DOOR SHEDULE:

1 = 2'-10" x 6'-8" INSULATED ENTRANCE DOOR 1A = 2'-8" x 6'-8" INSULATED ENTRANCE DOOR

 $2 = 2'-8" \times 6'-8"$ EXTERIOR GLAZED DOOR

 $3 = 2'-8" \times 6'-8"$ SLAB DOOR (1 3/4" EXTERIOR

4 = 2'-8" x 6'-8" SLAB DOOR (1 3/8" INTERIOR)

 $5 = 2'-6'' \times 6'-8''' \text{ SLAB DOOR } (1.3/8''' \text{ INTERIOR})$

 $6 = 2'-2'' \times 6'-8''$ SLAB DOOR (1 3/8" INTERIOR)

 $7 = 1'-6" \times 6'-8"$ SLAB DOOR (1 3/8" INTERIOR)

 $8 = 2'-6'' \times 6'-8'' BI-FOLD (1 3/8'' INTERIOR)$

 $9 = 3'-0" \times 6'-8"$ BI-FOLD (1 3/8" INTERIOR)

10= 2- 2'-0" x 6'-8" BI-FOLD (1 3/8" INTERIOR)

11= 2- 2'-6" x 6'-8" BI-FOLD (1 3/8" INTERIOR) 12 = 2'-6" x 6'-8" FRENCH DOOR (1 3/8" INTERIOR)

PAD FOOTING

120 KPa NATIVE SOIL 90 KPa ENGINEERED FILL SOIL

F1 = 42"x42"x18" CONCRETE PAD F1 = 48"x48"x20" CONCRETE PAD

F2 = 36"x36"x16" CONCRETE PAD F2 = 40"x40"x16" CONCRETE PAD

F3 = 30"x30"x12" CONCRETE PAD F3 = 34"x34"x14" CONCRETE PAD F4 = 24"x24"x12" CONCRETE PAD F4 = 28"x28"x12" CONCRETE PAD

F5 = 16"x16"x8" CONCRETE PAD F5 = 18"x18"x8" CONCRETE PAD

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

NOTE:

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

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

BRICK VENEER LINTELS:

 $WL1 = 3 \frac{1}{2} \times 3 \frac{1}{2} \times 1 \frac{4}{90} (90x90x6) + 2 - 2 \times 8 \times SPR.$ WL2 = 4" x 3 1\2" x 5\16" (100x90x8) + 2- 2" x 8" SPR.

 $WL3 = 5'' \times 3 \times 12'' \times 5 \times 16'' \times 125 \times 90 \times 8) + 2 - 2'' \times 10'' SPR.$ $WL4 = 6" \times 3 \times 1/2" \times 3/8" (150 \times 90 \times 10) + 2 - 2" \times 12" SPR.$

 $WL5 = 6" \times 4" \times 3\8" (150\times100\times10) + 2-2" \times 12" SPR.$

 $WL6 = 5" \times 3 \times 12" \times 5 \times 16" \times 125 \times 90 \times 8) + 2 \times 2" \times 12" SPR.$ $WL7 = 5" \times 3 \times 12" \times 5 \times 16" (125 \times 90 \times 8) + 3 - 2" \times 10" SPR.$ WL8 = 5" x 3 1\2" x 5\16" (125x90x8) + 3- 2" x12" SPR. $WL9 = 6" \times 4" \times 3\8" (150\times100\times10) + 3-2" \times 12" SPR.$

WOOD LINTELS:

WB1 = 2-2" x 8" SPRUCE BEAM WB6 = 3-2" x 12" SPRUCE BEAM WB2 = 3-2" x 8" SPRUCE BEAM WB7 = 5-2" x 12" SPRUCE BEAM WB3 = 2-2" x 10" SPRUCE BEAM WB10 = 4-2" x 8" SPRUCE BEAM WB4 = 3-2" x 10" SPRUCE BEAM WB11 = 4-2" x 10" SPRUCE BEAM

WB5 = 2-2" x 12" SPRUCE BEAM

STEEL LINTELS:

 $L1 = 3.1 \times 3.1 \times 1.4$ (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" x 3 1\2" x 5\16" (125 x 90 x 8) L6 = 7" x 4" x 3\8" (180 x 100 x 10)

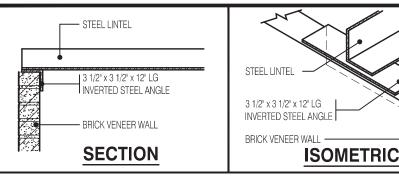
LAMINATED VENEER LUMBER (LVL BEAMS)

 $|V| 1A = 1.1 3/4" \times 7 1/4" (1.45 \times 184)$ $LVL1 = 2-1 3/4" \times 7 1/4" (2-45\times184)$ $LVL2 = 3-1 3/4" \times 7 1/4" (3-45 \times 184)$ $LVL3 = 4-13/4" \times 71/4" (4-45\times184)$ $LVL4A = 1-13/4" \times 91/2" (1-45x240)$ $LVL4 = 2-1 3/4" \times 9 1/2" (2-45x240)$ LVL5 = 3-1 3/4" x 9 1/2" (3-45x240) $LVL5A = 4-1 3/4" \times 9 1/2" (4-45x240)$ LVL6A= 1-1 3/4" x 11 7/8" (1-45x300 LVL6 = 2-1 3/4" x 11 7/8" (2-45x300) LVL7 = 3-13/4" x 117/8" (3-45x300

LVL7A= 4-1 3/4" x 11 7/8" (4-45x300)

LVL8 = 2-13/4" $\times 14$ " (2-45x356) NOT THE GRANTING OF A PERMIT NOR REVIEWING OF SPE $LVL9 = 3-13/4" \times 14" (3-45x356)$ & DRAWINGS NOR INSPECTIONS MADE DURING INSTALLATI BY THE OFFICIAL HAVING JURISDICTION SHALL RELIEVE TI

CODE AND ANY OTHER REFERENCED REQUIREMENTS.



INVERTED STEEL ANGLE DETAIL

WALL FT²

545.06

1231.39

1206.83

527.78

3511.06

WALL FT²

544.76

1237 45

1206.83

527.78

3516.82

CHERRY 12 ELEV.-1

ELEVATION

EFT SIDE

RIGHT SIDE

ALL NEW WINDOWS AND SLIDING GLASS DOOR

TO COMPLY WITH THE THERMAL REQUIREMENTS

OF SB-12. MAX U-1.6, ER-25

OORING IN KITCHENS, WASHROOMS, LAUNDR

AND STORAGE AREAS, SHALL CONSIST OF FELTED-SYNTHETIC-FIBRE FLOOR COVERING, CONCRETE, TILE, OR OTHER FLOORING

PROVIDING A SIMILAR WATER RESISTANCE

SECTION 9.27 OF DIVISION B OR HAVE A CCMO OR BMEC APPROVAL, OR A MINISTERS RULING

ELEVATION

FRONT

EFT SIDE

RIGHT SIDE

REAR

TOTAL

ROOF TRUSS DRAWINGS BY MANUFACTURER

CHERRY 12 ELEV.-2

MAX. HOT WATER TEMP. SHALL NOT

EXCEED 49°C (120°F) EXCEPT FOR DISHWASHERS AND CLOTHES WASHERS

REAR

Scale: 3/4" = 1'-0"

ENERGY EFFICIENCY-SB12

PERCENTAGE

15.17 %

15.48 %

1.74 %

24.53 %

12 07 %

OPENING FT

82.68

190.68

21.00

129.45

423 81

A SEPARATE PERMIT IS REQUIRED FOR THE

FINISHING OF ALL ROUGHIN PLUBMING FIXTURES

OPENING FT²

76.33

179 33

21.00

129 45

406.11

ON EACH FLOOR LEVEL AND WITHIN EACH SLEEPING ROOM. ALL SMOKE ALARMS SHALL BE INTERCONNECTED. EACH DEVICE SHALL HAVE A VISUAL

SIGNALING COMPONENT IN ADDITION TO THE TEMPORAL PATTERN IN

CONFORMANCE WITH 18.5.3. OF "LIGHT, COLOUR AND PULSE

ENERGY EFFICIENCY- SB12

PERCENTAGE

14.01 %

14.49 %

1.74 %

24.53 %

11.55 %

CEILING W/O ATTIC SPACE

SLAB > 600mm BELOW GRADE

SPACE HEATING EQUIPMENT

DOMESTIC WATER HEATER

HEATED SLAB OR < 600mm BELOW GRADE

EDGE OF SLAB < 600mm BELOW GRADE

WINDOWS AND SLIDING GLASS DOORS

DRAIN WATER HEAT RECOVERY UNIT

EXPOSED FLOOR

SKYLIGHTS.

BASEMENT WALLS

WALLS ABOVE GRADE

A CARBON MONOXIDE DETECTOR SHALL BE LOCATED ADJACENT TO SLEEPING AREAS

PORCH SLAB SHALL BE REVIEWED PRIOR TO POURING CONRETE (see inspector)

PROVIDE P.ENG APPROVED TRUSS & FLOOR INSPECTOR AT FRAMING INSPECTION

INSTALLATION OF FLUSH STEEL BEAMS HALL CONFORM TO THE REQUIREMENTS OF

ING SOILS REPORT MAY BE REQ'D CONFIRM BEARING CAPACITY OF SOILS. SEE FIELD INSPECTOR

FINAL GRADING CERTIFICATE REQ'D EFORE FINAL INSPECTION SIGN-OFF

SLAZING PRODUCTS IDENTIFYING THE CERTIFIED VALUES SHALL REMAIN ON FOR REVIEW DURING CONSTRUCTION

AREA CALCULATIONS EL-1

FIRST FLOOR AREA 1054 Sq. Ft. = 1292 Sq. Ft. SECOND FLOOR AREA TOTAL FLOOR AREA 2346 Sq. Ft. ADD OPEN AREAS 0 Sa. Ft. ADD FIN. BASEMENT AREA = 0 Sq. Ft. 2346 sq. Ft. GROSS FLOOR AREA GROUND FLOOR COVERAGE = 1054 Sq. Ft. 300 Sq. Ft GARAGE COVERAGE / AREA = 139 Sq. Ft. PORCH COVERAGE / AREA = = 1493 Sa. Ft. COVERAGE W/ PORCH $= 138.70 \, \text{Sa. m.}$ = 1354 Sa. Ft. COVERAGE W/O PORCH = 125.79 Sq. m.

AREA CALCULATIONS EL-2

FIRST FLOOR AREA SECOND FLOOR AREA TOTAL FLOOR AREA ADD OPEN AREAS ADD FIN. BASEMENT AREA = GROSS FLOOR AREA GROUND FLOOR COVERAGE = = PORCH COVERAGE / AREA

COVERAGE W/ PORCH

R31

R31

R22

R20ci

R10

R10

MAX. U0.28 ER25

MIN. AFUE 96%

MIN. SRE 75%

MIN. EF. 0.80

MIN. 42%

MAX. U0.49

SB-12 - COMPLIANCE PACKAGE **A1** CEILING WITH ATTIC SPACE

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:

NOTE:

NOTE:

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

THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ENGINEER APPROVED

NOTE:

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

= 1054 Sq. Ft = 1300 Sa. Ft. 2354 Sq. Ft 0 Sq. Ft 0 Sq. Ft 2354 Sq. Ft 1054 Sa. Ft GARAGE COVERAGE / AREA = 300 Sa. Ft 139 Sq. Ft = 1493 Sq. Ft $= 138.70 \, \text{Sa. m.}$ = 1354 Sq. Ft COVERAGE W/O PORCH $= 125.79 \, \text{Sg. m.}$

LEGEND:

BUILDING FACE < THAN 4'-0" (1.2m) (45 MIN. FIRE RATING REQ'D)

CITY OF CAMBRIDGE BUILDING DIVISION

36

<u>و</u>

3

Units

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STRUDET INC.

PROFESS/ON

- thin

B. MARINKOVIC

VCE OF ON

FOR STRUCTURE ONLY

INDICATES SOLID BEARING REQUIRED OR POINT LOAD FROM ABOVE 202 STL. PLATE FOR STEEL COL'N ABOVE

LVL LAMINATED VENEER LUMBER

S.J. SINGLE JOIST

DOUBLE JOIST D.J.

T.J. TRIPLE JOIST

REPEAT NOTE SHOWER WEEPERS 0

2346

6.10m LOTS

CHERRY 12 (GR) **ELEVATION 1 & 2**

A1 PACKAGE

O.REG. 332/12

CONDITIONS ON SITE BEFORE PROCEEDING WITH CONSTRUCTION Y DISCREPANCIES SHALL BE REPORTED TO JARDIN DESIGN GROU NC. PRIOR TO COMMENCEMENT OF WORK.

ARDIN DESIGN GROUP INC. IS NOT RESPONSIBLE FOR THE ACCURA OF SURVEY, STRUCTURAL OR ENGINEERING INFORMATION SHOWN HESE DRAWINGS OR FOR CONSTRUCTION STARTED PRIOR TO TH SUANCE OF A BUILDING PERMIT. REFER TO THE APPROPRIATE NGINEERING DRAWINGS BEFORE PROCEEDING WITH WORK.

AS CONSTRUCTED INVERTS MUST BE VERIFIED PRIOR TO POURING JARDIN DESIGN GROUP INC. HAS NOT BEEN BETAINED TO CARRY OF

NAHUM DESIGN GROUP INC. HAS NOT BEEN HETAINED TO CARRY OL SENERAL REVIEW OF THE WORK AND ASSUMES NO RESPONSIBILITY OOR THE FAILURE OF THE CONTRACTOR OR SUB CONTRACTOR TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT OCUMENTS.

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7		
6		
5		
4	AUG. 31, 2022	ISSUED FOR BUILDING PERMIT
3	AUG. 29, 2022	COORDINATED FLOOR, ROOF AN ENGINEER COMMENTS
2	JUN. 20, 2022	PREPARED TO PRE-COORDINATI STAGE & ISSUED TO CLIENT

1 MAR. 28, 2022 ISSUED TO CLIENT FOR BROCHURE DATE: WORK DESCRIPTION:

DESIGN GROUP INC

64 JARDIN DR. SUITE 3A VAUGHAN ONT, L4K 3P3 TEL: 905 660-3377 FAX: 905 660-3713 EMAIL: info@jardindesian.ca

The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer

QUALIFICATION INFORMATION 3.2.5 of

Walter Botter

REGISTRATION INFORMATION Required unless design is exempt under Division C, Subsection 3.2.4 of the building code 27763

jardin design group inc. FIRM NAME

TITLE PAGE

BARLASSINA CONSTRUCTION CITY OF CAMBRIDGE



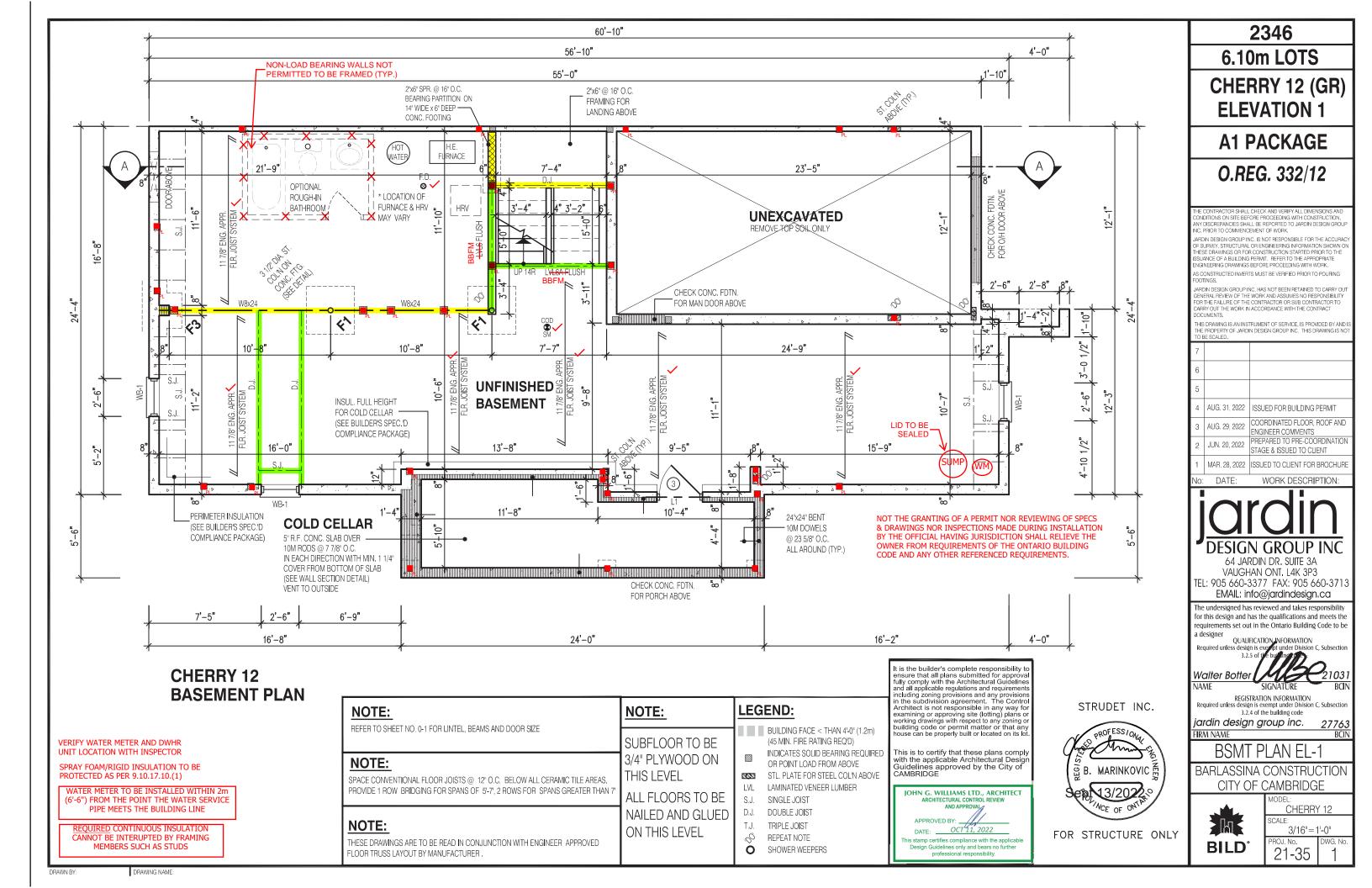
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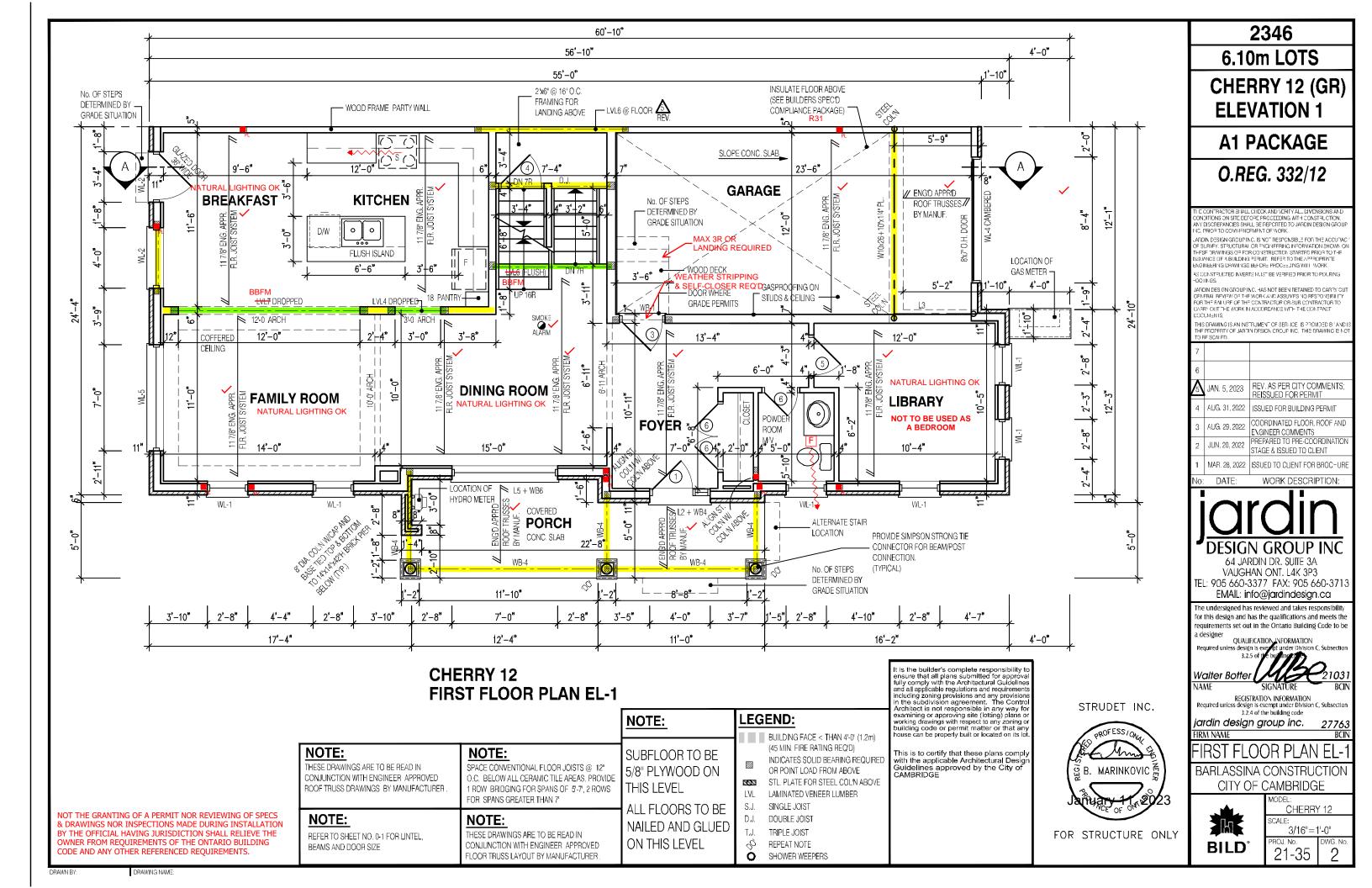
CHERRY 12

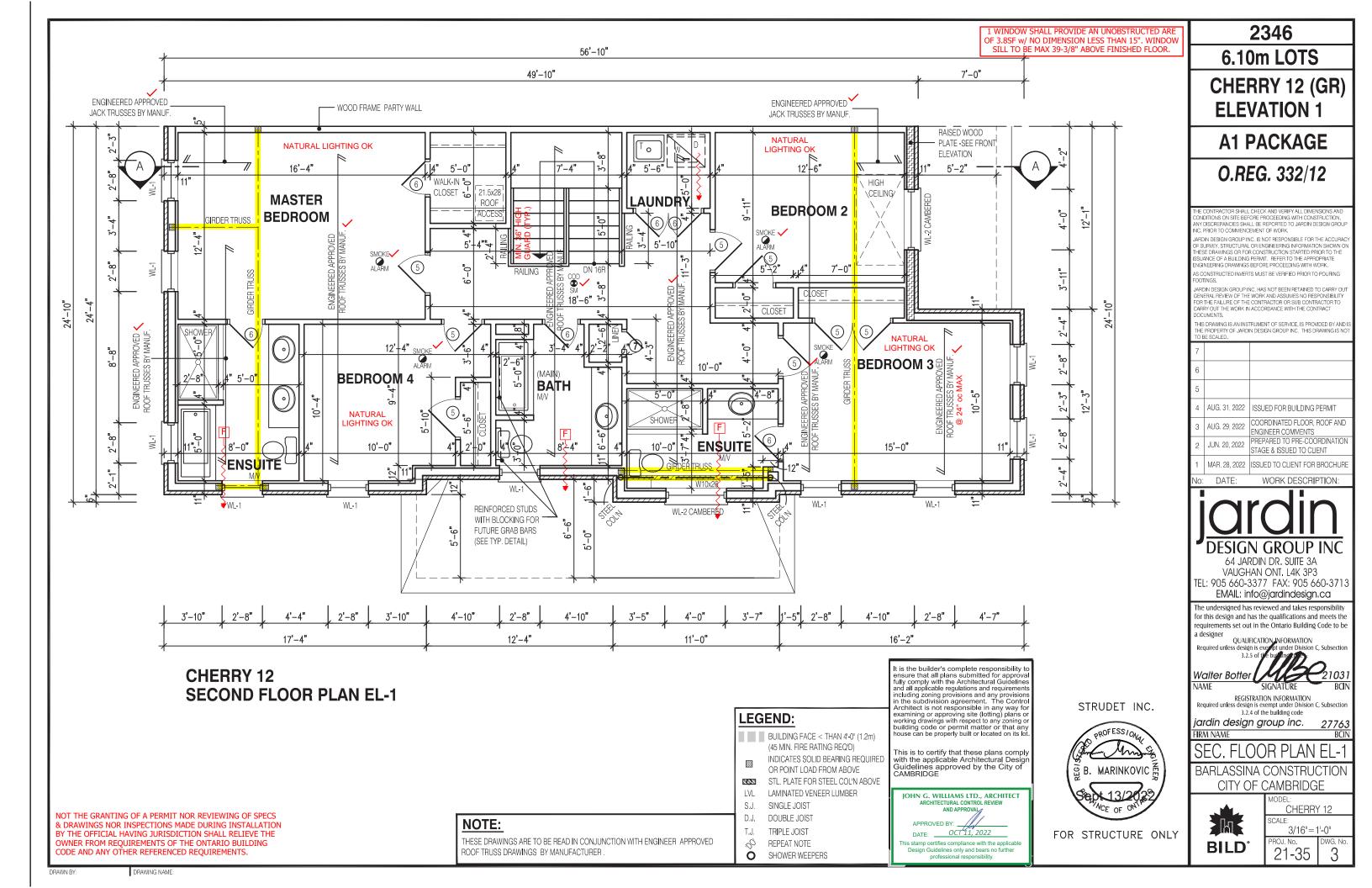
SCALE: 3/16"=1'-0"

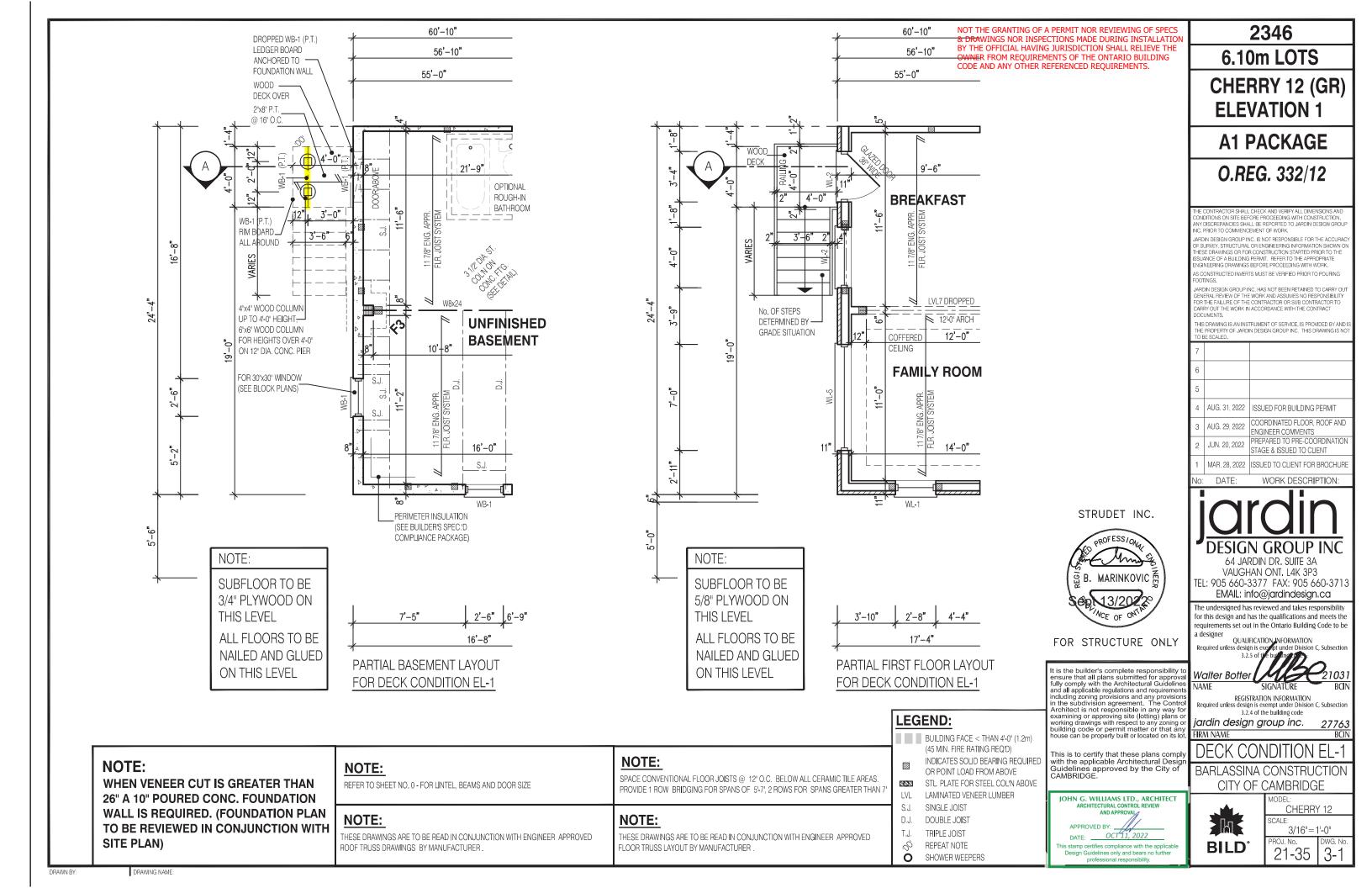
ROJ. No. 21-35

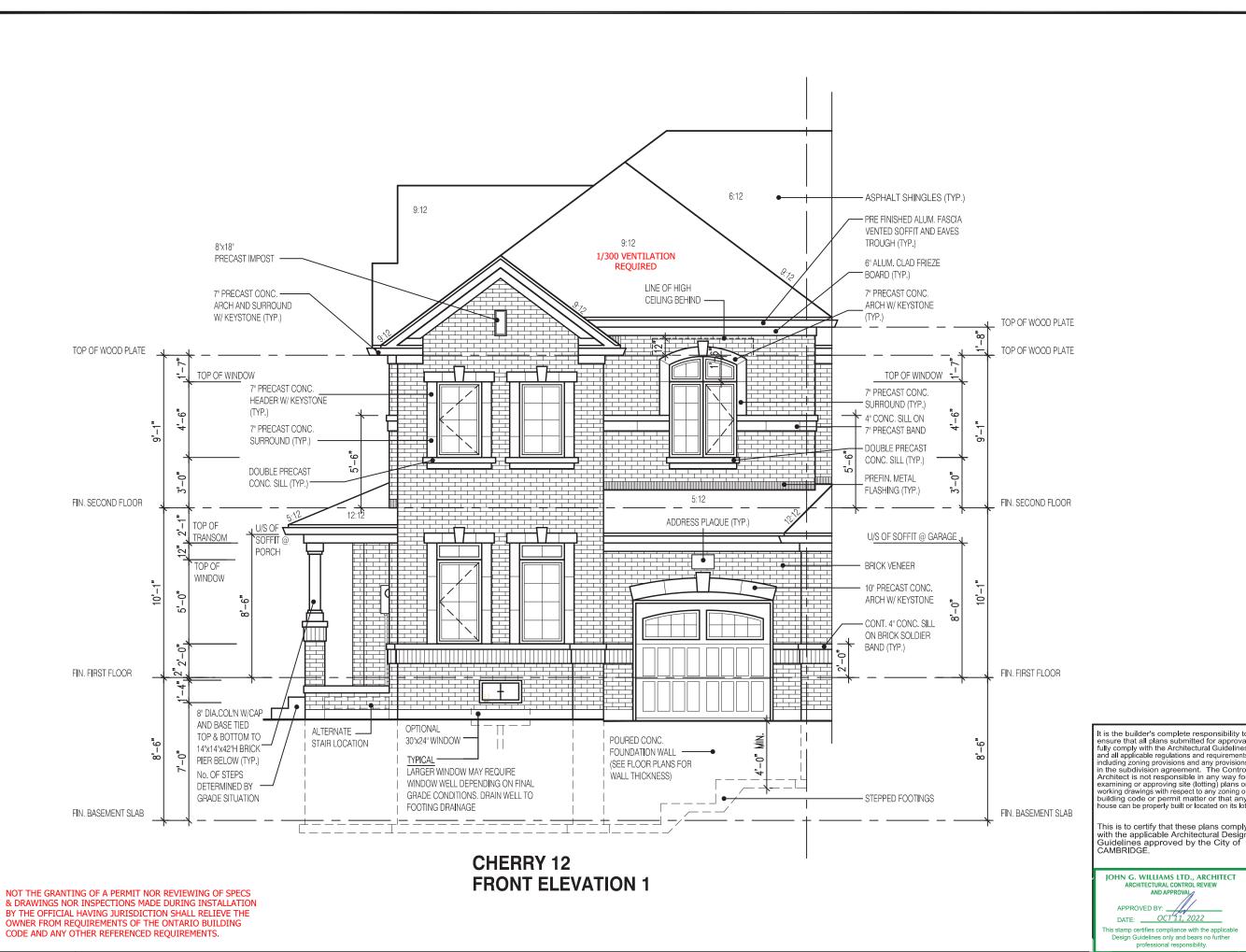
DRAWING NAME











2346

6.10m LOTS

CHERRY 12 (GR) **ELEVATION 1**

A1 PACKAGE

O.REG. 332/12

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JARDIN DESIGN GROUP INC. IS NOT RESPONSIBLE FOR THE ACCURA ARBINI DESIGN ORDUP INC. IS NOT RESPONSIBLE FOR THE ACCURY OF SURVEY, STRUCTURAL OR ENGINEERING INFORMATION SHOWN THESE DRAWINGS OR FOR CONSTRUCTION STARTED PRIOR TO THE SSUANCE OF A BUILDING PERMIT. REFER TO THE APPROPRIATE ENGINEERING DRAWINGS BEFORE PROCEEDING WITH WORK.

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6		
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QUALIFICATION_INFORMATION

Walter Botter NAME

REGISTRATION INFORMATION Required unless design is exempt under Division C, Subsection 3.2.4 of the building code

iardin design group inc.

IRM NAME

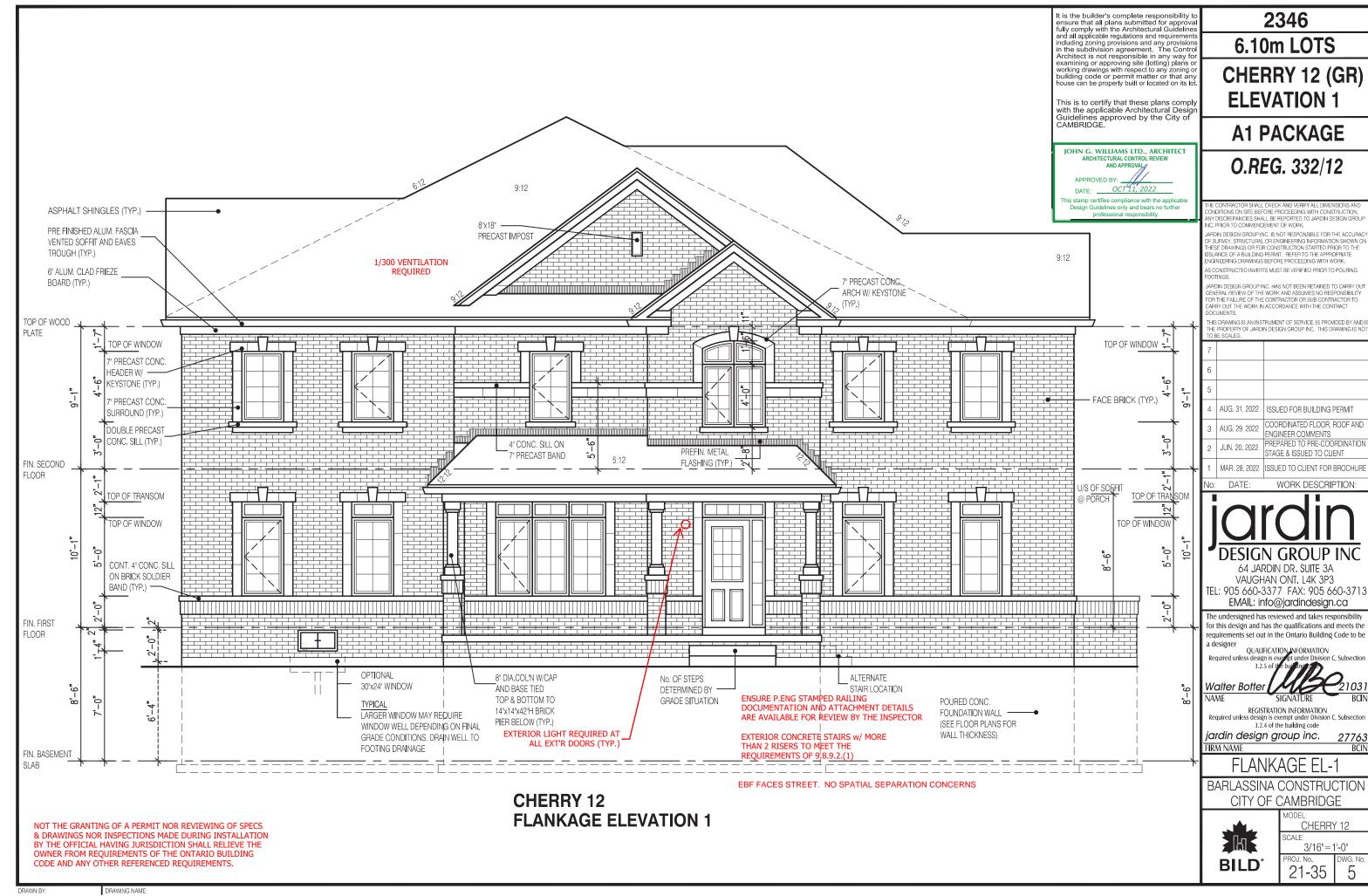
FRONT ELEVATION 1

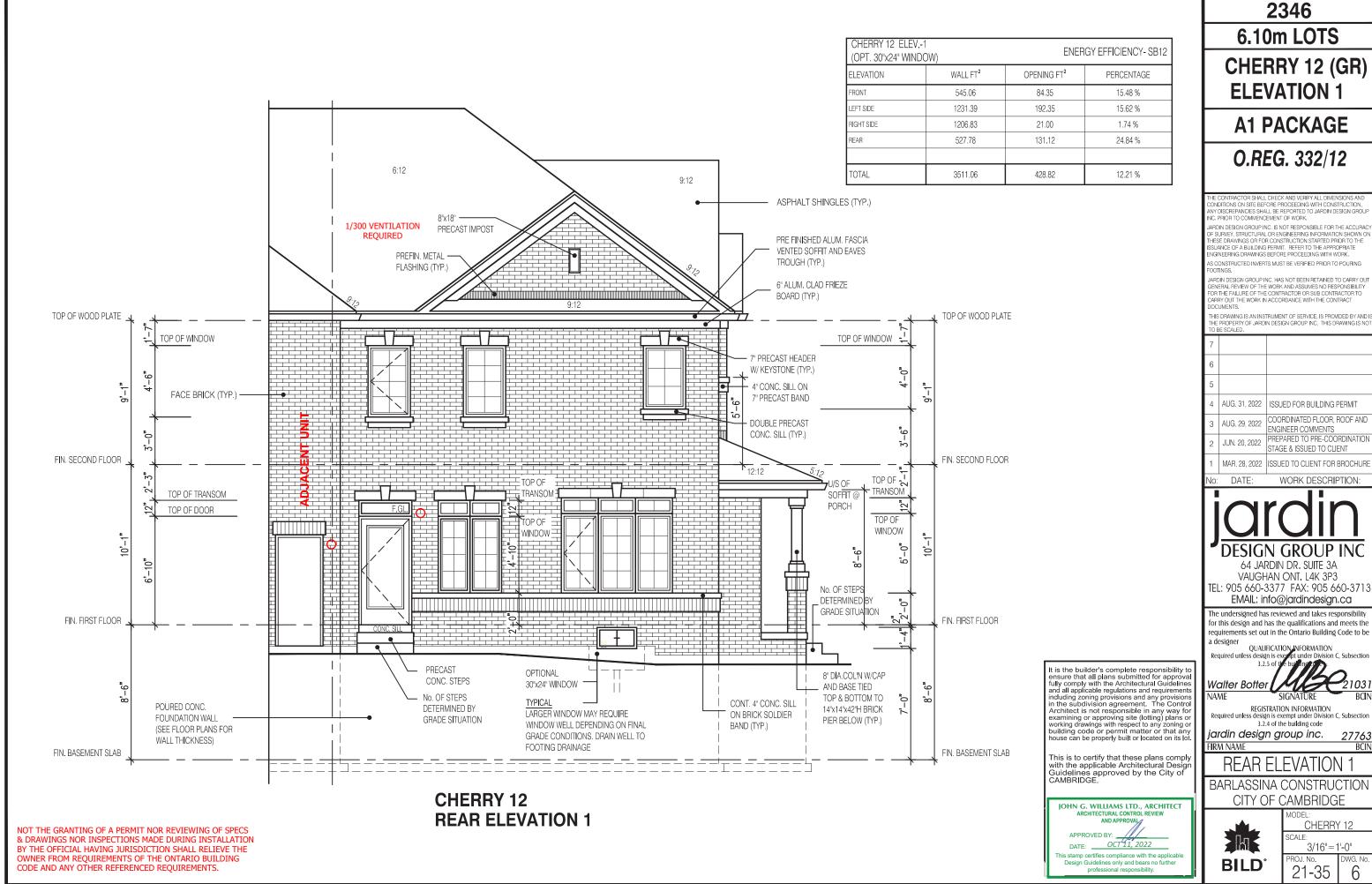
BARLASSINA CONSTRUCTION CITY OF CAMBRIDGE



CHERRY 12 SCALE: 3/16"=1'-0" ROJ. No.

21-35





IY DISCREPANCIES SHALL BE REPORTED TO JARDIN DESIGN GROU

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