CITY OF CAMBRIDGE **BUILDING DIVISION** in accordance with the code 03/08/2023 ALLS ARE NOT TO BE FRAMED I **UNFINISHED BASEMENTS** 19'-5" 32'-0" 20'-0" 20'-0" 20'-0" 20'-0" 12'-4" 19'-6" 19'-6" 11'-2" . 24"x8"TYP. 24"x8"TYP. FOR 120KPa FOR 120KPa 24"x8"TYP. FOR 120KPa 24"x8"TYP. FOR 120KPa UNFINISHED UNFINISHED UNFINISHED UNFINISHED UNFINISHED **BASEMENT BASEMENT BASEMENT** BASEMENT **BASEMENT** 24"x8"TYP. 24"x8"TYP. 24"x8"TYP. (HOT WATER) FOR 120KPa FOR 120KPa FOR 120KPa UNFINISHED **BASEMENT** 24"x8"TYP. HOT FOR 120KPa PRECAST -STEPS (TYP.) COLD **CELLAR** 20"x6"TYP.

STRUDET INC. Mm MARINKOVIC

6.10m TOWNS

WILLOW

MODELS

TH-37 TO TH-42

FOR STRUCTURE ONLY

IN DESIGN GROUP INC. IS NOT RESPONSIBLE FOR THE ACCURACY OF SURV

AUG. 31, 2022 | ISSUED FOR BUILDING PERMIT COORDINATED FLOOR, ROOF AND ENGINEER

AUG. 29, 2022 COMMENTS PREPARED TO PRE-COORDINATION JUNE 20, 2022 STAGE AND ISSUED TO CLIENT MAR. 28, 2022 | ISSUED TO CLIENT FOR BROCHURE FEB. 14, 2022 PHEYARED AND 100000 ...
FOR A.C. PRELIMINARY REVIEW

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 Required unless design is exempt under Division C, Subsection

3.2.5 of the building code Walter Botter

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

jardin design group inc. FIRM NAME

BASEMENT PLAN ELEV-3

BARLASSINA CONSTRUCTION CAMBRIDGE, ONTARIO



1/8"=1'-0" 21-35

BLOCK 122

131'-5"

10'-6"

20'-0"

32"x8"TYP. FOR 120KPg

UNEXCAVATED

REFER TO INDIVIDUAL UNIT

DRAWINGS FOR

L UNEXCAVATED

10'-6"

TH-40

EL-3

WILLOW 2

20'-0"

(6'-6") FROM THE POINT THE WATER

ERVICE PIPE MEETS THE BUILDING LINE

GLAZING PRODUCTS IDENTIFYING THE

CERTIFIED VALUES SHALL REMAIN ON

FOR REVIEW DURING CONSTRUCTION

L NEW WINDOWS AND SLIDING GLASS

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

DOORS TO COMPLY WITH THE THERMAL

24"x8"TYP.

FOR 120KPa

COLD

CELLAR

TYP. PARSONS

PRECAST STEPS

9'-6"

TH-39

EL-3

WILLOW 2

STRIP FOOTINGS - FOR 2 STOREY

WILLOW SERIES TOWNHOUSES REFER TO FOUNDATION PLAN FOR DIMENSIONS AND FOOTING DETAIL FOR REINFORCEMENT

FOOTINGS ON NATIVE SOIL (120kPa / 17.4 psi)

24"x8"TYP.

FOR 120KPa

COLD

CELLAR

TYP. PARSONS

PRECAST STEPS

7'-8"

20"x6" CONCRETE STRIP FOOTINGS BELOW EXTERIOR WALLS AS NOTED ON PLANS 24"x8" CONCRETE STRIP FOOTINGS BELOW EXTERIOR WALLS (UNLESS OTHERWISE NOTED.) 24"x8" CONCRETE STRIP FOOTINGS (WITH REINF.) BELOW PARTY WALLS

FOOTINGS ON ENGINEERED FILL (90kPa / 13.0psi)

24"X8" CONCRETE STRIP FOOTINGS - WITH REINF., AS NOTED ON PLANS

32"x8" CONCRETE STRIP FOOTINGS (WITH REINF.) BELOW FIRE WALL

32"X8" CONCRETE STRIP FTGS BELOW EXT. WALLS - WITH REINF. (UNLESS OTHERWISE NOTED 32"X8" CONCRETE STRIP FOOTINGS - WITH REINF., BELOW PARTY WALLS

44"X8" CONCRETE STRIP FOOTINGS - WITH REINF., BELOW FIRE WALL

EXCEED 49°C (120°F) EXCEPT FOR ISHWASHERS AND CLÓTHES WASHER

SIDING MATERIALS SHALL CONFORM SECTION 9.27 OF DIVISION B OR HAVE A CCMC OR BMEC APPROVAL, OR A MINISTERS RULING

FLOORING IN KITCHENS, WASHROOMS AUNDRY, AND STORAGE ARÉAS, SHALL CONSIS

24"x8"TYP.

FOR 120KPa

COLD

TYP. PARSONS

PRECAST STEPS

9'-6"

CELLAR

MAIN BATHROOM TO HAVE STUD BLOCKING FOR FUTURE INSTALLATION OF GRAB BARS ADJACENT TO SHOWER/TUB AND TOILET

TO MAINTAIN INTEGRITY OF FIRE SEPARATION

UNIT CONNECTED TO SEPARATE SUMPS/DRYWELLS LOCATED ON BOTH SIDES OF A WALL PROVIDING A F.R.R., OFFSET BOXES AT LEAST ONE STUD SPACE

24"x8"TYP/.

FOR 120k/Pa

UNEXCAVATED

20"x6"TYP.

FOR 120KPa

FOR 120KPa

10'-1"

TH-42

EL-3

WILLOW 3E

19'-5"

COLD

CELLAR

TYP. PARSONS

MOKE ALARM BE INSTALLED ON EACH FLOOR LEVEL

AND WITHIN EACH SLEEPING ROOM. ALL SMOKE

LARMS 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 CHARACTERISTICS" OF NFPA 72

O PENETRATE A FIRE SEPARATION OR A MEMBRANE

FORMING PART OF AN ASSEMBLY REQUIRED TO

PROVIDE A FIRE-RESISTANCE RATING

CARBON MONOXIDE DETECTOR SHALL BI

LOCATED ADJACENT TO SLEEPING AREAS

HALL BE OF THE BATT INSULATION TYPE

TO MAINTAIN REQUIRED STC RATING

PRECAST STEPS

24"x8"TYP/

FOR 120k/Pa

UNEXCAVATED

---\\---20"x6"TYP.

FOR 120KPa

20"x6"TYP.

FOR 120KPa

10'-0"

1'-10"

FLOOR JOIST LAYOUTS & INSTALLATION MANUAL SHALL BE AVAILABLE AT FRAMING INSPECTION.

SEE ATTACHED REQUIREMENTS FOR FIELD GLUED

BLOCKING REQUIRED UNDER ALL POINT LOADS

SHALL BE MADE UNLESS A REVISION HAS BEEN

SUBMITTED FOR REVIEW AND APPROVED BY

UILDING DEPT. PRIOR TO FRAMING INSPECTION

REINFORCING REQUIRED IN FOUNDATION WALL

OR PORCH SLAB SHALL BE REVIEWED PRIOR TO

POURING CONRETE (see inspector)

PROVIDE P.ENG APPROVED TRUSS & FLOOR

RAWINGS AND SPECIFICATIONS TO BUILDING

INSPECTOR AT FRAMING INSPECTION

MUST BE TO SUITABLE BEARING

FLOORS WHERE REQUIRED.

20'-0"

24"x8"TYP.

FOR 120KPa

COLD

TYP. PARSONS

TH-41

EL-3

WILLOW 1

PRECAST STEPS

CELLAR

TOWNHOUSES - WEEPING TILE MAY CIRCLE ENTIRE UILDING AND BE CONNECTED TO 1 SUMP/DRYWELI

A SEPARATE PERMIT IS REQUIRED FOR THE FINISHING OF ALL ROUGHIN PLUBMING FIXTURES

SINGLES - WEEPING TILE REQ'D AROUND EACH

REFER TO INDIVIDUAL UNITS FOR THE FOLLOWING

- GROUND FLOOR ROOF STRUCTURE
- BASEMENT AND GROUND FLOOR LINTELS
- GROUND FLOOR AND SECOND FLOOR STRUCTURE - DOUBLE VOLUME WALL LOCATION AND DETAILS
- CONCRETE SLABS

NOTE: THESE DRAWINGS ARE TO BE READ IN

= FIREWALL WITH A 2 HOUR FIRE RESISTANCE

= FIRE SEPARATION WITH A 1 HOUR FIRE

= EXPOSING BUILDING FACE WITH A 3/4 HOUR

FIRE RESISTANCE RATING (LD LESS THAN 1.2m,

= EXPOSING BUILDING FACE WITH A 3/4 HOUR FIRE RESISTANCE RATING w/ NON-COMBUSTIBLE

CLADDING OR COMPLY WITH 9.10.15.5.(3) (LD LESS

RESISTANCE RATING AND MIN-150 STC RATING

RATING AND MIN. 50 STC RAT

= FIRE SEPARATION WITH A 1 HOUR FIRE

RESISTANCE RATING

MORE THAN 0.6m)

24"x8"TYP. FOR 120KPa

CONJUNCTION WITH ENGINEER APPROVED FLOOR TRUSS DRAWINGS BY MANUFACTURER

> NOTE: REFER TO GRADING PLAN FOR

NUMBER OF STEPS

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

NOTE:

24"x8"TYP.

FOR 120KPa

FOR 120KPa¹

TH-37

EL-3

WILLOW 12

24"x8"TYÞ. FOR 120KPa

UNEXCAVATED

UNEXCAVATED

20"x6"TYP.

FOR 120KPa

20"x6"TYP.

FOR 120KPa

9'-8"

TH-38

EL-3

WILLOW 1

20'-0"

WHEN VENEER CUT IS GREATER THAN 26" A 10" POURED CONC. FOUNDATION WALL IS REQUIRED. (FOUNDATION PLAN TO BE REVIEWED IN **CONJUNCTION WITH SITE PLAN)**

NOT THE GRANTING OF A PERMIT NOR REVIEWING OF SPECS

BY THE OFFICIAL HAVING JURISDICTION SHALL RELIEVE THE

OWNER FROM REQUIREMENTS OF THE ONTARIO BUILDING

CODE AND ANY OTHER REFERENCED REQUIREMENTS.

& DRAWINGS NOR INSPECTIONS MADE DURING INSTALLATION

10'-1"

TYPICAL PAD FOOTING 120 KPa NATIVE SOIL

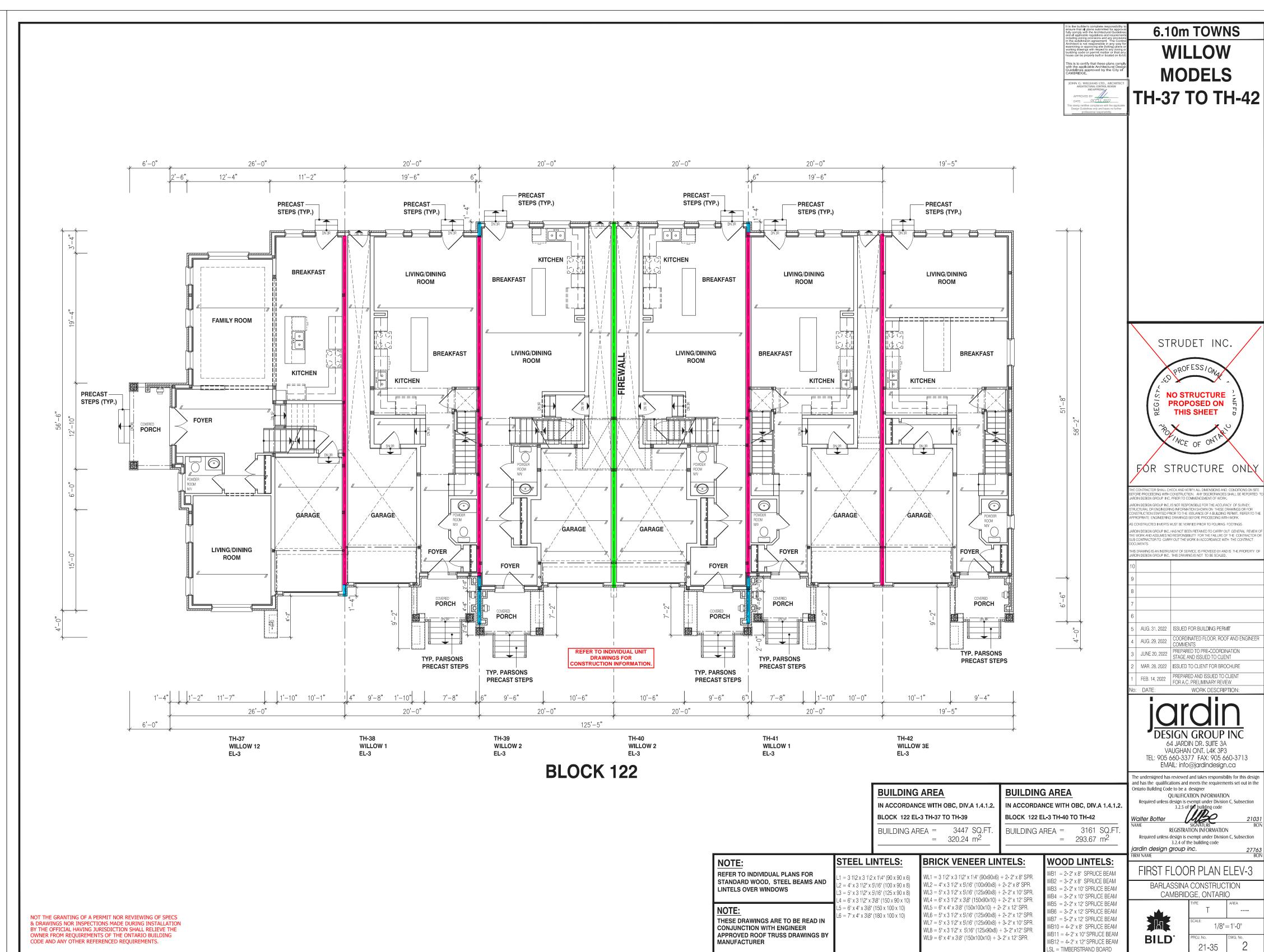
90 KPa ENGINEERED FILL SOIL 1 = 42"x42"x18" CONCRETE PAD F1 = 48"x48"x20" CONCRETE PA $f^2 = 36$ "x36"x16" CONCRETE PAD $f^2 = 40$ "x40"x16" CONCRETE PAI 3 = 30"x30"x12" CONCRETE PAD F3 = 34"x34"x14" CONCRETE PAI F4 = 24"x24"x12" CONCRETE PAD F4 = 28"x28"x12" CONCRETE PAD F5 = 16"x16"x8" CONCRETE PAD F5 = 18"x18"x8" CONCRETE PAD

ASSUMED 120kPa / 17.4psi BEARING CAPACITY FOR NATIVE SOIL OR 90 kPa / 13.0psi FOR ENGINEERED FILL TO BE VERIFIED ON SITE

OF FELTED-SYNTHETIC-FIBRE FLOOR COVERING CONCRETE, TILE, OR OTHER FLOORING PROVIDING A SIMILAR WATER RESISTANCE

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

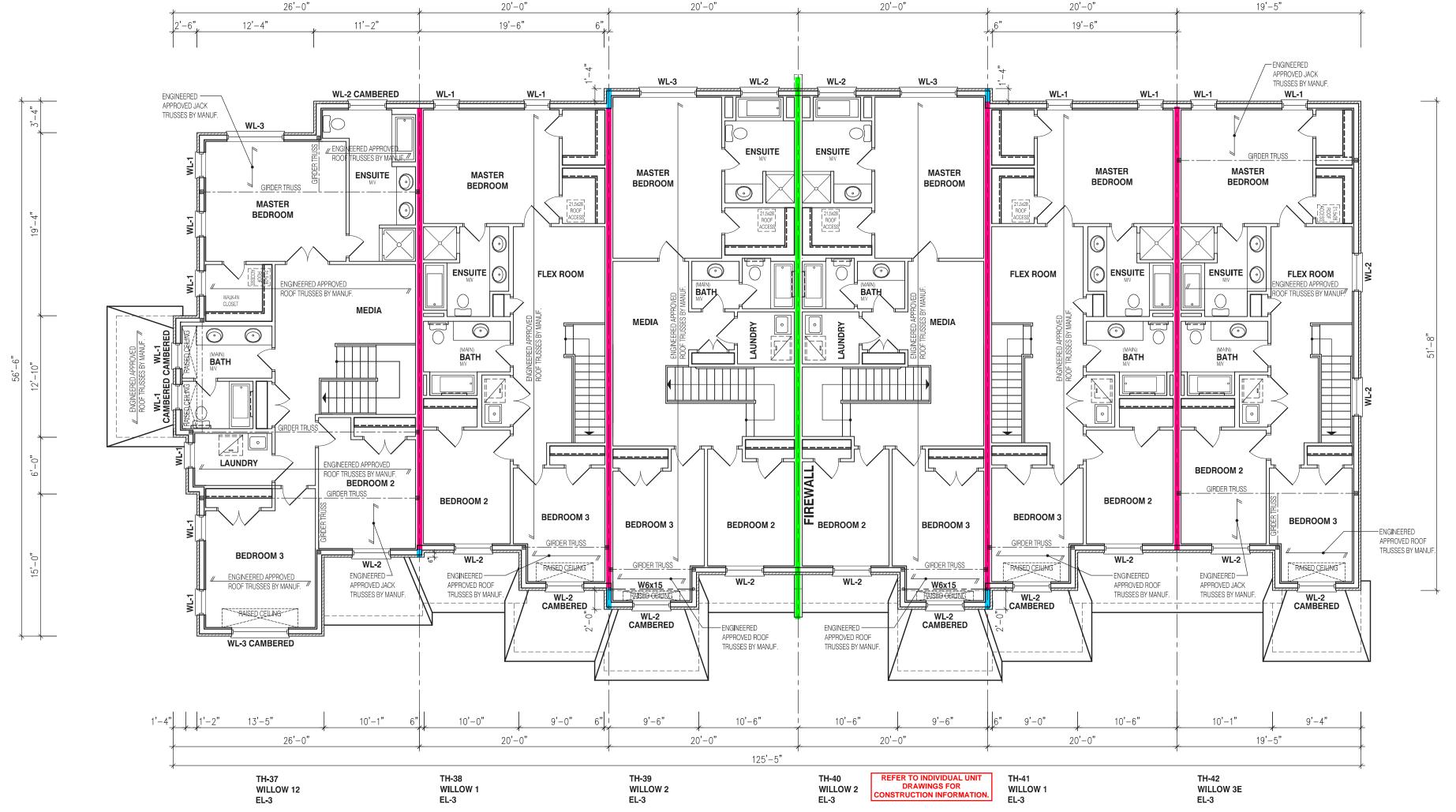
FOR 120KPa



LSL = TIMBERSTRAND BOARD







BLOCK 122

NOT THE GRANTING OF A PERMIT NOR REVIEWING OF SPECS

& DRAWINGS NOR INSPECTIONS MADE DURING INSTALLATION BY THE OFFICIAL HAVING JURISDICTION SHALL RELIEVE THE

OWNER FROM REQUIREMENTS OF THE ONTARIO BUILDING CODE AND ANY OTHER REFERENCED REQUIREMENTS.

NOTE: REFER TO INDIVIDUAL PLANS FOR STANDARD WOOD, STEEL BEAMS AND LINTELS OVER WINDOWS

NOTE:

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

STEEL LINTELS:

 $= 3 1\2 x 3 1\2 x 1\4" (90 x 90 x 6)$ 2 = 4" x 3 1\2" x 5\16" (100 x 90 x 8) 3 = 5" x 3 1\2" x 5\16" (125 x 90 x 8) = 6" x 3 1\2" x 3\8" (150 x 90 x 10) .5 = 6" x 4" x 3\8" (150 x 100 x 10) .6 = 7" x 4" x 3\8" (180 x 100 x 10)

 $WL1 = 3 \frac{1}{2} \times 3 \frac{1}{2} \times 1 \frac{4}{90 \times 90 \times 6} + 2-2 \times 8 \text{ SPR.}$ $WL2 = 4" \times 3 \ 1\ 2" \times 5\ 16" (100 \times 90 \times 8) + 2 - 2" \times 8" SPR.$ WL3 = 5" x 3 1\2" x 5\16" (125x90x8) + 2- 2" x 10" SPR. $WL4 = 6" \times 3 1\2" \times 3\8" (150\times90\times10) + 2-2" \times 12" SPR.$ WL5 = 6" x 4" x 3\8" (150x100x10) + 2-2" x 12" SPR. $WL6 = 5" \times 3 \times 1^2 \times 5 \times 16" (125 \times 90 \times 8) + 2 - 2" \times 12" SPR.$ WL7 = $5" \times 3 \times 1 \times 16" \times 125 \times 90 \times 8) + 3-2" \times 10" SPR.$

WL8 = 5" x $3 \frac{1}{2}$ " x $\frac{5}{16}$ " ($\frac{125}{90}$ x8) + 3 - 2" x $\frac{12}{9}$ " SPR.

 $WL9 = 6" \times 4" \times 3\8" (150\times100\times10) + 3-2" \times 12" SPR.$

BRICK VENEER LINTELS:

WOOD LINTELS: WB1 = $2-2" \times 8"$ SPRUCE BEAM WB2 = 3-2" x 8" SPRUCE BEAM WB3 = 2- 2" x 10" SPRUCE BEAM WB4 = 3-2" x 10" SPRUCE BEAM WB5 = 2-2" x 12" SPRUCE BEAM WB6 = 3-2" x 12" SPRUCE BEAM WB7 = 5-2" x 12" SPRUCE BEAM WB10 = 4- 2" x 8" SPRUCE BEAM

WB11 = 4-2" x 10" SPRUCE BEAM

WB12 = 4- 2" x 12" SPRUCE BEAM

LSL = TIMBERSTRAND BOARD

STRUDET INC.



FOR STRUCTURE ONLY

AUG. 31, 2022 | ISSUED FOR BUILDING PERMIT COORDINATED FLOOR, ROOF AND ENGINEER COMMENTS PREPARED TO PRE-COORDINATION

JUNE 20, 2022 PREPARED TO FRE-COOLIDING...
STAGE AND ISSUED TO CLIENT MAR. 28, 2022 ISSUED TO CLIENT FOR BROCHURE FEB. 14, 2022 PREPARED AND ISSUED TO CLIEN FOR A.C. PRELIMINARY REVIEW

TEL: 905 660-3377 FAX: 905 660-3713 EMAIL: info@jardindesign.ca The undersigned has reviewed and takes responsibility for this design

64 JARDIN DR, SUITE 3A VAUGHAN ONT, L4K 3P3

and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer QUALIFICATION INFORMATION

Required unless design is exempt under Division C, Subsection
3.2.5 of the building code

Valter Botter 210

AME SIGNATURE BOTTOM MINISTRALIA BOTT Walter Botter REGISTRATION INFORMATION

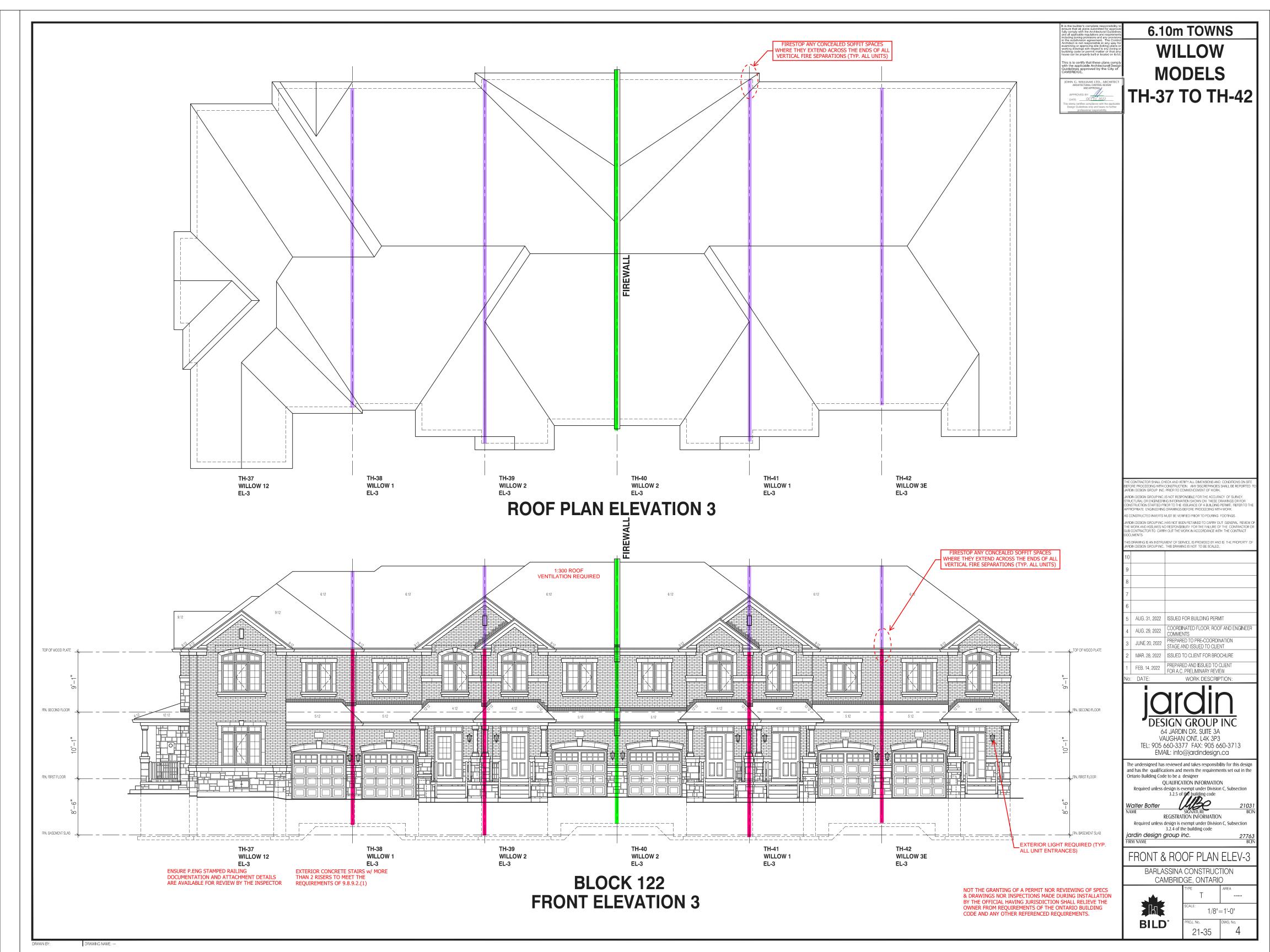
Required unless design is exempt under Division C, Subsection 3.2.4 of the building code jardin design group inc. FIRM NAME

SECOND FLOOR PLAN ELEV-3

BARLASSINA CONSTRUCTION CAMBRIDGE, ONTARIO



1/8"=1'-0" 21**-**35





6.10m TOWNS **WILLOW MODELS** TH-37 TO TH-42

AUG. 31, 2022 | ISSUED FOR BUILDING PERMIT

PREPARED TO PRE-COORDINATION STAGE AND ISSUED TO CLIENT MAR. 28, 2022 ISSUED TO CLIENT FOR BROCHURE

FEB. 14, 2022 PREPARED AND ISSUED TO CLIEI FOR A.C. PRELIMINARY REVIEW

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Valter Botter 2103

AME SIGNATURE BC

REGISTRATION INFORMATION

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SIDES & REAR ELEV-3

CAMBRIDGE, ONTARIO



1/8"=1'-0" 21-35