STRIP FOOTINGS FOR SINGLES AND SEMIS UP TO 2 STOREY

120 KPa NATIVE SOIL

20"x6" CONCRETE STRIP FOOTINGS BELOW FOUNDATION WALLS. 24"x8" CONCRETE STRIP FOOTINGS BELOW PARTY WALLS.

90 KPa ENGINEERED FILL SOIL 24"x8" CONCRETE STRIP FOOTINGS V NECECING BELOW FOUNDATION WALLS 30"x8" CONCRETE STRIP FOOTINGS WITH REINFORCING BELOW PARTY WALLS.

100 KPa NATIVE SOIL

22"x8" CONCRETE STRIP FOOTINGS BELOW FOUNDATION WALLS. 28"x10" CONCRETE STRIP FOOTINGS BELOW PARTY WALLS

28"x8" CONCRETE STRIP FOOTINGS WITH REINFORCING BELOW PARTY WALLS

ASSUMED 120/100 KPa NATIVE SOIL BEARING CAPACITY OR 90 KPa FOR ENGINEERED FILL, TO BE VERIFIED ON SITE. REFER TO ENGINEERED FILL FOOTING DETAIL FOR REINFORCEMENT.

(REFER TO ENG. FILL FOOTING DETAIL)

PAD FOOTING

F5 = 16"x16"x8" CONCRETE PAD

120 KPa NATIVE SOIL

98 KPa ENGINEERED FILL SOIL F1 = 42"x42"x18" CONCRETE PAD F1 = 48 448 x20 CONCRETE PAD F2 = 40"x40"x16" CONCRETE PAD F2 = 36"x36"x16" CONCRETE PAD F3 = 30"x30"x12" CONCRETE PAD F4 = 24"x24"x12" CONCRETE PAD

(REFER TO FLOOR PLAN FOR UNUSUAL SIZE PADS NOT ON CHART)

F3 = 34"x34"x4" CONCRETE PAD $F4 = 28'' \times 28'' \times 12''$ CONCRETE PAD F5 = 18"x18"x8" CONCRETE PAD

190 KPa NATIVE SOIL F1 = 46" $\times 46$ " $\times 20$ " CONCRETE PAD F2 = 38"x38"x16" CONCRETE PAD F3 = 32"x32"x14" CONCRETE PAD F4 = 26"x26"x12" CONCRETE PAD F5 = 17"x17"x8" CONCRETE PAD

Certified Model reviewed and approved based on footing design for 120 kPa native soil. Where site conditions differ, a lot-specific revision application is required to be submitted and approved prior to pouring of footings.

WHEN VENEER CUT IS GREATER THAN 26" A 10" POURED CONC. FOUNDATION WALL IS REQUIRED.

NOTE:

ALL GARAGE SLABS, PORCH SLABS, STAIRS (EXPOSED CONC. FLAT WORK) TO BE 32 MPa WITH 5-8% AIR ENTRAITMENT.

BRICK VENEER LINTELS:

WL5 = $6'' \times 4'' \times 3 \times (150 \times 100 \times 10) + 2 - 2'' \times 12'' \text{ SPR}$.

 $WL-1 = 3 \frac{1}{2} \times 3 \frac{1}{2} \times 1 \frac{4}{90} \times 90 \times 6 + 2 \cdot 2 \times 8 \times 90 \times 6$ WL2 = 4" x 3 1\2" x 5\16" (100x90x8) + 2- 2" x 8" SPR. WL3 = 5" x 3 1\2" x 5\16" (125x90x8) + 2- 2" x 10" SPR. $WL4 = 6" \times 3 \times 1/2" \times 3/8" (150 \times 90 \times 10) + 2 - 2" \times 12" SPR.$

 $WL6 = 5" \times 3 \times 12" \times 5 \times 16" \times 125 \times 90 \times 8) + 2-2" \times 12" SPR.$ WL7 = $5'' \times 3 \times 1/2'' \times 5/16'' \times (125 \times 90 \times 8)' + 3 - 2'' \times 10'' \text{ SPR.}$ WL8 = $5'' \times 3 \times 1/2'' \times 5/16'' \times (125 \times 90 \times 8) + 3 - 2'' \times 12'' \text{ SPR}$. $WL9 = 6' \times 4'' \times 3 \times (150 \times 100 \times 10) + 3 - 2'' \times 12'' SPR$

WOOD LINTELS:

WB1 = 2-2" x 8" SPRUCE BEAM WB2 = 3-2" x 8" SPRUCE BEAM WB3 = 2-2" x 10" SPRUCE BEAM WB4 = 3-2" x 10" SPRUCE BEAM

WB6 = 3-2" x 12" SPRUCE BEAM WB7 = 5-2" x 12" SPRUCE BEAM WB-10 = 4-2" x 8" SPRUCE BEAM WB-11 = 4-2" x 10" SPRUCE BEAM WB5 = 2-2" x 12" SPRUCE BEAM

STEEL LINTELS:

 $L1 = 3 \frac{1}{2} \times 3 \frac{1}{2} \times \frac{1}{4}$ (90 x 90 x 6) L4 = 6 x 3 1\2" x 3\8" (150 x 90 x 10) L2 = 4" x 3 1\2" x 5\16" (100 x 90 x 8) L5 = 6" x 4" x 3\8" (150 x 100 x 10) $L3 = 5" \times 3 \text{ 1}/2" \times 5/16" (125 \times 90 \times 8)$ $L6 = 7" \times 4" \times 3/8" (180 \times 100 \times 10)$

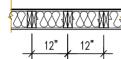
LAMINATED VENEER LUMBER (LVL BEAMS)

LVL1A = 1-1 3/4" x 7 1/4" (1-45x184) $LVL1 = 2-1.3/4" \times 7.1/4" (2-45 \times 184)$ $LVL2 = 3-13/4" \times 71/4" (3-45x184)$ $LVL3 = 4-1.3/4" \times 7.1/4" (4-45x184)$ LVL4A = 1-1 3/4" x 9 1/2" (1-45x240) LVL4 = 2-1 3/4" x 9 1/2" (2-45x240) LVL5 = 3-1 3/4" x 9 1/2" (3-45x240) LVL5A = = 4-1 3/4" x 9 1/2" (4-45x240)

LVL6A= 1-1 3/4" x 11 7/8" (1-45x300) 2-1 3/4" x 11 7/8" (2-45x300) 3-1.3/4" x 11.7/8" (3-45x300) LVL7A= 4-1 3/4" x 11 7/8" (4-45x300) $LVL8 = 2-13/4" \times 14" (2-45x356)$

 $LVL9 = 3-13/4" \times 14" (3-45x356)$

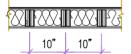
2-2'x6" STUD WALL NAILED TOGETHER AND SPACED @12" O.C. FULL HT C/W SOLID BLOCKING 4'-0" O.C. VERTICAL AND 7/16" EXT. PLYWOOD SHEATHING.



MAXIMUM HEIGHT OF WALL FOR THIS DETAIL IS 18'-0" AND MAXIMUM SUPPORTED LENGTH OF TRUSS IS 40'-0"

TWO STOREY HEIGHT WALL DETAIL

2 - 1 1/2" x 5 1/2" TIMBERSTRAND (LSL) 1.5E STUD WALL GLUED AND NAILED TOGETHER AND SPACED MAX. @10"O.C. FULL HT C/W SOLID BLOCKING MAX, 8'-0"O,C, VERTICAL AND 7/16" EXT. OSB SHEATHING.



MAXIMUM HEIGHT OF WALL FOR THIS DETAIL IS 20'-2" AND MAXIMUM SUPPORTED LENGTH OF TRUSS IS 40'-0'

TWO STOREY HEIGHT WALL DETAIL

Door Schedule

NO.	WIDTH	HEIGHT 8' TO 9' CEILINGS		HEIGHT 10' OR MORE CEILINGS		TYPE
1	2'-10"	6'-8"	(865x2033)	8'-0"	(865x2439)	INSULATED ENTRANCE DOOR
1a	2'-8"	6'-8"	(815x2033)	8'-0"	(815×2439)	INSULATED FRONT DOORS
2	2'-8"	6'-8"	(815x2033)	8'-0"	(815x2439)	WOOD & GLASS DOOR
3	2'-8"	6'-8 x 1-3/4"	(815x2033x45)	8'-0" x 1-3/4"	(815x2439x45)	EXTERIOR SLAB DOOR
4	2'-8"	6'-8" x 1-3/8"	(815x2033x35)	8'-0" x 1-3/8"	(815x2439x35)	INTERIOR SLAB DOOR
5	2'-6"	6'-8" x 1-3/8"	(760x2033x35)	8'-0" x 1-3/8"	(760x2439x35)	INTERIOR SLAB DOOR
6	2'-2"	6'-8" x 1-3/8"	(660x2033x35)	8'-0" x 1-3/8"	(660x2439x35)	INTERIOR SLAB DOOR
7	1'-6"	6'-8" x 1-3/8"	(460x2033x35)	8'-0" x 1-3/8"	(460x2439x35)	INTERIOR SLAB DOOR
8	3'-0"	6'-8" x 1-3/8"	(915x2033x35)	8'-0" x 1-3/8"	(915x2439x35)	INTERIOR SLAB DOOR

AREA CALCULATIONS EL-1A

FIRST FLOOR AREA 847 Sa FI SECOND FLOOR AREA 1043 Sq. Ft 1890 Sq. Ft. TOTAL FLOOR AREA ADD OPEN AREAS 0 Sa. Ft ADD FIN, BASEMENT AREA GROSS FLOOR AREA GROUND FLOOR COVERAGE = 847 Sq. Ft GARAGE COVERAGE / AREA = 212 Sq. Ft PORCH COVERAGE / AREA = COVERAGE W/ PORCH

ADD OPEN AREAS 0 Sa. Ft. ADD FIN, BASEMENT AREA 0 Sq. Ft 0 Sq. Ft = 1890 Sa. Ft GROSS FLOOR AREA = 1894 Sa Ft GROUND FLOOR COVERAGE = 847 Sq. Ft. GARAGE COVERAGE / AREA = 212 Sq. Ft 71 Sa. Ft PORCH COVERAGE / AREA = 71 Sq. Ft = 1130 Sq. Ft COVERAGE W/ PORCH = 1130 Sq. Ft. = 104 98 Sa. m. = 104 98 Sq. m. COVERAGE W/O PORCH = 1059 Sq. Ft COVERAGE W/O PORCH = 1059 Sq. Ft. = 98.38 Sq. m. = 98.38 Sq. m.

AREA CALCULATIONS EL-2A

FIRST FLOOR AREA = 847 Sa. Ft SECOND FLOOR AREA = 1043 Sq. Ft. TOTAL FLOOR AREA = 1890 Sa. Ft ADD OPEN AREAS 0 Sa. Ft ADD FIN. BASEMENT AREA 0 Sq. Ft GROSS FLOOR AREA = 1890 Sq. Ft GROUND FLOOR COVERAGE = 847 Sq. Ft GARAGE COVERAGE / AREA = 212 Sq. Ft. PORCH COVERAGE / AREA = 50 Sa. F = 1109 Sq. Ft COVERAGE W/ PORCH 103.03 Sq. m COVERAGE W/O PORCH = 1059 Sa. F98.38 Sq. m.

AREA CALCULATIONS EL-2B

AREA CALCULATIONS EL-1B

847 Sa F

1047 Sq. Ft.

= 1894 Sq. Ft.

FIRST FLOOR AREA

SECOND FLOOR AREA

TOTAL FLOOR AREA

FIRST FLOOR AREA = 847 Sa. Ft. SECOND FLOOR AREA = 1047 Sa. Ft. = 1894 Sa. Ft. TOTAL FLOOR AREA ADD OPEN AREAS 0 Sq. F ADD FIN. BASEMENT AREA 0 Sq. Ft GROSS FLOOR AREA = 1894 sq. Ft GROUND FLOOR COVERAGE = 847 Sq. Ft. GARAGE COVERAGE / AREA = 212 Sq. Ft. PORCH COVERAGE / AREA = 50 Sq. F COVERAGE W/ PORCH = 1109 Sq. Ft 103.03 Sq. m. COVERAGE W/O PORCH = 1059 Sq. Ft 98.38 Sq. m.

AREA CALCULATIONS EL-3A

98.38 Sq. m.

FIRST FLOOR AREA 847 Sa. Ft SECOND FLOOR AREA = 1057 Sq. Ft = 1904 Sq. Ft TOTAL FLOOR AREA ADD OPEN AREAS ADD FIN. BASEMENT AREA = 0 Sa. FI GROSS FLOOR AREA = 1904 sq. Ft GROUND FLOOR COVERAGE = 847 Sq. Ft GARAGE COVERAGE / AREA = 212 Sq. Ft PORCH COVERAGE / AREA 50 Sa. Ft COVERAGE W/ PORCH 1109 Sq. Ft = 103.03 Sq. m. COVERAGE W/O PORCH = 1059 Sq. Ft

AREA CALCULATIONS EL-3B

IRST FLOOR AREA 847 Sq. F SECOND FLOOR AREA 1048 Sq. F = 1895 Sq. Ft. TOTAL FLOOR AREA ADD OPEN AREAS 0 Sq. Ft ADD FIN. BASEMENT AREA = 0 Sa. Ft GROSS FLOOR AREA 1895 sq. Ft GROUND FLOOR COVERAGE = 847 Sq. Ft GARAGE COVERAGE / AREA = 212 Sq. Ft. PORCH COVERAGE / AREA 50 Sa. F COVERAGE W/ PORCH = 1109 Sq. Ft. 103.03 Sq. m. COVERAGE W/O PORCH = 1059 Sa. Ft. 98.38 Sq. m.

SEMI LOTS

PEYTON 1 ELEVATION 1,2 & 3

A1 PACKAGE

O.REG. 332/12

STRUDET INC.



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7					
6					
5					
4					
3	JULY 2, 2020	ISSUED FOR BUILDING PERMIT			
2	JUNE 25, 2020	ISSUED FOR PRE-COORDINATION STAGE			
1	JUNE 2, 2020	ISSUED FOR BROCHURE			

No: DATE:

WORK DESCRIPTION:

64 JARDIN DR. SUITE 3A VAUGHAN ONT. L4K 3P3 TEL: 905 660-3377 FAX: 905 660-371 EMAIL: info@jardindesign.ca

The undersigned has reviewed and takes responsibili for this design and has the qualifications and meets th equirements set out in the Ontario Building Code to be QUALIFICATION INFORMATION

QUALIFICATION INFORMATION
Required unless design is except up and point on C, Subsection
3.2.5 of the building order

Walter Botter 2103 in

SIGNATURE JAME REGISTRATION INFORMATION

jardin design group inc. FIRM NAME

TITLE SHEE LAMPONE INVESTMENTS INC. CITY OF MARKHAM



3/16"=1'-0" 20-03

BUILDING STANDARDS DIVISION REVIEWED FOR COMPLIANCE WITH THE ONTARIO BUILDING CODE AND THE APPLICABLE ZONING BY-LAW



ALL CONSTRUCTION SHALL COMPLY WITH THE ONTARIO BUILDING CODE

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NOTE: THE PROPOSED DEVELOPMENT IS SUBJECT TO COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF THE ZONING BY-LAW AND ALL OTHER APPLICABLE LAWS INCLUDING THE PROVISIONS OF A SITE PLAN AND / OR SUBDIVISION AGREEMENT WHICH MAY OR MAY NOT BE REGISTERED ON TITLE

THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ENGINEER APPROVED ROOF TRUSS DRAWINGS BY MANUFACTURER

SPACE CONVENTIONAL FLOOR JOISTS @ 12" O.C. BELOW ALL CERAMIC TILE AREAS. PROVIDE 1 ROW BRIDGING FOR SPANS OF 5'-7', 2 ROWS FOR SPANS GREATER THAN 7

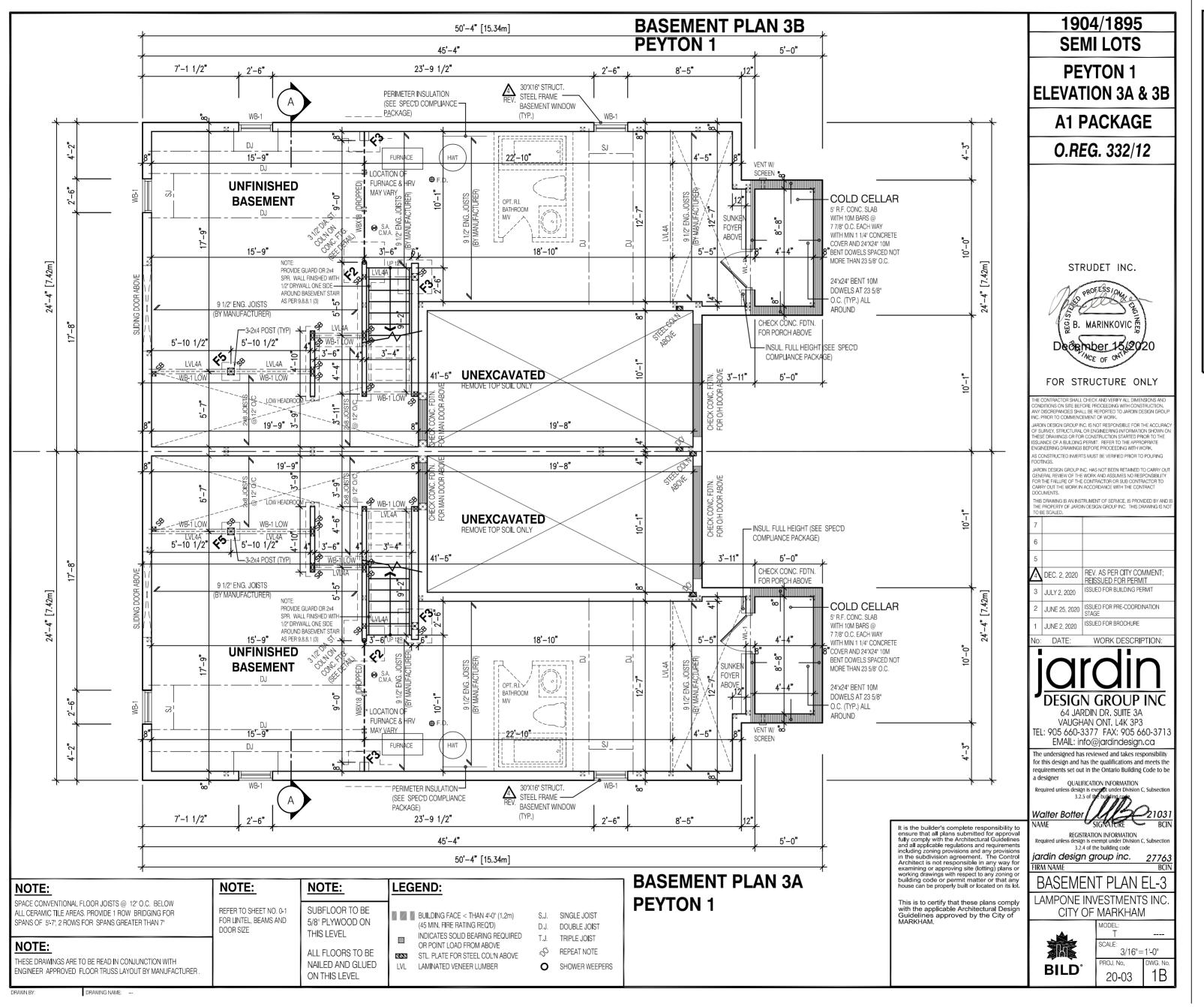
NOTE:

THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ENGINEER APPROVED FLOOR TRUSS LAYOUT BY MANUFACTURER.

NOTE:

PLANS NOT DRAWN TO ACTUAL GRADE. REFER TO FINAL GRADING PLAN

with the applicable Architectural Designation of Markham.

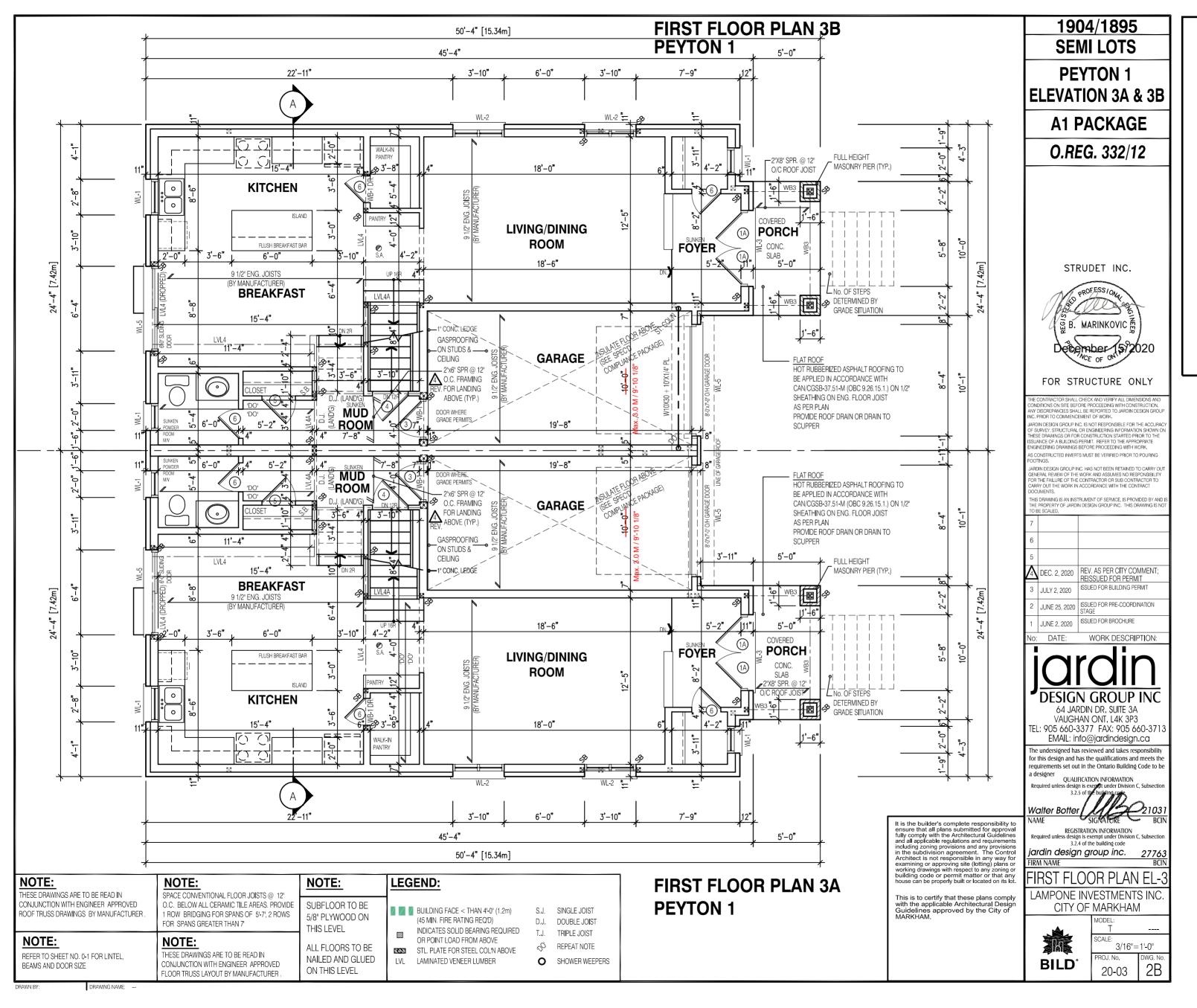






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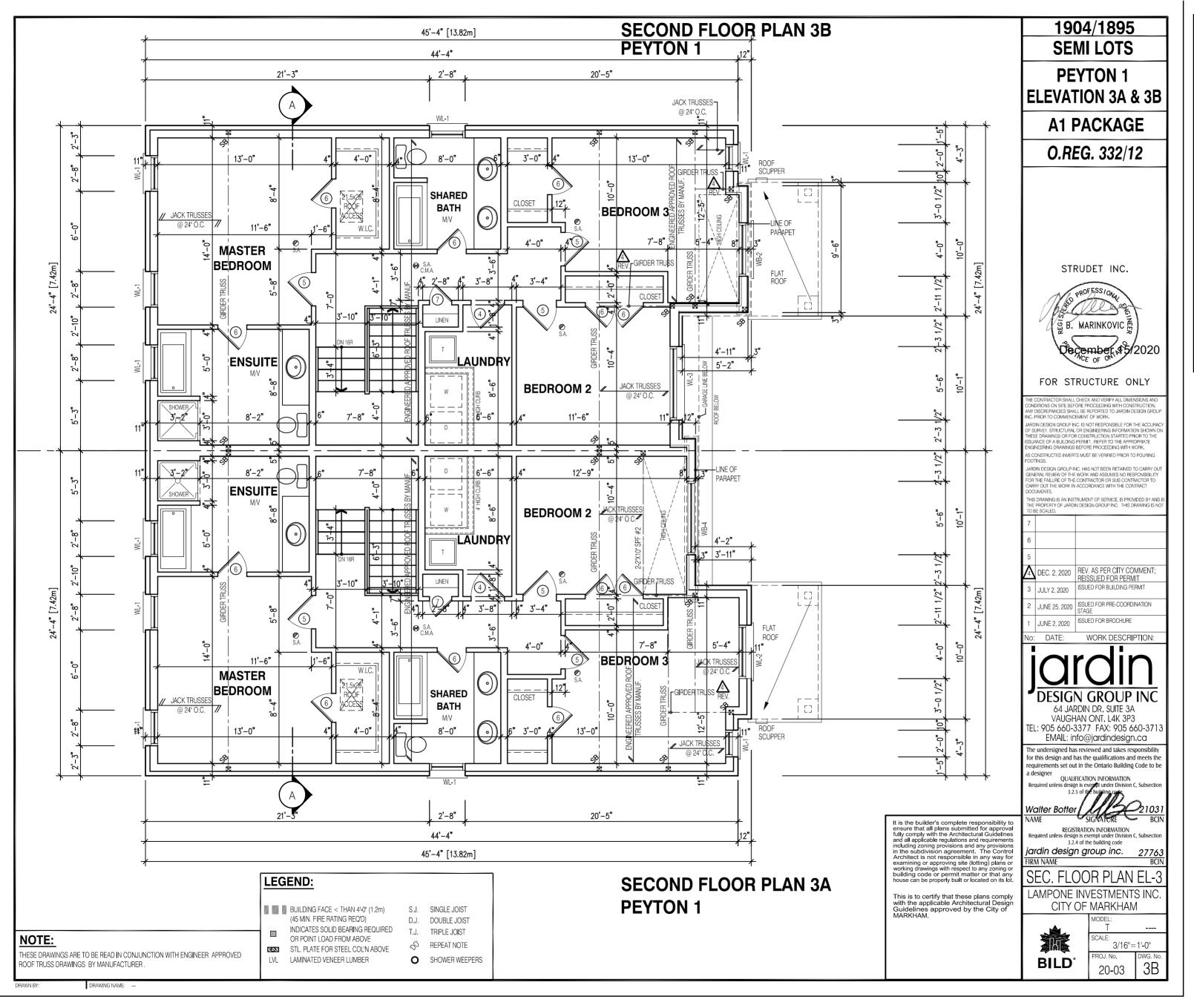




Date: 02/10/

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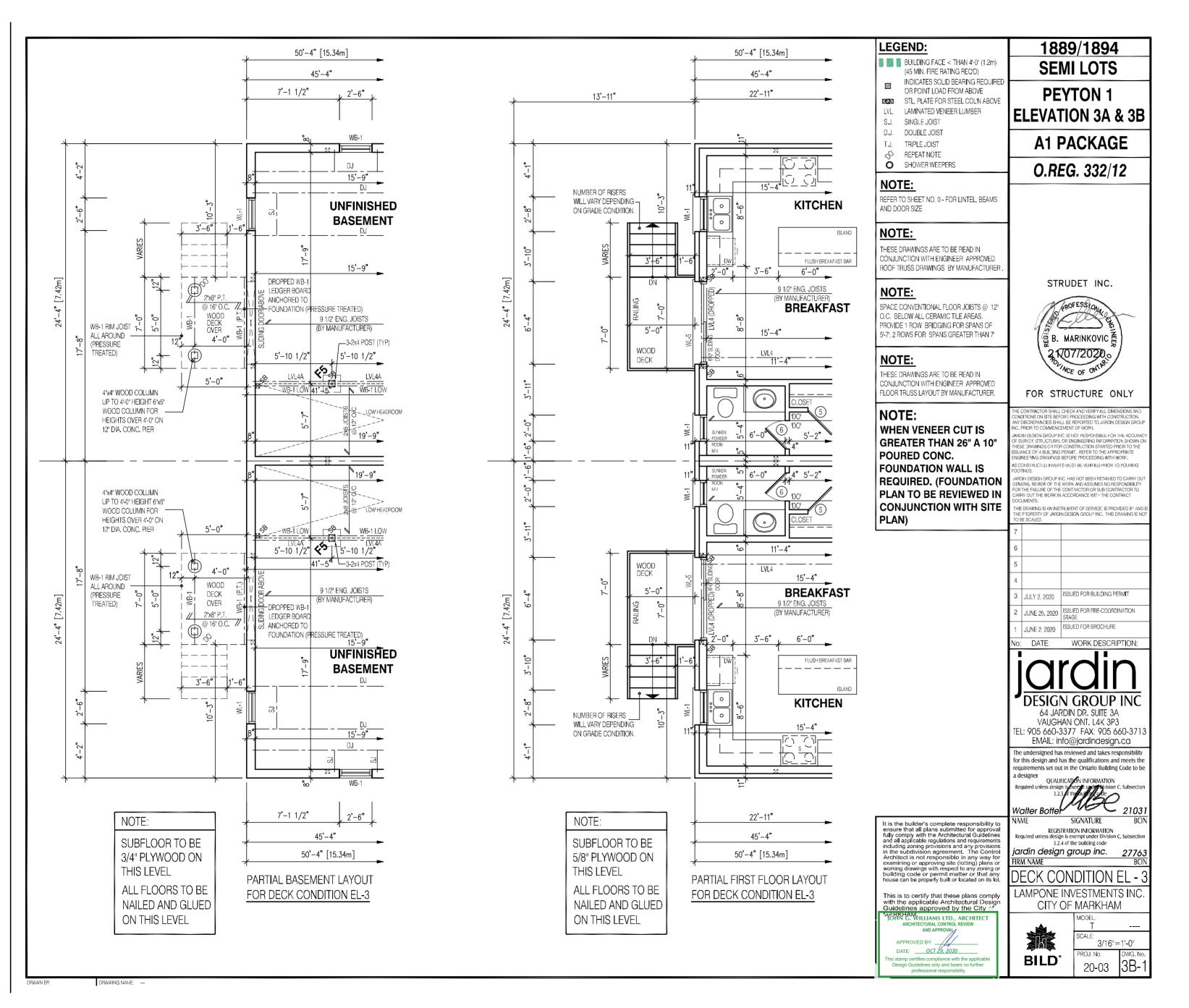




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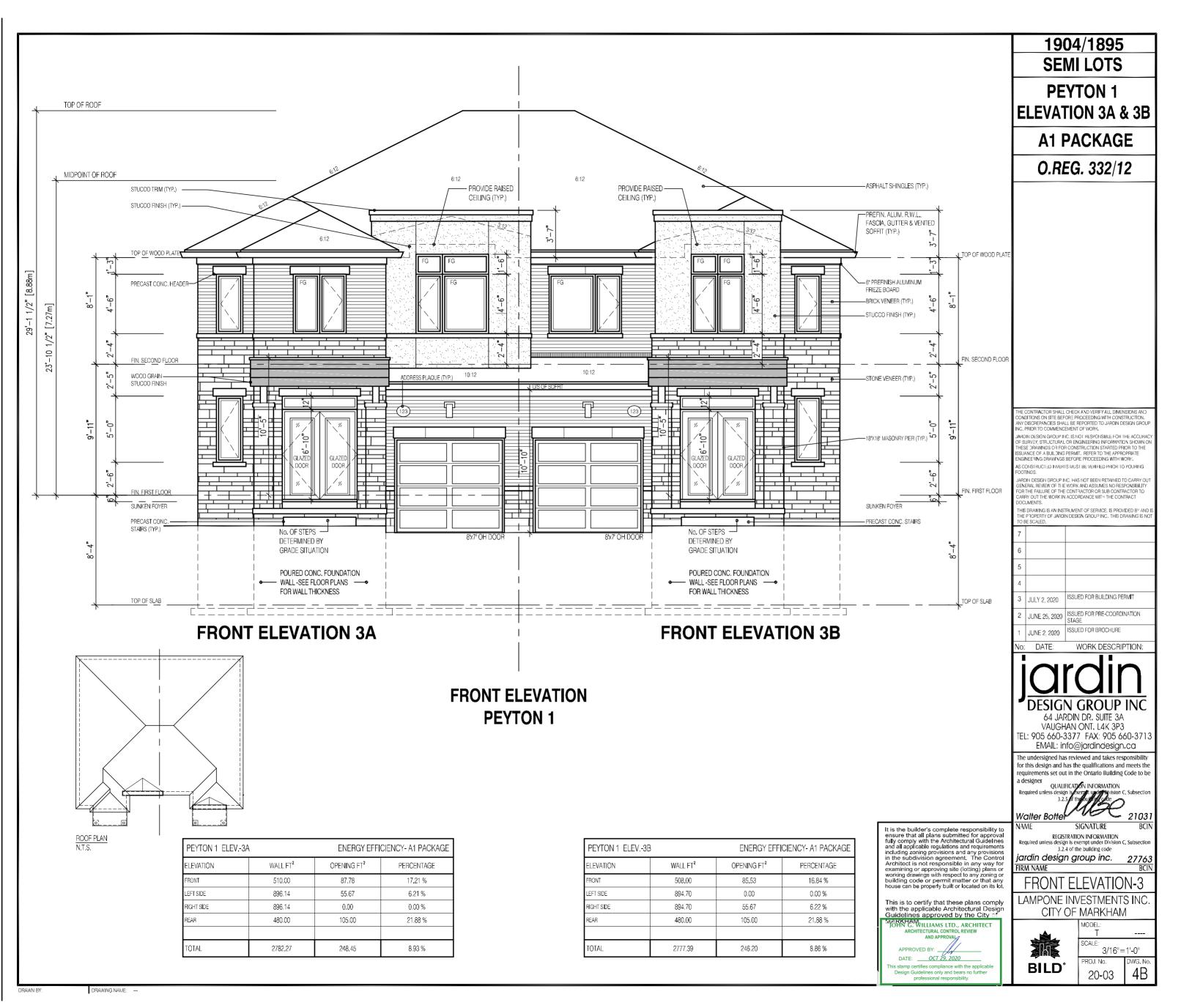






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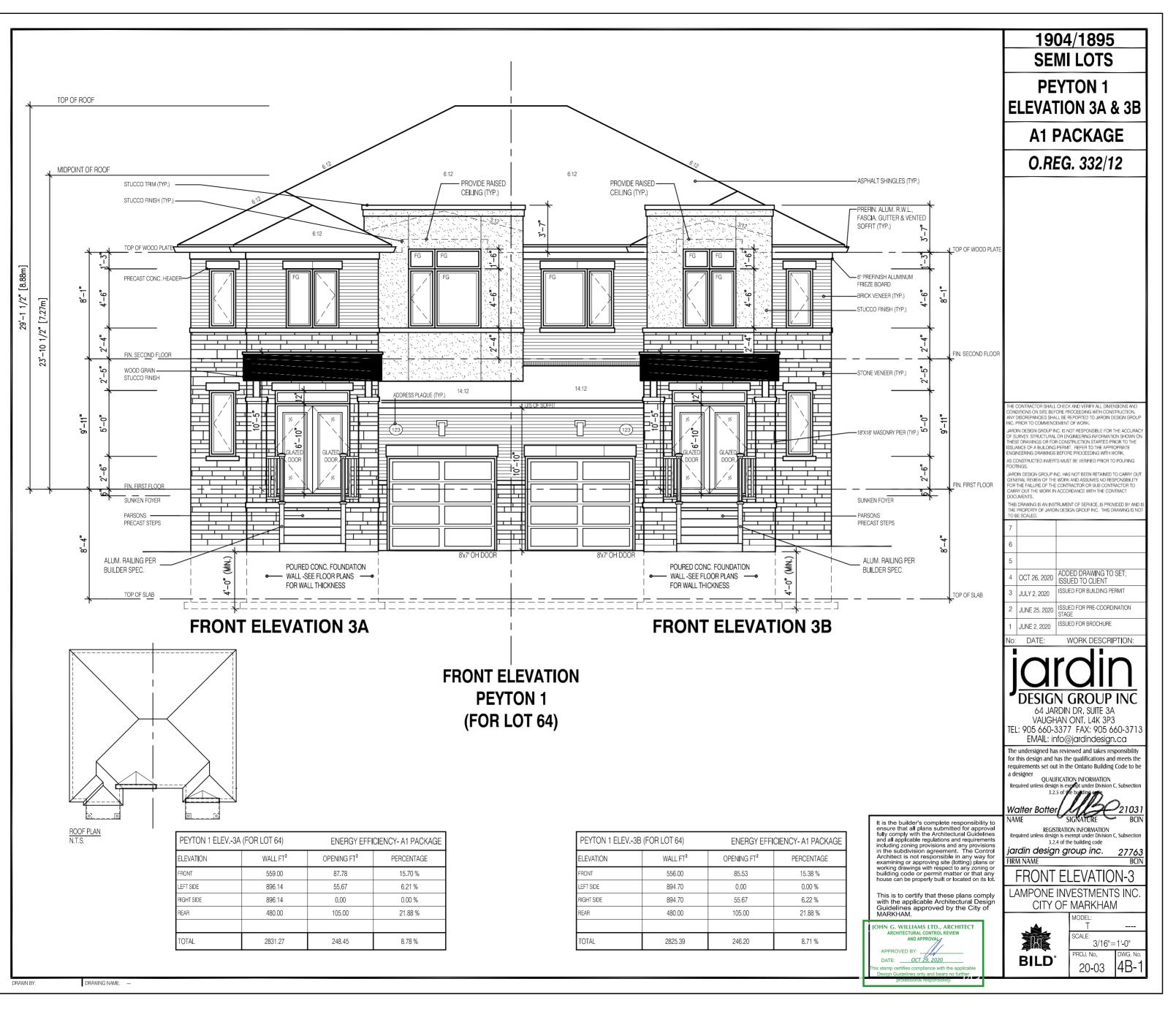




Date: **UZ/1U/Z1**

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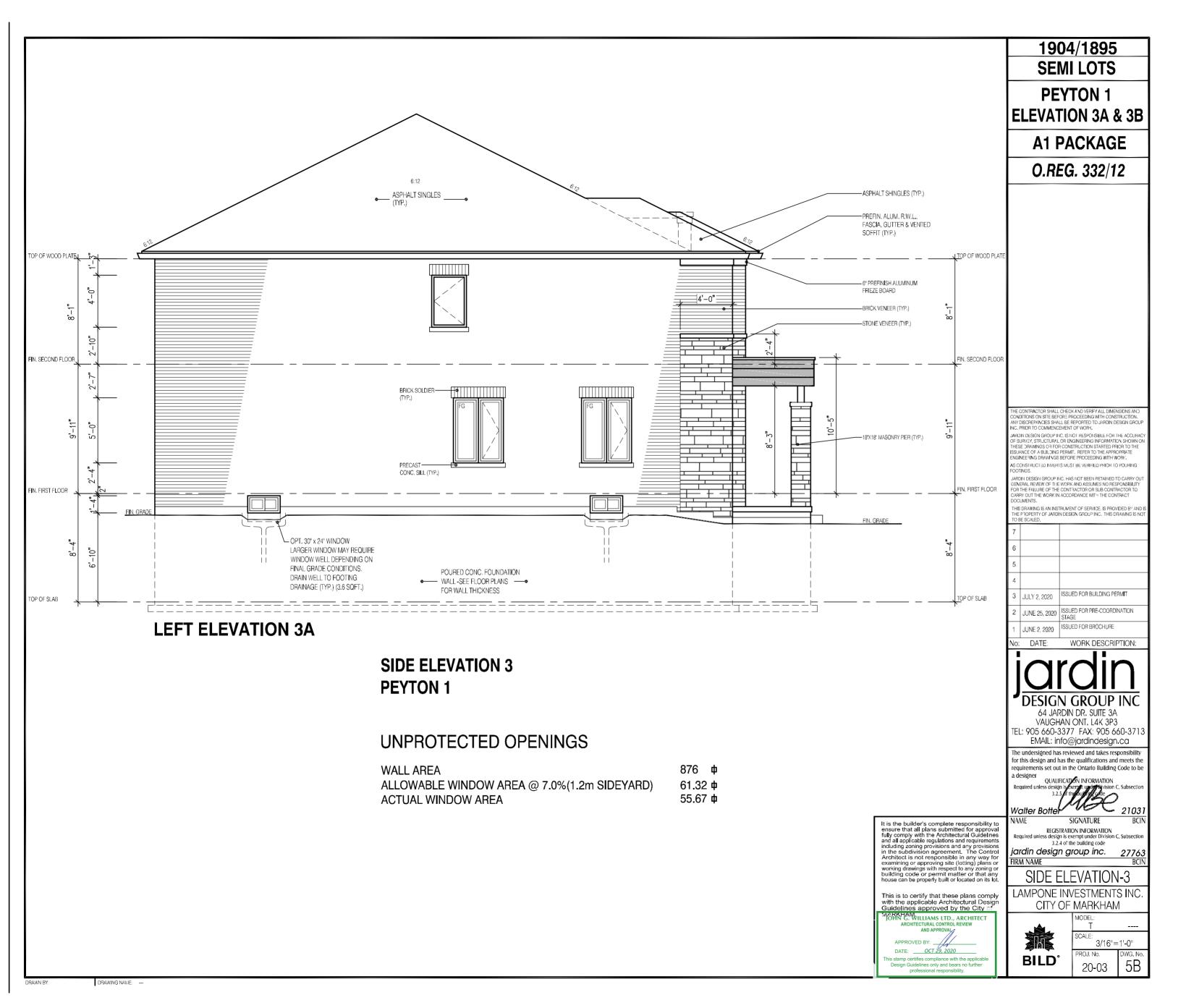
BUILDING STANDARDS DIVISION

REVIEWED FOR COMPLIANCE WITH THE ONTARIO BUILDING CODE AND THE APPLICABLE ZONING BY-LAW



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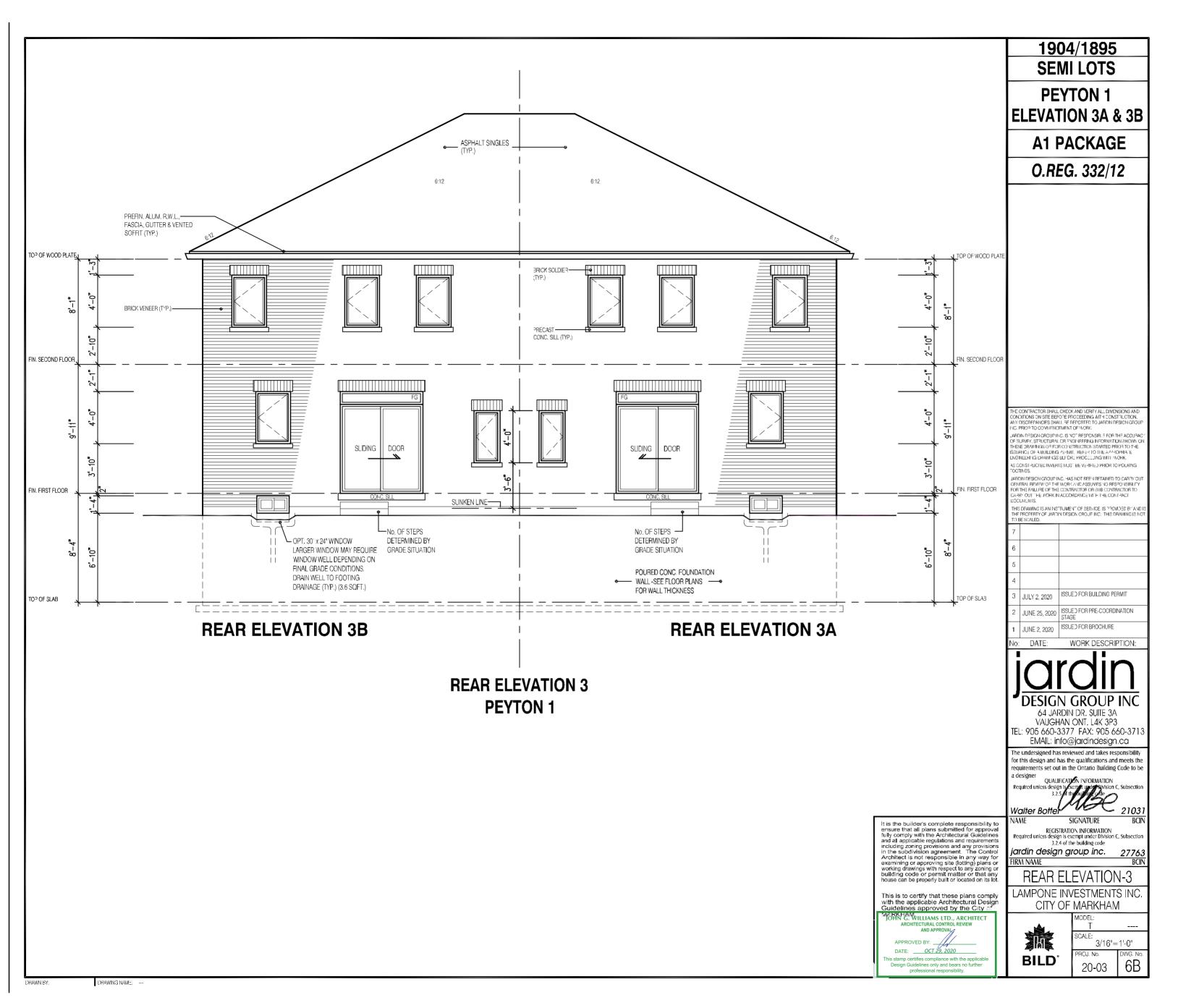




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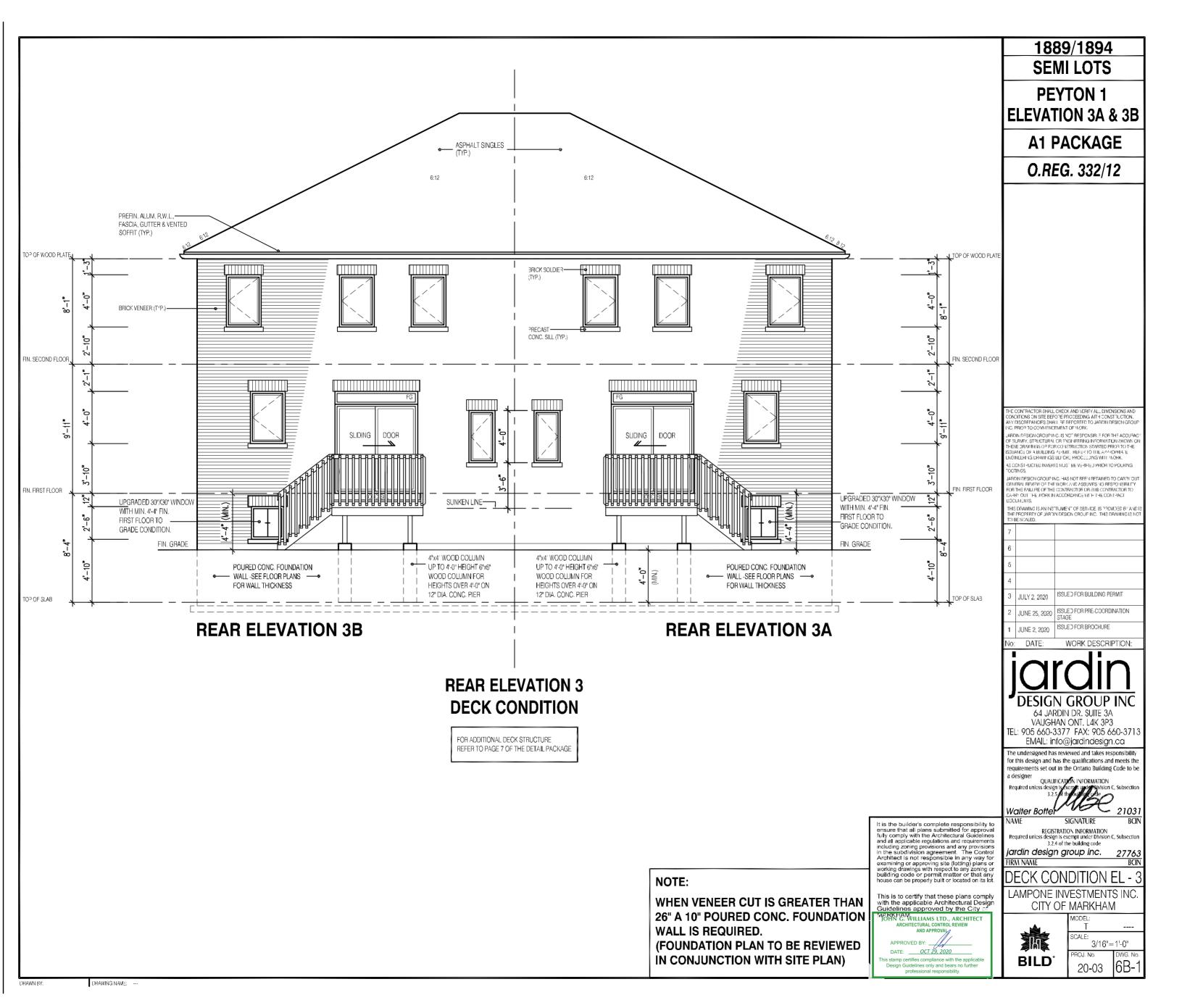




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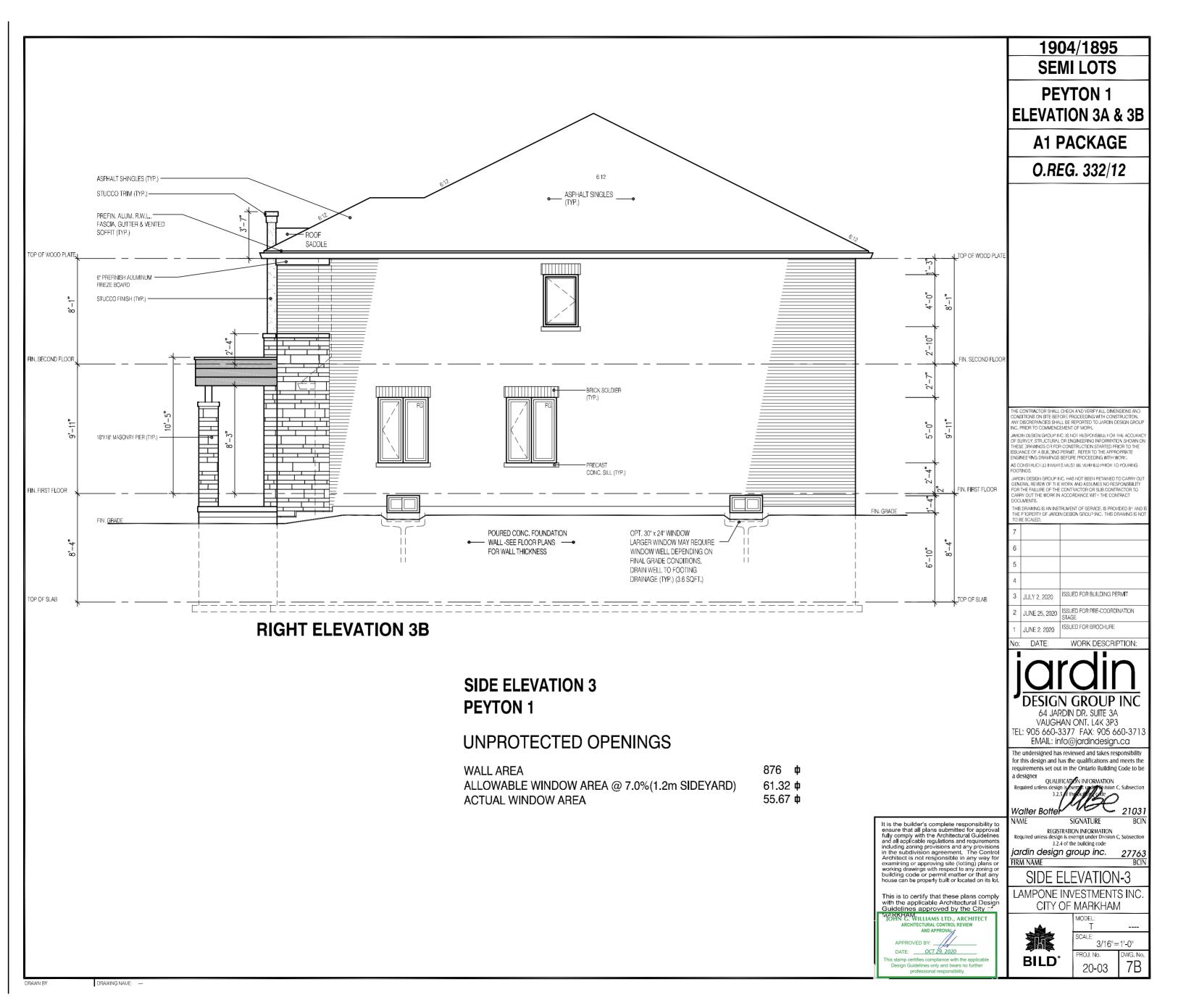




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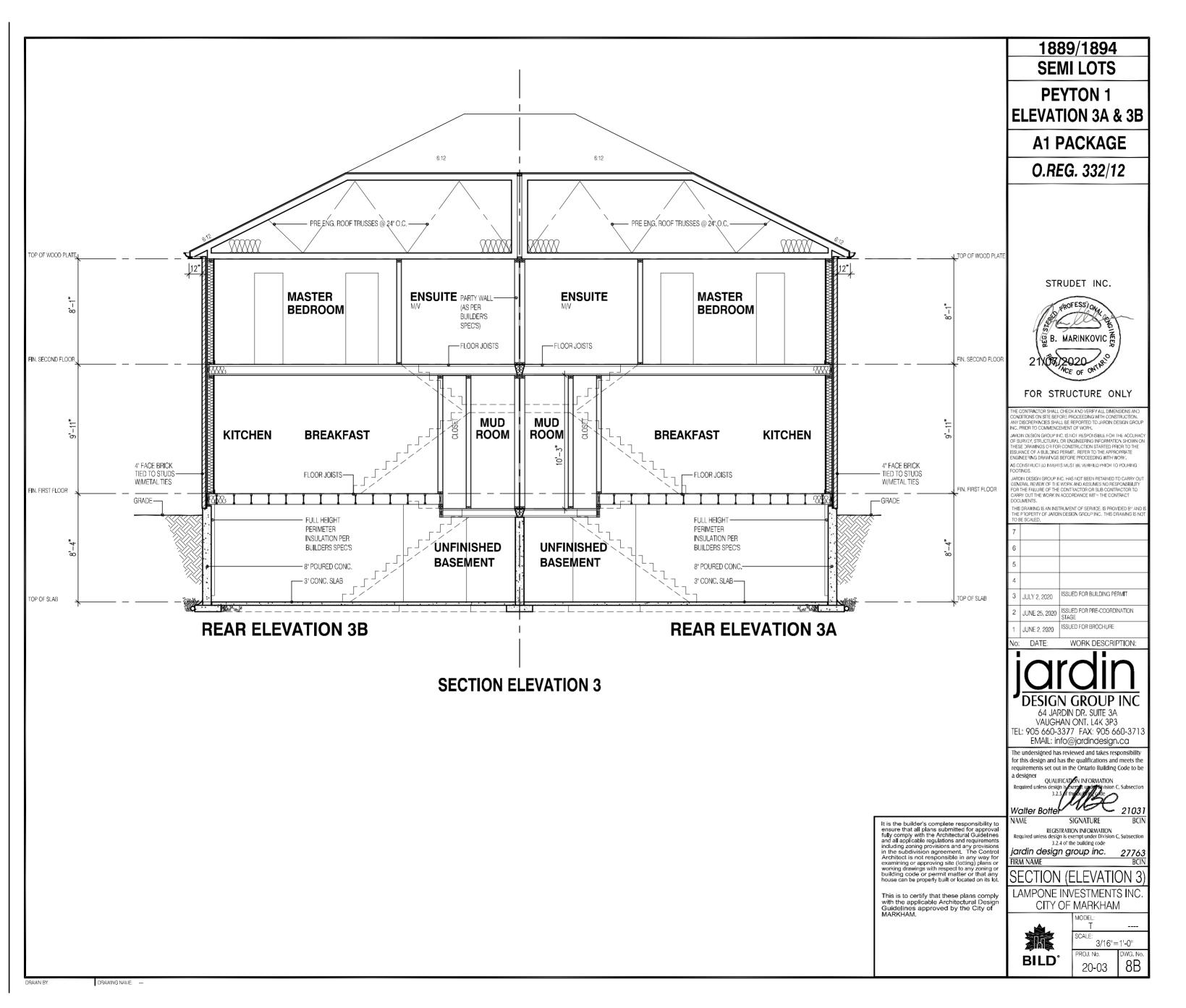
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