '3'

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NOE OF ONTAR! FOR STRUCTURE ONLY Rose 12

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2023

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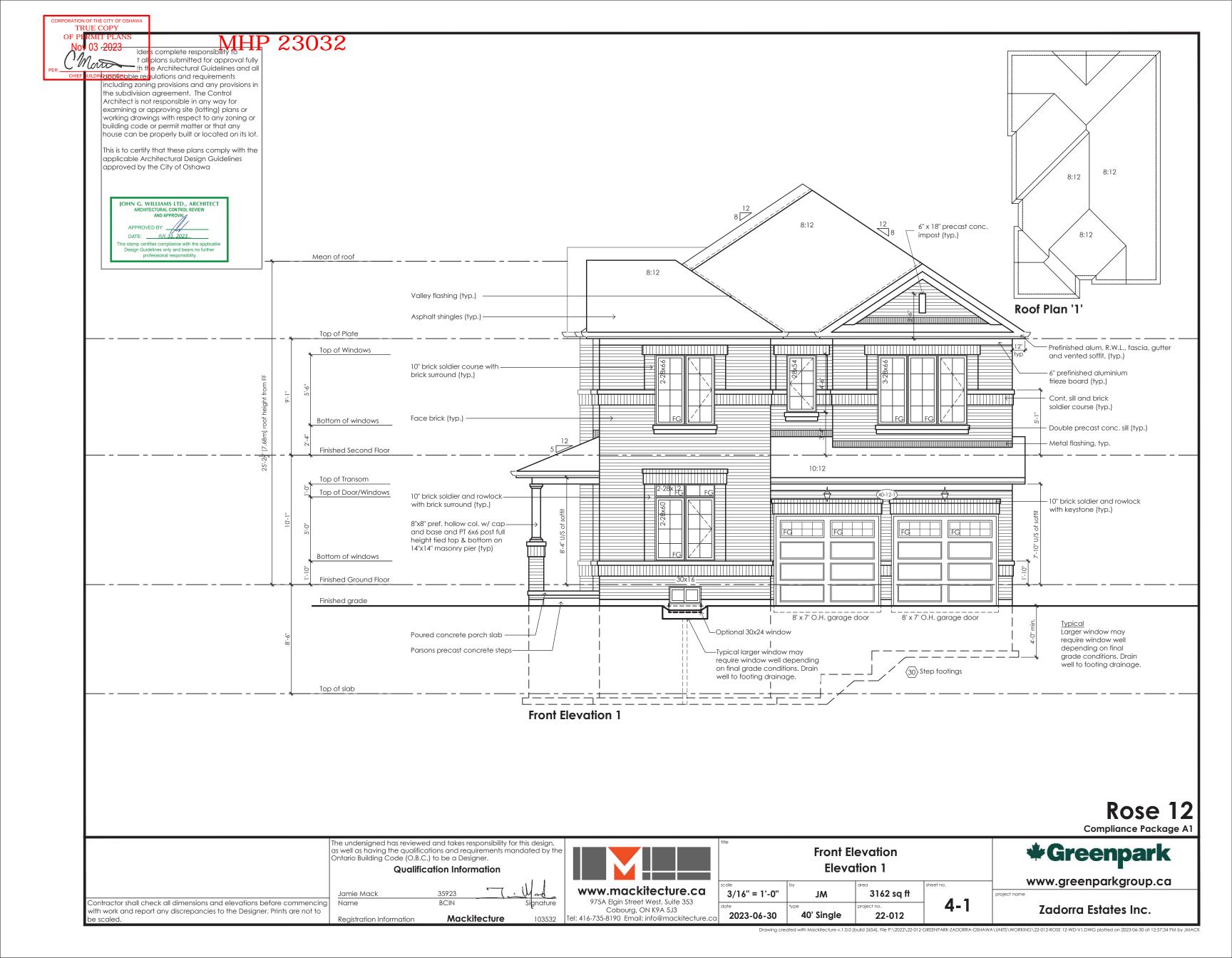
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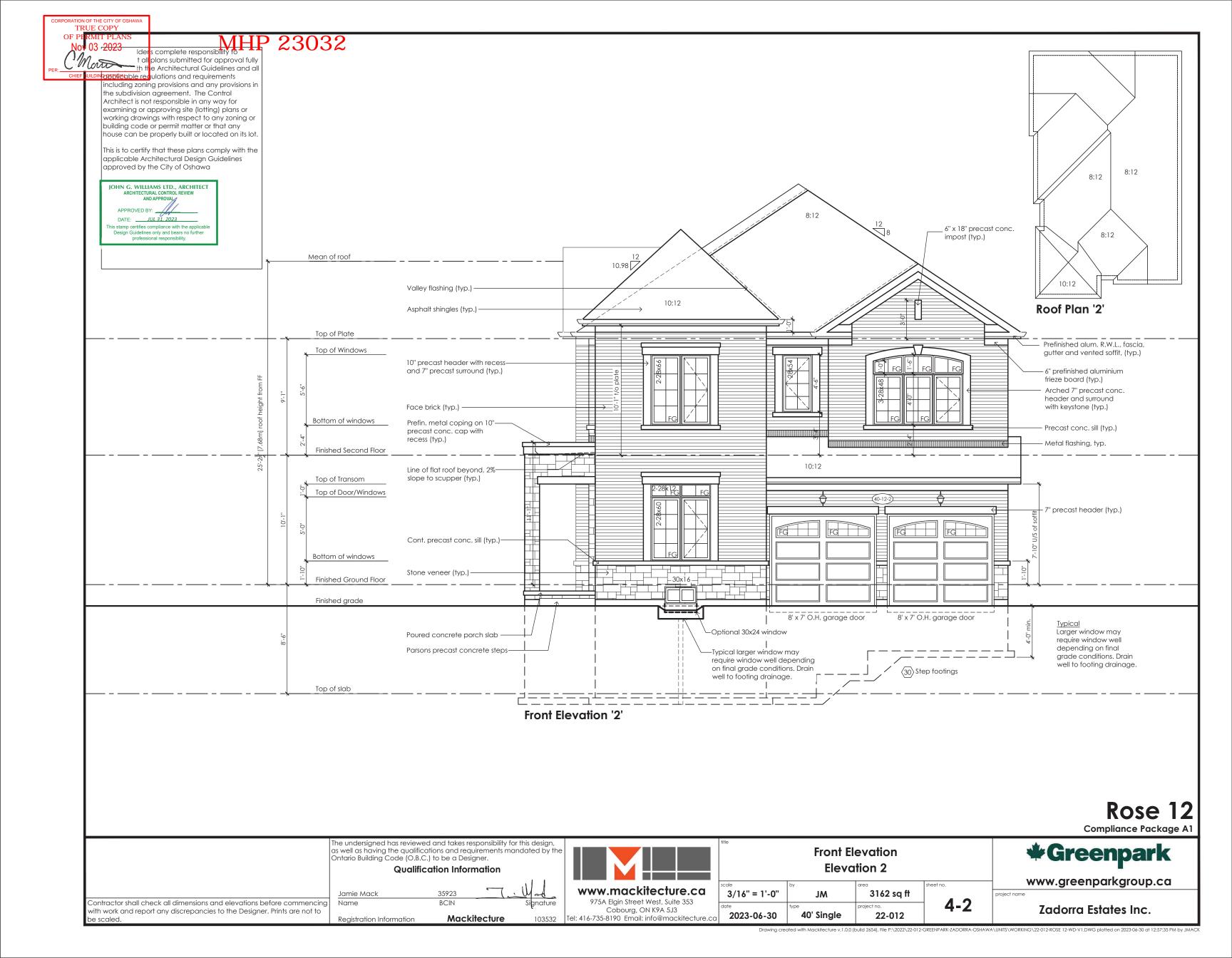
www.mackitecture.ca 975A Elgin Street West, Suite 353 Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

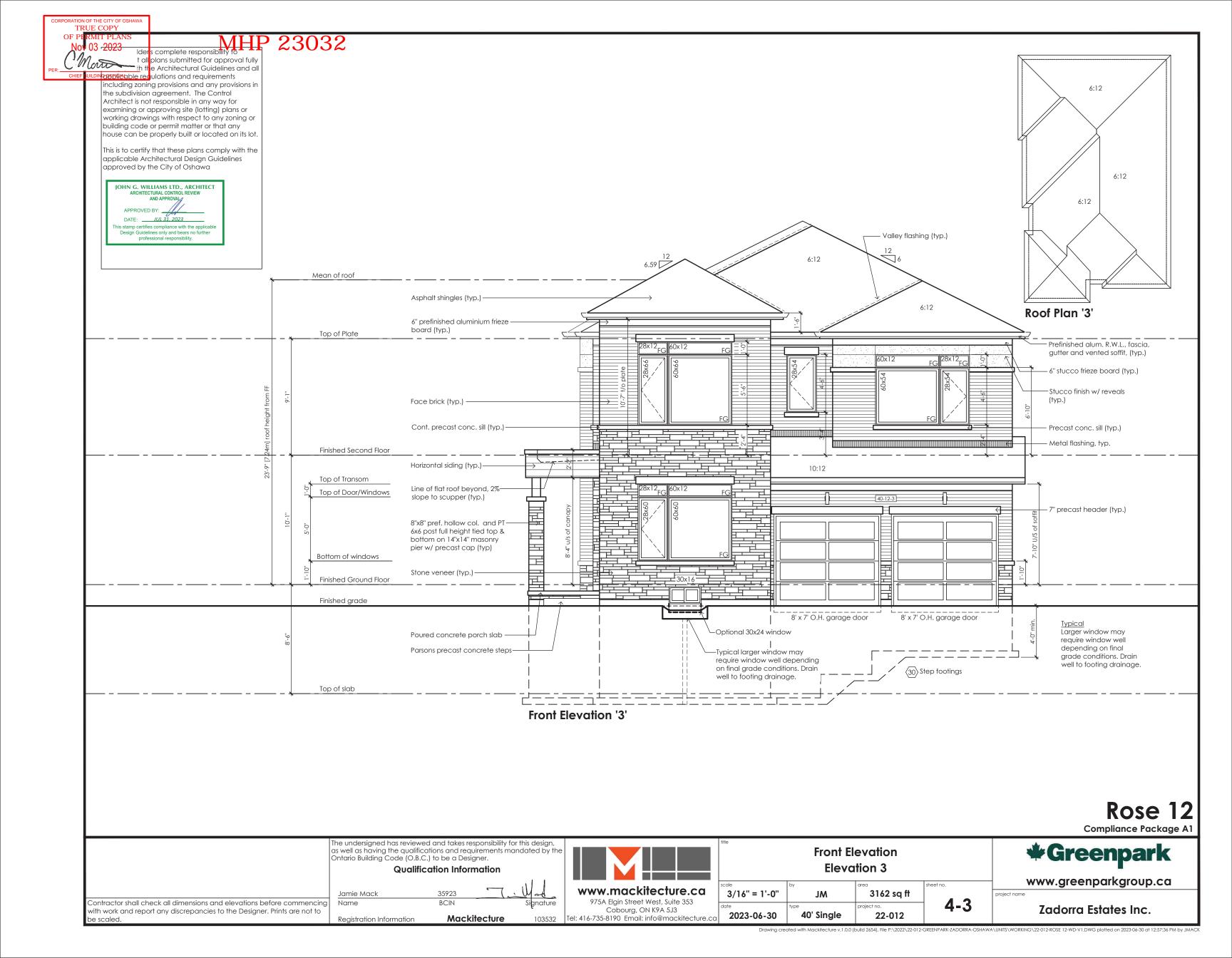
Second Floor Plan Elevation 3 3/16" = 1'-0" 3162 sq ft 3-3 40' Single 2023-06-30 22-012

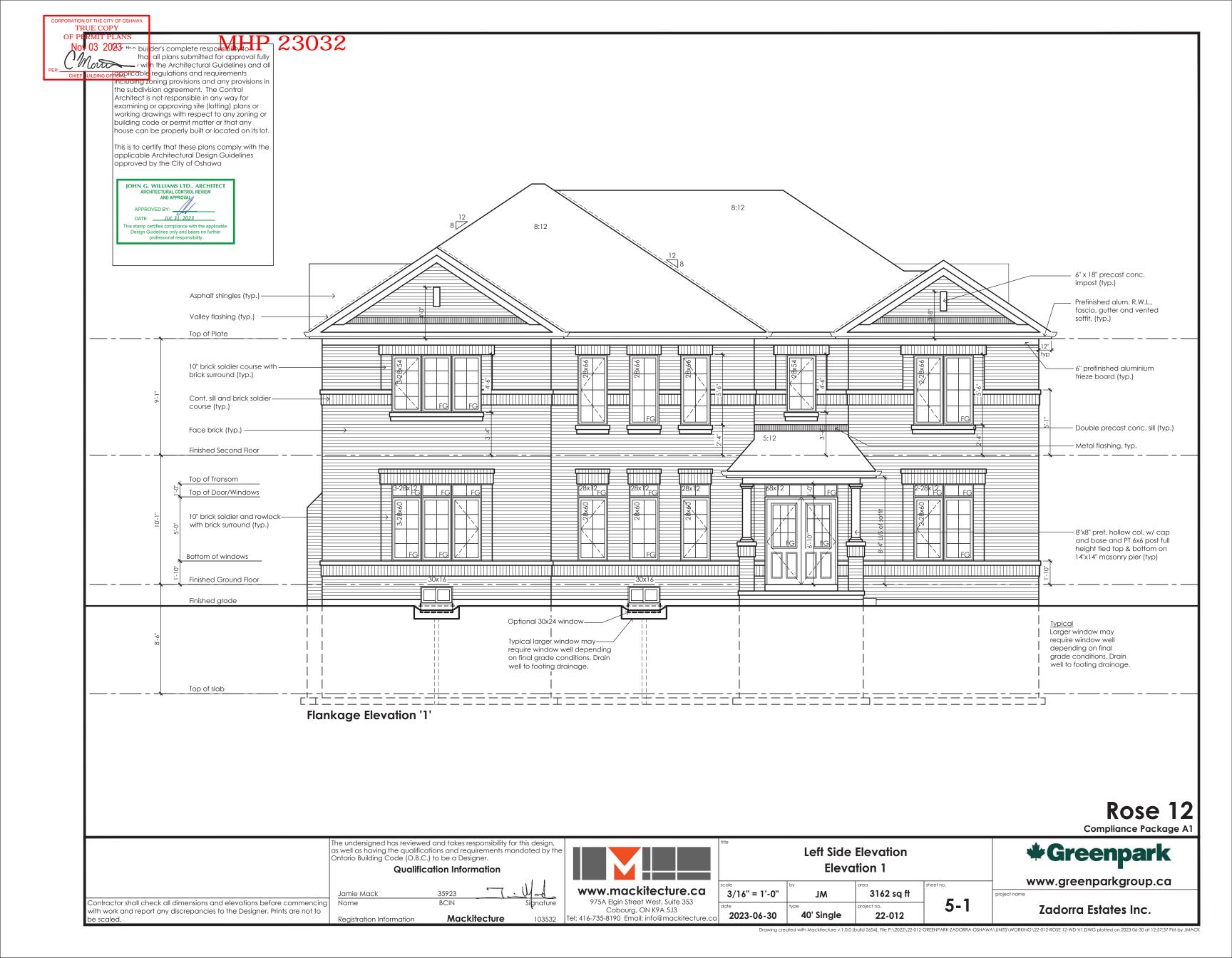
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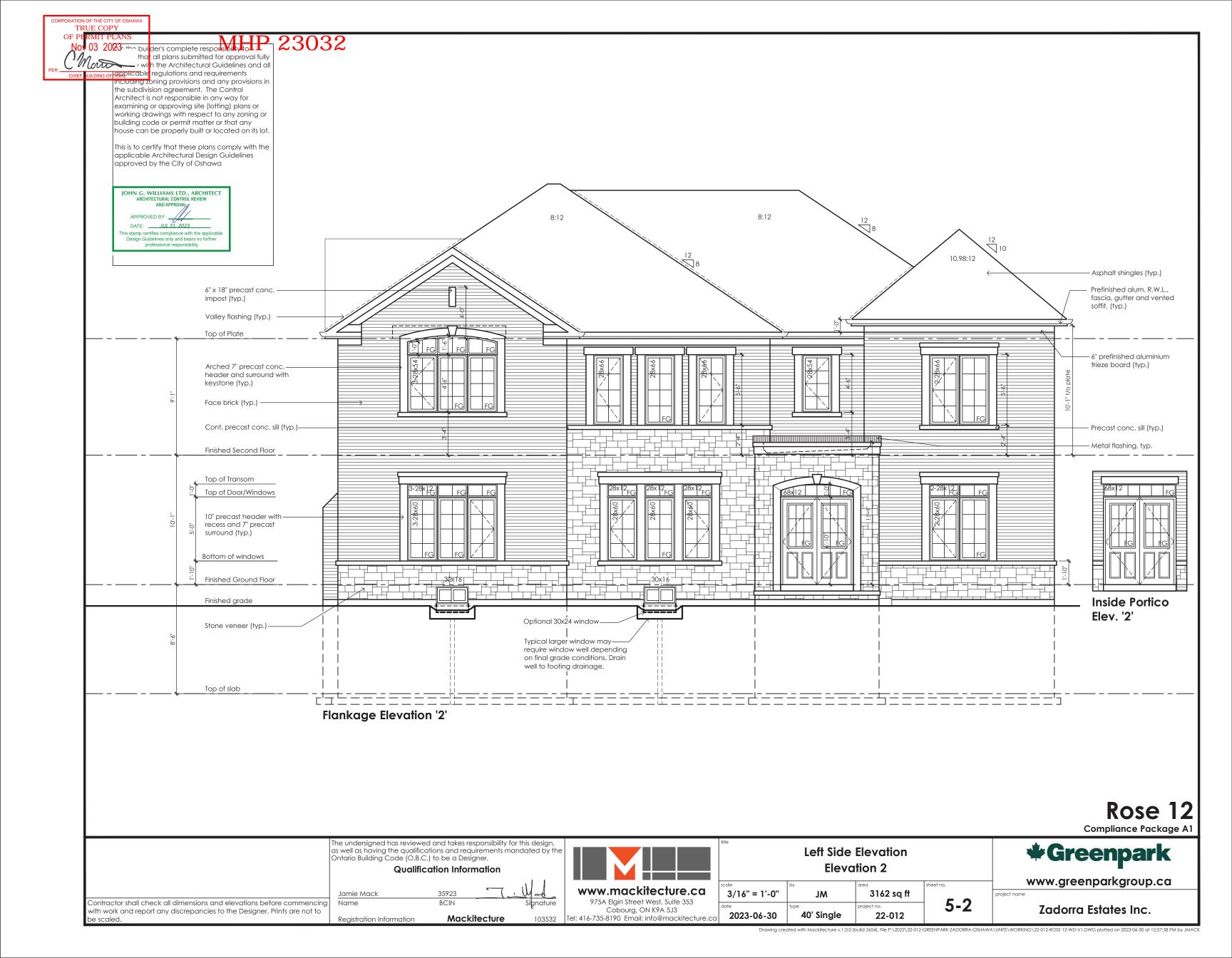
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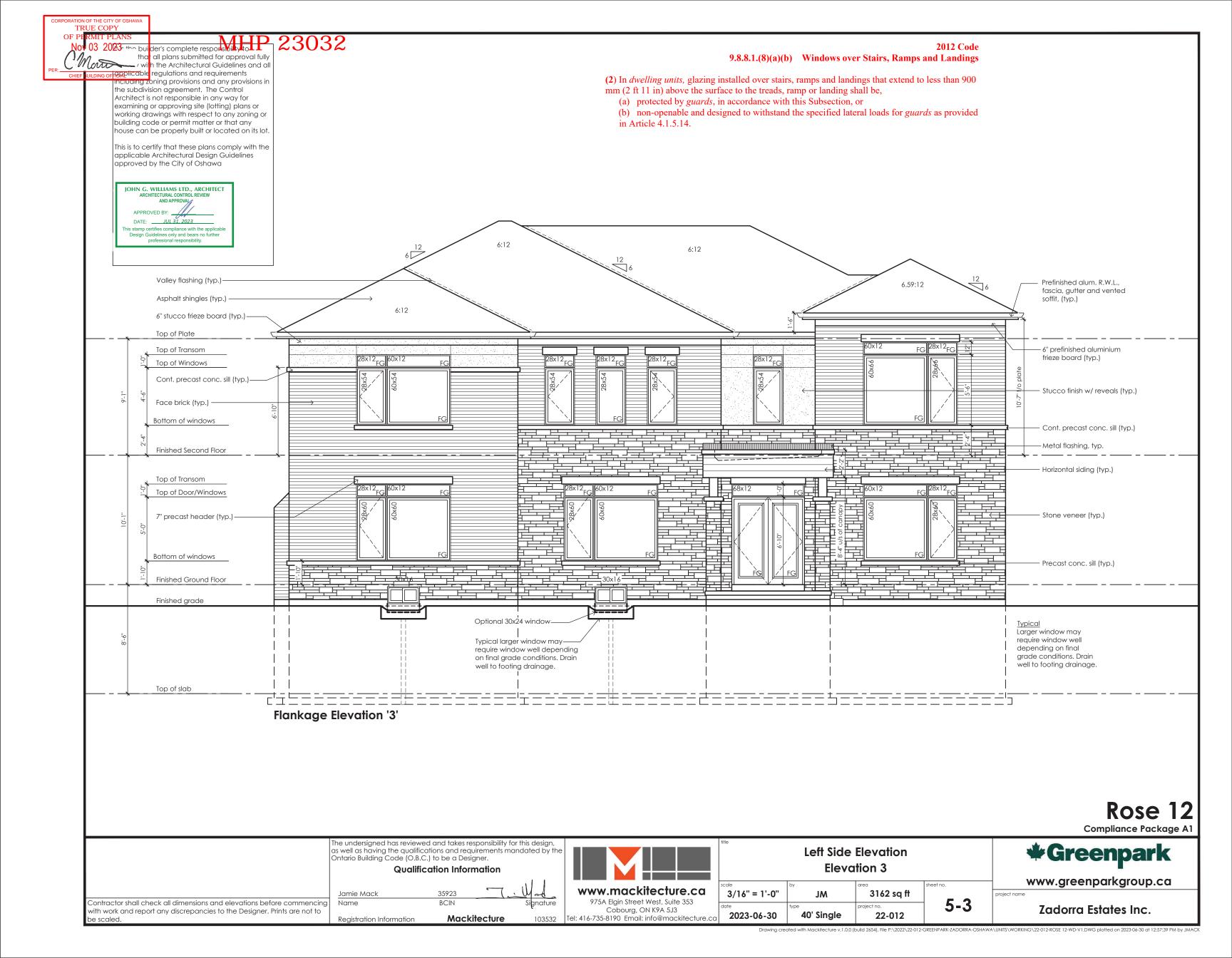


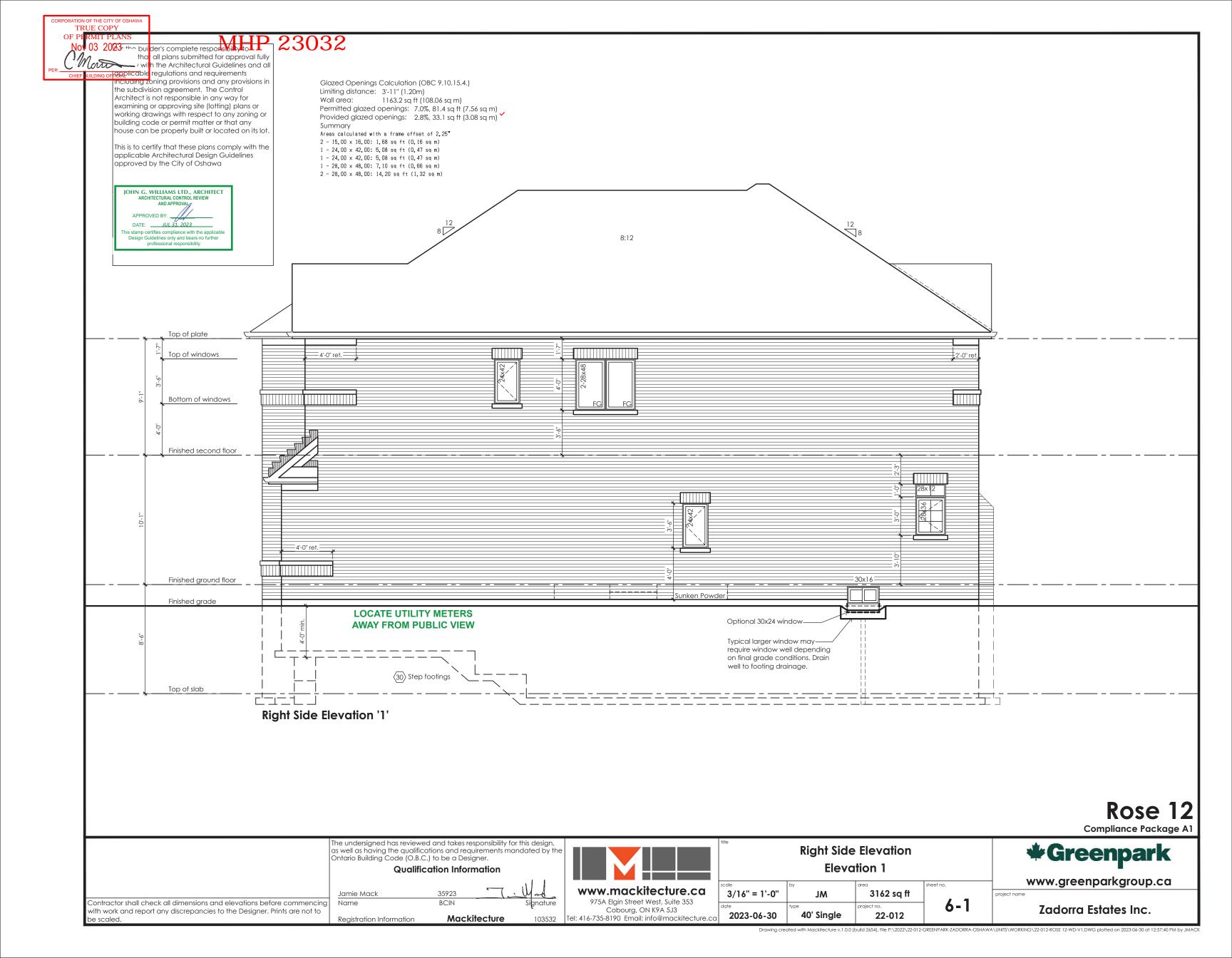


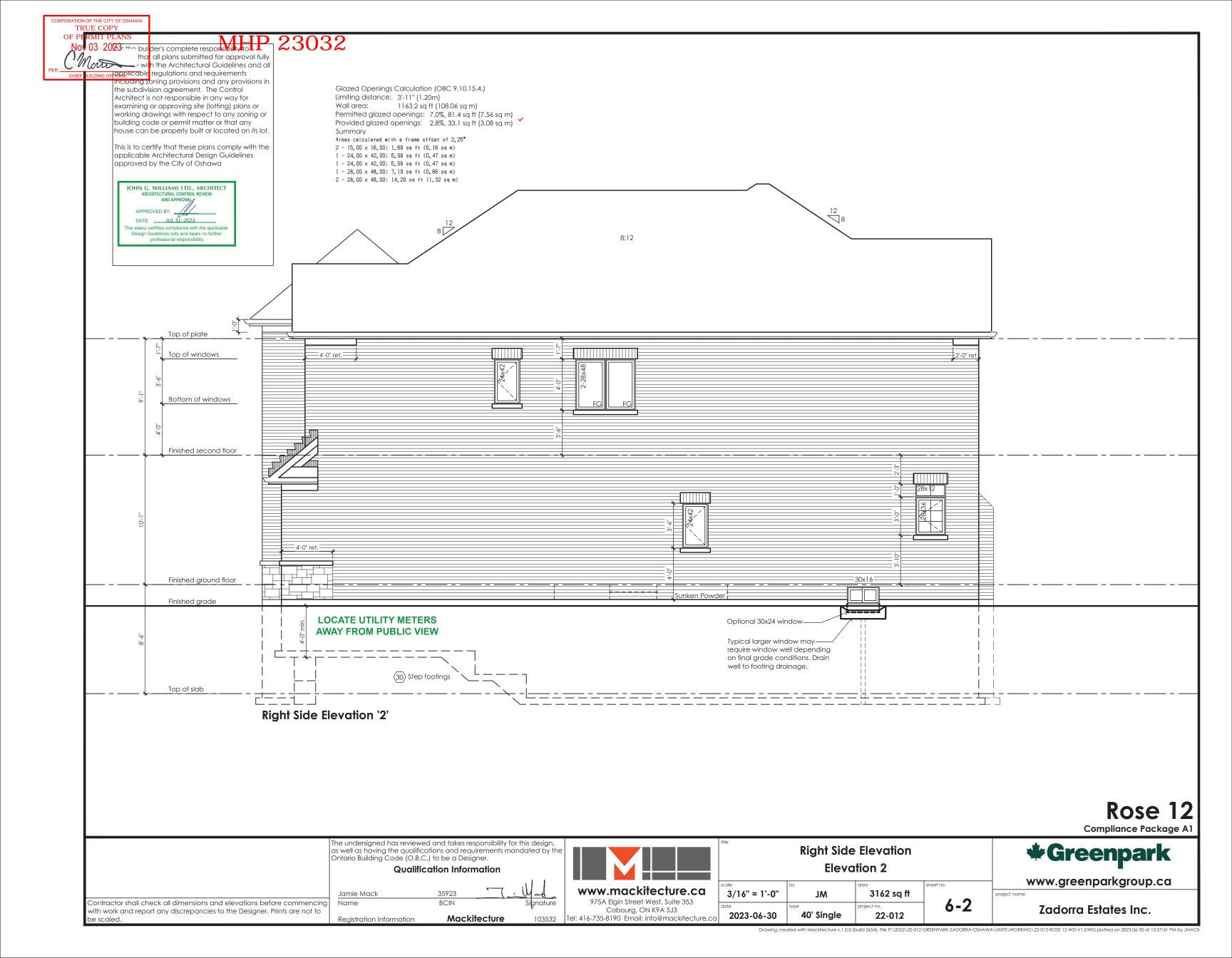


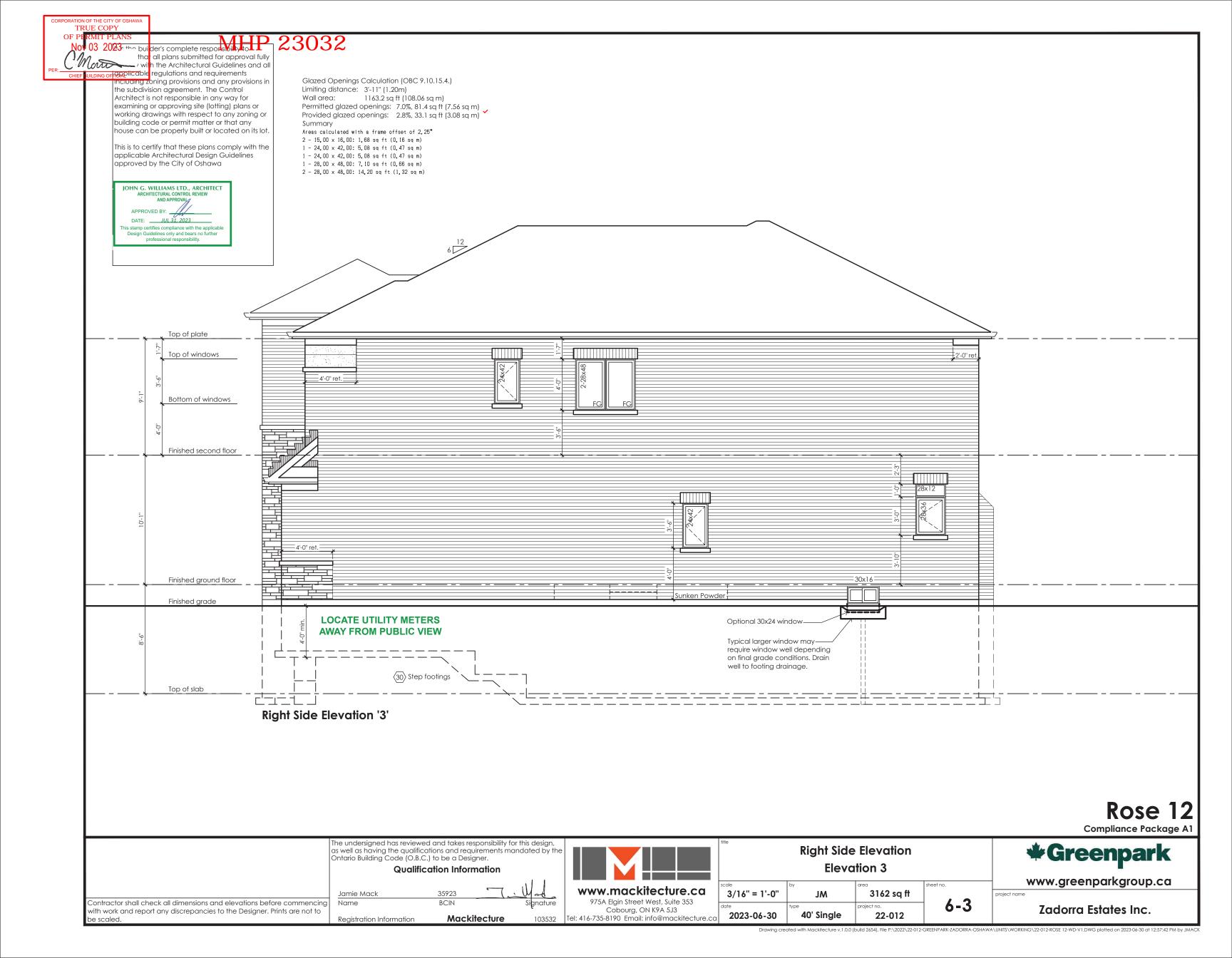


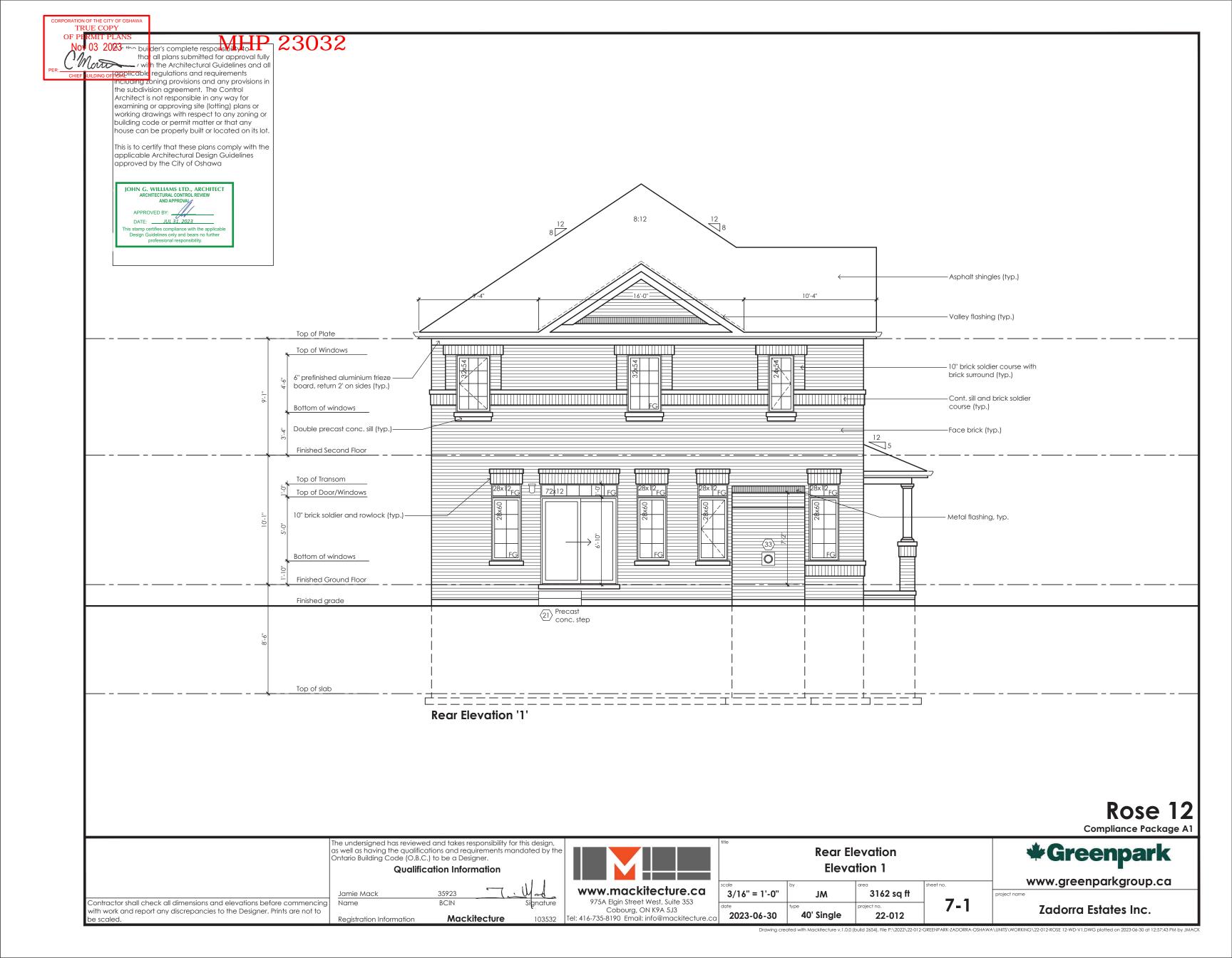


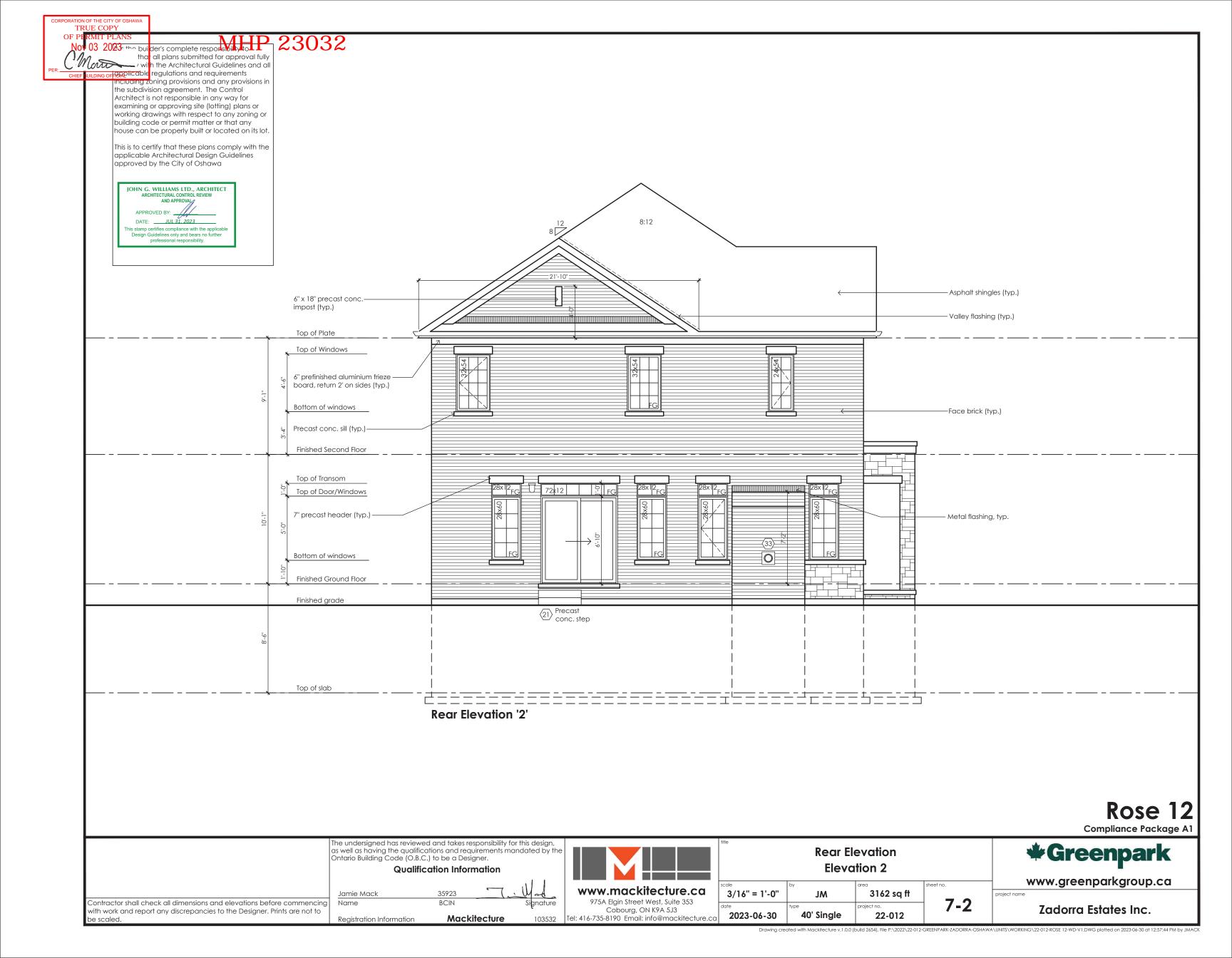


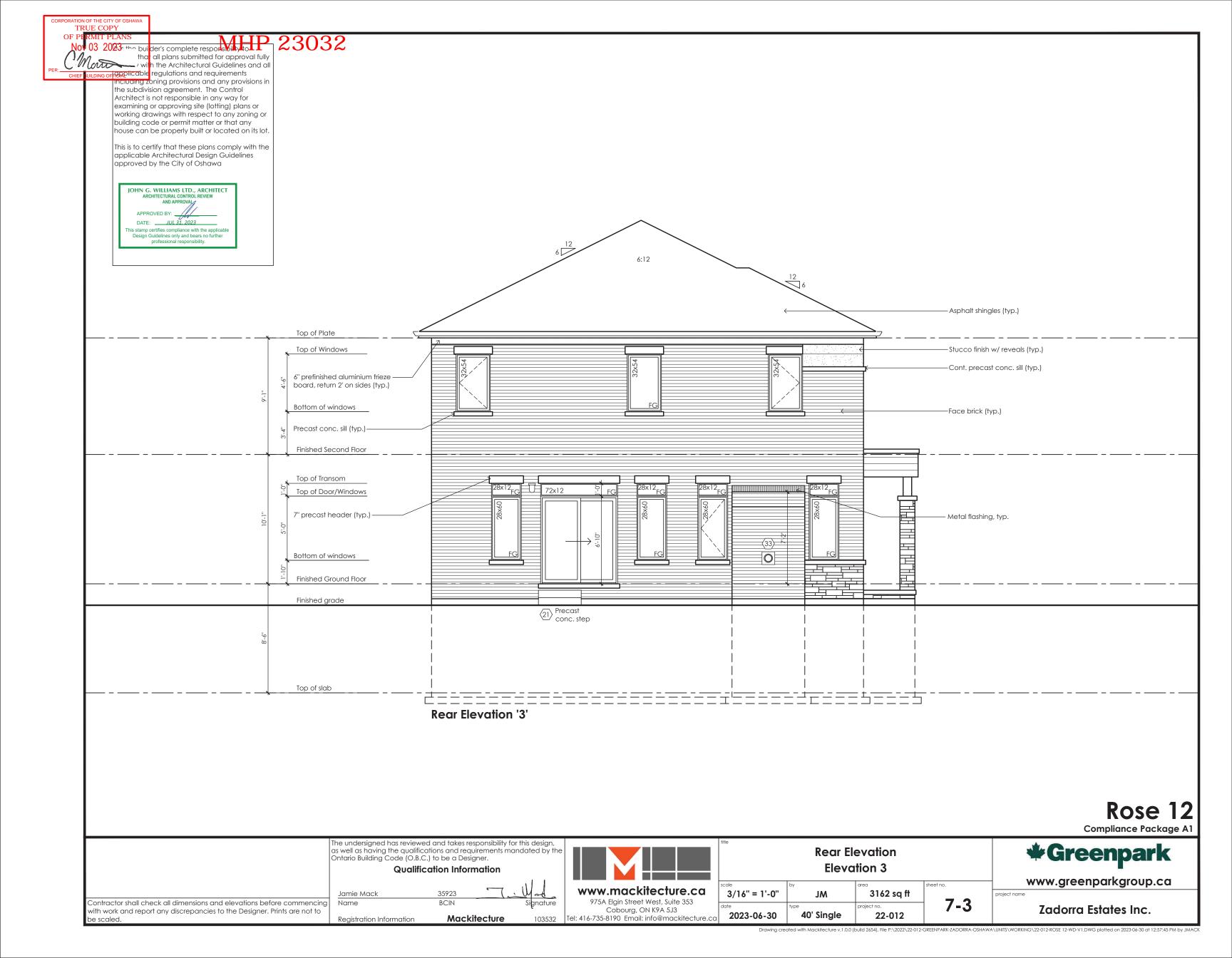


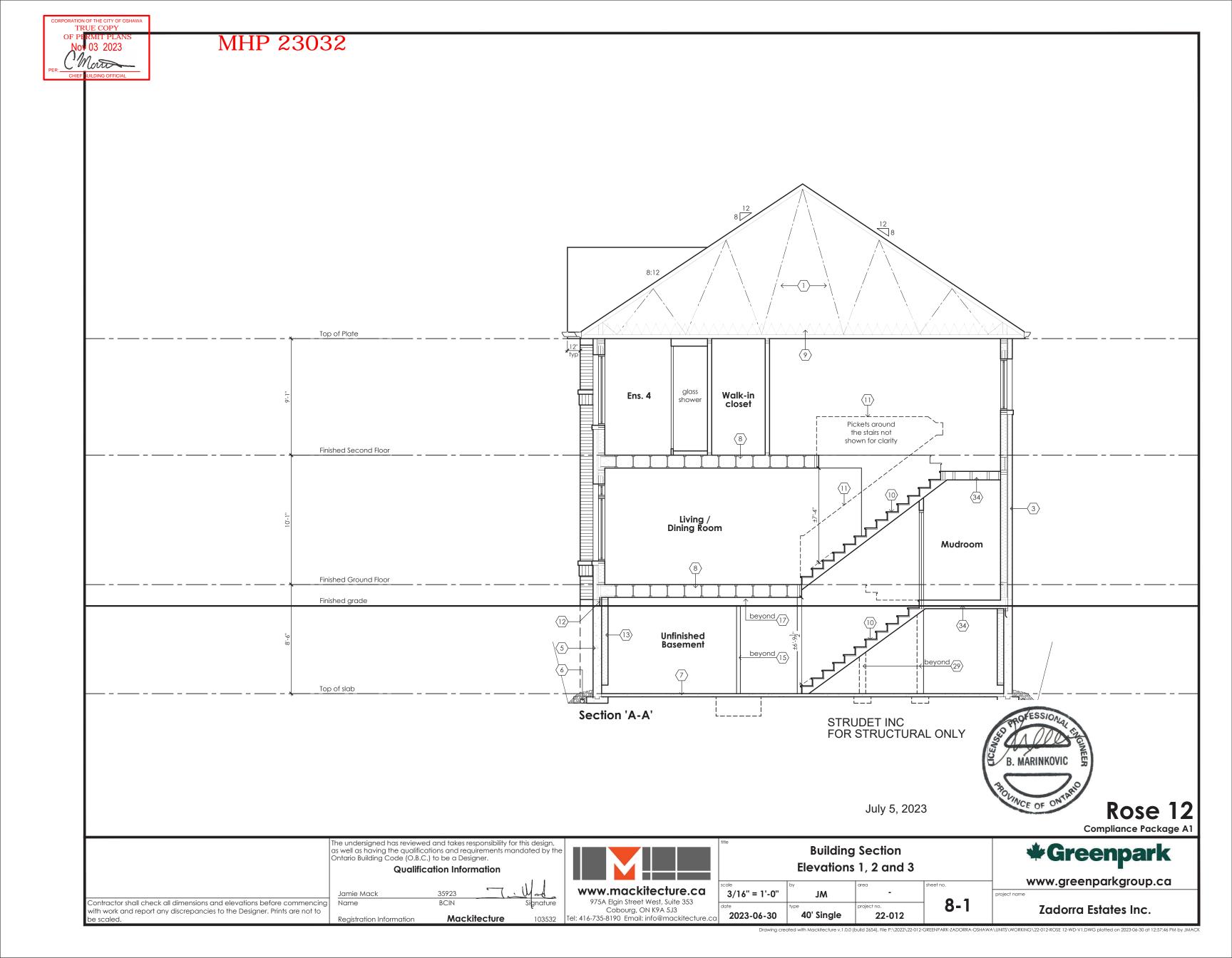


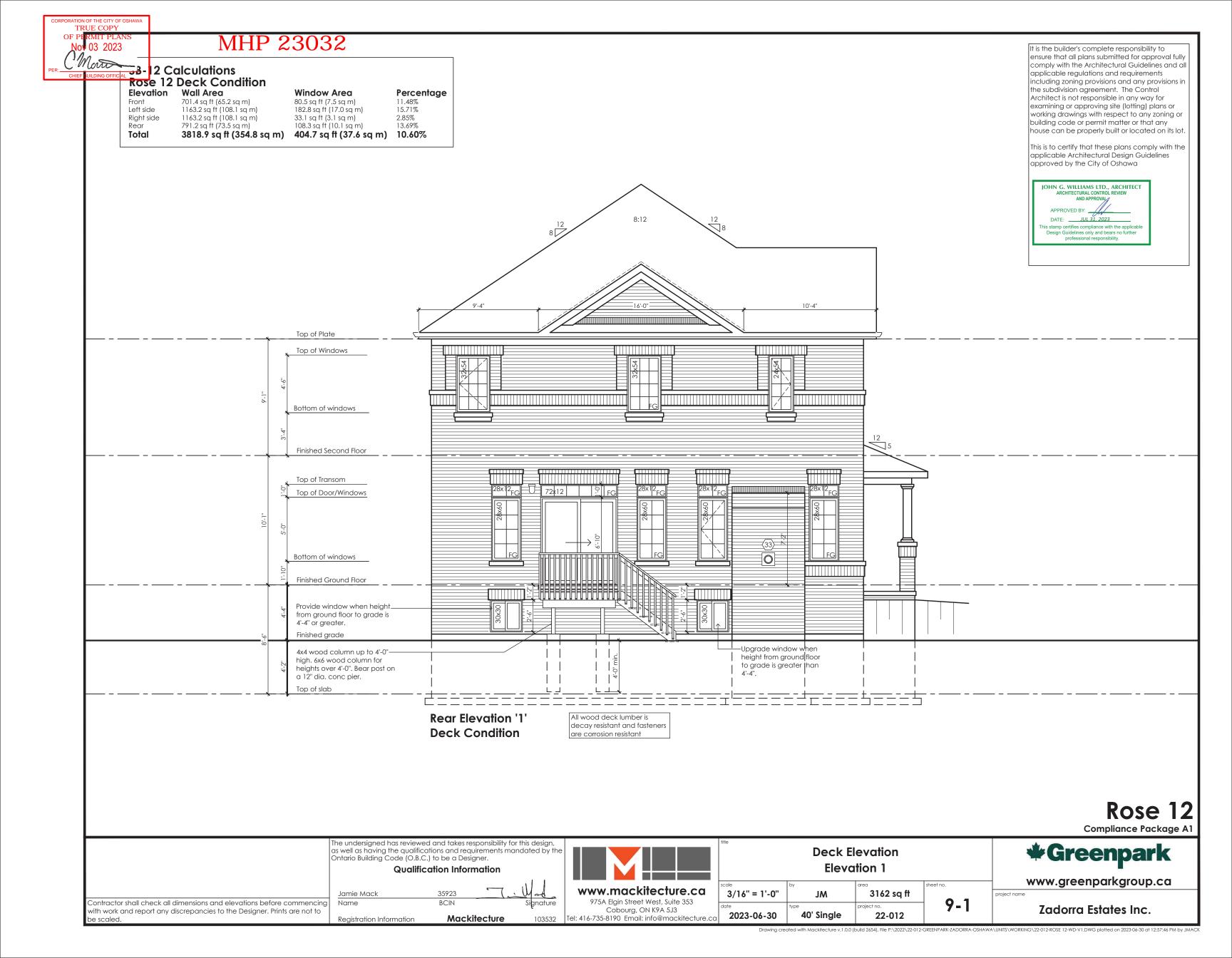


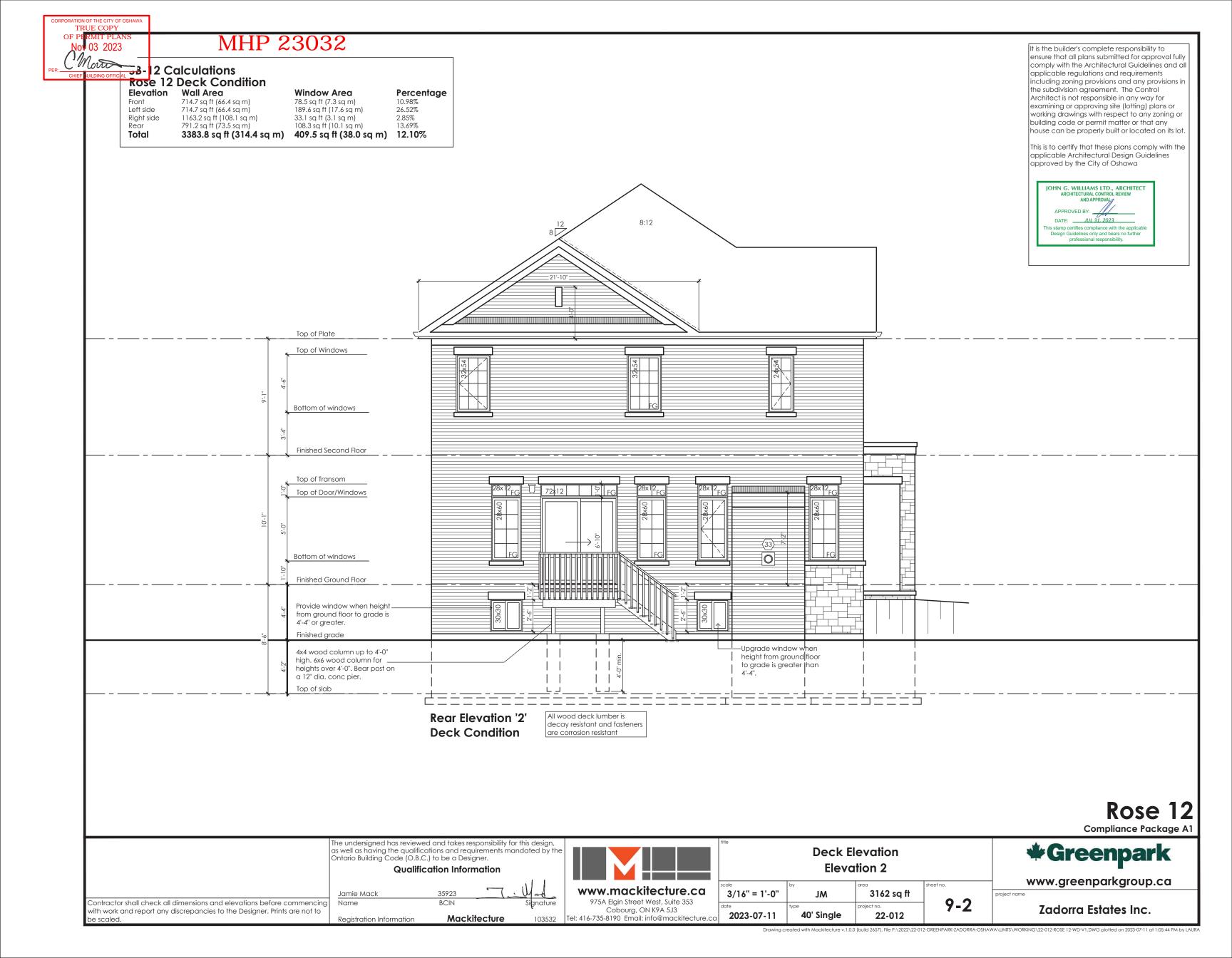


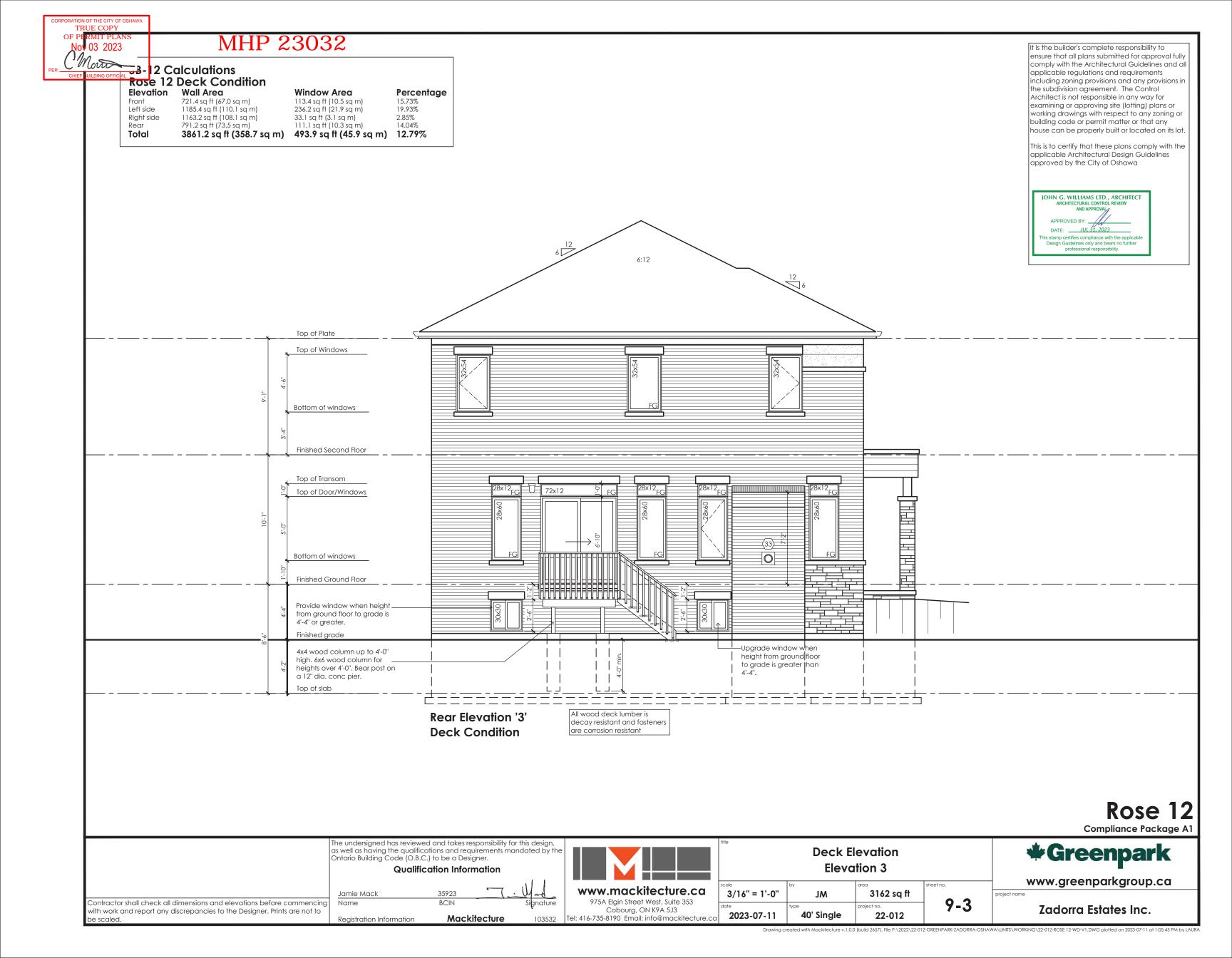


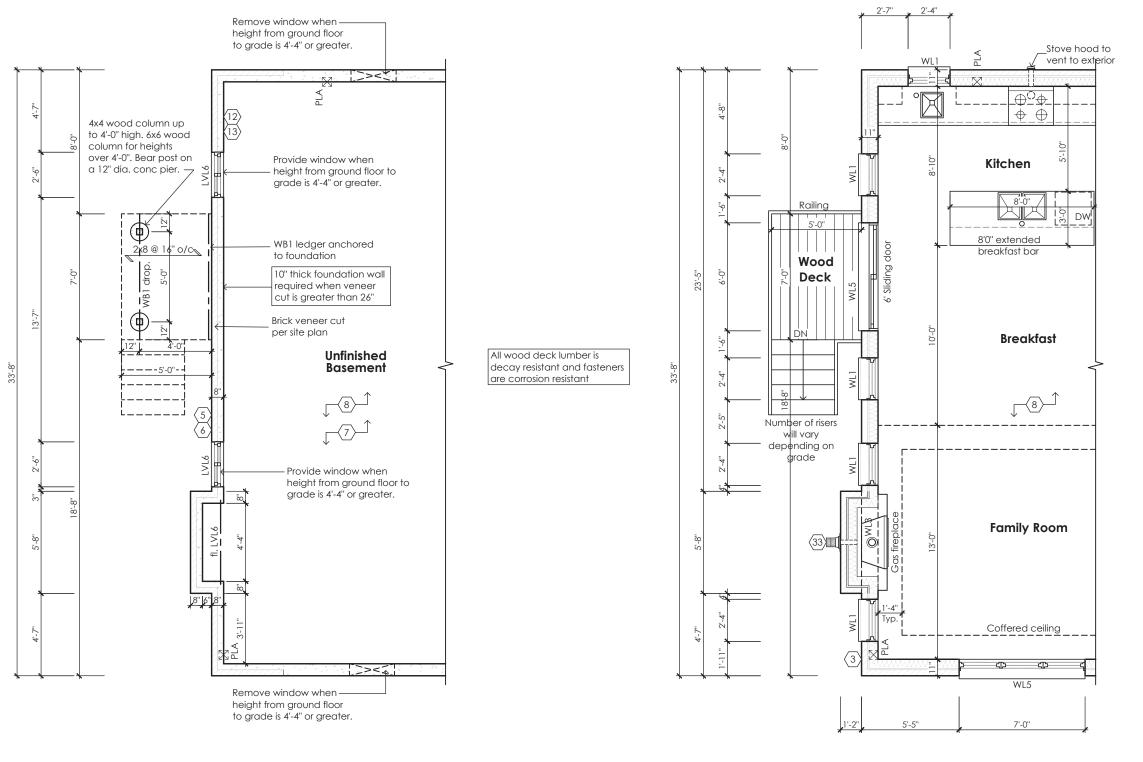






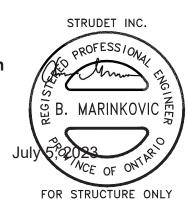






Partial Basement Plan For Deck Condition Elevations '1', '2' and '3'

Partial floor plan For Deck Condition Elevations '1', '2' and '3'



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JOHN G. WILLIAMS LTD., ARCHITECT

AND APPI

DATE: <u>JUL 31, 2023</u>

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Compliance Package A1

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| | www.mackitecture.ca | S |
| | 975A Elgin Street West, Suite 353 | L |
| | Cobourg, ON K9A 5J3 | ٩ |
| | Tel: 416-735-8190 Email: info@mackitecture.ca | |

| | Deck | Plans | | |
|---------------|------------|---------------------------|-----------|-----|
| | Elevations | 1, 2 and 3 | | |
| 3/16" = 1'-0" | JM | area - | sheet no. | pro |
| 2023-06-30 | 40' Single | project no. 22-012 | 9-4 | |
| | | | | |



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