

MHP 23038

Development Services Department
Building Permit and Inspection Services

BUILDING PERMIT PLANS REVIEW	ACCEPTED AS NOTED	
	REVIEWED BY	DATE
ZONING		
PLANNING		
ARCHITECTURAL	CM	Dec 6, 2023
STRUCTURAL		
FIRE		
PLUMBING	CARD	
MECHANICAL		
PLANS REVIEW COMPLETED	CM	Dec 6, 2023

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 REVIEWED FOR ONE (1) DWELLING UNIT. ANY FUTURE CHANGES WILL REQUIRE A SEPARATE BUILDING PERMIT

PLUMBING INSTALLATIONS

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

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

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

FUTURE ALTERATIONS

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

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 PLAN

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 STATUTES AND REGULATIONS OF THE PROVINCE OF ONTARIO AND ALL RELEVANT BY-LAWS OF THE CITY OF OSHAWA AND THE REGIONAL MUNICIPALITY OF DURHAM.

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 ¾ 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

ROOF CEILING INSULATION

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

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:



ELECTRICAL
SAFETY
AUTHORITY

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

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.

ATTIC HATCHES SHALL NOT BE LESS THAN 550mm (21 5/8") 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 150 ON WALLS AND 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.

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 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 101/1.S.2/A440.

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)

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.

2012 OBC DIV. B, 9.8.2.1. to 9.8.4.7. STAIR DIMENSIONS						
STAIR TYPE	MAX. RISE, mm, ALL STEPS	MIN. 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 LIMIT	860	1950
STAIRS THAT SERVE MEZZANINES NOT EXCEEDING 20 m ² WITHIN LIVE/WORK UNITS	NO LIMIT	125	355	NO LIMIT	WIDTH AS PER DIV B 9.8.2.1.(3)	2050
NOTE: THE CURVED EDGES OF TREADS SHALL NOT REDUCE THE REQUIRED TREAD DEPTH BY MORE THAN 15mm AND SHALL NOT EXCEED 25mm HORIZONTALLY.						

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.

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.)

Footings and Semi-Detached Houses up to 2 storeys

For 8" or 10" foundation walls with 2x8 / 2x10 floor joists
20" wide x 6" thick concrete strip footings below foundation walls.
24" wide x 8" thick concrete strip footings below party walls.

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

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 Fill
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 24" x 12"	F4 = 28" x 28" x 12"
F5 = 16" x 16" x 8"	F5 = 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

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

Engineered Floor Joists

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

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

No.	Width	Ceiling Heights 8' to 9' 10' or more	Type
1	2'-10" (34")	6'-8"	8'-0"
1A	2'-8" (32")	6'-8"	8'-0"
2	2'-8" (32")	6'-8"	8'-0"
3	2'-8" (32")	6'-8"	8'-0"
4	2'-8" (32")	6'-8"	8'-0"
5	2'-6" (30")	6'-8"	8'-0"
6	2'-2" (26")	6'-8"	8'-0"
7	1'-6" (18")	6'-8"	8'-0"

Garage Wall - 2x4 Stud Design

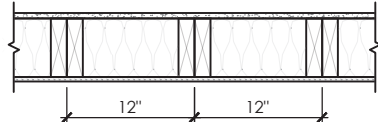
Studs	Spacing	Maximum Height
2x4	16" o/c	8'-0" (2.44m)
2x4	12" o/c	8'-10" (2.69m)
2-2x4	16" o/c	10'-1" (3.07m)
2-2x4	12" o/c	10'-9" (3.28m)
3-2x4	16" o/c	11'-2" (3.40m)
3-2x4	12" o/c	12'-4" (3.76m)

Notes

- 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

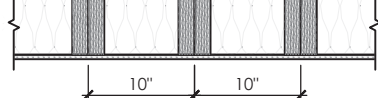
1.5E stud wall nailed together and spaced at 12" o/c full height c/w solid blocking @ 48" o/c vertical and $\frac{7}{16}$ " OSB exterior wall sheathing.



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

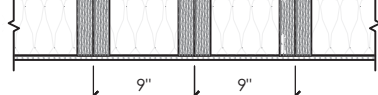
2 - 1 $\frac{1}{2}$ " x 5 $\frac{1}{2}$ " Laminated strand lumber (LSL) 1.5E stud wall glued and nailed together and spaced at 10" o/c full height c/w solid blocking @ 8'-0" o/c vertical and $\frac{7}{16}$ " OSB exterior wall sheathing.



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



Note: 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	= 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" x 3 $\frac{1}{2}$ " x $\frac{3}{16}$ " (102 x 89 x 7.9) [?] +	2 - 2 x 8 (2 - 38 x 184) S.P.F. No. 2
WL3	= 5" x 3 $\frac{1}{2}$ " x $\frac{3}{16}$ " (127 x 89 x 7.9) [4] +	2 - 2 x 10 (2 - 38 x 235) S.P.F. No. 2
WL4	= 6" x 3 $\frac{1}{2}$ " x $\frac{3}{16}$ " (152 x 89 x 9.5) [?] +	2 - 2 x 12 (2 - 38 x 286) S.P.F. No. 2
WL5	= 6" x 4" x $\frac{3}{8}$ " (152 x 102 x 9.5) [?] +	2 - 2 x 12 (2 - 38 x 286) S.P.F. No. 2
WL6	= 5" x 3 $\frac{1}{2}$ " x $\frac{3}{16}$ " (127 x 89 x 7.9) [4] +	2 - 2 x 12 (2 - 38 x 286) S.P.F. No. 2
WL7	= 5" x 3 $\frac{1}{2}$ " x $\frac{3}{16}$ " (127 x 89 x 7.9) [4] +	3 - 2 x 10 (3 - 38 x 235) S.P.F. No. 2
WL8	= 5" x 3 $\frac{1}{2}$ " x $\frac{3}{16}$ " (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 $\frac{3}{8}$ " (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

Laminated Veneer Lumber (LVL) Beams

Label	Beam Size (members + w + h)
LVL1A	= 1 - 1 $\frac{3}{4}$ " x 7 $\frac{1}{2}$ " (1 - 45 x 184)
LVL1	= 2 - 1 $\frac{3}{4}$ " x 7 $\frac{1}{2}$ " (2 - 45 x 184)
LVL2	= 3 - 1 $\frac{3}{4}$ " x 7 $\frac{1}{2}$ " (3 - 45 x 184)
LVL3	= 4 - 1 $\frac{3}{4}$ " x 7 $\frac{1}{2}$ " (4 - 45 x 184)
LVL4A	= 1 - 1 $\frac{3}{4}$ " x 9 $\frac{1}{2}$ " (1 - 45 x 240)
LVL4	= 2 - 1 $\frac{3}{4}$ " x 9 $\frac{1}{2}$ " (2 - 45 x 240)
LVL5	= 3 - 1 $\frac{3}{4}$ " x 9 $\frac{1}{2}$ " (3 - 45 x 240)
LVL5A	= 4 - 1 $\frac{3}{4}$ " x 9 $\frac{1}{2}$ " (4 - 45 x 240)
LVL6A	= 1 - 1 $\frac{3}{4}$ " x 11 $\frac{1}{8}$ " (1 - 45 x 300)
LVL6	= 2 - 1 $\frac{3}{4}$ " x 11 $\frac{1}{8}$ " (2 - 45 x 300)
LVL7	= 3 - 1 $\frac{3}{4}$ " x 11 $\frac{1}{8}$ " (3 - 45 x 300)
LVL7A	= 4 - 1 $\frac{3}{4}$ " x 11 $\frac{1}{8}$ " (4 - 45 x 300)
LVL8	= 2 - 1 $\frac{3}{4}$ " x 14" (2 - 45 x 356)
LVL9	= 3 - 1 $\frac{3}{4}$ " x 14" (3 - 45 x 356)
LVL9A	= 2 - 1 $\frac{3}{4}$ " x 16" (2 - 45 x 406)
LVL9B	= 3 - 1 $\frac{3}{4}$ " x 16" (3 - 45 x 406)
LVL10	= 2 - 1 $\frac{3}{4}$ " x 18" (2 - 45 x 456)

Loose Steel Lintels

Label	Steel Size (v x h x t)
L1	= 3 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ " x $\frac{1}{4}$ " (89 x 89 x 6.4) [2]
L2	= 4" x 3 $\frac{1}{2}$ " x $\frac{3}{16}$ " (102 x 89 x 7.9) [?]
L3	= 5" x 3 $\frac{1}{2}$ " x $\frac{3}{16}$ " (127 x 89 x 7.9) [4]
L4	= 6" x 3 $\frac{1}{2}$ " x $\frac{3}{16}$ " (152 x 89 x 9.5) [?]
L5	= 6" x 4" x $\frac{3}{8}$ " (152 x 102 x 9.5) [?]
L6	= 7" x 4" x $\frac{3}{8}$ " (178 x 102 x 9.5) [?]

Glue-Laminated Floor Beams

Label	Beam Size (w x h)
GLU1	= 3 $\frac{1}{8}$ " x 11 $\frac{7}{8}$ " (80 x 300)
GLU2	= 5 $\frac{1}{8}$ " x 11 $\frac{7}{8}$ " (130 x 300)

Minimum Thermal Performance

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

Prescriptive Package A1

Space Heating Fuel Gas

Component	R Max. Nominal	Max. U	R 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

Edge of Below Grade Slab
<= 600 mm Below Grade

Windows and Sliding Glass Doors	Energy rating: 25	Max. U: 0.28
Skylights	Max. U: 0.49	
Space Heating Equipment	Min. AFAU: 96%	
HRV	Min. SRE: 75%	
Domestic Water Heater	Min. EF: 0.80	

Area Calculations Villa 11-1

Ground Floor	1372 sq ft, 127.46 sq m
Second Floor	1562 sq ft, 145.11 sq m
Total floor area	2934 sq ft, 272.58 sq m

Total open to below	18 sq ft, 1.67 sq m
Finished basement	0 sq ft, 0.00 sq m
Total gross floor area	2952 sq ft, 274.25 sq m

Coverage Areas	
Ground floor	1372 sq ft, 127.46 sq m
Garage	327 sq ft, 30.38 sq m
Porch	73 sq ft, 6.78 sq m
Other structures	0 sq ft, 0.00 sq m
Coverage w/o porch	1699 sq ft, 157.84 sq m
Coverage w/ porch	1772 sq ft, 164.62 sq m

Area Calculations Villa 11-2

Ground Floor	1372 sq ft, 127.46 sq m
Second Floor	1548 sq ft, 143.81 sq m
Total floor area	2920 sq ft, 271.28 sq m

Total open to below	18 sq ft, 1.67 sq m
Finished basement	0 sq ft, 0.00 sq m
Total gross floor area	2938 sq ft, 272.95 sq m

Coverage Areas	
Ground floor	1372 sq ft, 127.46 sq m
Garage	327 sq ft, 30.38 sq m
Porch	73 sq ft, 6.78 sq m
Other structures	0 sq ft, 0.00 sq m
Coverage w/o porch	1699 sq ft, 157.84 sq m
Coverage w/ porch	1772 sq ft, 164.62 sq m

Area Calculations Villa 11-3

Ground Floor	1352 sq ft, 125.60 sq m
Second Floor	1556 sq ft, 144.56 sq m
Total floor area	2908 sq ft, 270.16 sq m

Total open to below	18 sq ft, 1.67 sq m
Finished basement	0 sq ft, 0.00 sq m
Total gross floor area	2926 sq ft, 271.83 sq m

Coverage Areas	
Ground floor	1352 sq ft, 125.60 sq m
Garage	326 sq ft, 30.29 sq m
Porch	88 sq ft, 8.18 sq m
Other structures	0 sq ft, 0.00 sq m
Coverage w/o porch	1678 sq ft, 155.89 sq m
Coverage w/ porch	1766 sq ft, 164.07 sq m

SB-12 Calculations Villa 11-1

Elevation	Wall Area	Window Area	Percentage
Front	749.5 sq ft (69.6 sq m)	82.7 sq ft (7.7 sq m)	11.04%
Left side	1128.5 sq ft (104.8 sq m)	85.5 sq ft (7.9 sq m)	7.58%
Right side	1112.5 sq ft (103.4 sq m)	29.5 sq ft (2.7 sq m)	2.65%
Rear	725.0 sq ft (67.4 sq m)	95.3 sq ft (8.9 sq m)	13.15%
Total	3715.6 sq ft (345.2 sq m)	293.1 sq ft (27.2 sq m)	7.89%

SB-12 Calculations Villa 11-2

Elevation	Wall Area	Window Area	Percentage
Front	744.7 sq ft (69.2 sq m)	83.1 sq ft (7.7 sq m)	11.15%
Left side	1114.0 sq ft (103.5 sq m)	83.5 sq ft (7.8 sq m)	7.49%
Right side	1112.5 sq ft (103.4 sq m)	29.5 sq ft (2.7 sq m)	2.65%
Rear	725.0 sq ft (67.4 sq m)	87.8 sq ft (8.2 sq m)	12.11%
Total	3696.2 sq ft (343.4 sq m)	283.9 sq ft (26.4 sq m)	7.68%

SB-12 Calculations Villa 11-3

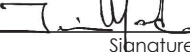
Elevation	Wall Area	Window Area	Percentage
Front	774.9 sq ft (72.0 sq m)	93.7 sq ft (8.7 sq m)	12.09%
Left side	1145.9 sq ft (106.5 sq m)	89.9 sq ft (8.4 sq m)	7.85%
Right side	1112.5 sq ft (103.4 sq m)	29.5 sq ft (2.7 sq m)	2.65%
Rear	742.1 sq ft (68.9 sq m)	93.7 sq ft (8.7 sq m)	12.62%
Total	3775.5 sq ft (350.8 sq m)	306.8 sq ft (28.5 sq m)	8.13%

Revisions			
#	Description	Date	By
1.	Issued for client review	2023-06-01	JM
2.	Revised to match brochure	2023-06-02	JM
3.	Issued for p. eng. review	2023-06-21	JM
4.	Issued for permit	2023-07-11	LM

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

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

Qualification Information

Jamie Mack	35923	
Name	BCIN	Signature
Registration Information	Mackitecture	103532



www.mackitecture.ca

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

General Notes and Charts Elevation 1

scale	by	area	sheet no.
	JM	-	0
date	type	project no.	
2023-07-11	36' Single	22-012	



www.greenparkgroup.ca

project name
Zadorra Estates Inc.

MHP 23038

45 minute fire rated wall assembly

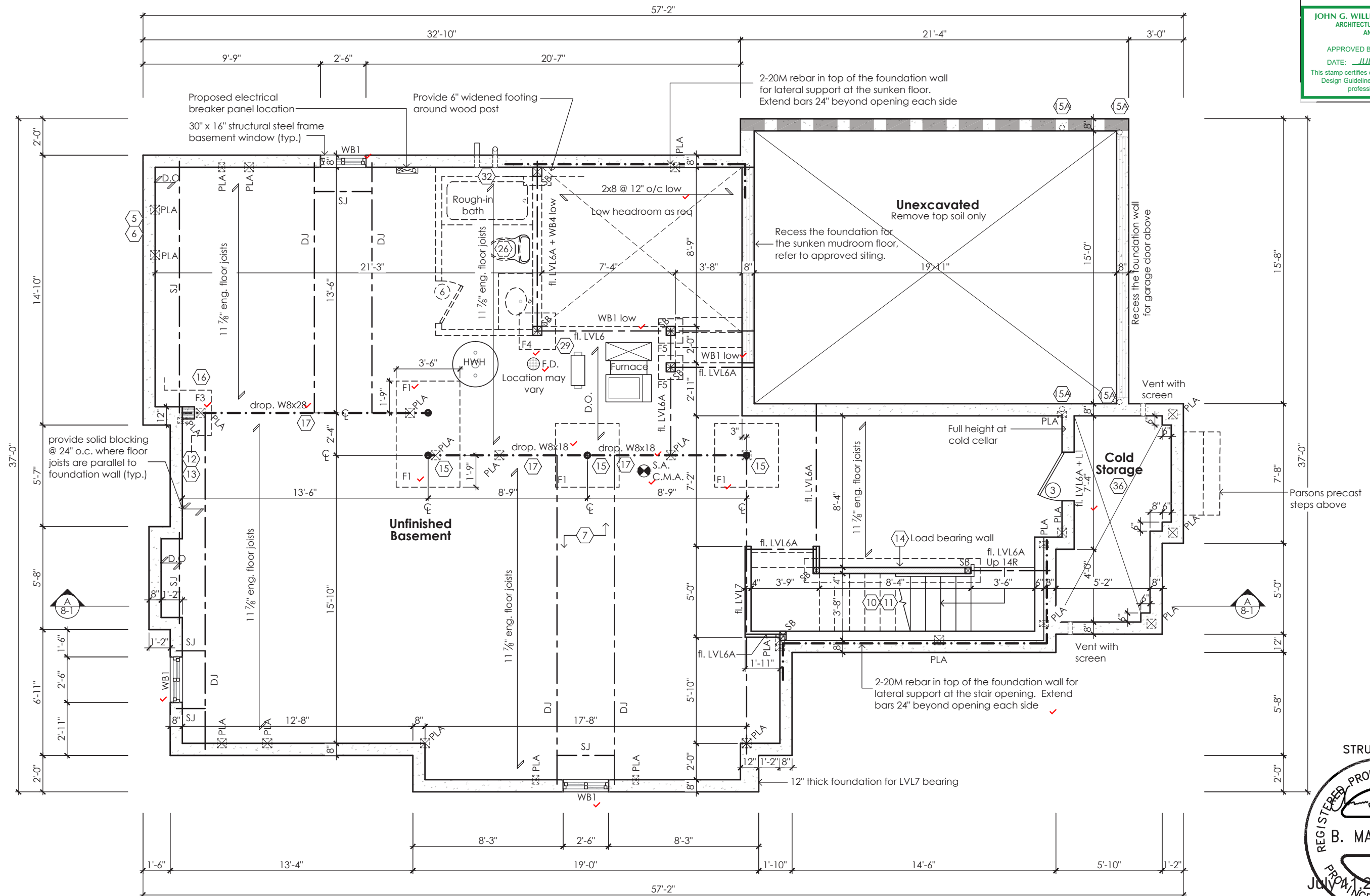
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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVAL

APPROVED BY: 
DATE: JUL 31, 2023

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



Basement Plan '1'

STRUDET INC.



FOR STRUCTURE ONLY

Villa 11

Compliance Package A1

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

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

Qualification Information

Jamie Mack 35923
Name BCIN
Registration Information Mackitecture 103532



www.mackitecture.ca

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

Basement Floor Plan
Elevation 1

scale 3/16" = 1'-0"
date 2023-07-11
by JM
type 36' Single
area 2952 sq ft
project no. 22-012
sheet no. 1-1

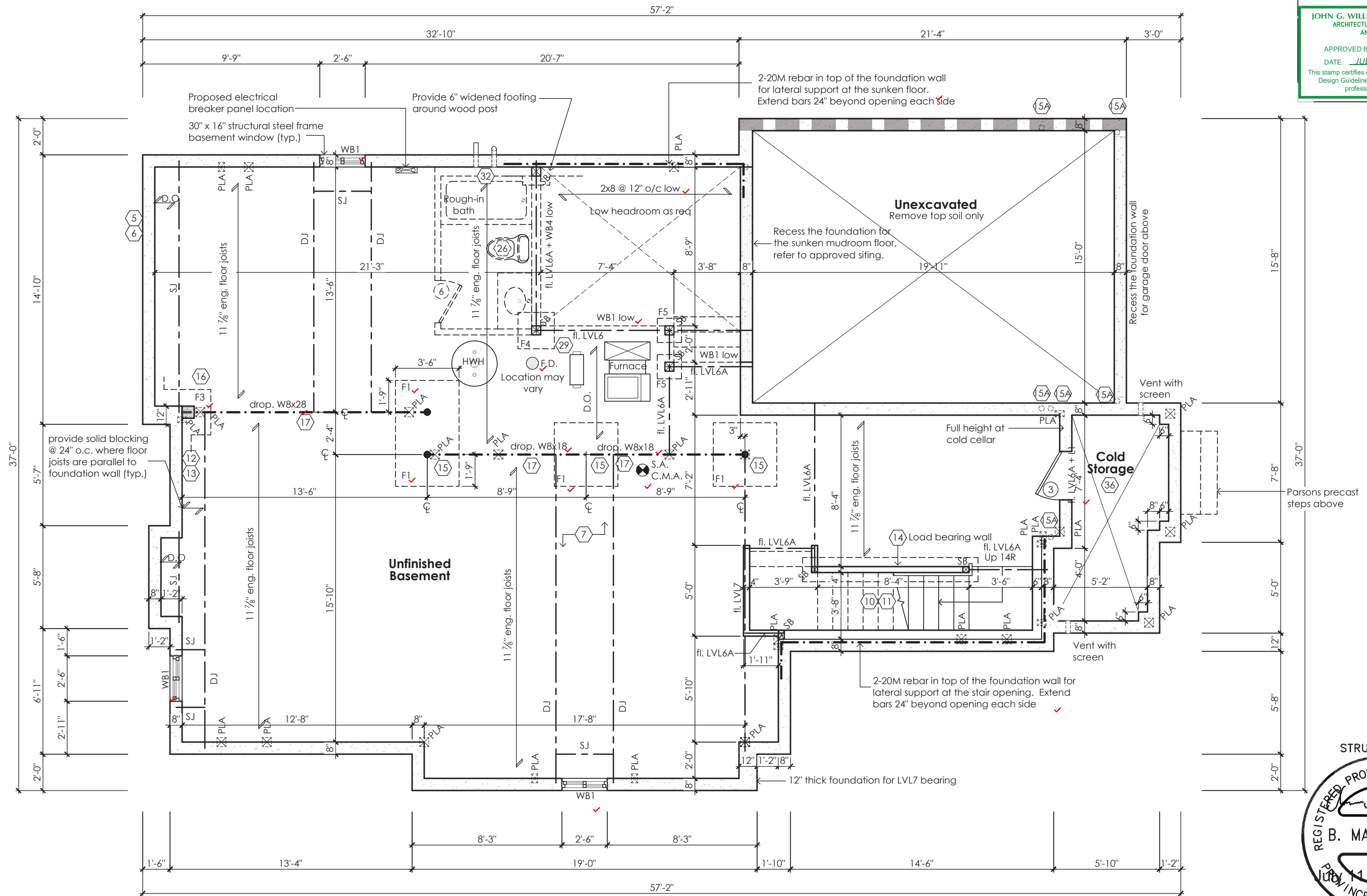


www.greenparkgroup.ca

project name
Zadorra Estates Inc.

MHP 23038

45 minute fire rated wall assembly



Basement Plan '2'

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVAL
APPROVED BY: 
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STRUDET INC.
REGISTERED PROFESSIONAL ENGINEER
B. MARINKOVIC
JUL 11 2023
PROVINCE OF ONTARIO

FOR STRUCTURE ONLY

Villa 11
Compliance Package A1

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Registration Information Mackitecture 103532


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Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

Basement Floor Plan
Elevation 2

scale 3/16" = 1'-0"
date 2023-07-11
by JM
type 36' Single
area 2938 sq ft
project no. 22-012

sheet no. 1-2


www.greenparkgroup.ca

project name Zadorra Estates Inc.

MHP 23038

45 minute fire rated wall assembly

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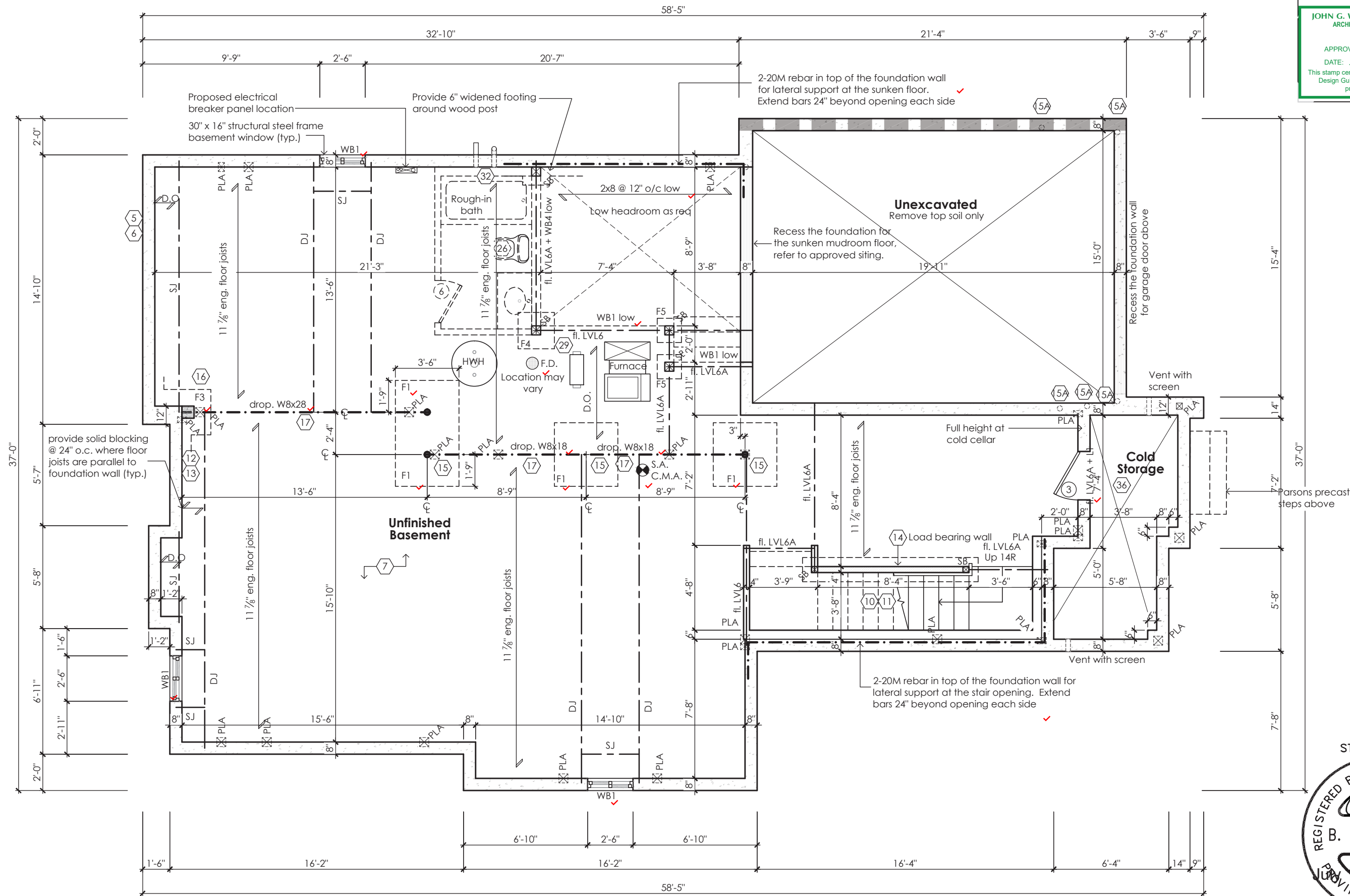
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ARCHITECTURAL CONTROL REVIEW
AND APPROVAL

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Basement Plan '3'

STRUDET INC.



FOR STRUCTURE ONLY

Villa 11

Compliance Package A1

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Qualification Information

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Name BCIN Signature
Registration Information Mackitecture 103532



www.mackitecture.ca

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Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

Title

Basement Floor Plan
Elevation 3

scale 3/16" = 1'-0"
date 2023-07-11
by JM
type 36' Single
area 2926 sq ft
project no. 22-012
sheet no. 1-3



www.greenparkgroup.ca

project name


Zadorra Estates Inc.

MHP 23038

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

APPROVED BY: 
DATE: JUL 31, 2023

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**UNOBSTRUCTED
PARKING SPACE**
2.75m x 5.75m
Max 2 Risers

Provide Simpson Strong-Tie
connector for beam and
post connection, typical

PT 6x6 A post full height
faster 8-1.5 the roof framing
above and tie to the porch
slab with a galv. metal post
base. See elevations for
column finish.

STRUDET INC.



FOR STRUCTURE ONLY

Villa 11

Compliance Package A1

 **Greenpark**

www.greenparkgroup.ca

project name

Zadorra Estates Inc.

**Detail A: 8" Coffered Ceiling
and Window Design**

Ground Floor Plan '1'

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

Qualification Information

Jamie Mack 35923
Name BCIN
Registration Information **Mackitecture** 103532



www.mackitecture.ca

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

**Ground Floor Plan
Elevation 1**

scale **3/16" = 1'-0"** by **JM** area **2952 sq ft** sheet no. **2-1**
date **2023-07-11** type **36' Single** project no. **22-012**

MHP 23038

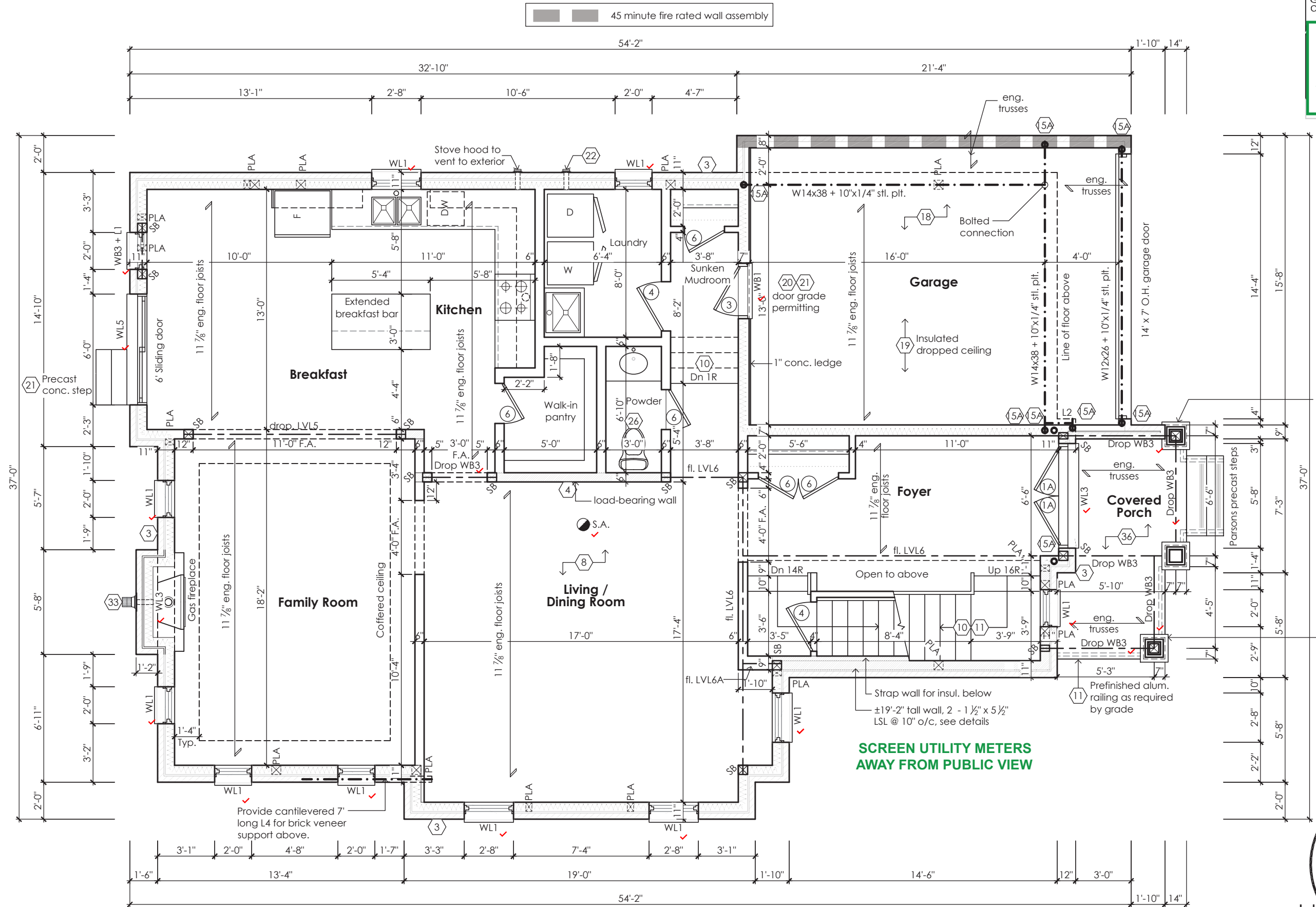
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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVAL

APPROVED BY: 
DATE: JUL 31, 2023

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Provide Simpson Strong-Tie connector for beam and post connection, typical

PT 6x6 wood post full height fastened to the roof framing above and the to the porch slab with a galv. metal post base. See elevations for column finish.

STRUDET INC.



FOR STRUCTURE ONLY

Villa 11

Compliance Package A1

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Name BCIN Signature
Registration Information Mackitecture 103532



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975A Elgin Street West, Suite 353
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Tel: 416-735-8190 Email: info@mackitecture.ca

Ground Floor Plan Elevation 2

scale	3/16" = 1'-0"	by	JM	area	2938 sq ft	sheet no.	2-2
date	2023-07-11	type	36' Single	project no.	22-012		



www.greenparkgroup.ca

project name
Zadorra Estates Inc.

MHP 23038

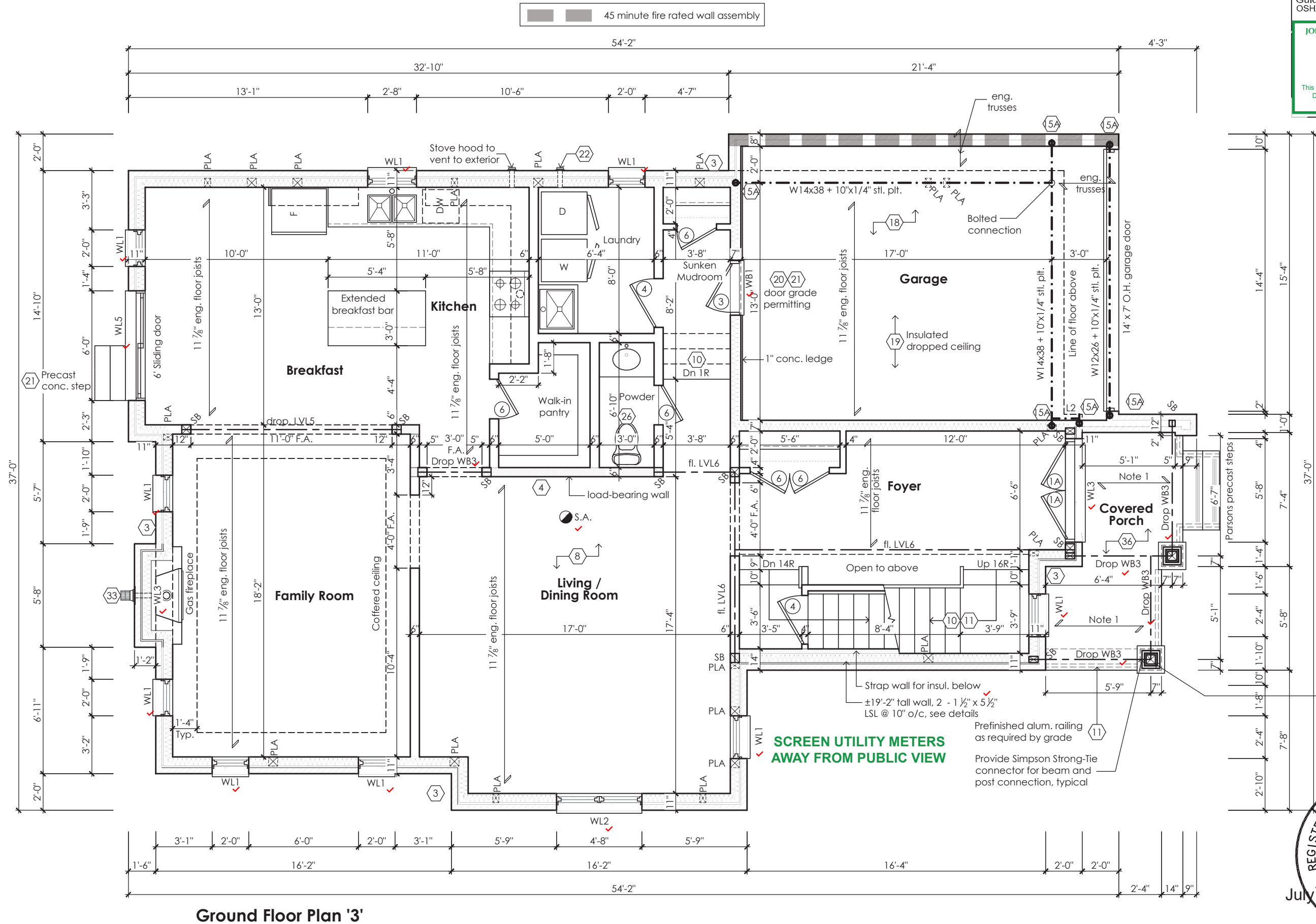
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ARCHITECTURAL CONTROL REVIEW
AND APPROVAL

APPROVED BY:
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note 1:
flat roof framing (typ.)
2"x8" @ 12" o.c. p.t. clg. jst. w/
2"x4" @ 12" o.c. p.t. diagonally
cut cross purlins w/ 5/8" exterior
grade sheathing + single ply
roof membrane (slope to drain)

PT 6x6 wood post full height
fastened to the roof framing
above and the to the porch slab
with a galv. metal post base.
See elevations for column finish.

STRUDET INC.



FOR STRUCTURE ONLY

Villa 11

Compliance Package A1

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Registration Information Mackitecture 103532

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

**Ground Floor Plan
Elevation 3**

scale 3/16" = 1'-0"	by JM	area 2926 sq ft	sheet no. 2-3
date 2023-07-11	type 36' Single	project no. 22-012	

www.greenparkgroup.ca


project name
Zadorra Estates Inc.

MHP 23038

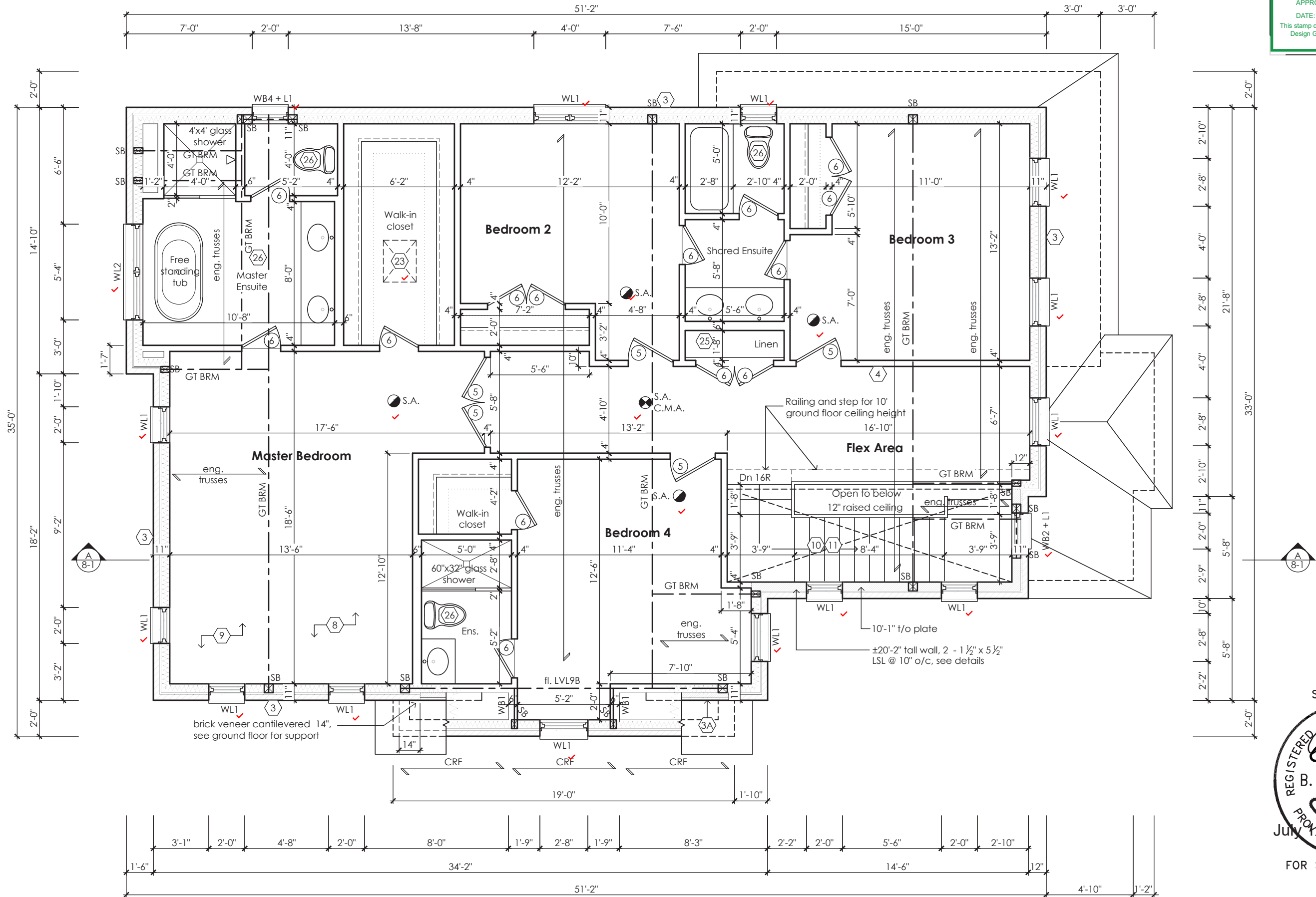
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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVAL

APPROVED BY: 
DATE: JUL 31, 2023

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Second Floor Plan '1'

STRUDET INC.
REGISTERED PROFESSIONAL ENGINEER
B. MARINKOVIC
PROX 2023
JUL 11 2023
PROVINCE OF ONTARIO

FOR STRUCTURE ONLY

Villa 11

Compliance Package A1

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Qualification Information

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Name BCIN
Registration Information Mackitecture 103532



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

Second Floor Plan
Elevation 1

scale 3/16" = 1'-0"
date 2023-07-11
by JM
type 36' Single
area 2952 sq ft
project no. 22-012
sheet no. 3-1



www.greenparkgroup.ca

project name
Zadorra Estates Inc.

MHP 23038

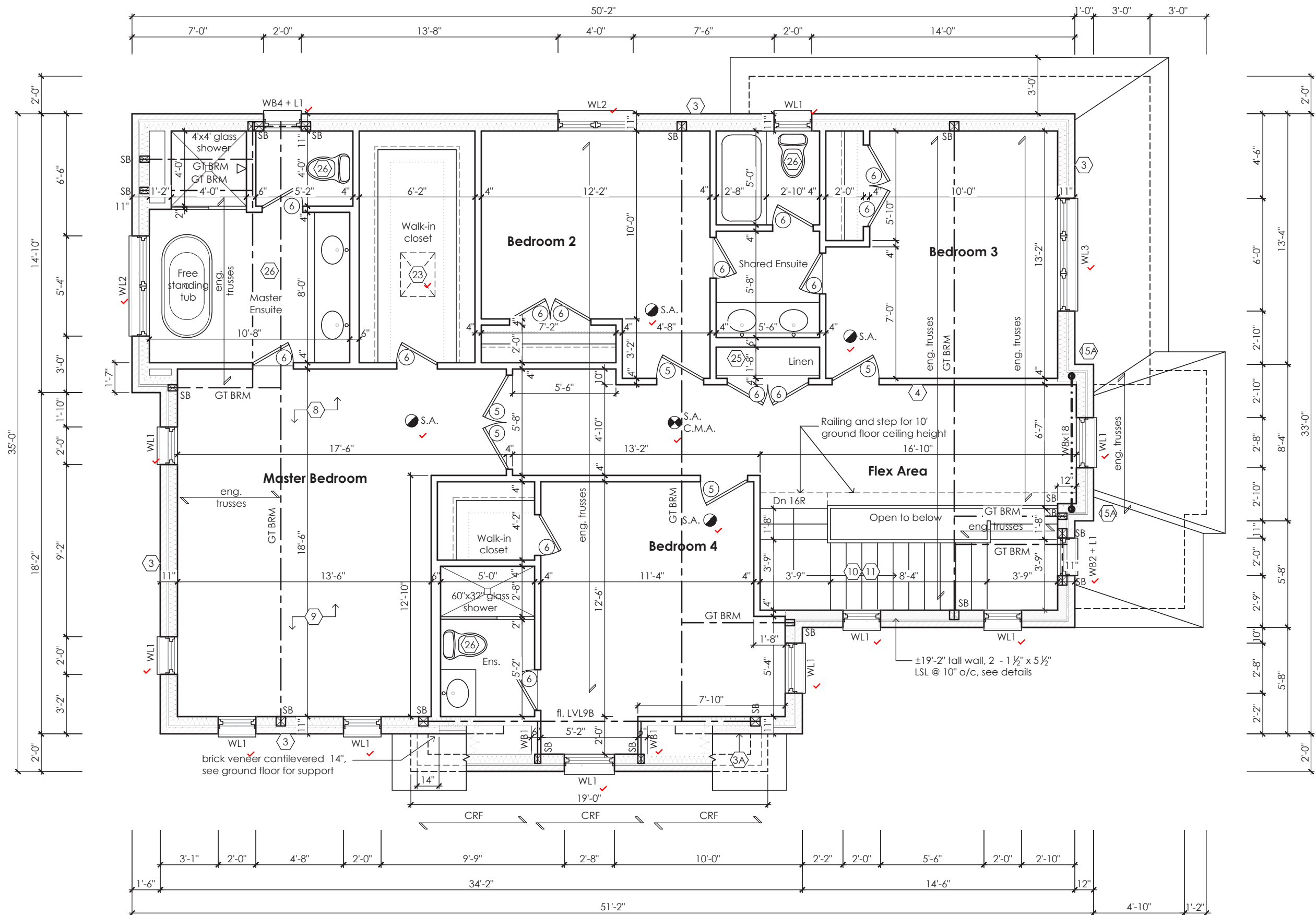
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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVAL

APPROVED BY: *[Signature]*
DATE: JUL 31, 2023

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Second Floor Plan '2'

STRUDET INC.
REGISTERED PROFESSIONAL ENGINEER
B. MARINKOVIC
PROFESSIONAL ENGINEER
JULY 11, 2023
PROFESSIONAL ENGINEER
FOR STRUCTURE ONLY

Villa 11
Compliance Package A1

Greenpark
www.greenparkgroup.ca

project name
Zadorra Estates Inc.

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Qualification Information

Jamie Mack 35923
Name BCIN Signature
Registration Information Mackitecture 103532

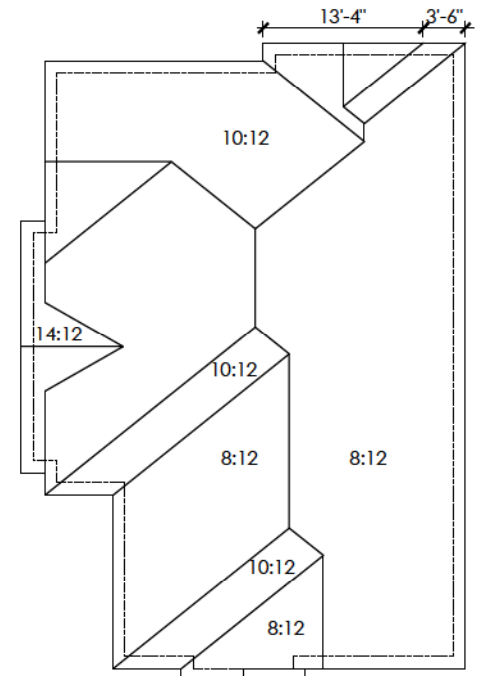
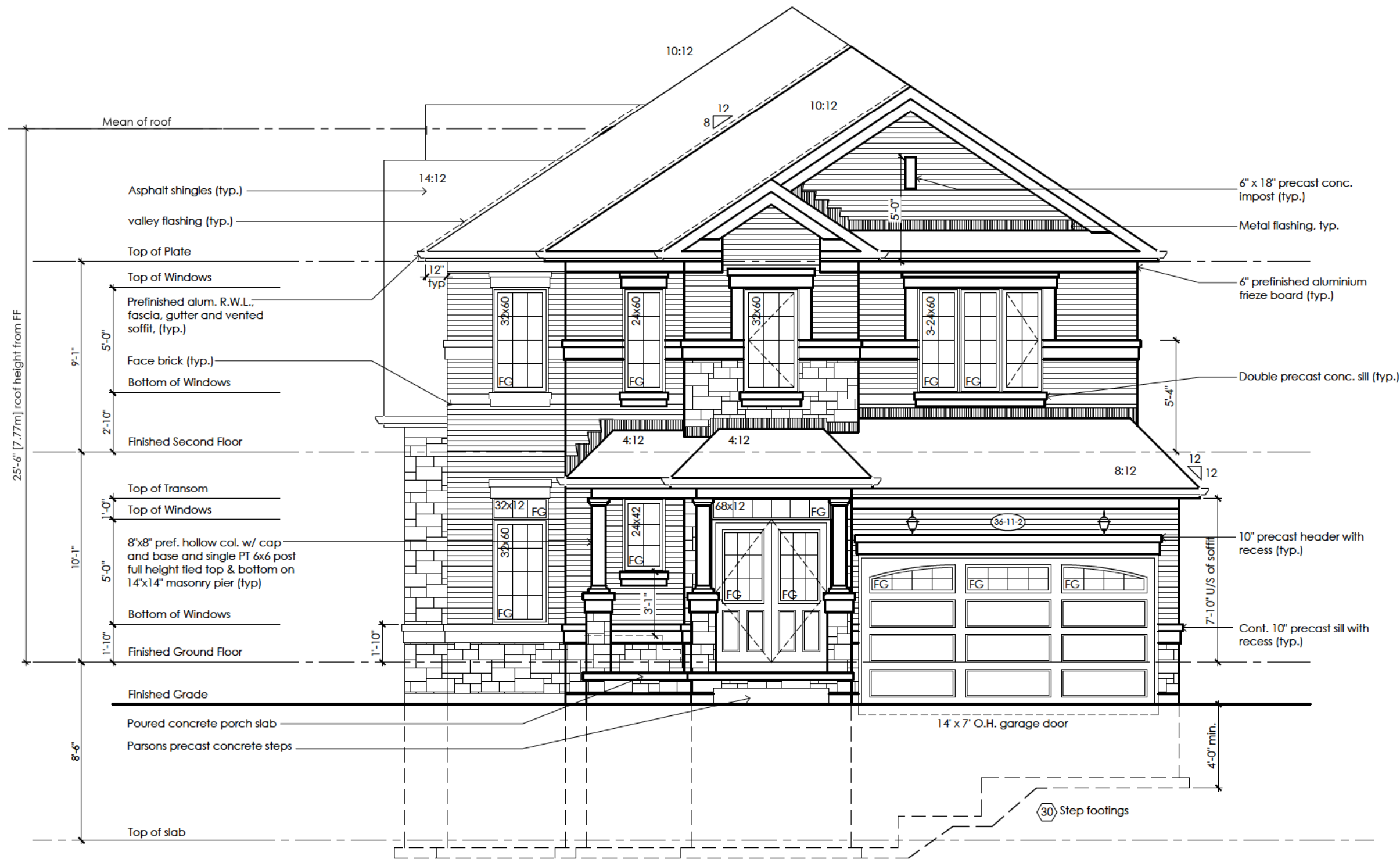


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Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

Second Floor Plan
Elevation 2

scale 3/16" = 1'-0"
by JM
area 2938 sq ft
date 2023-07-11
type 36' Single
project no. 22-012
sheet no. 3-2

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



Roof Plan '2'

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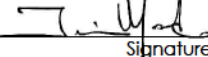
Villa 11

Compliance Package A1

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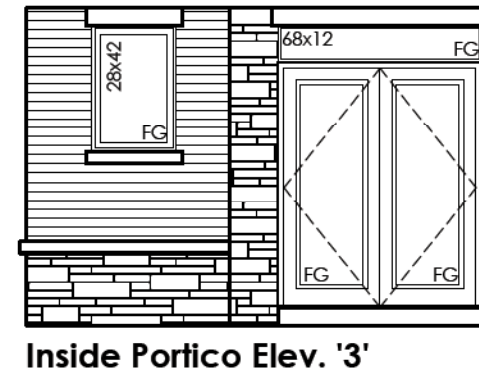
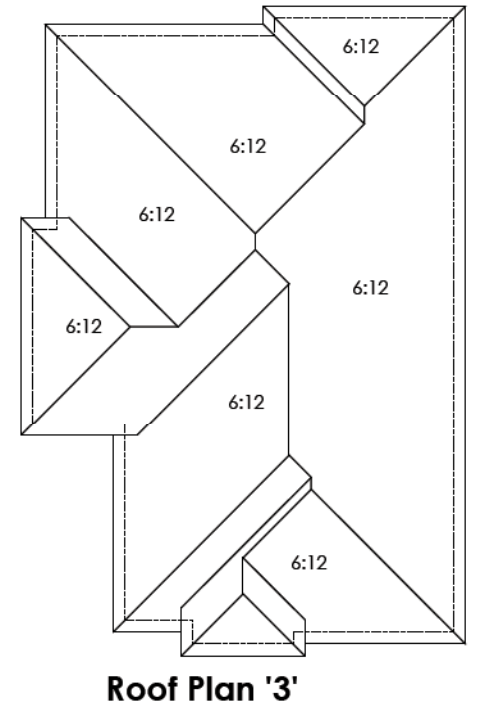
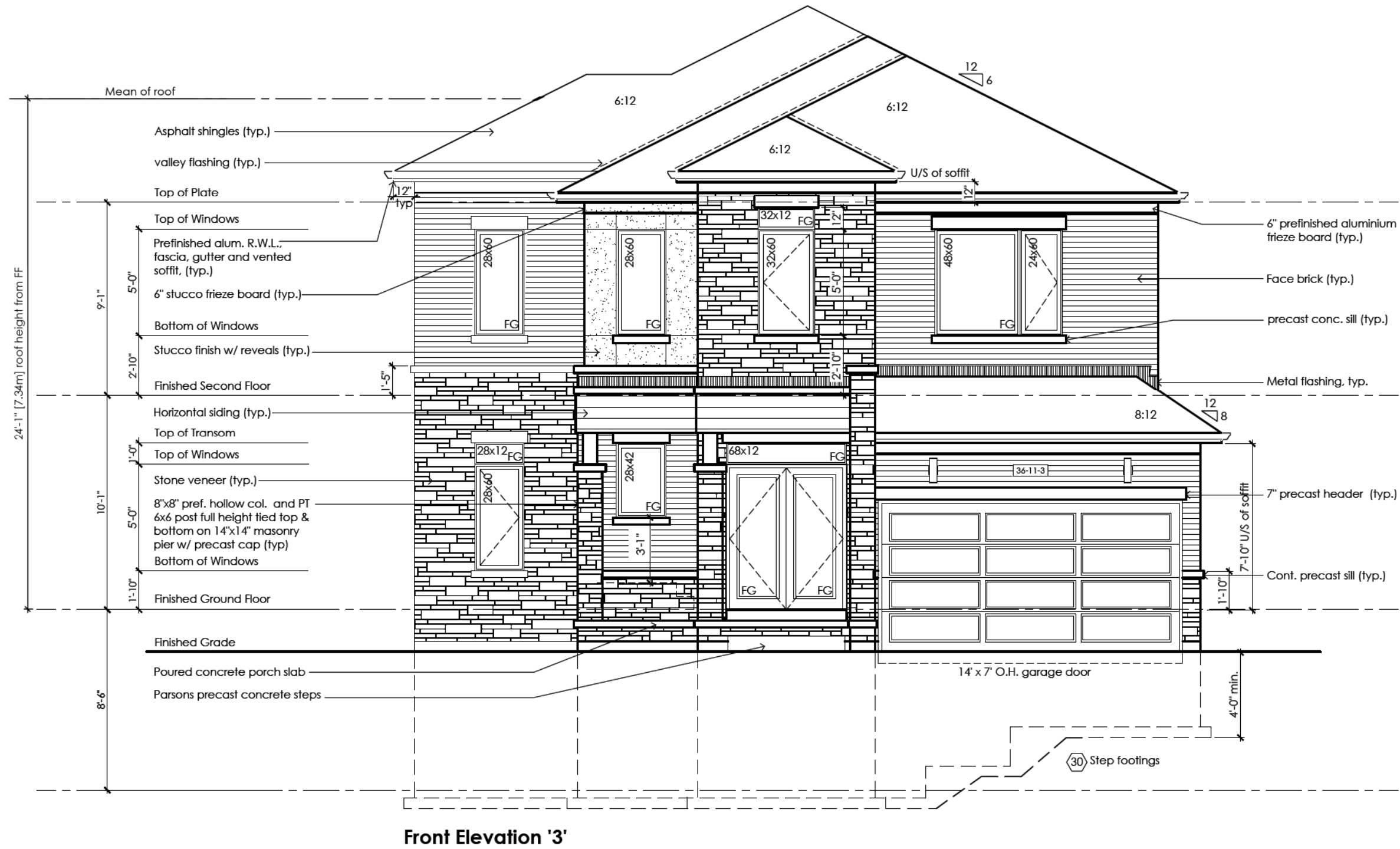
title

Front Elevation Elevation 2

scale	by	area	sheet no.
3/16" = 1'-0"	JM	2938 sq ft	4-2
date	type	project no.	
2023-07-11	36' Single	22-012	


www.greenparkgroup.ca

project name
Zadorra Estates Inc.



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Villa 11

Compliance Package A1



project name
Zadorra Estates Inc.

Front Elevation Elevation 3

scale 3/16" = 1'-0"	by JM	area 2926 sq ft	sheet no. 4-3
date 2023-07-11	type 36' Single	project no. 22-012	

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Qualification Information

Jamie Mack 35923
Name BCIN Signature

Registration Information **Mackitecture** 103532



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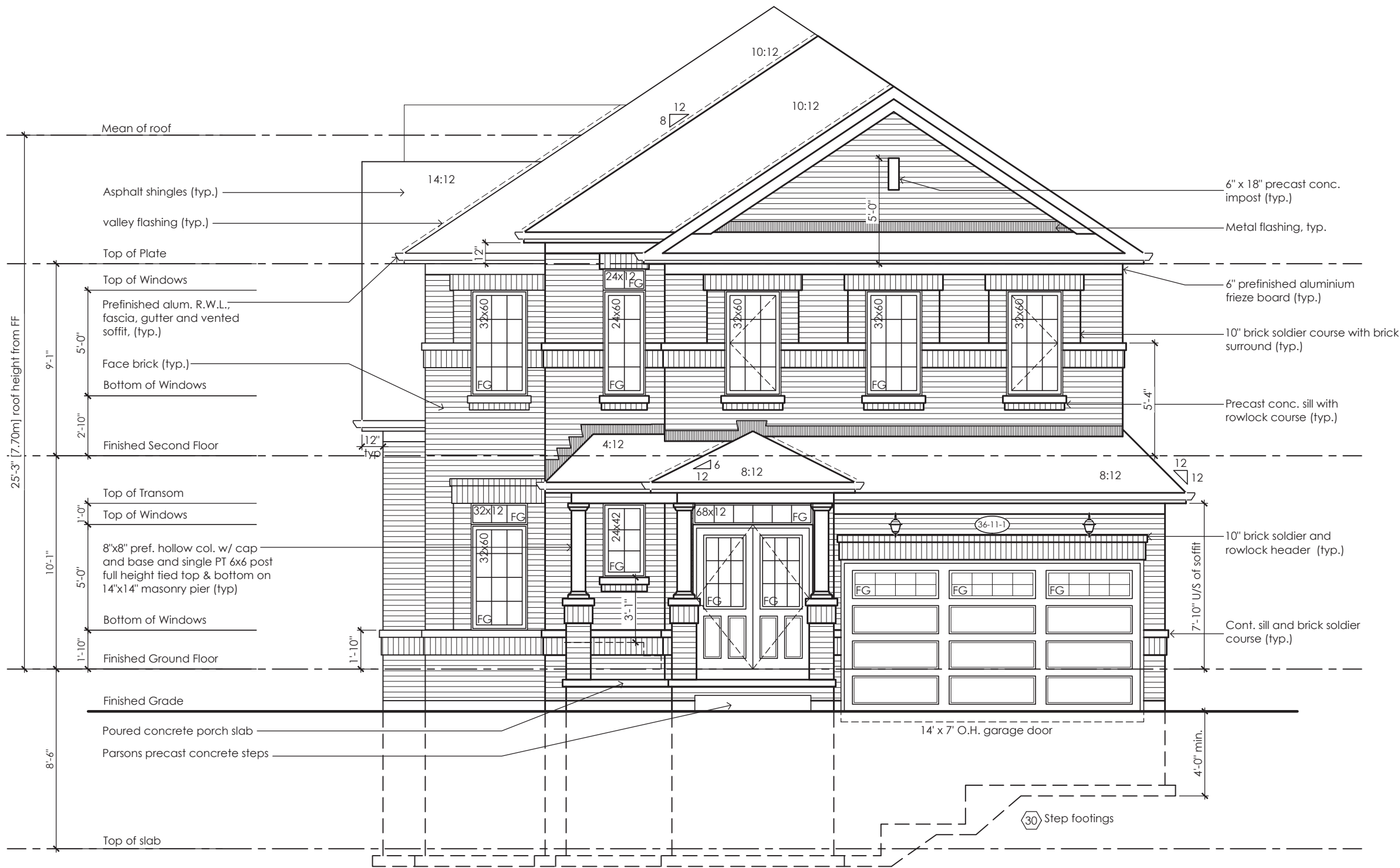
Compliance Package A1

Second Floor Plan '3'

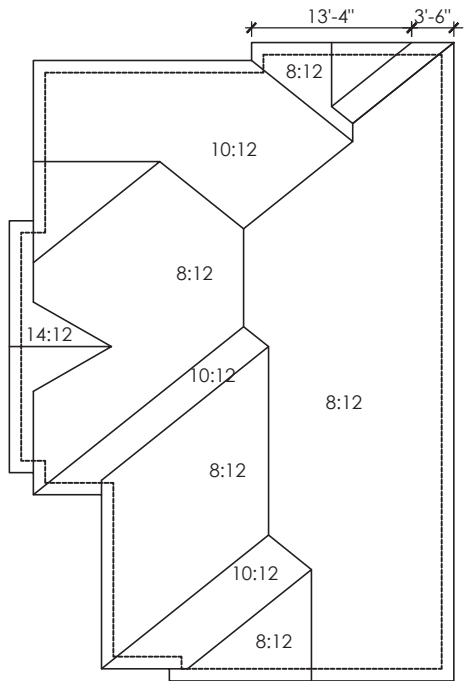
Zadorra Estates Inc.

Drawing created with Mackitecture v.1.0.0 (build 2657). File P:\2022\22-012-GREENPARK-ZADORRA-OSHAWA\UNITS\WORKING\22-012-VILLA 11-WD-V1.DWG plotted on 2023-07-11 at 1:02:49 PM by LAURA

MHP 23038




Front Elevation '1'



Roof Plan '1'

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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 11
Compliance Package A1


www.greenparkgroup.ca

project name
Zadorra Estates Inc.

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Qualification Information

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Name BCIN Signature
Registration Information Mackitecture 103532



www.mackitecture.ca

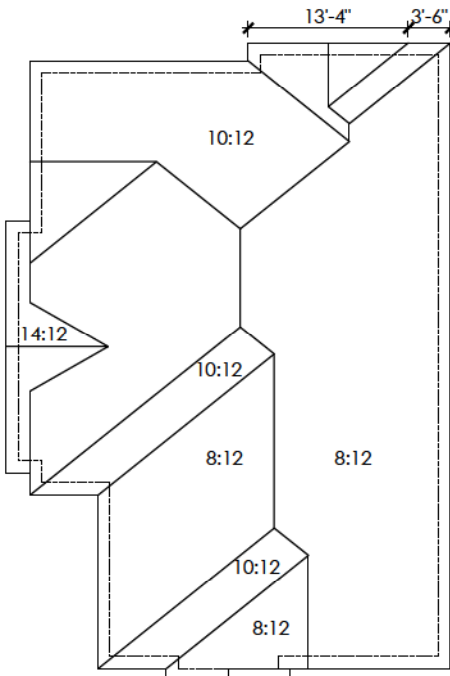
975A Elgin Street West, Suite 353
Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

Front Elevation
Elevation 1

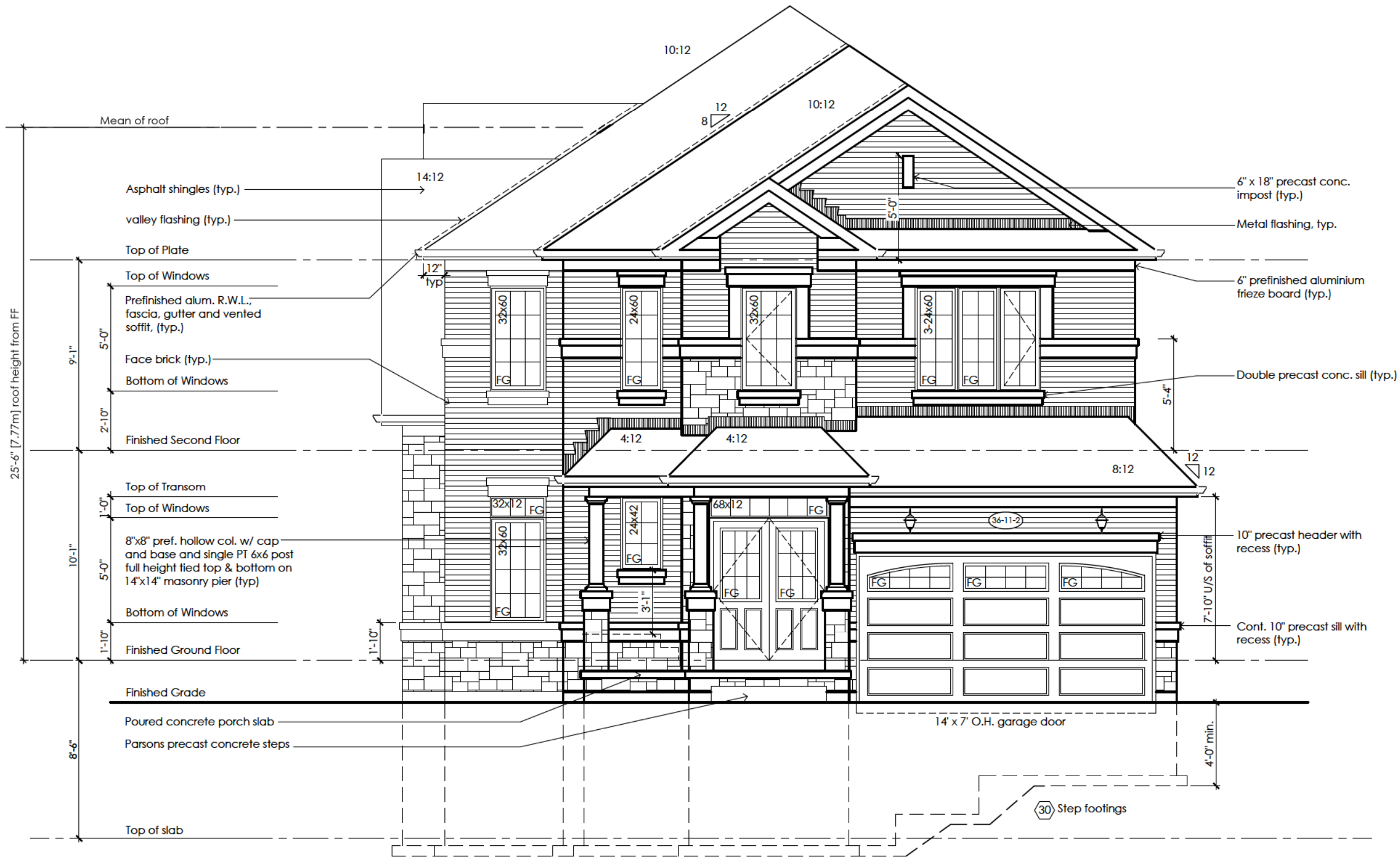
scale 3/16" = 1'-0"	by JM	area 2952 sq ft	sheet no. 4-1
date 2023-07-11	type 36' Single	project no. 22-012	

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MHP 23038



Roof Plan '2'



Front Elevation '2'

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Villa 11

Compliance Package A1

 **Greenpark**

www.greenparkgroup.ca

project name

Zadorra Estates Inc.

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

Qualification Information

Jamie Mack
Name

35923
BCIN


Signature

Registration Information

Mackitecture

103532



www.mackitecture.ca

975A Elgin Street West, Suite 353
Cobourg, ON K9A 5J3

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

title

**Front Elevation
Elevation 2**

scale

3/16" = 1'-0"

by

JM

area

2938 sq ft

sheet no.

4-2

date

2023-07-11

type

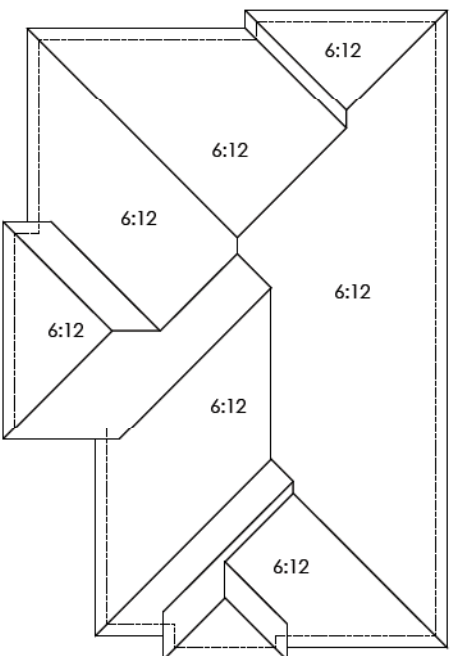
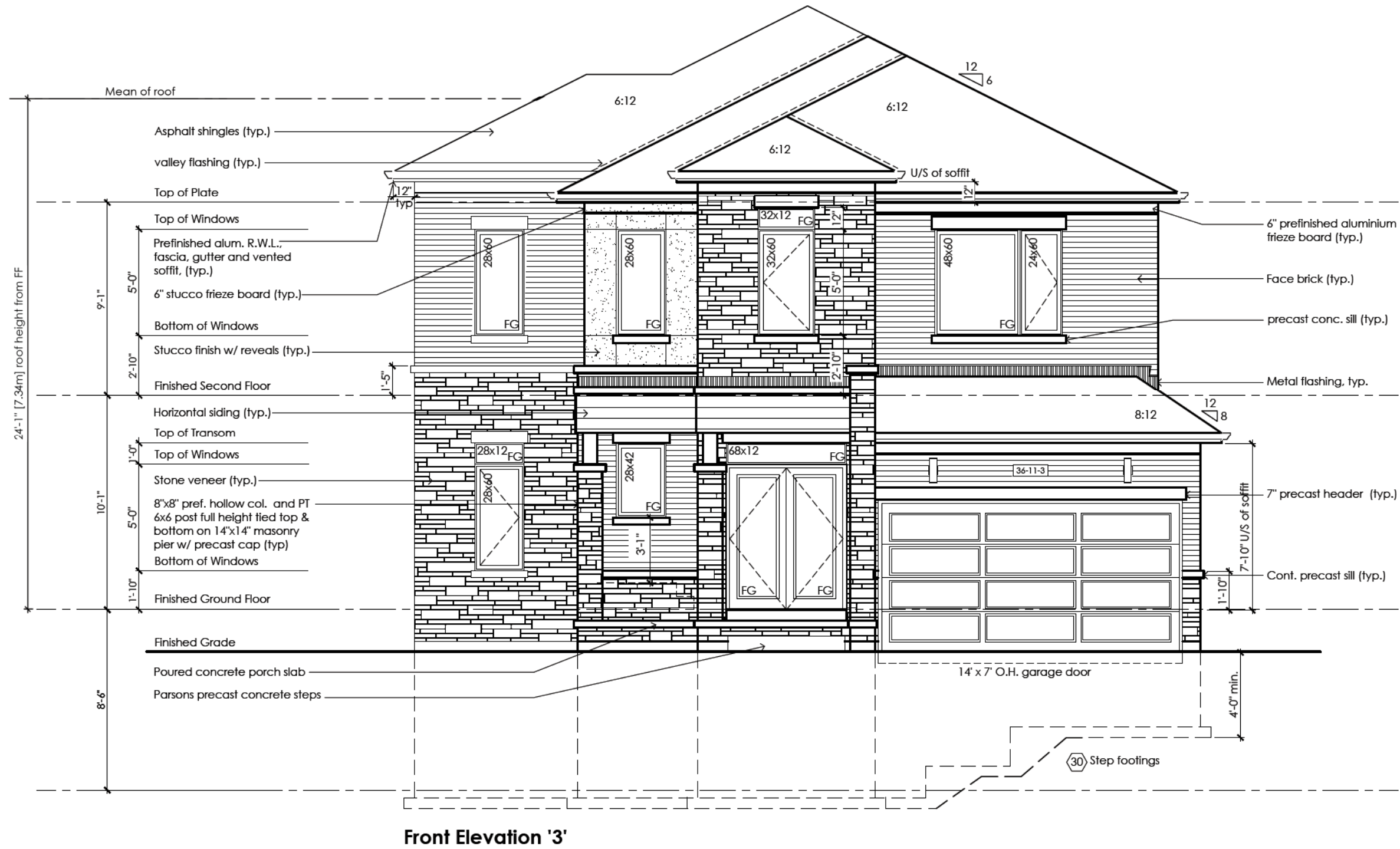
36' Single

project no.

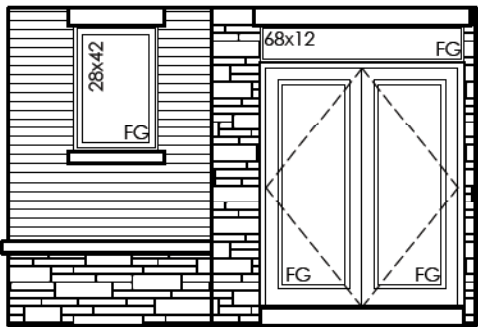
22-012

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MHP 23038



Roof Plan '3'



Inside Portico Elev. '3'

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Villa 11

Compliance Package A1

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	Jamie Mack Name	35923 BCIN		 Signature	scale 3/16" = 1'-0"	by JM		area 2926 sq ft
Registration Information		Mackitecture		103532				

Glazed Openings Calculation (OBC 9.10.15.4.)
Limiting distance: 7'-2" (2.18m)
Wall area: 1128.5 sq ft (104.84 sq m)
Permitted glazed openings: 8.0%, 90.3 sq ft (8.39 sq m)
Provided glazed openings: 7.6%, 85.5 sq ft (7.94 sq m)
Summary
Areas calculated with a frame offset of 2,25"
1 - 24,00 x 12,00: 1,02 sq ft (0,09 sq m)
1 - 24,00 x 12,00: 1,02 sq ft (0,09 sq m)
1 - 24,00 x 12,00: 1,02 sq ft (0,09 sq m)
1 - 24,00 x 12,00: 1,02 sq ft (0,09 sq m)
1 - 32,00 x 12,00: 1,43 sq ft (0,13 sq m)
1 - 32,00 x 12,00: 1,43 sq ft (0,13 sq m)
2 - 16,00 x 16,00: 1,68 sq ft (0,16 sq m)
1 - 24,00 x 60,00: 7,52 sq ft (0,70 sq m)
1 - 24,00 x 60,00: 7,52 sq ft (0,70 sq m)
1 - 24,00 x 60,00: 7,52 sq ft (0,70 sq m)
1 - 24,00 x 60,00: 7,52 sq ft (0,70 sq m)
1 - 24,00 x 60,00: 7,52 sq ft (0,70 sq m)
1 - 32,00 x 60,00: 10,60 sq ft (0,98 sq m)
1 - 32,00 x 60,00: 10,60 sq ft (0,98 sq m)
1 - 32,00 x 60,00: 10,60 sq ft (0,98 sq m)




Flankage Elevation '1'

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

APPROVED BY: 
DATE: JUL 31, 2023

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

Villa 11

Compliance Package A1



www.greenparkgroup.ca

project name

Zadorra Estates Inc.

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

Qualification Information

Jamie Mack
Name

35923
BCIN


Signature

Registration Information

Mackitecture

103532



www.mackitecture.ca

975A Elgin Street West, Suite 353
Cobourg, ON K9A 5J3

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

Left Side Elevation
Elevation 1

scale

3/16" = 1'-0"

by

JM

area

2952 sq ft

sheet no.

5-1

date

2023-07-11

type

36' Single

project no.

22-012

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

MHP 23038

Glazed Openings Calculation (OBC 9.10.15.4.)

Limiting distance: 7'-2" (2.18m)

Wall area: 1114.0 sq ft (103.50 sq m)

Permitted glazed openings: 8.0%, 89.1 sq ft (8.28 sq m)

Provided glazed openings: 7.5%, 83.5 sq ft (7.75 sq m)

Summary

Areas calculated with a frame offset of 2.25"

1 - 24,00 x 12,00: 1,02 sq ft (0,09 sq m)

1 - 24,00 x 12,00: 1,02 sq ft (0,09 sq m)

1 - 32,00 x 12,00: 1,43 sq ft (0,13 sq m)

1 - 32,00 x 12,00: 1,43 sq ft (0,13 sq m)

2 - 15,00 x 16,00: 1,68 sq ft (0,16 sq m)

1 - 24,00 x 60,00: 7,52 sq ft (0,70 sq m)

1 - 24,00 x 60,00: 7,52 sq ft (0,70 sq m)

1 - 24,00 x 60,00: 7,52 sq ft (0,70 sq m)

1 - 24,00 x 60,00: 7,52 sq ft (0,70 sq m)

1 - 24,00 x 60,00: 7,52 sq ft (0,70 sq m)

1 - 24,00 x 60,00: 7,52 sq ft (0,70 sq m)

1 - 32,00 x 60,00: 10,60 sq ft (0,98 sq m)

1 - 32,00 x 60,00: 10,60 sq ft (0,98 sq m)

1 - 32,00 x 60,00: 10,60 sq ft (0,98 sq m)



Flankage Elevation '2'

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ARCHITECTURAL CONTROL REVIEW
AND APPROVAL
APPROVED BY:
DATE: JUL 31, 2023
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Villa 11

Compliance Package A1

Greenpark

www.greenparkgroup.ca

project name

Zadorra Estates Inc.

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Qualification Information

Jamie Mack
Name

35923
BCIN

Registration Information

Mackitecture

103532



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

title

Left Side Elevation
Elevation 2

scale

3/16" = 1'-0"

date

2023-07-11

by

JM

type

36' Single

area

2938 sq ft

project no.

22-012

sheet no.

5-2

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

perings Calculation (OBC 9.10.15.4.)
Limiting distance: 6'-6 1/2" (2.00m)

MHP 23038

Wall area: 1145.9 sq ft (106.46 sq m)
Permitted glazed openings: 8.0%, 91.7 sq ft (8.52 sq m)
Provided glazed openings: 7.8%, 89.9 sq ft (8.35 sq m)

Summary

Areas calculated with a frame offset of 2,25"

1 - 24,00 x 12,00: 1,02 sq ft (0,09 sq m)
1 - 24,00 x 12,00: 1,02 sq ft (0,09 sq m)
2 - 15,00 x 16,00: 1,68 sq ft (0,16 sq m)
2 - 28,00 x 12,00: 2,45 sq ft (0,23 sq m)
2 - 28,00 x 12,00: 2,45 sq ft (0,23 sq m)
1 - 24,00 x 60,00: 7,52 sq ft (0,70 sq m)
1 - 24,00 x 60,00: 7,52 sq ft (0,70 sq m)
1 - 24,00 x 60,00: 7,52 sq ft (0,70 sq m)
1 - 24,00 x 60,00: 7,52 sq ft (0,70 sq m)
1 - 24,00 x 60,00: 7,52 sq ft (0,70 sq m)
1 - 24,00 x 60,00: 7,52 sq ft (0,70 sq m)
2 - 28,00 x 60,00: 18,11 sq ft (1,68 sq m)
2 - 28,00 x 60,00: 18,11 sq ft (1,68 sq m)



Flankage Elevation '3'

JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVAL
APPROVED BY:
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Villa 11

Compliance Package A1

Greenpark

www.greenparkgroup.ca

project name

Zadorra Estates Inc.

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Qualification Information

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

title

Left Side Elevation
Elevation 3

scale

3/16" = 1'-0"

by

JM

area

2926 sq ft

sheet no.

5-3

date

2023-07-11

type

36' Single

project no.

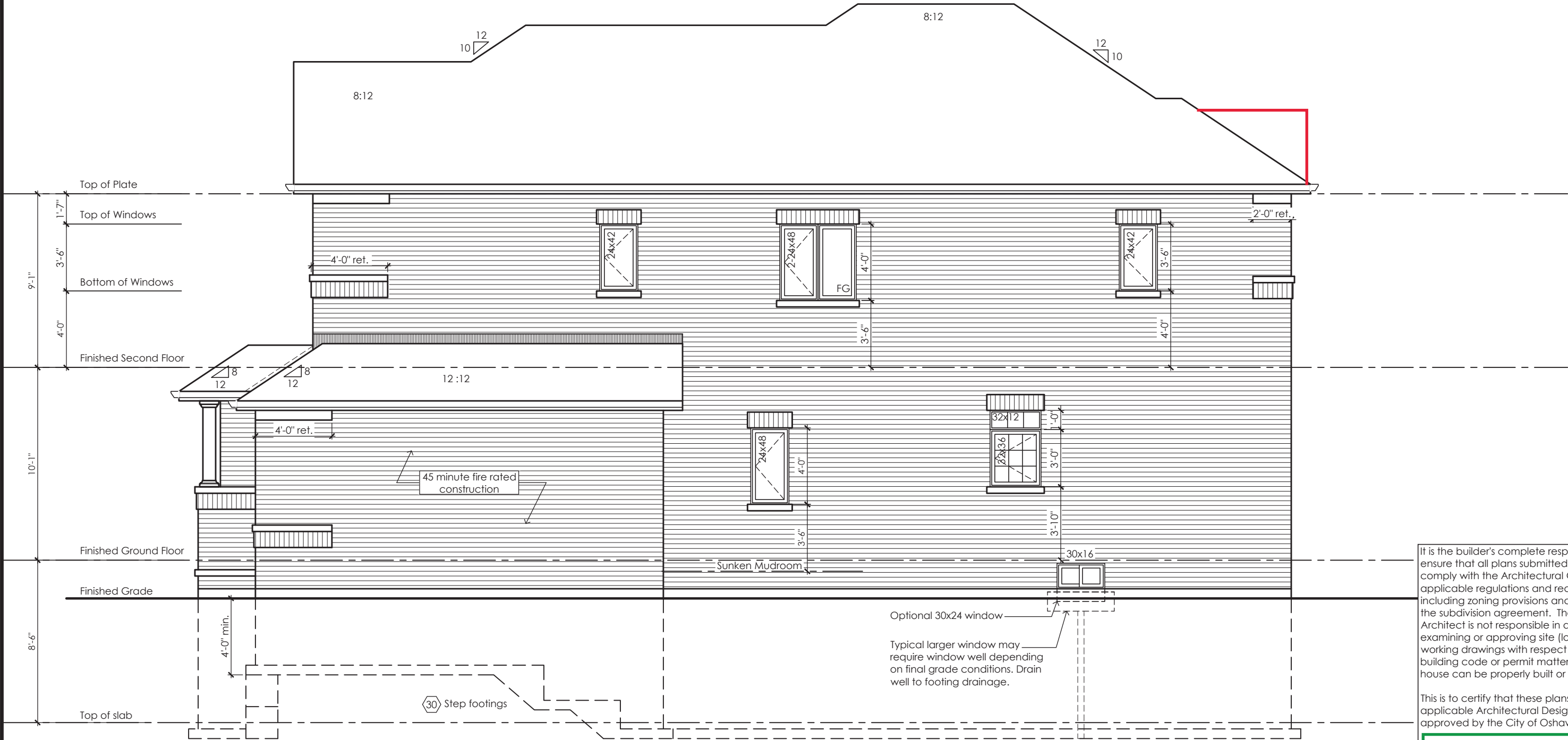
22-012

MHP 23038

Glazed Openings Calculation (OBC 9.10.15.4.)
Limiting distance: 3'-11" (1.20m)
Wall area: 1112.5 sq ft (103.36 sq m)
Permitted glazed openings: 7.0%, 77.9 sq ft (7.24 sq m)
Provided glazed openings: 2.7%, 29.5 sq ft (2.74 sq m) ✓
Summary
Areas calculated with a frame offset of 2.25"
2 - 15,00 x 16,00: 1,68 sq ft (0,16 sq m)
1 - 24,00 x 42,00: 5,08 sq ft (0,47 sq m)
1 - 24,00 x 42,00: 5,08 sq ft (0,47 sq m)
1 - 24,00 x 48,00: 5,89 sq ft (0,55 sq m)
2 - 24,00 x 48,00: 11,78 sq ft (1,09 sq m)

Garage Only


45 Minute Fire Rated Wall Assemblies (refer to MMAH SB-2 Section 2.3.)
For exposing building face with a limiting distance less than 1.2m (3'-11")
Stud Wall with Brick Veneer
Provide 12.7mm (1/2") type "x" gypsum board installed so that all edges are supported, taped and filled. Space between wood studs to be filled with preformed mineral fibre insulation with a mass of not less than 1.22 kg / sq m
Rim Joist
At the rim joist provide 15.9mm (5/8") type "x" gypsum board between the floor joist and rim joist or continuously along the rim joist when the floor joists are parallel to the rim joist.



Right Side Elevation '1'

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ARCHITECTURAL CONTROL REVIEW
AND APPROVAL
APPROVED BY: 
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Villa 11
Compliance Package A1



www.greenparkgroup.ca

project name

Zadorra Estates Inc.

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Qualification Information

Jamie Mack 35923
Name BCIN Signature
Registration Information Mackitecture 103532



www.mackitecture.ca

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

Right Side Elevation
Elevation 1

scale 3/16" = 1'-0"
date 2023-07-11
by JM
type 36' Single
area 2952 sq ft
project no. 22-012
sheet no. 6-1

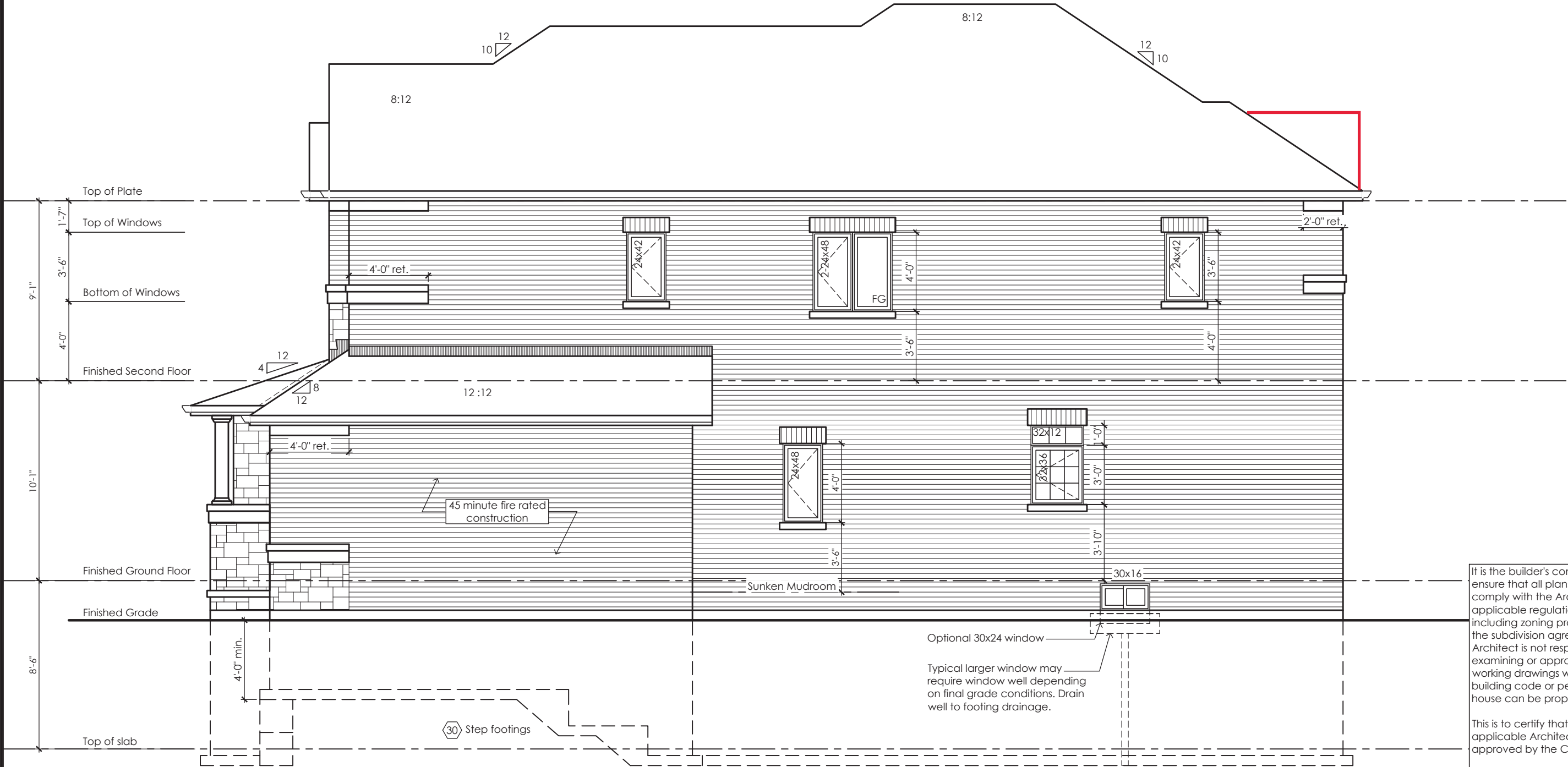
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MHP 23038

Garage Only

Glazed Openings Calculation (OBC 9.10.15.4.)
Limiting distance: 3'-11" (1.20m)
Wall area: 1112.5 sq ft (103.36 sq m)
Permitted glazed openings: 7.0%, 77.9 sq ft (7.24 sq m)
Provided glazed openings: 2.7%, 29.5 sq ft (2.74 sq m) ✓
Summary
Areas calculated with a frame offset of 2.25"
2 - 15,00 x 16,00: 1,68 sq ft (0,16 sq m)
1 - 24,00 x 42,00: 5,08 sq ft (0,47 sq m)
1 - 24,00 x 42,00: 5,08 sq ft (0,47 sq m)
1 - 24,00 x 48,00: 5,89 sq ft (0,55 sq m)
2 - 24,00 x 48,00: 11,78 sq ft (1,09 sq m)

45 Minute Fire Rated Wall Assemblies (refer to MMAH SB-2 Section 2.3.)
For exposing building face with a limiting distance less than 1.2m (3'-11")
Stud Wall with Brick Veneer
Provide 12.7mm (1/2") type "X" gypsum board installed so that all edges are supported, taped and filled. Space between wood studs to be filled with preformed mineral fibre insulation with a mass of not less than 1.22 kg / sq m
Rim Joist
At the rim joist provide 15.9mm (5/8") type "X" gypsum board between the floor joist and rim joist or continuously along the rim joist when the floor joists are parallel to the rim joist.



Right Side Elevation '2'

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ARCHITECTURAL CONTROL REVIEW
AND APPROVAL
APPROVED BY: 
DATE: JUL 31, 2023
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Villa 11
Compliance Package A1


www.greenparkgroup.ca

project name
Zadorra Estates Inc.

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Qualification Information

Jamie Mack 35923
Name BCIN Signature
Registration Information Mackitecture 103532



www.mackitecture.ca

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

Right Side Elevation
Elevation 2

scale 3/16" = 1'-0"
date 2023-07-11
by JM
type 36' Single
area 2938 sq ft
project no. 22-012
sheet no. 6-2

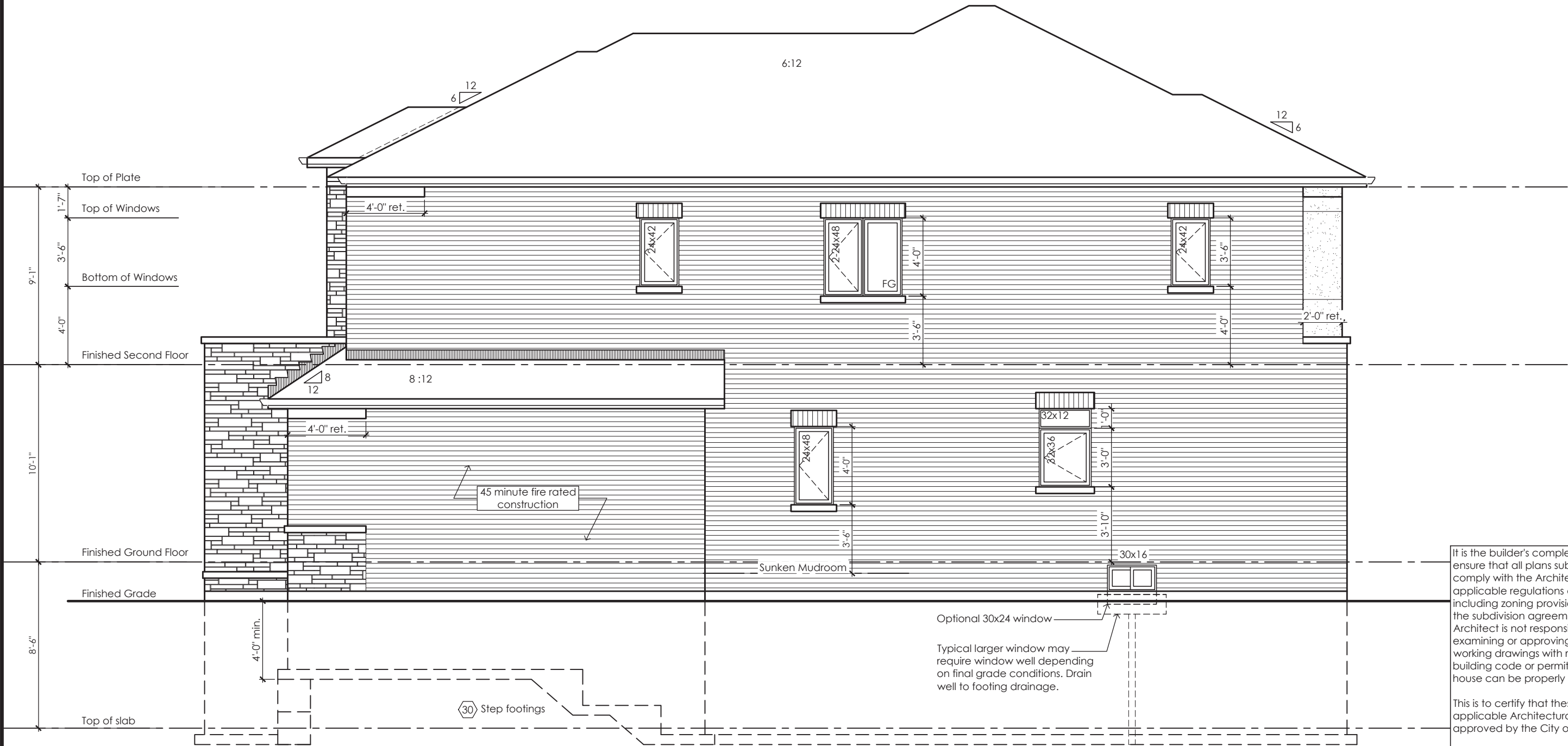
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MHP 23038

Garage Only

Glazed Openings Calculation (OBC 9.10.15.4.)
Limiting distance: 3'-11" (1.20m)
Wall area: 1112.5 sq ft (103.36 sq m)
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Provided glazed openings: 2.7%, 29.5 sq ft (2.74 sq m) ✓
Summary
Areas calculated with a frame offset of 2,25"
2 - 15,00 x 16,00: 1,68 sq ft (0,16 sq m)
1 - 24,00 x 42,00: 5,08 sq ft (0,47 sq m)
1 - 24,00 x 42,00: 5,08 sq ft (0,47 sq m)
1 - 24,00 x 48,00: 5,89 sq ft (0,55 sq m)
2 - 24,00 x 48,00: 11,78 sq ft (1,09 sq m)

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Rim Joist
At the rim joist provide 15.9mm (5/8") type "x" gypsum board between the floor joist and rim joist or continuously along the rim joist when the floor joists are parallel to the rim joist.



Right Side 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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Villa 11

Compliance Package A1


www.greenparkgroup.ca

project name

Zadorra Estates Inc.

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Qualification Information

Jamie Mack 35923
Name BCIN Signature

Registration Information Mackitecture 103532



www.mackitecture.ca

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

Right Side Elevation
Elevation 3

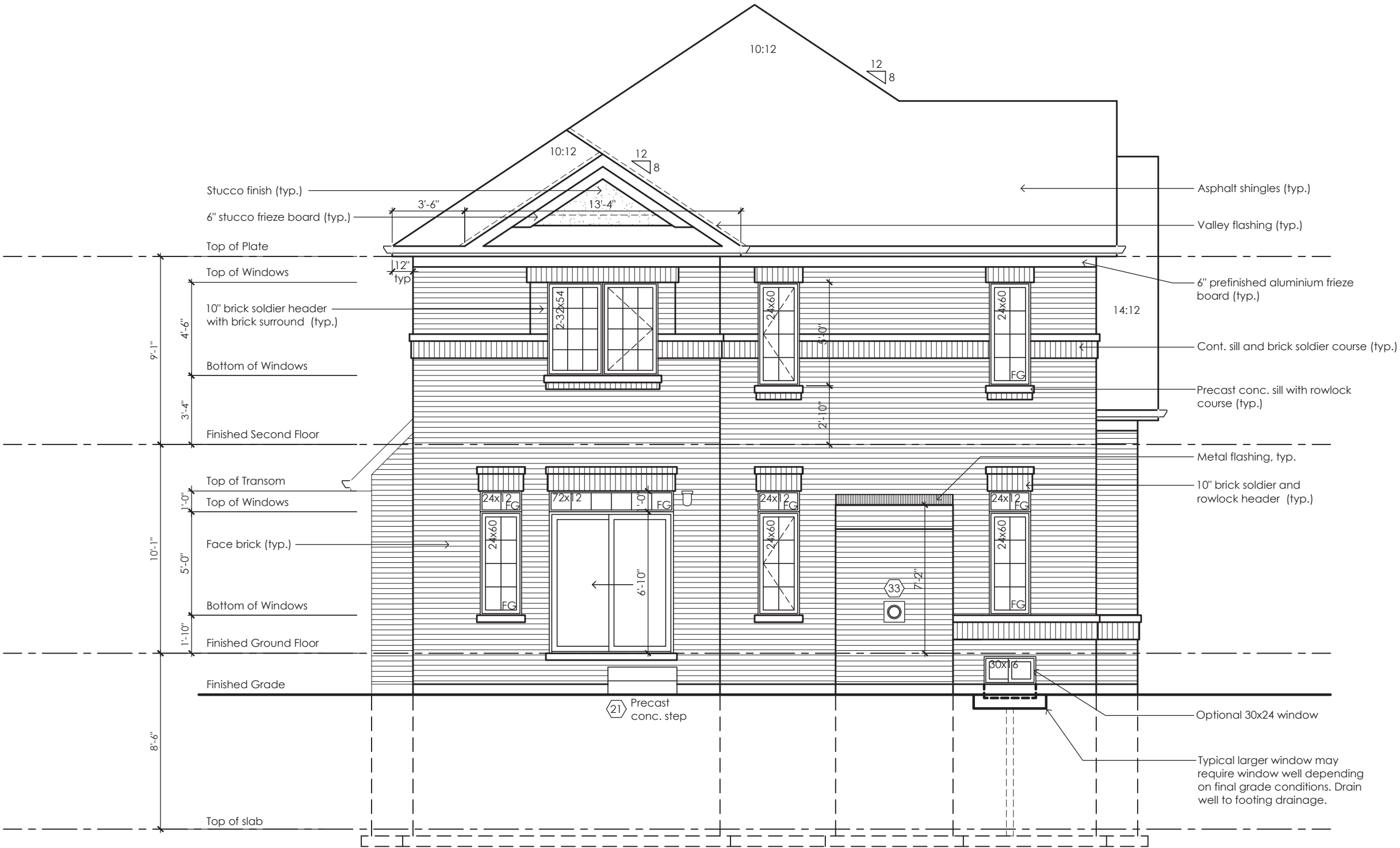
scale 3/16" = 1'-0"
date 2023-07-11
by JM
type 36' Single
area 2926 sq ft
project no. 22-012

sheet no.

6-3

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

MHP 23038



Rear Elevation '1'

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ARCHITECTURAL CONTROL REVIEW
AND APPROVAL
APPROVED BY: 
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Villa 11
Compliance Package A1


www.greenparkgroup.ca

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Qualification Information

Jamie Mack 35923
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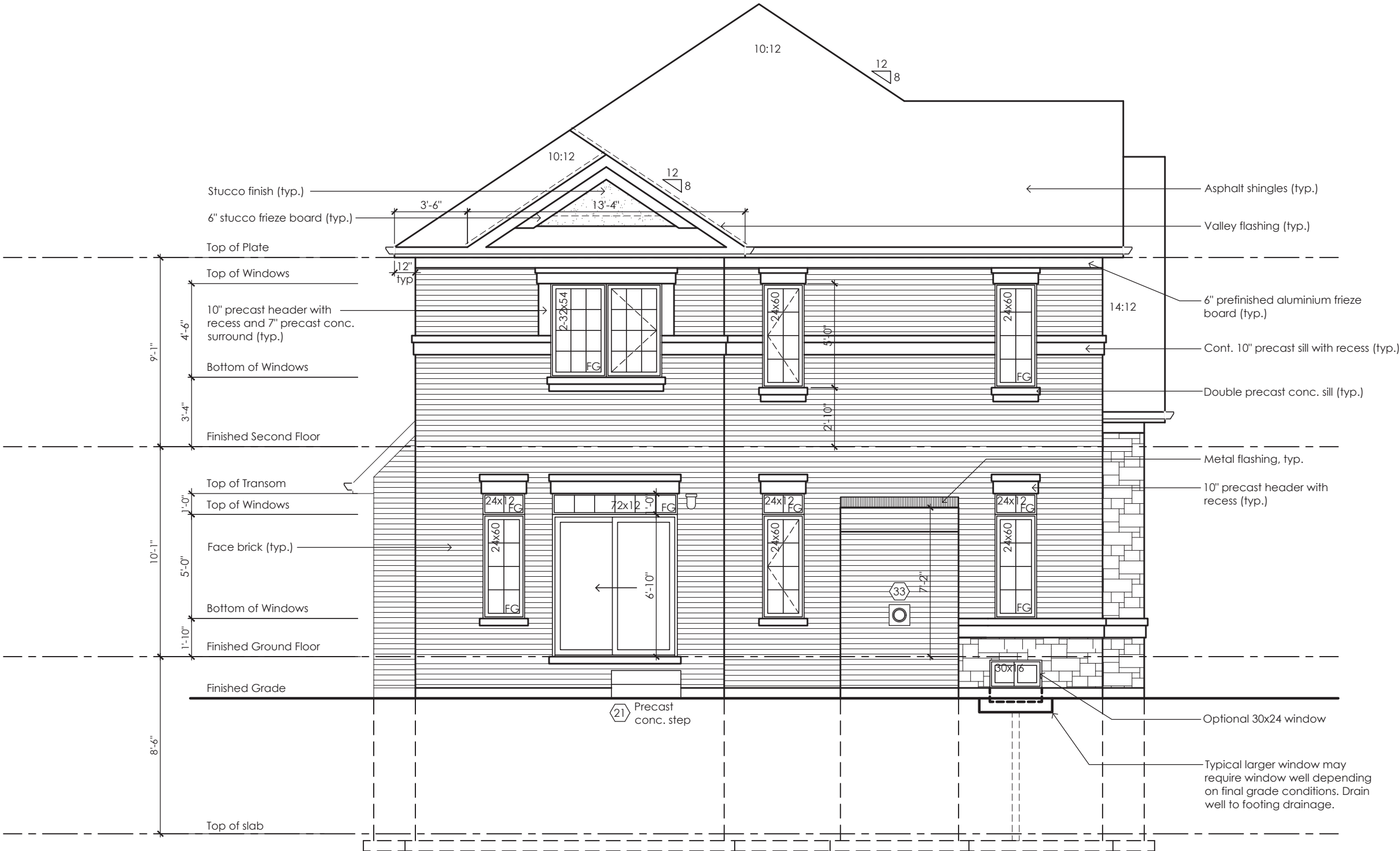
975A Elgin Street West, Suite 353
Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

Rear Elevation
Elevation 1

scale	by	area	sheet no.
3/16" = 1'-0"	JM	2952 sq ft	7-1
date	type	project no.	
2023-07-11	36' Single	22-012	

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

MHP 23038



Rear Elevation '2'

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ARCHITECTURAL CONTROL REVIEW
AND APPROVAL
APPROVED BY: 
DATE: JUL 31, 2023
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Villa 11
Compliance Package A1


www.greenparkgroup.ca

project name
Zadorra Estates Inc.

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Qualification Information

Jamie Mack 35923
Name BCIN Signature
Registration Information Mackitecture 103532



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Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

title
Rear Elevation
Elevation 2

scale 3/16" = 1'-0"	by JM	area 2938 sq ft	sheet no. 7-2
date 2023-07-11	type 36' Single	project no. 22-012	

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

MHP 23038



Rear Elevation '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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ARCHITECTURAL CONTROL REVIEW
AND APPROVAL
APPROVED BY: 
DATE: JUL 31 2023
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Villa 11

Compliance Package A1


www.greenparkgroup.ca

project name
Zadorra Estates Inc.

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

Qualification Information

Jamie Mack 35923
Name BCIN Signature
Registration Information Mackitecture 103532



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Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

Rear Elevation
Elevation 3

scale	by	area	sheet no.
3/16" = 1'-0"	JM	2926 sq ft	7-3
date	type	project no.	
2023-07-11	36' Single	22-012	

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



Villa 11

Compliance Package A1

Contractor shall check all dimensions and elevations before commencing work with report any discrepancies to the Designer. Prints are not to be scaled.	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			 www.mackitecture.ca 975A Elgin Street West, Suite 353 Cobourg, ON K9A 5J3 Tel: 416-735-8190 Email: info@mackitecture.ca	title Building Section Elevations 1, 2 and 3			 www.greenparkgroup.ca		
	Jamie Mack Name	35923 BCIN	 Signature		scale 3/16" = 1'-0"	by JM	area -		sheet no. 8-1	project name Zadorra Estates Inc.
	Registration Information	Mackitecture	103532		date 2023-07-11	type 36' Single	project no. 22-012			

MHP 23038


SB-12 Calculations			
Villa 11 - 1 Deck Condition			
Elevation	Wall Area	Window Area	Percentage
Front	749.5 sq ft (69.6 sq m)	82.7 sq ft (7.7 sq m)	11.04%
Left side	1128.5 sq ft (104.8 sq m)	85.5 sq ft (7.9 sq m)	7.58%
Right side	1112.5 sq ft (103.4 sq m)	29.5 sq ft (2.7 sq m)	2.65%
Rear	806.7 sq ft (74.9 sq m)	101.1 sq ft (9.4 sq m)	12.53%
Total	3797.2 sq ft (352.8 sq m)	298.8 sq ft (27.8 sq m)	7.87%



Rear Elevation '1'
Deck Condition

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ARCHITECTURAL CONTROL REVIEW
AND APPROVAL
APPROVED BY: 
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Villa 11
Compliance Package A1


www.greenparkgroup.ca

project name
Zadorra Estates Inc.

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Qualification Information

Jamie Mack 35923
Name BCIN Signature

Registration Information Mackitecture 103532



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Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

Deck Elevation
Elevation 1

scale	by	area	sheet no.
3/16" = 1'-0"	JM	2952 sq ft	9-1
date	type	project no.	
2023-07-11	36' Single	22-012	

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

MHP 23038

SB-12 Calculations			
Villa 11 - 2 Deck Condition			
Elevation	Wall Area	Window Area	Percentage
Front	744.7 sq ft (69.2 sq m)	83.1 sq ft (7.7 sq m)	11.15%
Left side	1114.0 sq ft (103.5 sq m)	83.5 sq ft (7.8 sq m)	7.49%
Right side	1112.5 sq ft (103.4 sq m)	29.5 sq ft (2.7 sq m)	2.65%
Rear	806.7 sq ft (74.9 sq m)	101.1 sq ft (9.4 sq m)	12.53%
Total	3777.9 sq ft (351.0 sq m)	297.1 sq ft (27.6 sq m)	7.86%



Rear Elevation '2'
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.

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 applicable Design Guidelines only and bears no further professional responsibility.

Villa 11
Compliance Package A1


www.greenparkgroup.ca

project name
Zadorra Estates Inc.

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

Qualification Information

Jamie Mack 35923
Name BCIN Signature
Registration Information Mackitecture 103532



www.mackitecture.ca

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

Deck Elevation
Elevation 2

scale 3/16" = 1'-0"
date 2023-07-11
by JM
type 36' Single
area 2938 sq ft
project no. 22-012

sheet no.
9-2

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

MHP 23038

SB-12 Calculations			
Villa 11 - 3 Deck Condition			
Elevation	Wall Area	Window Area	Percentage
Front	774.9 sq ft (72.0 sq m)	93.7 sq ft (8.7 sq m)	12.09%
Left side	1145.9 sq ft (106.5 sq m)	89.9 sq ft (8.4 sq m)	7.85%
Right side	1112.5 sq ft (103.4 sq m)	29.5 sq ft (2.7 sq m)	2.65%
Rear	823.7 sq ft (76.5 sq m)	101.1 sq ft (9.4 sq m)	12.27%
Total	3857.1 sq ft (358.3 sq m)	314.2 sq ft (29.2 sq m)	8.15%



Rear Elevation '3'
Deck Condition

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Villa 11
Compliance Package A1


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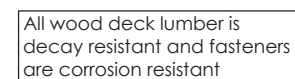
975A Elgin Street West, Suite 353
Cobourg, ON K9A 5J3
Tel: 416-735-8190 Email: info@mackitecture.ca

Deck Elevation
Elevation 3

scale 3/16" = 1'-0"
by JM
area 2926 sq ft
date 2023-07-11
type 36' Single
project no. 22-012
sheet no. 9-3

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

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

[illegible]

Villa 11

project name

Zadorra Estates Inc.