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

 $4 = 2'-8" \times 6'-8"$ 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:

 $WL1 = 3 \frac{1}{2} \times 3 \frac{1}{2} \times 1 \frac{4}{90} \times 90 \times 6 + 2 - 2 \times 8 \times SPR.$ WL2 = 4" x 3 1\2" x 5\16" (100x90x8) + 2- 2" x 8" SPR.

 $WL3 = 5" \times 3 1\2" \times 5\16" (125\times90\times8) + 2-2" \times 10" SPR.$ $WL4 = 6" \times 3 \times 1/2" \times 3/8" (150 \times 90 \times 10) + 2 - 2" \times 12" SPR.$ $WL6 = 5" \times 3 \times 12" \times 5 \times 16" \times 125 \times 90 \times 8) + 2 \times 2" \times 12" SPR.$ $WL7 = 5" \times 3 \times 12" \times 5 \times 16" (125 \times 90 \times 8) + 3 - 2" \times 10" SPR.$ WL8 = 5" x 3 1\2" x 5\16" (125x90x8) + 3- 2" x12" SPR. $WL9 = 6" \times 4" \times 3\8" (150\times100\times10) + 3-2" \times 12" SPR.$

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

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)

 $LVL1A = 1-1 3/4" \times 7 1/4" (1-45×184)$ $LVL1 = 2-1 3/4" \times 7 1/4" (2-45\times184)$ $LVL2 = 3-1 3/4" \times 7 1/4" (3-45 \times 184)$ $LVL3 = 4-13/4" \times 71/4" (4-45\times184)$ $IVI 4A = 1-1.3/4" \times 9.1/2" (1-45x240)$ $LVL4 = 2-1 3/4" \times 9 1/2" (2-45x240)$ 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 11 7/8" (3-45x300 LVL7A= 4-1 3/4" x 11 7/8" (4-45x300)

LVL8 = 2-13/4" x 14" (2-45x356) NOT THE GRANTING OF A PERMIT NOR REVIEWING OF SPEC $LVL9 = 3-13/4" \times 14" (3-45x356)$

& DRAWINGS NOR INSPECTIONS MADE DURING INSTALLATI BY THE OFFICIAL HAVING JURISDICTION SHALL RELIEVE TH CODE AND ANY OTHER REFERENCED REQUIREMENTS

- STEEL LINTEL STEEL LINTEL 3 1/2" x 3 1/2" x 12" LG INVERTED STEEL ANGLE 3 1/2" x 3 1/2" x 12" LG INVERTED STEEL ANGLE - BRICK VENEER WALL BRICK VENEER WALL -SECTION

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

12 07 %

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

CONFIRM BEARING CAPACITY OF SOILS. SEE FIELD INSPECTOR

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

GLAZING 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 = 1054 Sa. Ft SECOND FLOOR AREA = 1300 Sa. Ft. TOTAL FLOOR AREA 2354 Sq. Ft ADD OPEN AREAS ADD FIN. BASEMENT AREA _ 2354 Sq. Ft GROSS FLOOR AREA GROUND FLOOR COVERAGE = 1054 Sa. Ft GARAGE COVERAGE / AREA = 300 Sa. Ft PORCH COVERAGE / AREA =

139 Sq. Ft COVERAGE W/ PORCH = 1493 Sq. Ft $= 138.70 \, \text{Sa. m.}$

= 1354 Sq. Ft COVERAGE W/O PORCH $= 125.79 \, \text{Sg. m.}$

0 Sq. Ft

0 Sq. Ft

LEGEND:

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

STRUDET INC.

PROFESS/ON

- Um

B. M≟RINKOVIC

VCE OF ON

FOR STRUCTURE ONLY

OR POINT LOAD FROM ABOVE 202 STL. PLATE FOR STEEL COL'N ABOVE

LVL LAMINATED VENEER LUMBER

S.J. SINGLE JOIST

D.J. DOUBLE JOIST

T.J. TRIPLE JOIST REPEAT NOTE

SHOWER WEEPERS 0

20 $\overline{}$

ITY OF CAMBRIDGI BUILDING DIVISION

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2

3

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Block

AUG. 31. 2022 ISSUED FOR BUILDING PERMIT JUN. 20, 2022

OCUMENTS.

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

COORDINATED FLOOR, ROOF AND

REPARED TO PRE-COORDINATION

STAGE & ISSUED TO CLIENT

ENGINEER COMMENTS

2346

6.10m LOTS

CHERRY 12 (GR)

ELEVATION 1 & 2

A1 PACKAGE

O.REG. 332/12

ONDITIONS ON SITE BEFORE PROCEEDING WITH CONSTRUCTION DISCREPANCIES SHALL BE REPORTED TO JARDIN DESIGN GROU

ARDIN DESIGN GROUP INC. IS NOT RESPONSIBLE FOR THE ACCURA

SUANCE OF A BUILDING PERMIT. REFER TO THE APPROPRIATE

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

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ENGINEERING DRAWINGS BEFORE PROCEEDING WITH WORK.

C. PRIOR TO COMMENCEMENT OF WORK.

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 NAME

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

jardin design group inc.

FIRM NAME

TITLE PAGE

BARLASSINA CONSTRUCTION CITY OF CAMBRIDGE



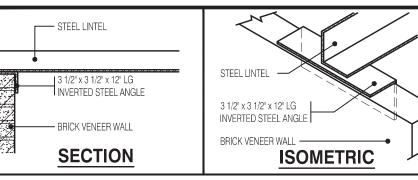
CHERRY 12 SCALE:

27763

3/16"=1'-0" ROJ. No.

21-35

DRAWING NAME



INVERTED STEEL ANGLE DETAIL

CHERRY 12 ELEV.-1 **ENERGY EFFICIENCY-SB12** ELEVATION WALL FT² OPENING FT PERCENTAGE 545.06 82.68 15.17 % EFT SIDE 1231.39 190.68 15.48 % RIGHT SIDE 1206.83 21.00 1.74 % 527.78 REAR 129.45 24.53 %

423 81

A SEPARATE PERMIT IS REQUIRED FOR THE

FINISHING OF ALL ROUGHIN PLUBMING FIXTURES

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

OCATED ADJACENT TO SLEEPING AREAS

3511.06

ALL NEW WINDOWS AND SLIDING GLASS DOORS TO COMPLY WITH THE THERMAL REQUIREMENTS OF SB-12, MAX U-1.6, FR-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

MAX. HOT WATER TEMP. SHALL NOT DISHWASHERS AND CLOTHES WASHERS

SECTION 9.27 OF DIVISION B OR HAVE A CCM

| CHERRY 12 ELEV2 |) | ENERGY EFFICIENCY- SB12 | |
|-----------------|----------------------|-------------------------|------------|
| ELEVATION | WALL FT ² | OPENING FT ² | PERCENTAGE |
| FRONT | 544.76 | 76.33 | 14.01 % |
| LEFT SIDE | 1237.45 | 179.33 | 14.49 % |
| RIGHT SIDE | 1206.83 | 21.00 | 1.74 % |
| REAR | 527.78 | 129.45 | 24.53 % |
| | | | |
| TOTAL | 3516.82 | 406.11 | 11.55 % |

NOTE:

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

NOTE:

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:

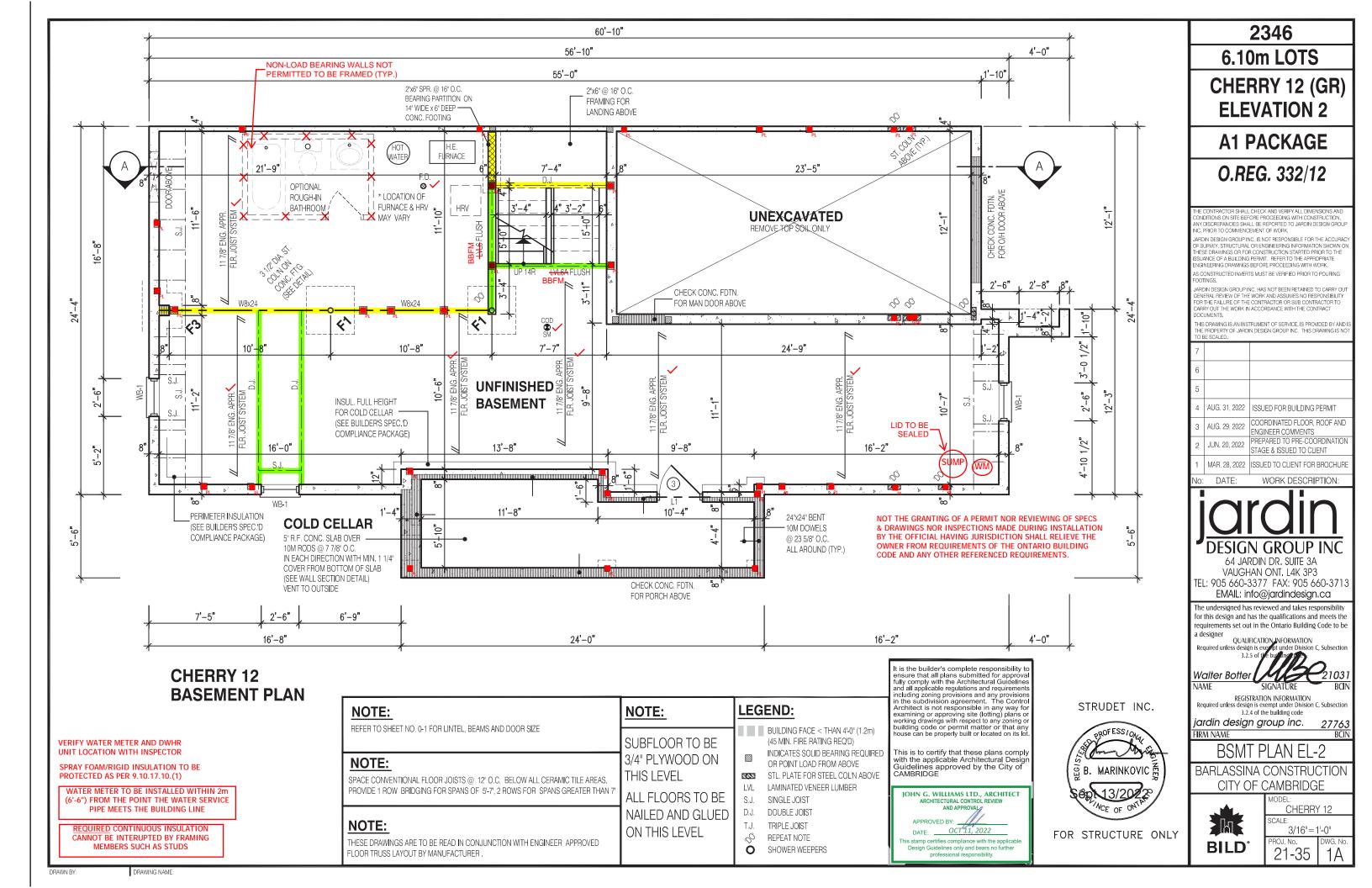
THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ENGINEER APPROVED FLOOR TRUSS LAYOUT BY MANUFACTURER

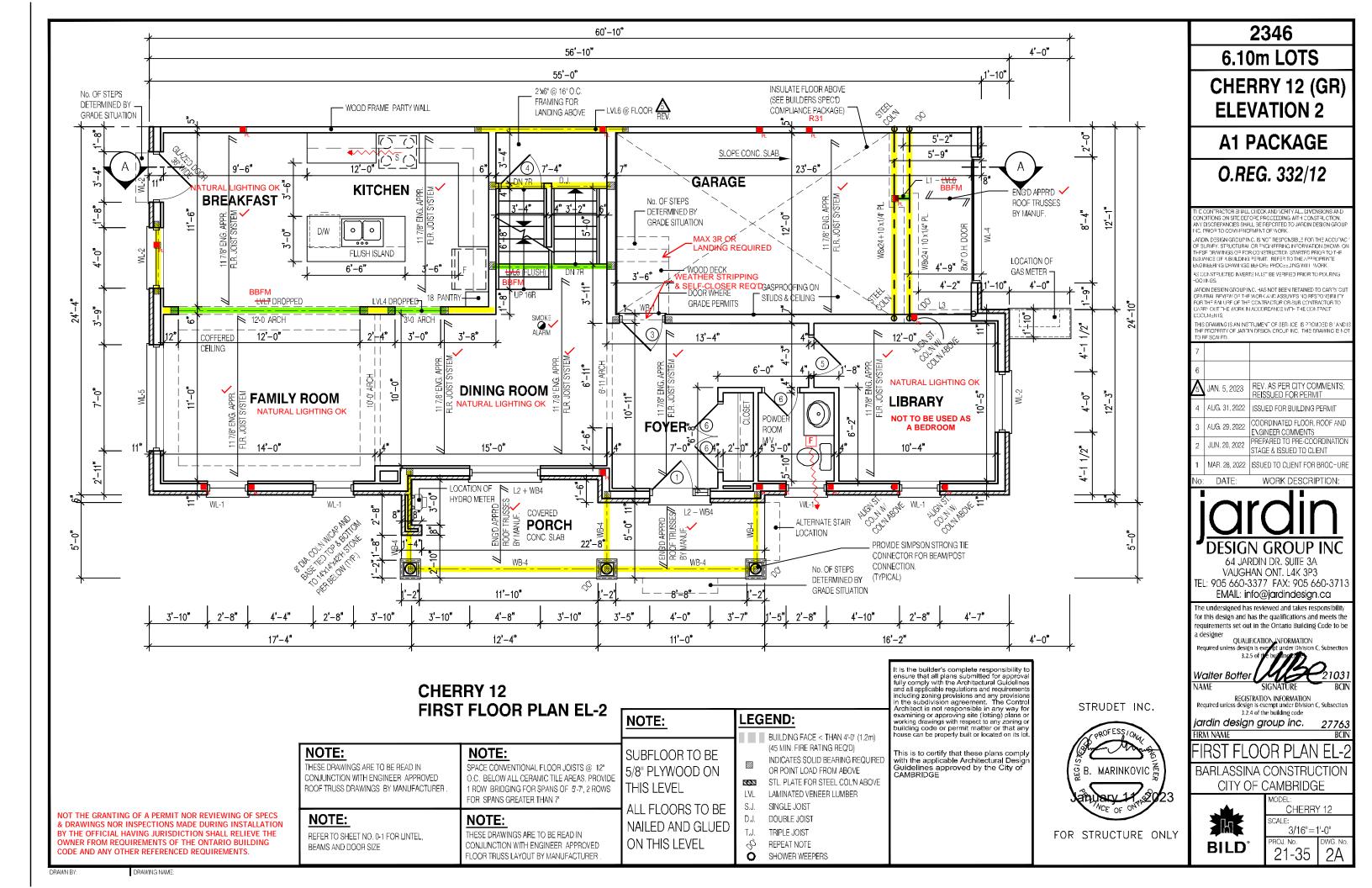
NOTE:

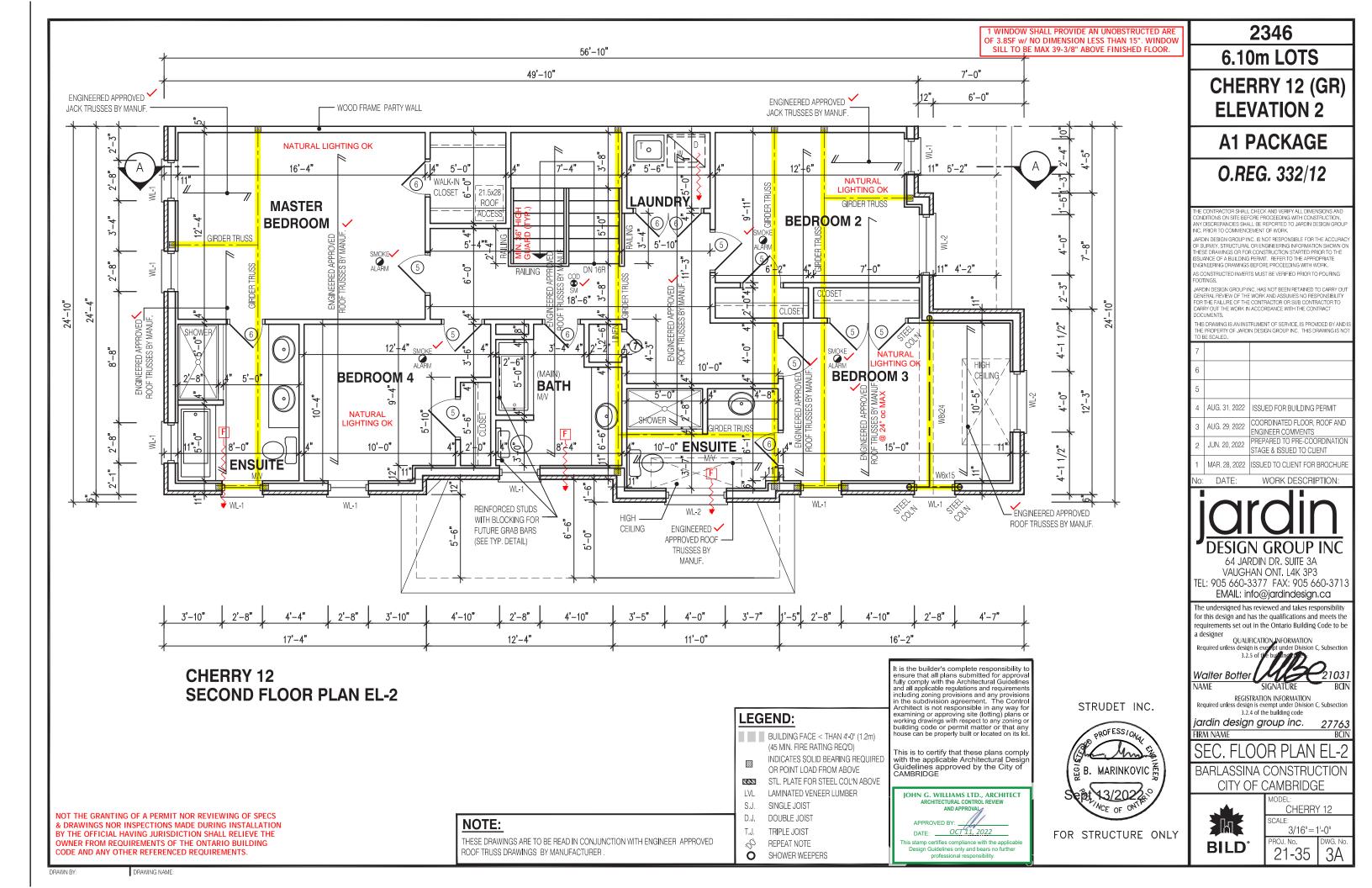
PLANS NOT DRAWN TO ACTUAL GRADE. REFER TO FINAL GRADING PLAN

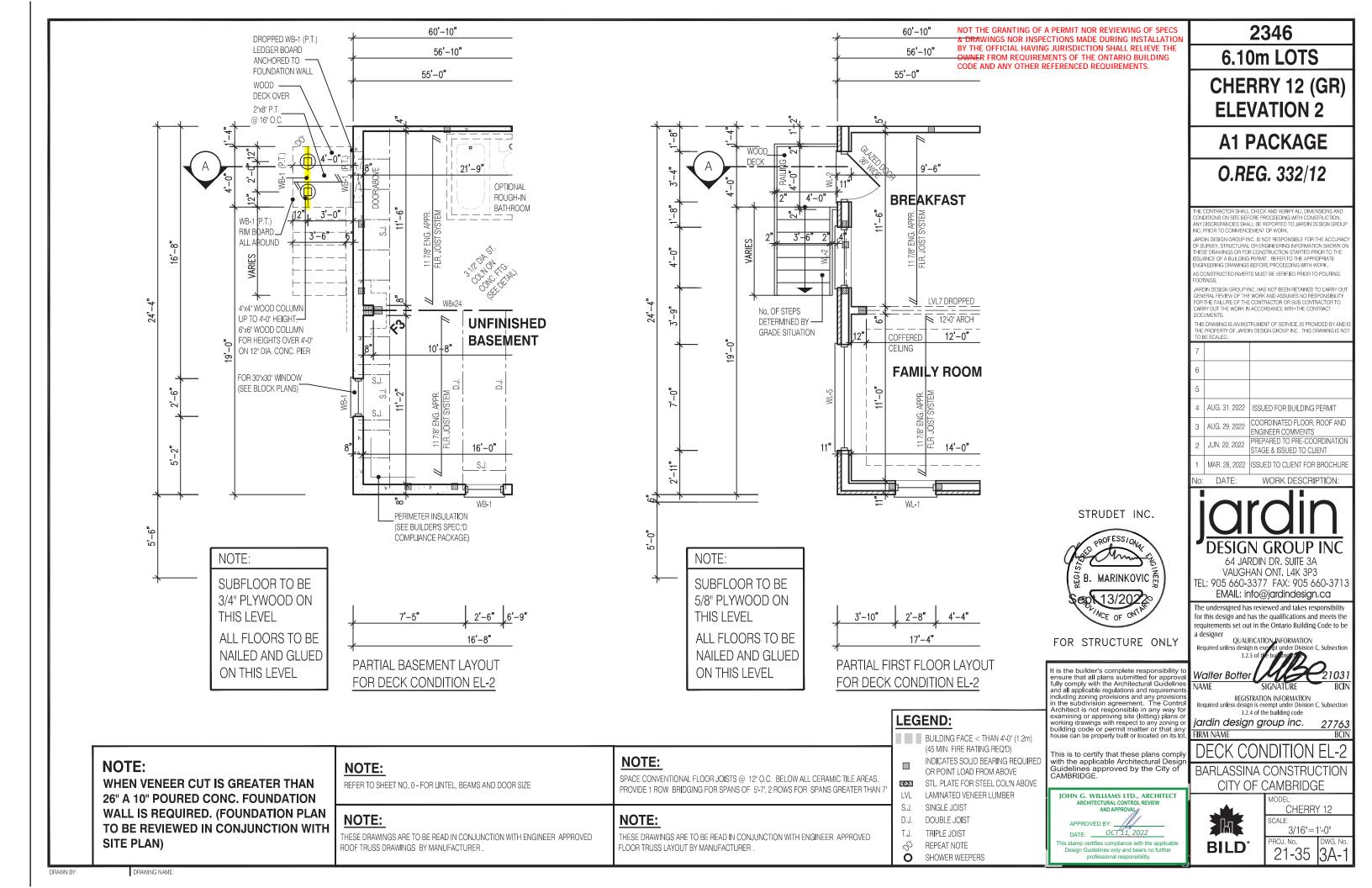
CEILING WITH ATTIC SPACE R31 CEILING W/O ATTIC SPACE EXPOSED FLOOR R31 WALLS ABOVE GRADE **R22** R20ci BASEMENT WALLS SLAB > 600mm BELOW GRADE R10 HEATED SLAB OR < 600mm BELOW GRADE EDGE OF SLAB < 600mm BELOW GRADE R10 MAX. U0.28 ER25 WINDOWS AND SLIDING GLASS DOORS MAX. U0.49 SKYLIGHTS. MIN. AFUE 96% SPACE HEATING EQUIPMENT MIN. SRE 75% MIN. EF. 0.80 DOMESTIC WATER HEATER MIN. 42% DRAIN WATER HEAT RECOVERY UNIT

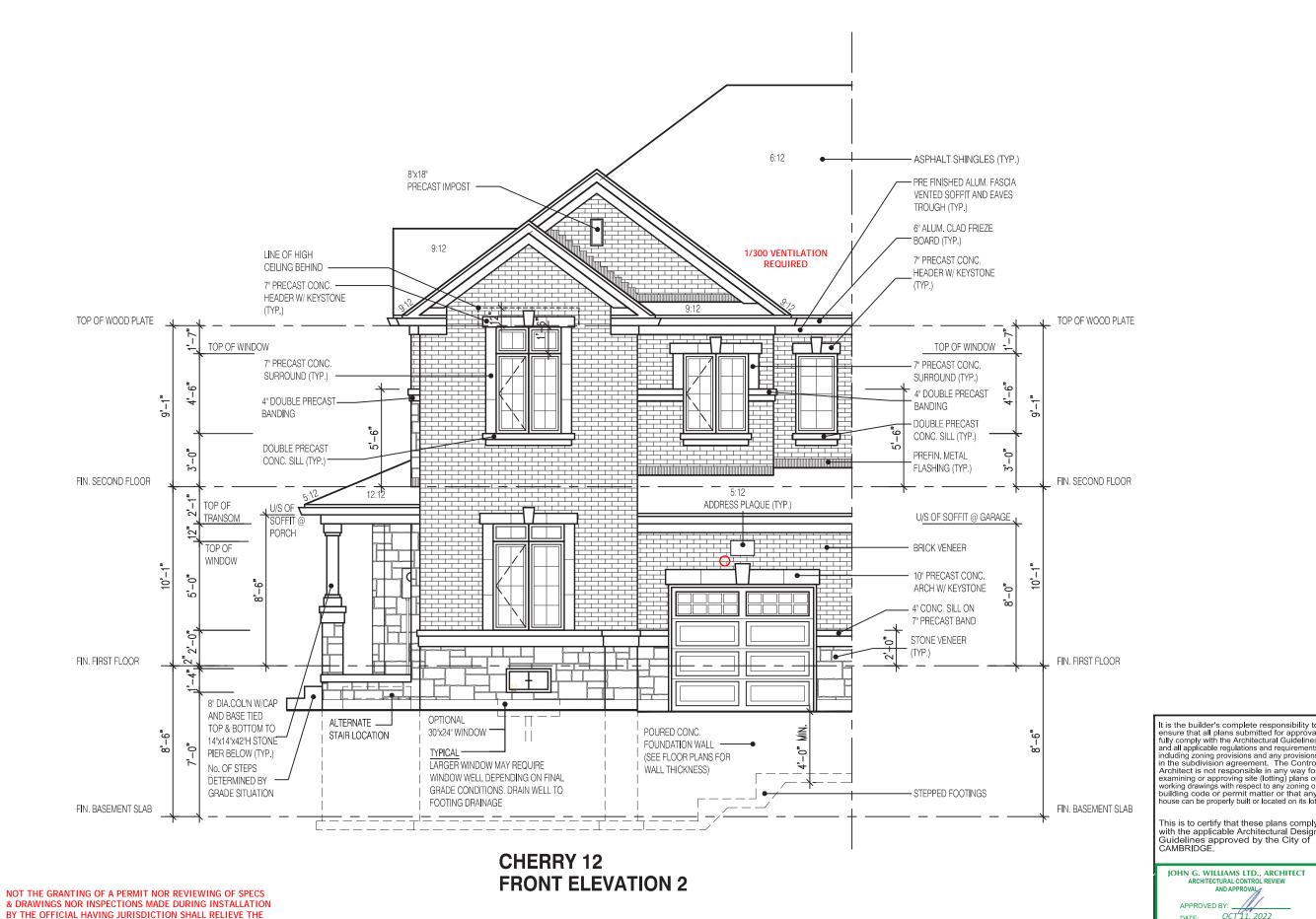
SB-12 - COMPLIANCE PACKAGE A1











2346

6.10m LOTS

CHERRY 12 (GR) **ELEVATION 2**

A1 PACKAGE

O.REG. 332/12

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

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AS CONSTRUCTED INVERTS MUST BE VERIFIED PRIOR TO POURING

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| | 6 | | |
|---|---|---------------|---|
| | 5 | | |
| ı | 4 | AUG. 31, 2022 | ISSUED FOR BUILDING PERMIT |
| | 3 | AUG. 29, 2022 | COORDINATED FLOOR, ROOF AND ENGINEER COMMENTS |
| ı | 2 | JUN. 20, 2022 | PREPARED TO PRE-COORDINATION STAGE & ISSUED TO CLIENT |
| ı | 1 | MAR. 28, 2022 | ISSUED TO CLIENT FOR BROCHURE |

DATE: WORK DESCRIPTION:



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

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 2

BARLASSINA CONSTRUCTION CITY OF CAMBRIDGE



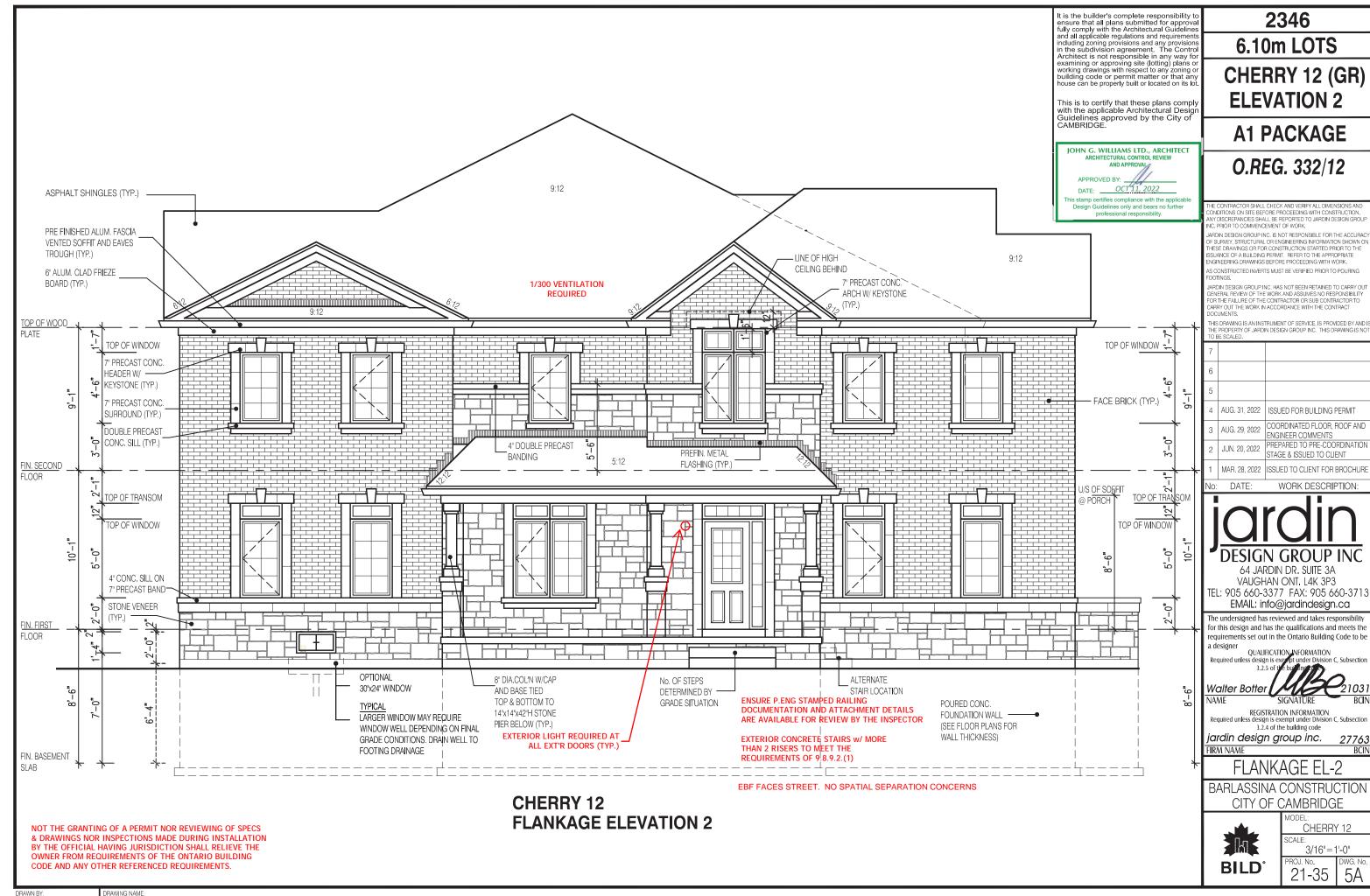
CHERRY 12 SCALE: 3/16"=1'-0" ROJ. No. 21-35

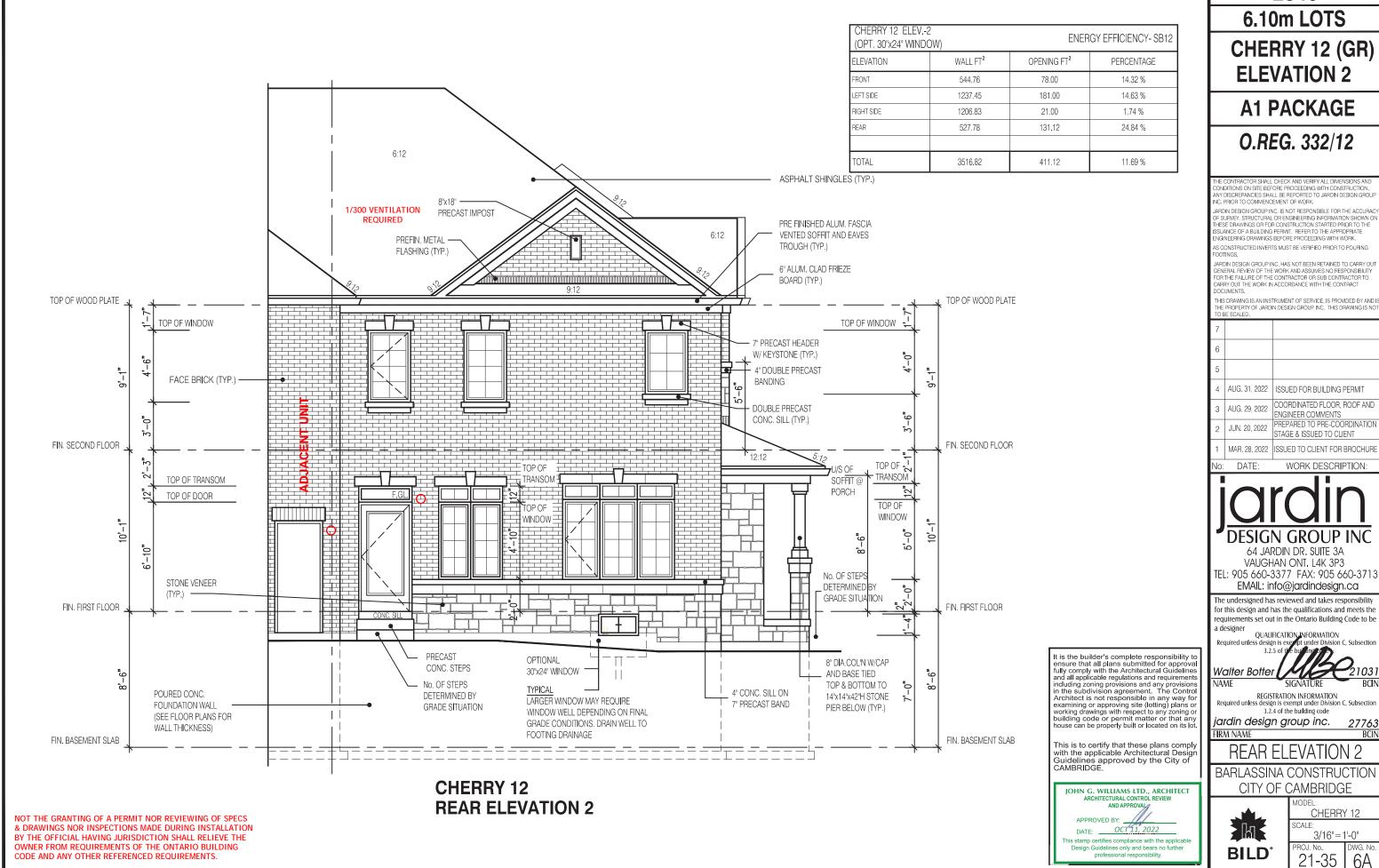
APPROVED BY: DATE: OCT 11, 2022 This stamp certifies compliance with the applicable

Design Guidelines only and bears no furthe

OWNER FROM REQUIREMENTS OF THE ONTARIO BUILDING

CODE AND ANY OTHER REFERENCED REQUIREMENTS.





2346

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| | 141D 00 0000 | IOOU IED TO OU IEUT EOD DDOOU II ID |



for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be

BARLASSINA CONSTRUCTION

