

WINDOWS -
CANADA ZONE C

(1) MINIMUM BEDROOM WINDOW (*OBC 9.9.10.1.)

AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR IS TO HAVE MIN. 0.35m2 (3.8 SQ.FT.) UNOBSTRUCTED GLAZED OPENABLE AREA WITH MIN. CLEAR WIDTH OF 380mm (1'-3")

GLASS AREA NOT MORE THAN 17% OF GROSS PERIPHERAL WALL AREA. MAXIMUM U-VALUE 0.28

(2) WINDOW GUARDS (*OBC 9.8.8.1(6))

A GUARD IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS LOCATED LESS THAN 480mm (1'-6") ABOVE FIN. FLOOR AND THE DISTANCE FROM THE FIN. FLOOR TO THE ADJACENT GRADE IS GREATER THAN 1800mm (5'-11")

PROTECTION OF WINDOWS ONLY REQUIRED AT STAIR/LANDINGS PER 9.8.8.1(8). REMAINDER OF UNIT EXEMPT PER 9.8.8.1(6)(a)

GENERAL:

(1) MECHANICAL VENTILATION

MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.3 AIR CHANGES PER HOUR AVERAGED OVER 24 HOURS. SEE MECHANICAL DRAWINGS.

(2) OUTDOOR AIR INTAKE ●

ALL OUTDOOR AIR INTAKES SHALL BE LOCATED SO THAT THEY ARE SEPARATED FROM SOURCES OF CONTAMINATION (EXHAUST VENTS) IN COMPLIANCE WITH O.B.C. DIV.-B 6.2.3.12. AND TABLE 6.2.3.12.

(3) REINFORCEMENT FOR GRAB BARS (*OBC 9.5.2.3.) ●

REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATER CLOSETS AND SHOWER OR BATHTUB IN MAIN BATHROOM. REFER TO O.B.C. 9.5.2.3, 3.8.3.8.(3)(a), 3.8.3.8.(3)(c), 3.8.3.13.(2)(g) & 3.8.3.13.(4)(e). SEE DETAIL ON PAGE 11.

LUMBER:

- 1.)ALL LUMBER SHALL BE SPRUCE-PINE-FIR No.1&2 GRADE, UNLESS NOTED OTHERWISE.
2.)LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE-PINE-FIR No.1&2 GRADE PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.

ALL BEAMS, GIRDER TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED & CERTIFIED BY TRUSS MANUFACTURER.

- LVL BEAMS SHALL BE 2.OE (Fb=2800psi MIN.). NAIL EACH PLY OF LVL WITH 89mm (3-1/2") LONG COMMON WIRE NAILS @300mm (12") o.c.
4.)STAGGERED IN 2 ROWS FOR 184, 240, & 300mm (7-1/4",9-1/2",11-7/8") DEPTHS AND STAGGERED IN 3 ROWS FOR GREATER DEPTHS AND FOR 4 PLY MEMBERS ADD 1/2" (13mm) DIA. GALVANIZED BOLTS BOLTED AT MID-DEPTH OF BEAM @ 915mm (3'-0")o.c.

- 5.)PROVIDE TOP MOUNT BEAM HANGERS FOR ALL LVL BEAM TO BEAM CONNECTIONS UNLESS NOTED OTHERWISE.
6.)PROVIDE METAL JOIST HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS INTERSECTING FLUSH BUILT-UP WOOD MEMBERS.

- 7.)WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATIVE, IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONC. BY AT LEAST 2mil. POLYETHYLENE FILM, No.50 (45lbs) ROLL ROOFING OR OTHER DAMPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 150mm (6") ABOVE THE GROUND.

STEEL:

STRUCTURAL STEEL AND HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO CAN/CSA-G40-21 GRADE 350W.

REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R.

REVISION:

- ONT. REG. 332/12-2012 OBC AMENDMENT O. REG. 88/19 JAN. 01, 2020

STABILITY OF NARROW (20'-25')
& TALL (±30') HOUSES

BUILDER TO PROVIDE SUFFICIENT TEMPORARY BRACING TO RESIST WIND LOADING WHEN UNDER CONSTRUCTION. FURTHER RECOMMENDATIONS:

- 1.)REDUCE THE FOUNDATION WALL SILL PLATE ANCHOR BOLT SPACING FROM 2400mm o.c. (7'-10") TO 1220mm o.c. (4'-0") FOR STANDARD CONDITIONS.
2.)USE 9.5mm (3/8") THICK PLYWOOD OR WAFERBOARD FOR THE EXTERIOR WALL SHEATHING.
3.)TO STIFFEN THE STRUCTURE IN TRANSVERSE DIRECTION USE 9.5mm (3/8") THICK PLYWOOD NAILED TO THE INTERIOR PARTITIONS ON EACH FLOOR FOR A MINIMUM 2 INTERIOR PARTITION WALLS ON BOTH SIDES AND PERPENDICULAR TO THE LONG WALLS.

BRICK VENEER LINTELS

WL1 = 3-1/2"x3-1/2"x1/4"L (90x90x6.0L) + 2-2"x8" SPR. No.2
WL2 = 4"x3-1/2"x5/16"L (100x90x8.0L) + 2-2"x8" SPR. No.2
WL3 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 2-2"x10" SPR. No.2
WL4 = 6"x3-1/2"x3/8"L (150x90x10.0L) + 2-2"x12" SPR. No.2
WL5 = 6"x4"x3/8"L (150x100x10.0L) + 2-2"x12" SPR. No.2
WL6 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 2-2"x12" SPR. No.2
WL7 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 3-2"x10" SPR. No.2
WL8 = 5"x3-1/2"x5/16"L (125x90x8.0L) + 3-2"x12" SPR. No.2
WL9 = 6"x4"x3/8"L (150x100x10.0L) + 3-2"x12" SPR. No.2

WOOD LINTELS AND BEAMS

WB1 = 2-2"x8" SPR. No.2 (2-38x184 SPR. No.2)
WB2 = 3-2"x8" SPR. No.2 (3-38x184 SPR. No.2)
WB3 = 2-2"x10" SPR. No.2 (2-38x235 SPR. No.2)
WB4 = 3-2"x10" SPR. No.2 (3-38x235 SPR. No.2)
WB5 = 2-2"x12" SPR. No.2 (2-38x286 SPR. No.2)
WB6 = 3-2"x12" SPR. No.2 (3-38x286 SPR. No.2)
WB7 = 5-2"x12" SPR. No.2 (5-38x286 SPR. No.2)
WB11 = 4-2"x10" SPR. No.2 (4-38x235 SPR. No.2)
WB12= 4-2"x12" SPR. No.2 (4-38x286 SPR. No.2)

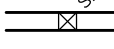
LOOSE STEEL LINTELS

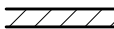
L1 = 3-1/2"x3-1/2"x1/4"L (90x90x6.0L)
L2 = 4"x3-1/2"x5/16"L (100x90x8.0L)
L3 = 5"x3-1/2"x5/16"L (125x90x8.0L)
L4 = 6"x3-1/2"x3/8"L (150x90x10.0L)
L5 = 6"x4"x3/8"L (150x100x10.0L)
L6 = 7"x4"x3/8"L (175x100x10.0L)

LAMINATED VENEER LUMBER (LVL) BEAMS

LVL1A = 1-1 3/4" x 7 1/4" (1-45x184)
LVL1 = 2-1 3/4" x 7 1/4" (2-45x184)
LVL2 = 3-1 3/4" x 7 1/4" (3-45x184)
LVL3 = 4-1 3/4" x 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)
LVL6 = 2-1 3/4" x 11 7/8" (2-45x300)
LVL7 = 3-1 3/4" x 11 7/8" (3-45x300)
LVL7A = 4-1 3/4" x 11 7/8" (4-45x300)
LVL8 = 2-1 3/4" x 14" (2-45x356)
LVL9 = 3-1 3/4" x 14" (3-45x356)
LVL10 = 2-1 3/4" x 18" (2-45x456)

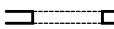
LEGEND

DJ	DOUBLE JOIST
TJ	TRIPLE JOIST
GT	GIRDER TRUSS
	POINT LOAD
	SOLID WOOD BEARING. SOLID BEARING TO BE WIDE AT LEAST AS SUPPORTED MEMBER. MIN. 3 PIECES.

 LOAD-BEARING WALL

 TWO-STOREY WALL. SEE NOTE

 RAISED WOOD PLATE

 FLAT ARCH

F.D.
 FLOOR DRAIN

SA
 SMOKE ALARM. SEE NOTE

SA
 SMOKE ALARM & CARBON MONOXIDE ALARM. SEE NOTE

EXTERIOR LIGHTING OUTLET WITH A FIXTURE CONTROLLED BY A WALL SWITCH LOCATED WITHIN THE BUILDING SHALL BE PROVIDED AT EVERY ENTRANCE TO THE BUILDING OF RESIDENTIAL OCCUPANCY AS PER 9.34.2.1.(1)

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" (815x2439)	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

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2012 CODE

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	1	AUG. 17, 2018	PREPARED TO PACKAGE 'A1' ISSUED TO CLIENT
No:	DATE:	WORK DESCRIPTION:	

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	21031
NAME	SIGNATURE BCIN
REGISTRATION INFORMATION Required unless design is exempt under Division C, Subsection 3.2.4 of the building code	
jardin design group inc.	27763
FIRM NAME	BCIN

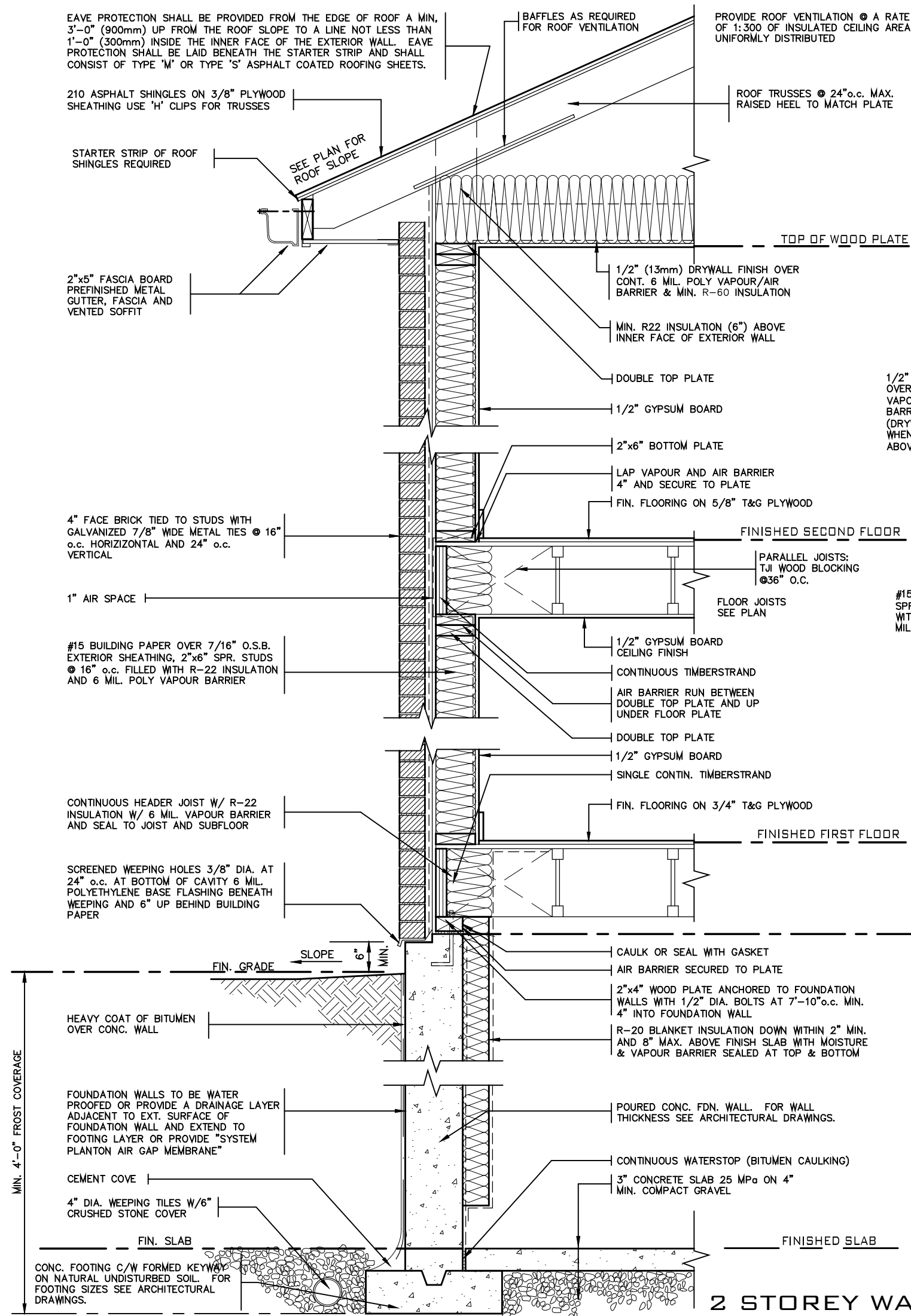
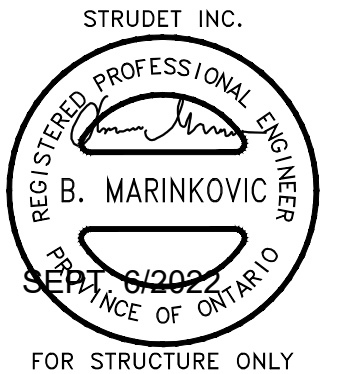
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GENERAL NOTES

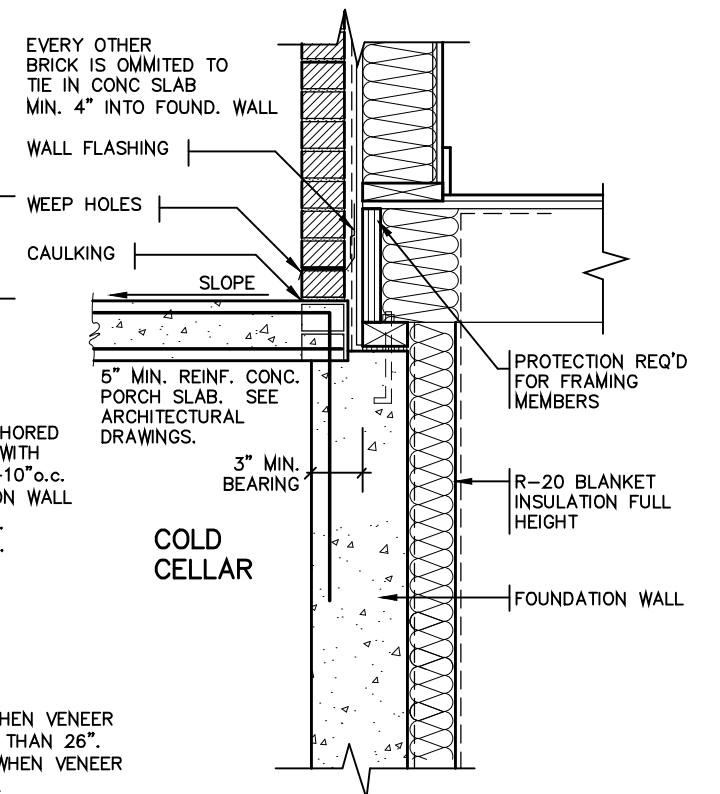
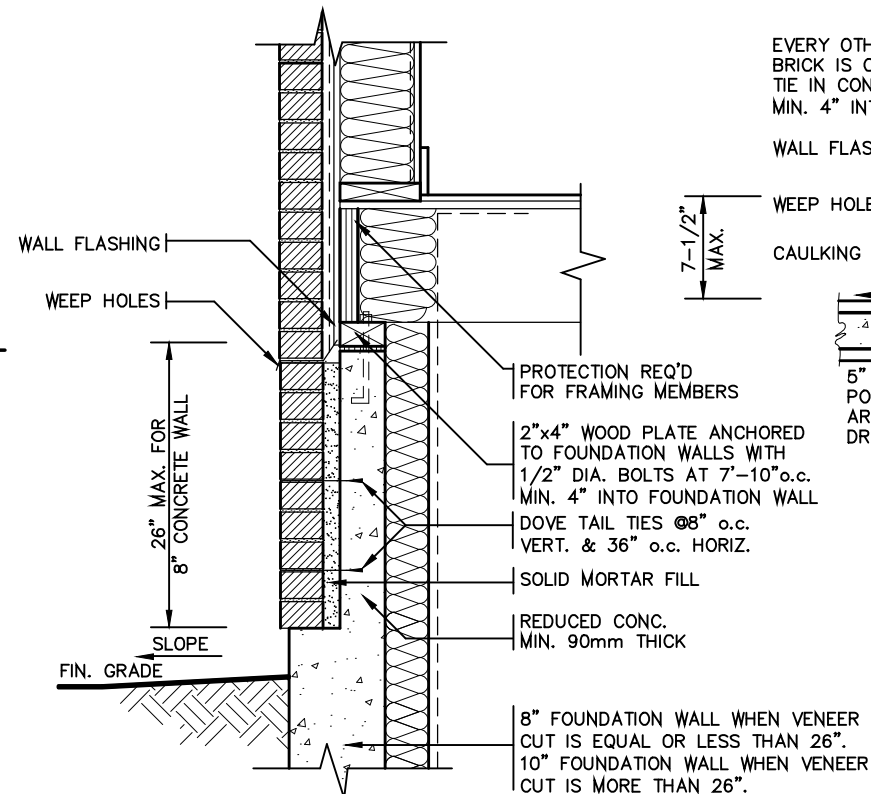
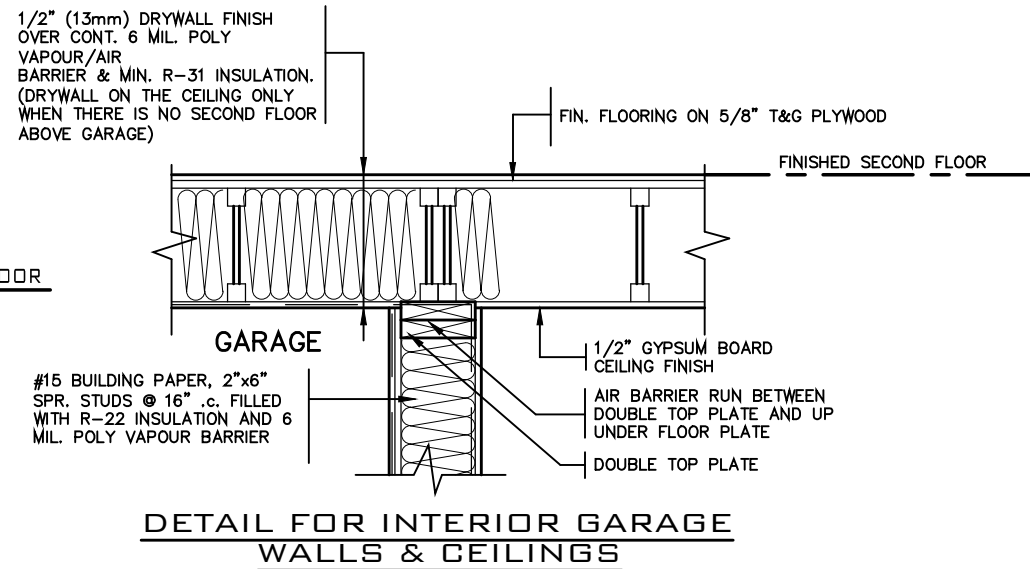
BARLASSINA CONSTRUCTION
CITY OF CAMBRIDGE



MODEL NAME T	----
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PROJ. No.	DWG. No.
21-35	1A



2 STOREY WALL SECTION



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Walter Botter	SIGNATURE
NAME	BCIN
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FIRM NAME	BCIN

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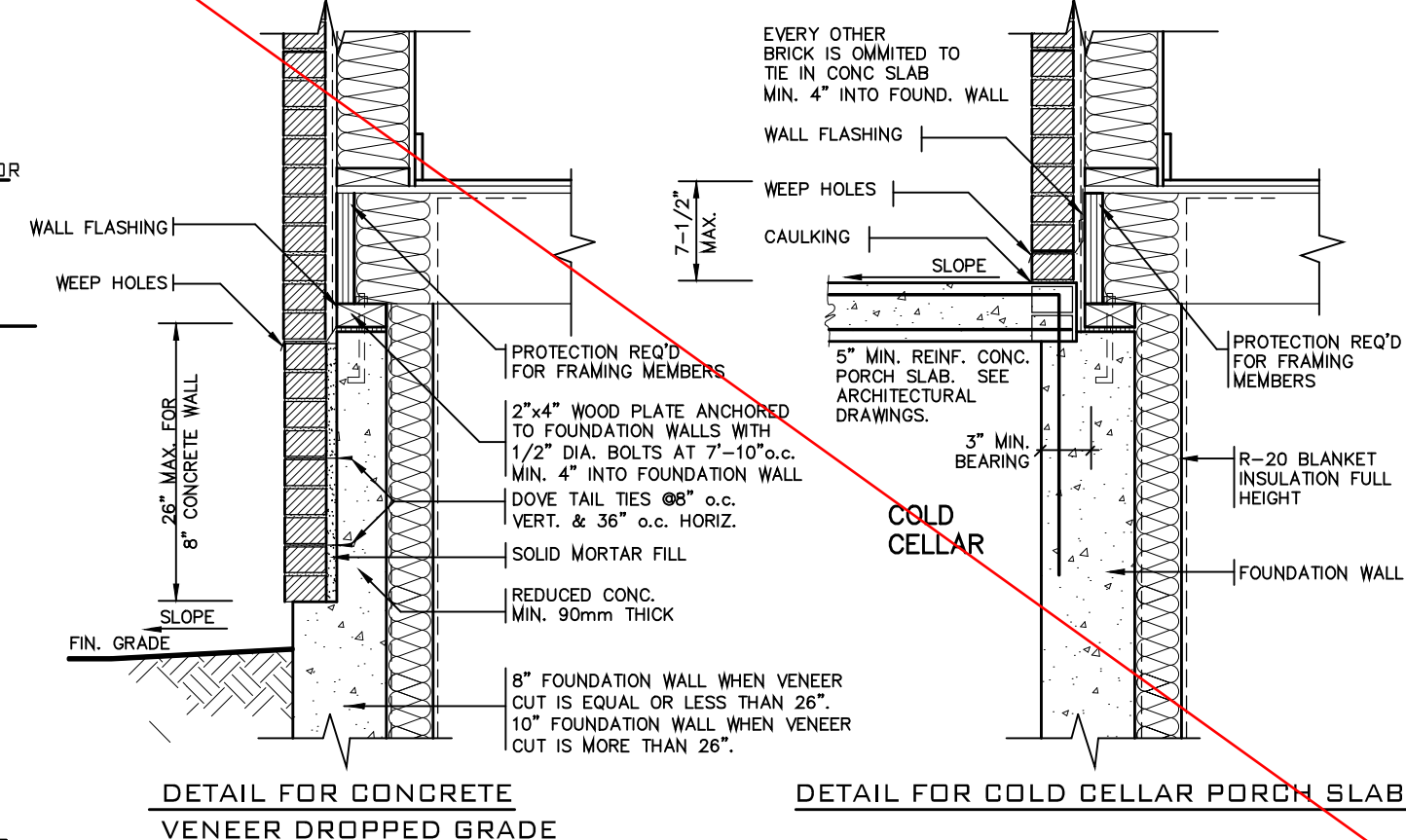
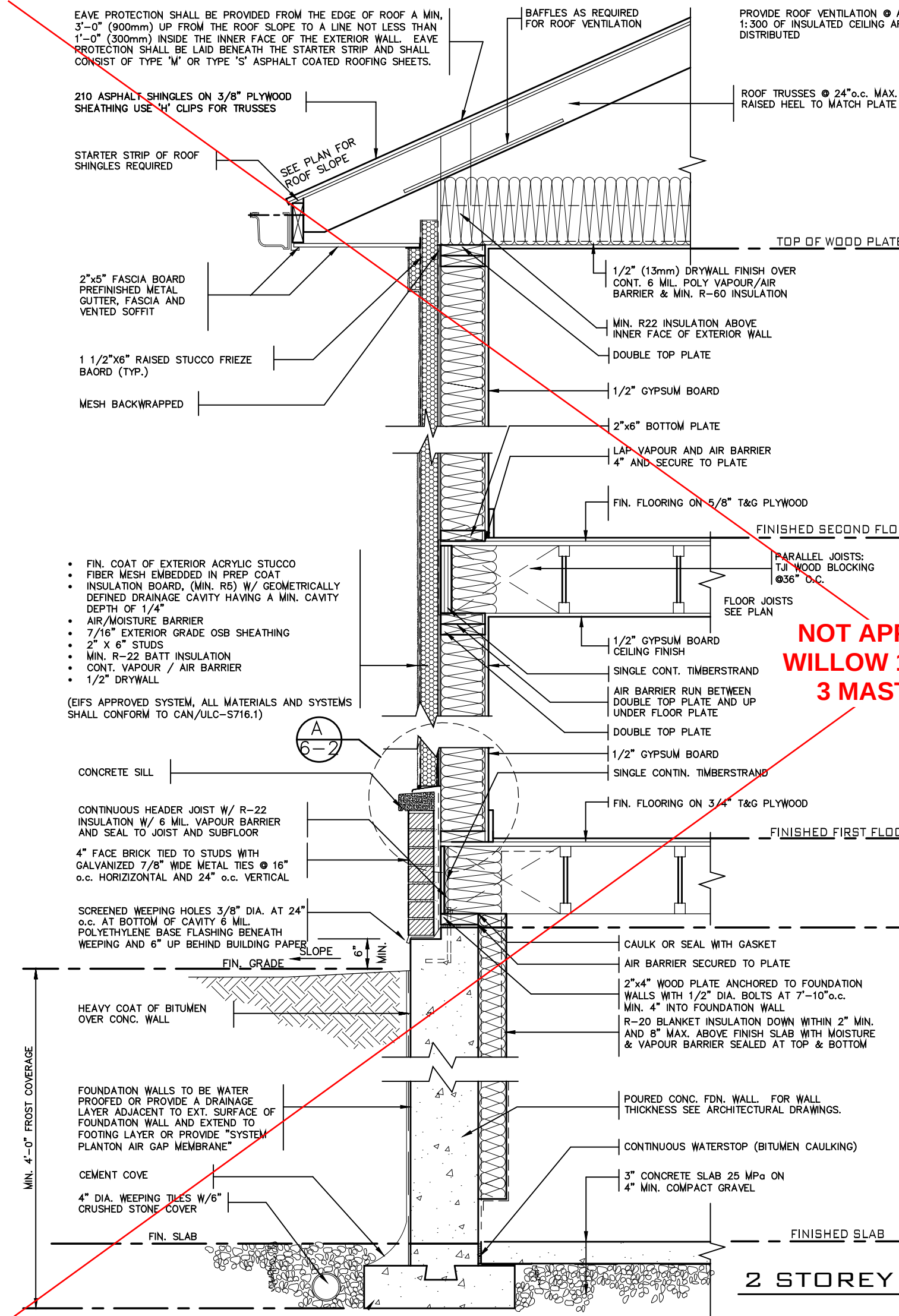
2012 CODE

2 STOREY WALL SECTION 2"x6" BRICK VENEER	MODEL NAME T
BARLASSINA CONSTRUCTION CITY OF CAMBRIDGE	SCALE: AS NOTED
	PROJ. No. 21-35
	DWG. No. 2



NOT APPLICABLE TO
WILLOW 1 - ELEVATION
3 MASTER MODEL

2 STOREY WALL SECTION



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Walter Botter 21031
NAME SIGNATURE BCIN

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

jardin design group inc. 27763
FIRM NAME BCIN

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2 STOREY WALL SECTION
2"x6" STUCCO WALL

BARLASSINA CONSTRUCTION
CITY OF CAMBRIDGE

MODEL NAME
T

SCALE: AS NOTED

PROJ. No. 21-35

DWG. No. 3

38x89 (2"x4") STUDS @ 400 O.C.
WITH 15.9mm (5/8") TYPE 'X'
GYPSUM BOARD ONE LAYER ON
EACH SIDE. (~~SG-8, SECTION 8.1,~~
Wld WALL ASSEMBLY) **SB-3**

5/8" TYPE 'X' GYPSUM
WALL BOARD

FIRE RESISTANCE RATING PROVIDED
FOR FRAMED ASSEMBLY IS 1.5 HR.
AS PER SUPPLEMENTARY
STANDARD SB-203.4. METHOD OF
CALCULATION, FIRE RESISTANCE
RATING REQ'D IS 1 HR. (AS PER
SENTENCE 9.10.11.2.(1) O.B.C.)

T.12.3.2.1. INSULATION IN ROOF
SPACE W/ 6-MIL POLY VAPOUR
BARRIER ON INTERIOR SIDE
FINISHED WITH 5/8" GYPSUM WALL
BOARD OR APPROVED EQUAL.

STRUDET INC.



MIN. 1 HR RATED WALL
AS PER O.B.C.
9.10.11.2. (5/8" TYPE 'X'
DRYWALL UP TO FIRST
PARTITION) ON 2"x6"
SPR. STUDS 16" O.C.
FILLED WITH INSULATION
CONFORMING TO
CSA-A101-M,"THERMAL
INSUL. MINERAL FIBRE,
FOR BUILDINGS" AND
HAVING A MASS NOT
LESS THAN 1.22 KG/M2
OF WALL SURFACE
56-2 2.3.5(2)
SB

2012 CODE

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Walter Botter 2103
NAME SIGNATURE BCT

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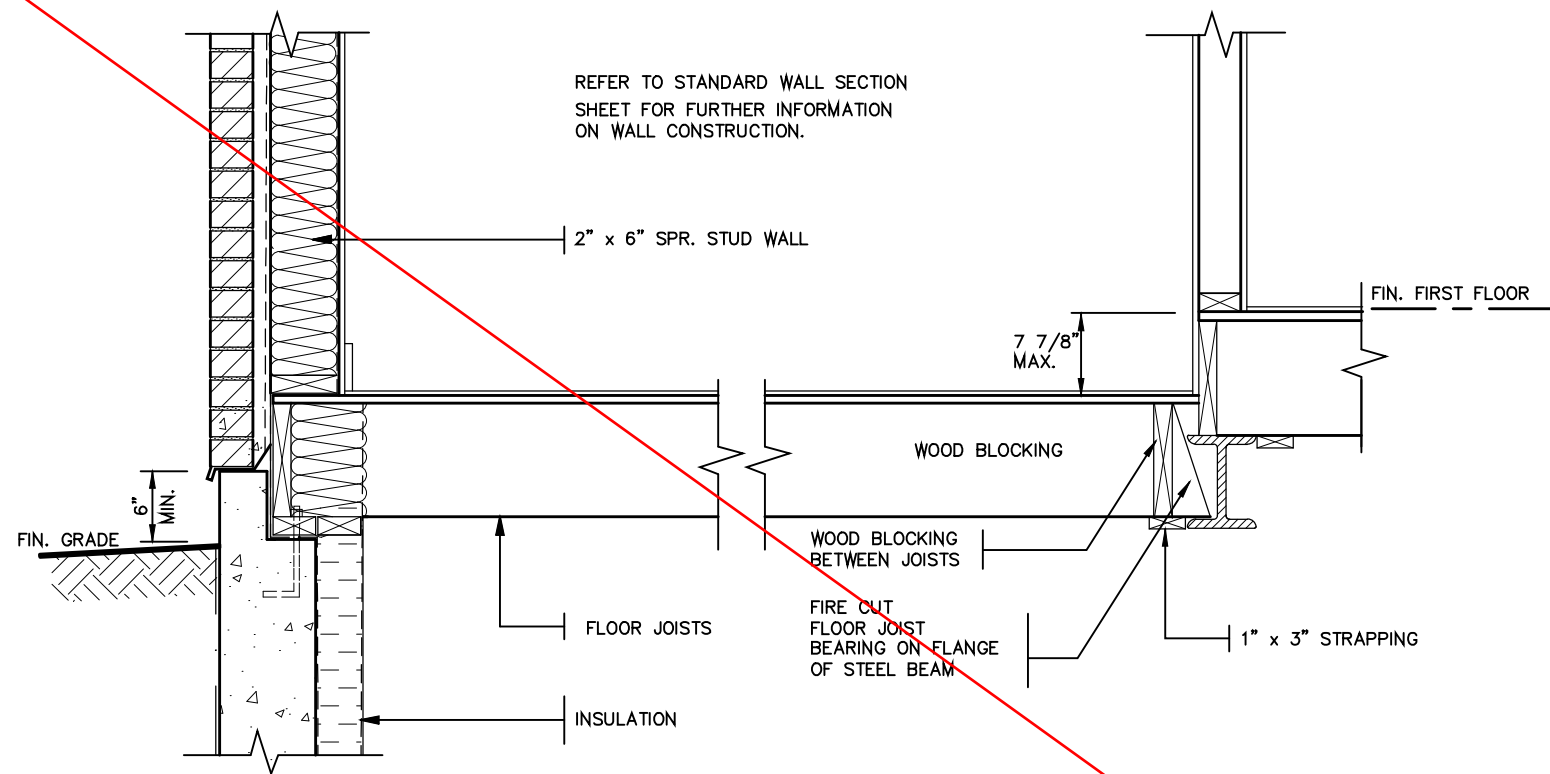
jardin design group inc. 2776
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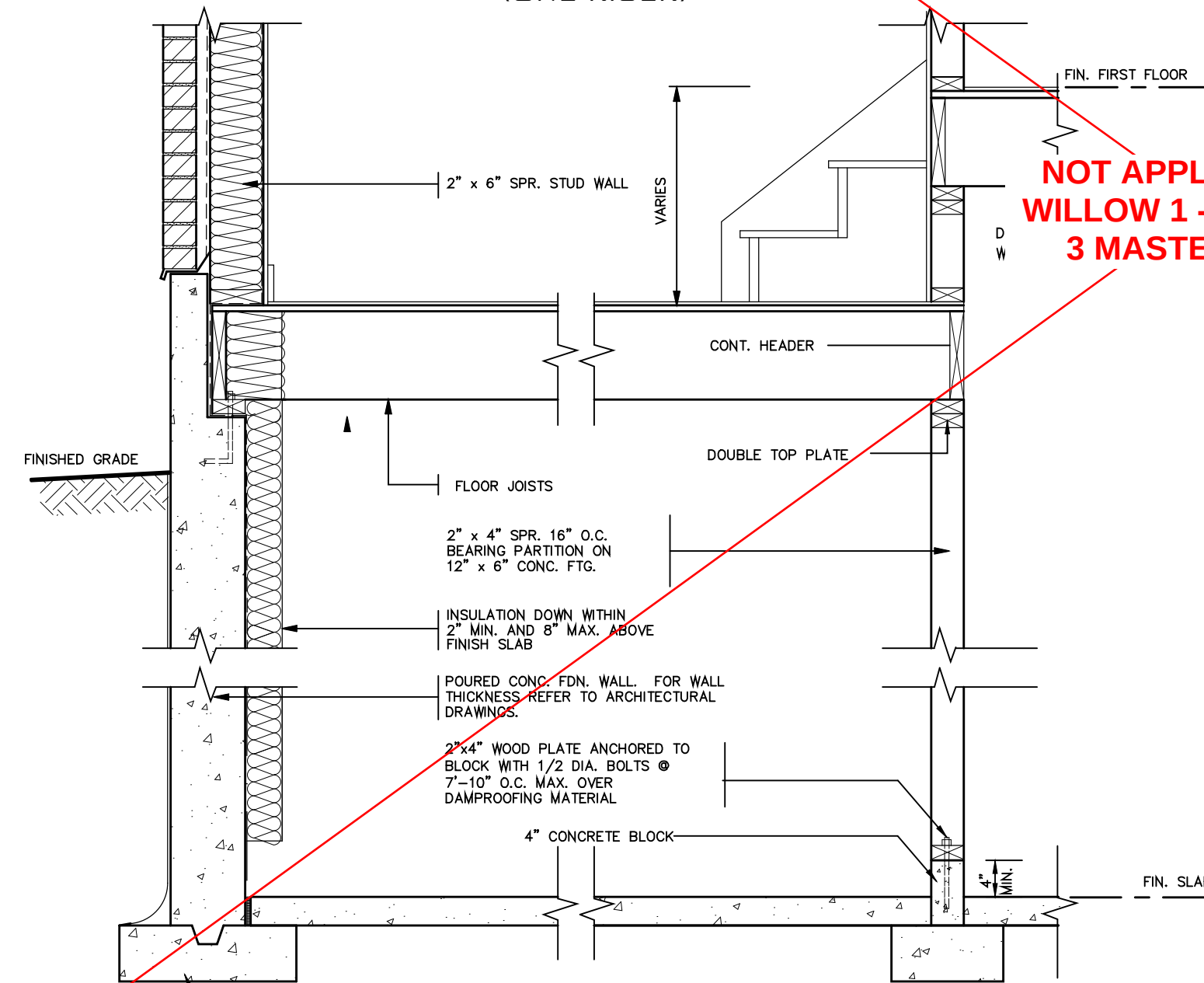
WOOD PARTY WALL
BARLASSINA CONSTRUCTION
CITY OF CAMBRIDGE



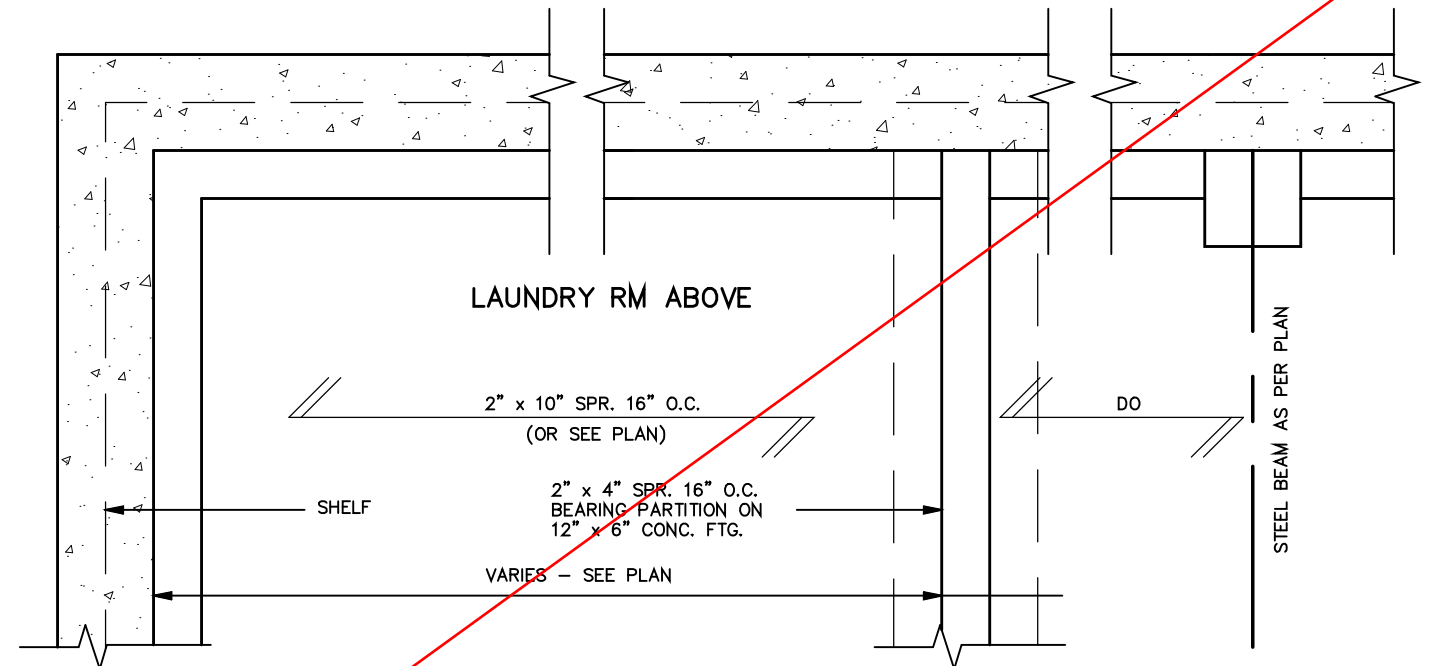
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PROJ. No. 21-35	DWG. No. 4



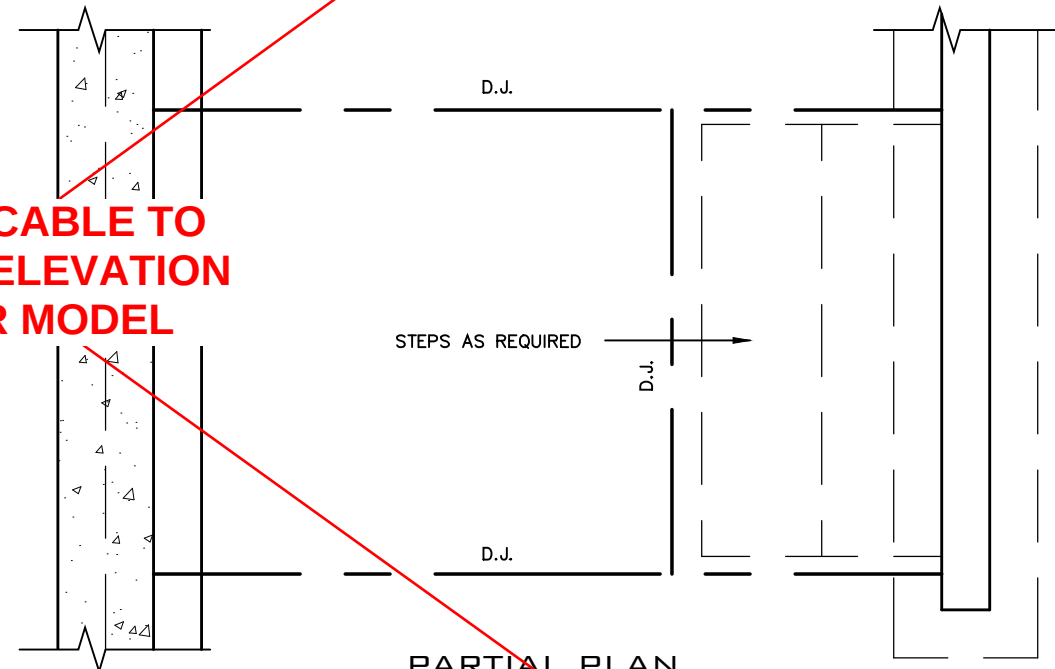
DETAIL OF SUNKEN LAUNDRY
(ONE RISER)



DETAIL OF SUNKEN LAUNDRY
(MORE THAN ONE RISER)

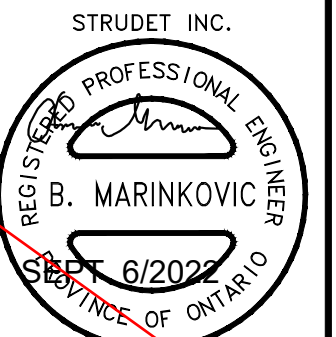


LAUNDRY RM ABOVE



PARTIAL PLAN

NOT APPLICABLE TO
WILLOW 1 - ELEVATION
3 MASTER MODEL



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Walter Botter *Walter Botter* 21031
NAME SIGNATURE BCIN

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

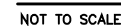
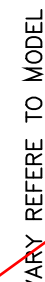
jardin design group inc. 27763
FIRM NAME BCIN

jardin
DESIGN GROUP INC
64 JARDIN DR. SUITE 3A
VAUGHAN ONT. L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

SUNKEN LAUNDRY
BARLASSINA CONSTRUCTION
CITY OF CAMBRIDGE



MODEL NAME	T	---
SCALE:	3/4" = 1'-0"	
PROJ. No.	21-35	DWG. No.
		5



- 1.0 UNIT INSTALLATION TO STRICTLY CONFORM TO MANUFACTURERS' INSTALLATION MANUAL AND ALL APPLICABLE CODES OF LOCAL AUTHORITIES HAVING JURISDICTION INCLUDING CAN/OGA-B149.1 & 2.
- 2.0 INSTALL WITH THE FOLLOWING MINIMUM CLEARANCES TO COMBUSTIBLES:
 - FROM TOP OF UNIT 0"
 - FROM BACK OF UNIT 1/2"
 - FROM SIDES OF UNIT 1/2"
 - FROM TOP OF HORIZ. VENT 3"
 - FROM SIDES TO VENT 1"
- 3.0 THE DIRECT VENT UNIT ILLUSTRATED IS THE GC150 MODEL AS MANUFACTURED BY HEATILATOR.
- 4.0 THE MANTEL ILLUSTRATED IS THE S-2 GB AS SUPPLIED BY GREATER TORONTO FIREPLACE.

7		
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2	AUG. 31, 2022	ADDED TO JOB; ISSUED FOR PERMIT
1	AUG. 17, 2018	PREPARED TO PACKAGE 'A1' ISSUED TO CLIENT
No.	DATE	WORK DESCRIPTION

jardin design group inc.	27763
FIRM NAME	BCIN

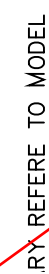
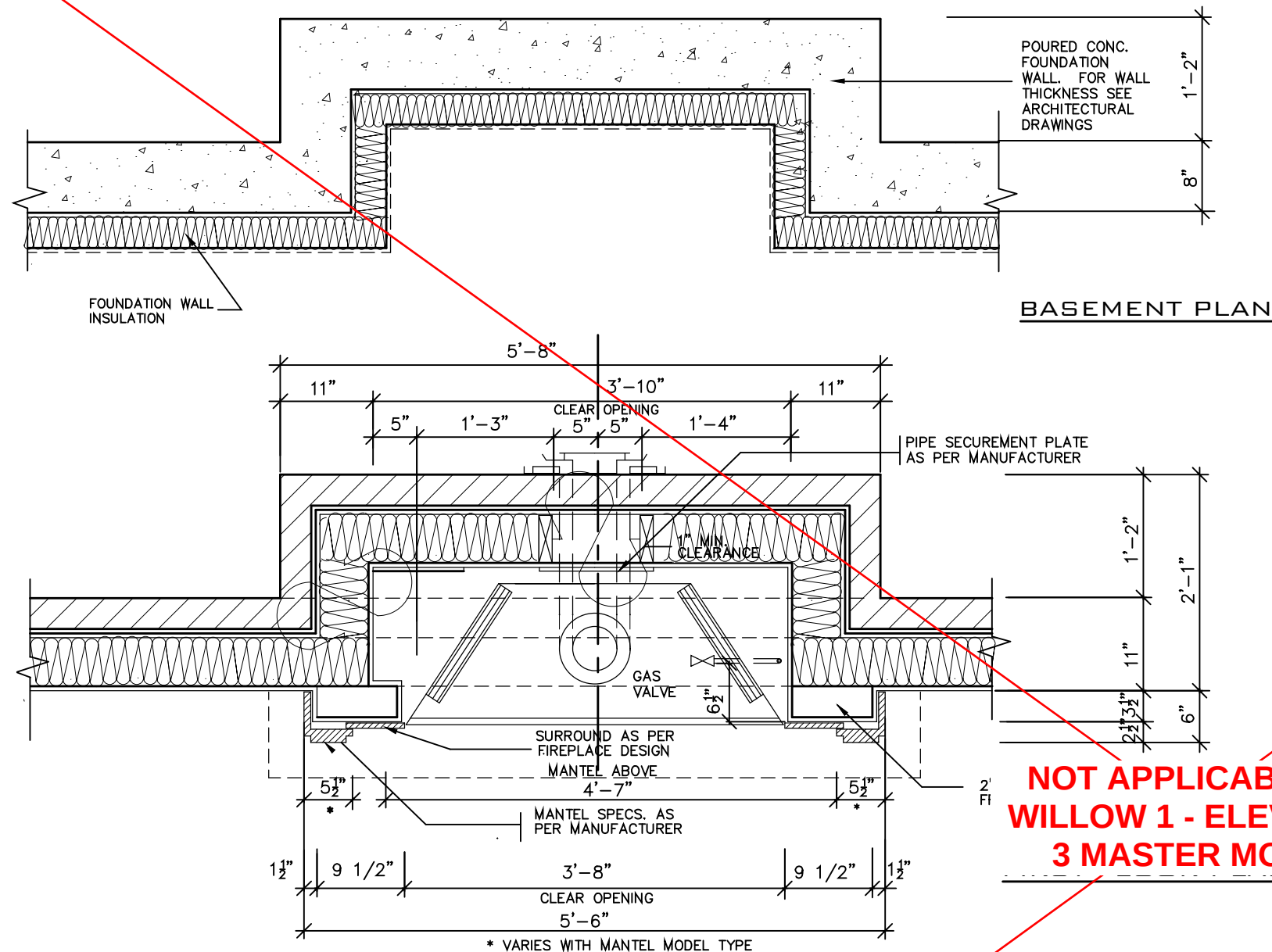
64 JARDIN DR, SUITE 3A
VAUGHAN ONT, L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

DIRECT VENT FIREPLACE
BARLASSINA CONSTRUCTION
CITY OF CAMBRIDGE

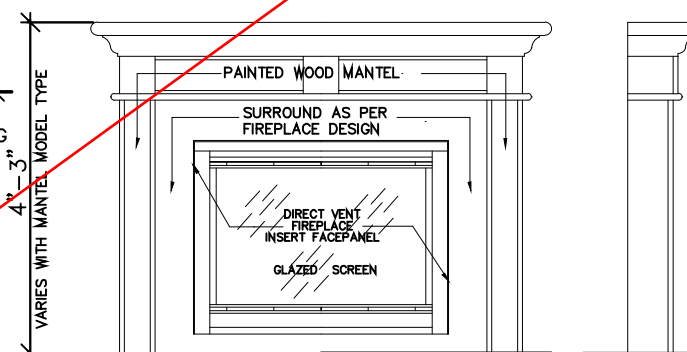
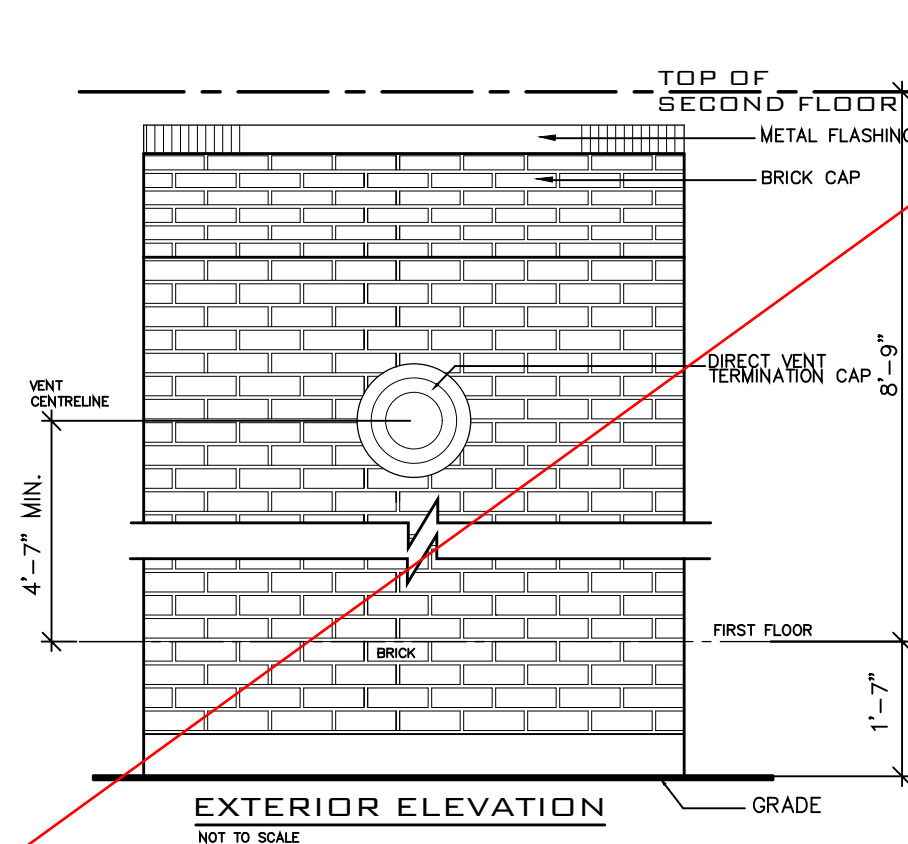
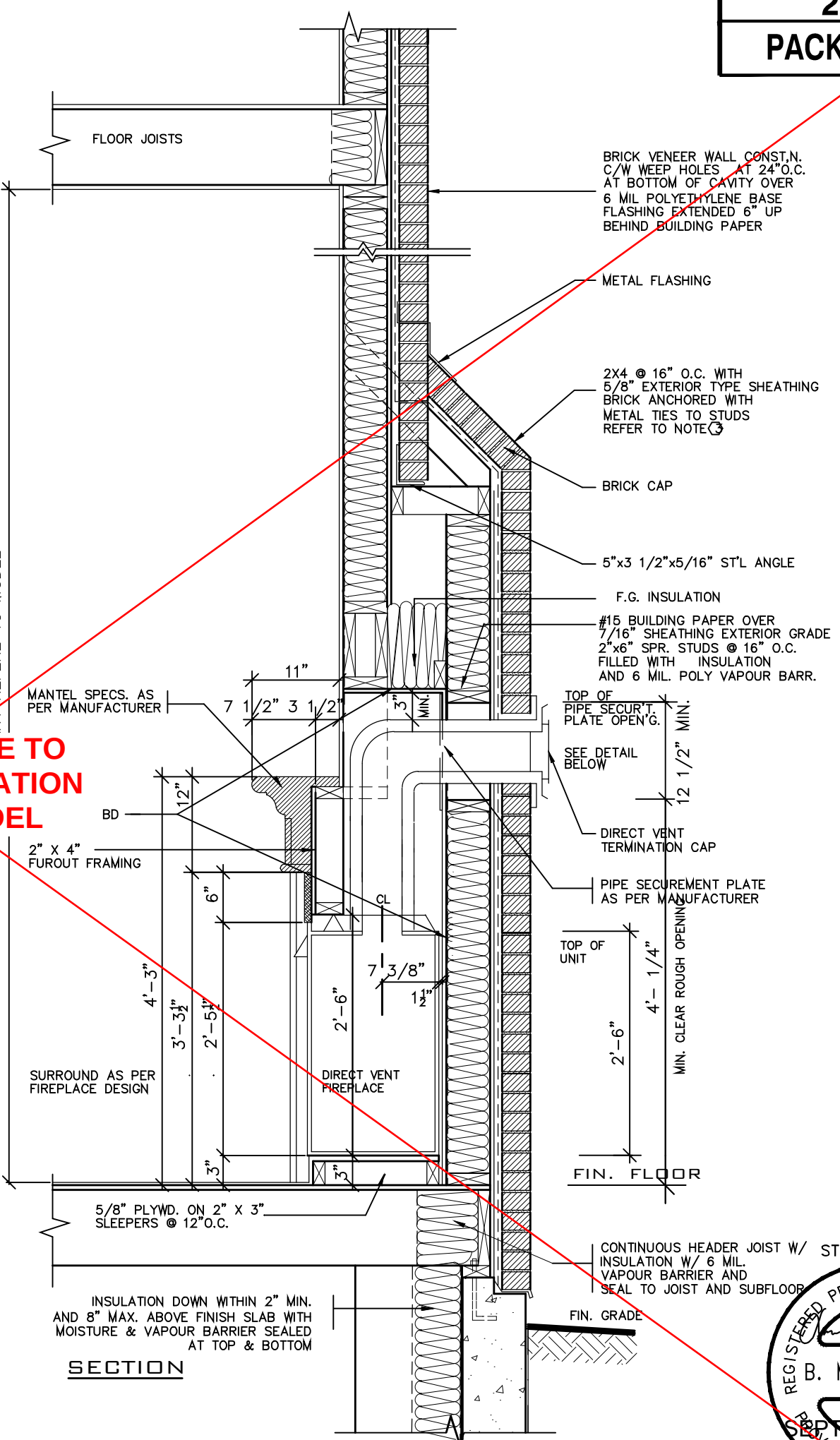
 BILD®	MODEL NAME	
	T ----	
	SCALE: 3/4" = 1'-0"	
	PROJ. No.	DWG. No.
	21-35	6

FOR STRUCTURE ONLY

2012 CODE



**NOT APPLICABLE TO
WILLOW 1 - ELEVATION
3 MASTER MODEL**



FRONT/SIDE ELEVATION

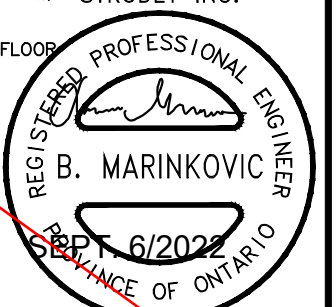
NOT TO SCALE

GENERAL INSTALLATION NOTES

- 1.0 UNIT INSTALLATION TO STRICTLY CONFORM TO MANUFACTURERS INSTALLATION MANUAL AND ALL APPLICABLE CODES OF LOCAL AUTHORITIES HAVING JURISDICTION INCLUDING CAN/CGA-B149.1 & 2.
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 - FROM SIDES OF UNIT 1/2"
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 - FROM SIDES TO VENT 1"
- 3.0 THE DIRECT VENT UNIT ILLUSTRATED IS THE GC150 MODEL AS MANUFACTURED BY HEATILATOR.
- 4.0 THE MANTEL ILLUSTRATED IS THE S-2 GB AS SUPPLIED BY GREATER TORONTO FIREPLACE.

SECTION

ST W/ STRUDET INC.
FLOOR PROFESSIONAL



~~FOR STRUCTURE ONLY~~

2012 CODE

THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO JARDIN DESIGN GROUP INC. PRIOR TO COMMENCEMENT OF WORK.

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AS CONSTRUCTED INVERTS MUST BE VERIFIED PRIOR TO POURING FOOTINGS.

JARDIN DESIGN GROUP INC. HAS NOT BEEN RETAINED TO CARRY OUT GENERAL REVIEW OF THE WORK AND ASSUMES NO RESPONSIBILITY FOR THE FAILURE OF THE CONTRACTOR OR SUB CONTRACTOR TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

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7		
6		
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3		
2	AUG. 31, 2022	ADDED TO JOB; ISSUED FOR PERMIT
1	AUG. 17, 2018	PREPARED TO PACKAGE A1* ISSUED TO CLIENT
No:	DATE:	WORK DESCRIPTION:

DRAWN BY:	DRAWING NAME: GENERAL NOTES
-----------	-----------------------------

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.

NAME	Walter Botter	2103
SIGNATURE	<i>[Signature]</i>	RCIN

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

FIRM NAME	jardin design group inc.	27763
BCIN		

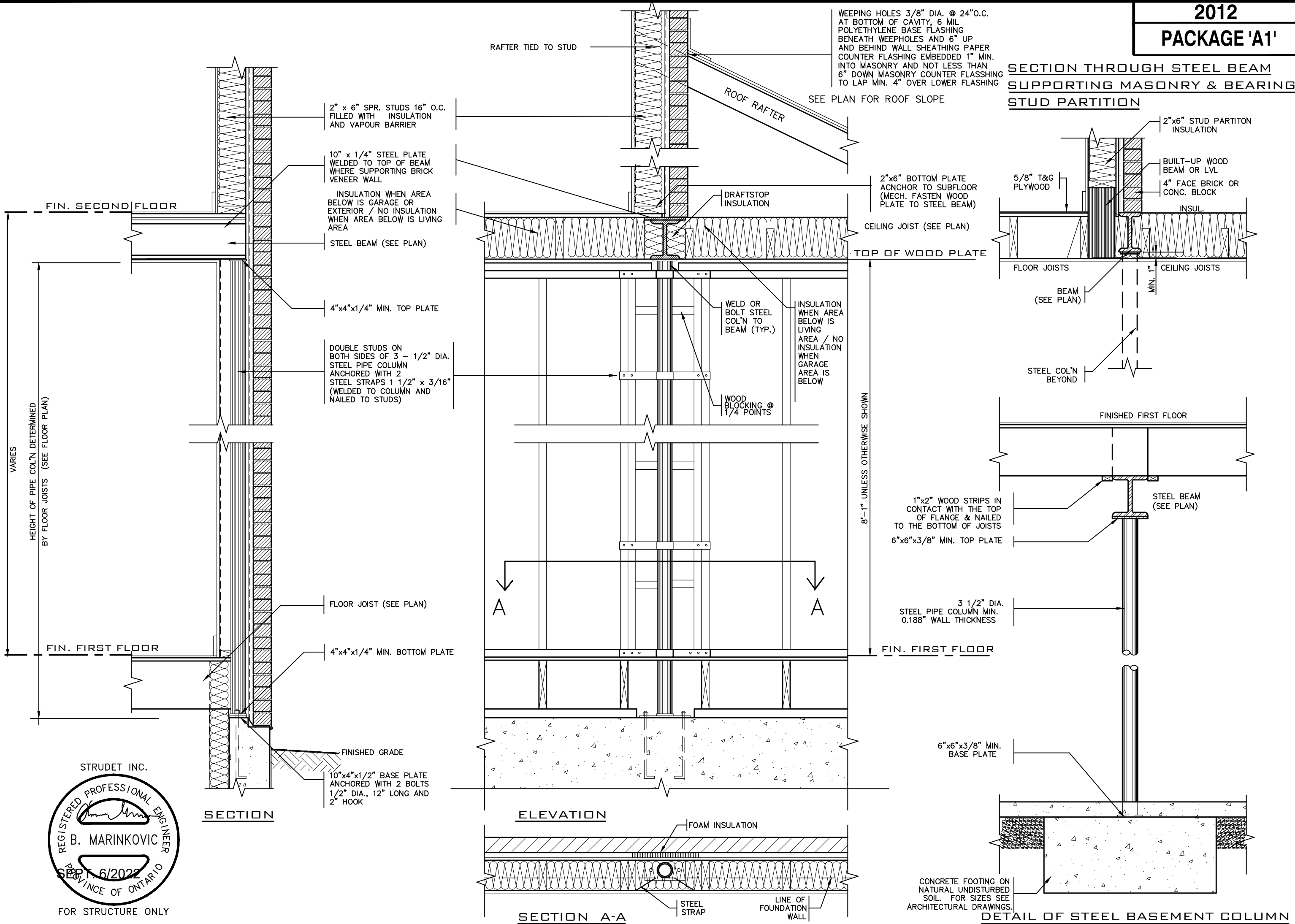
jardin
DESIGN GROUP INC
64 JARDIN DR, SUITE 3A
VAUGHAN ONT, L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

DIRECT VENT FIREPLACE WITH BRICK CAP
BARLASSINA CONSTRUCTION CITY OF CAMBRIDGE



MODEL NAME T	
SCALE: 3/4" = 1'-0"	
PROJ. No. 21-35	DWG. No. 6-1

SECTION THROUGH STEEL BEAM
SUPPORTING MASONRY & BEARING
STUD PARTITION



STRUDET INC.
REGISTERED PROFESSIONAL ENGINEER
B. MARINKOVIC
SEP 6/2022
PROVINCE OF ONTARIO
FOR STRUCTURE ONLY

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QUALIFICATION INFORMATION
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Walter Botter 21031
NAME SIGNATURE BCIN

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

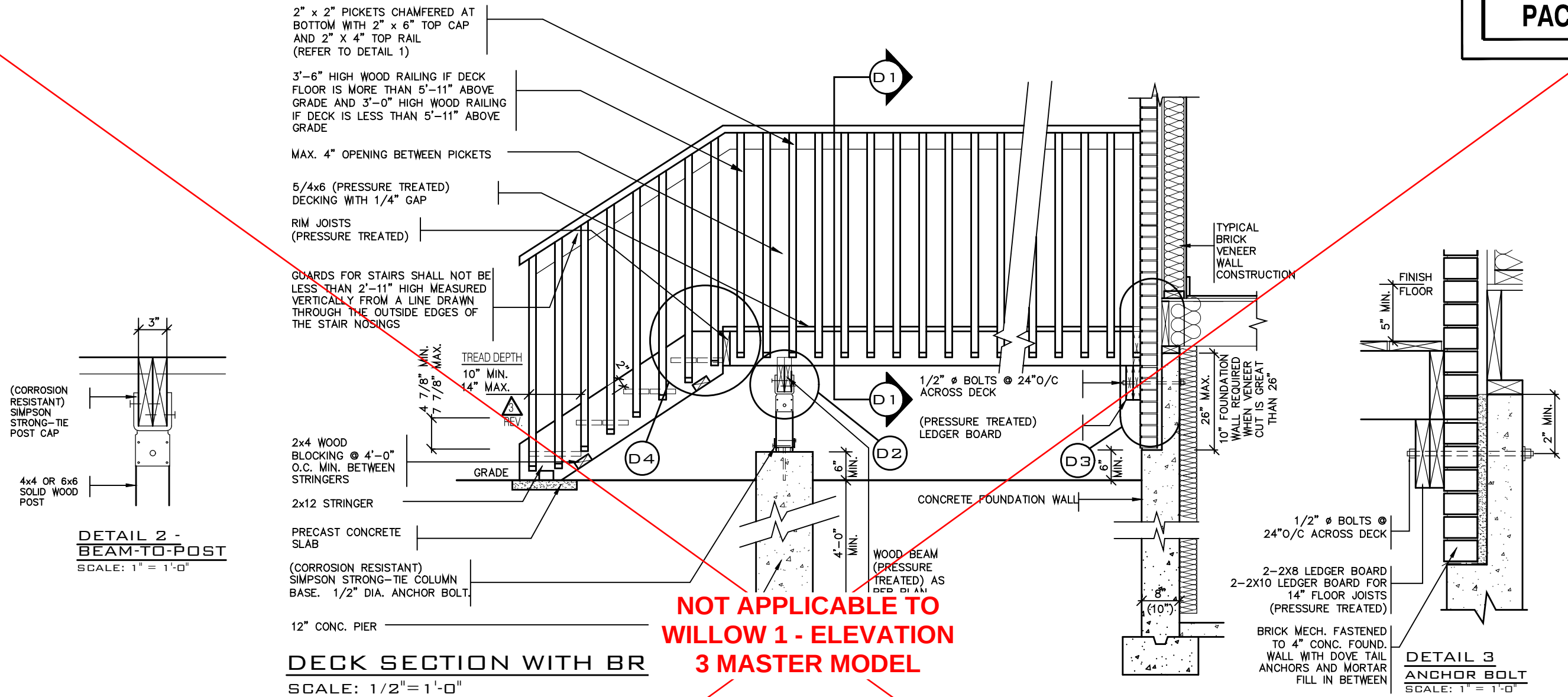
jardin design group inc. 27763
FIRM NAME BCIN

jardin
DESIGN GROUP INC
64 JARDIN DR. SUITE 3A
VAUGHAN ONT. L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

ST. COLUMN DETAILS
BARLASSINA CONSTRUCTION
CITY OF CAMBRIDGE

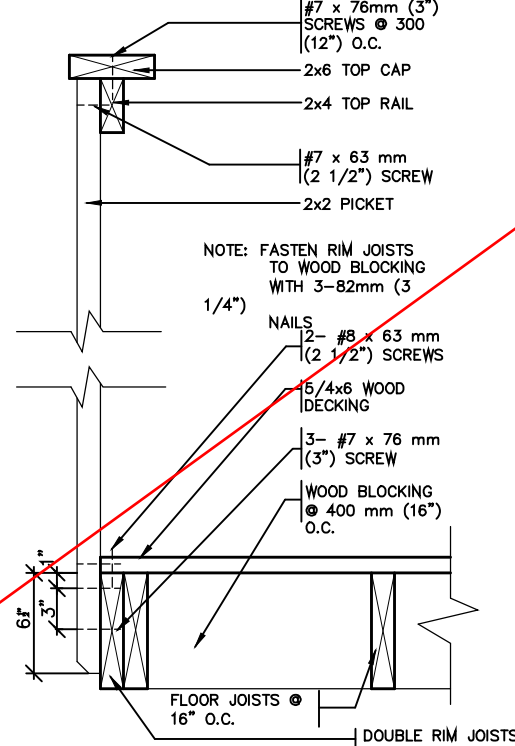


MODEL NAME T	---
SCALE: 3/4" = 1'-0"	
PROJ. No. 21-35	DWG. No. 7

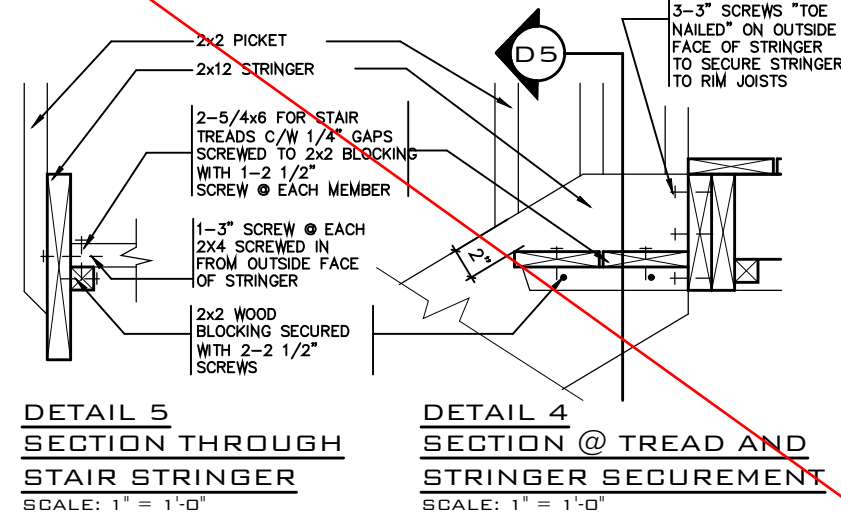
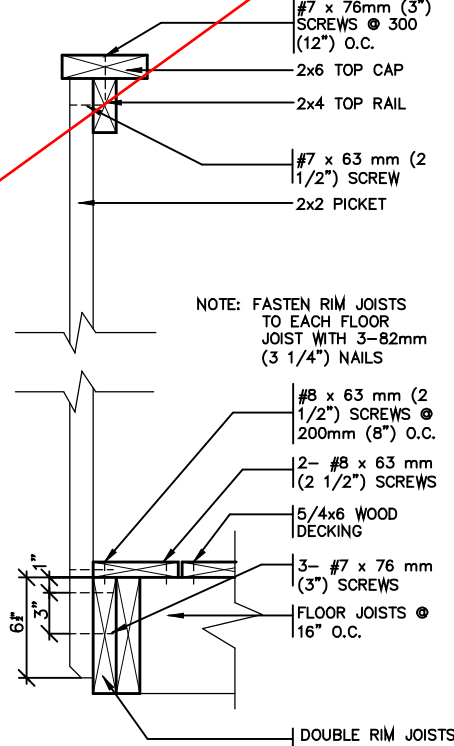


DETAIL 1

CANTILEVERED PICKET SCREWED TO RIM JOIST AND DECK
GUARD PARALLEL TO FLOOR JOISTS
SCALE: 1" = 1'-0"



GUARD PERPENDICULAR TO FLOOR JOISTS
SCALE: 1" = 1'-0"



GENERAL NOTES

- BRICK TO BE COMPRESSIVE STRENGTH OF 15mPa (2200 p.s.i.) MIN. UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS.
- MORTAR TO BE TYPE S WITH JOINT THICKNESS OF 10mm (3/8") MIN. AND 20mm (3/4") MAX.
- ALL NAILS AND SCREWS TO BE GALVANIZED.
- WOOD FOR CANTILEVERED PICKETS SHALL BE DOUGLAS FIR-LARCH, SPRUCE-PINE-FIR, OR HEM-FIR SPECIES.
- THE DECK HAS BEEN DESIGNED TO SAFELY SUPPORT A SUPERIMPOSED LOAD OF 1.9kPa [40psf].
- CONCRETE SHALL HAVE COMPRESSIVE STRENGTH OF 20MPa AT 28 DAYS AND 5-8% AIR ENTRAINED.
- FOOTING TO BE PLACED ON UNDISTURBED SOIL WITH MIN. BEARING PRESSURE OF 150kPa [3130psf].

STRUDET INC.



FOR STRUCTURE ONLY

2012 CODE

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3	AUG. 31, 2022	ADDED TO JOB; ISSUED FOR PERMIT
2	MAR. 14, 2022	O.B.C. UPDATE FOR STAIRS (JAN. 1/2022)
1	AUG. 17, 2018	PREPARED TO PACKAGE 'A1' ISSUED TO CLIENT
No:	DATE:	WORK DESCRIPTION:

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.

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

Walter Botter 21031
NAME SIGNATURE BCIN

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

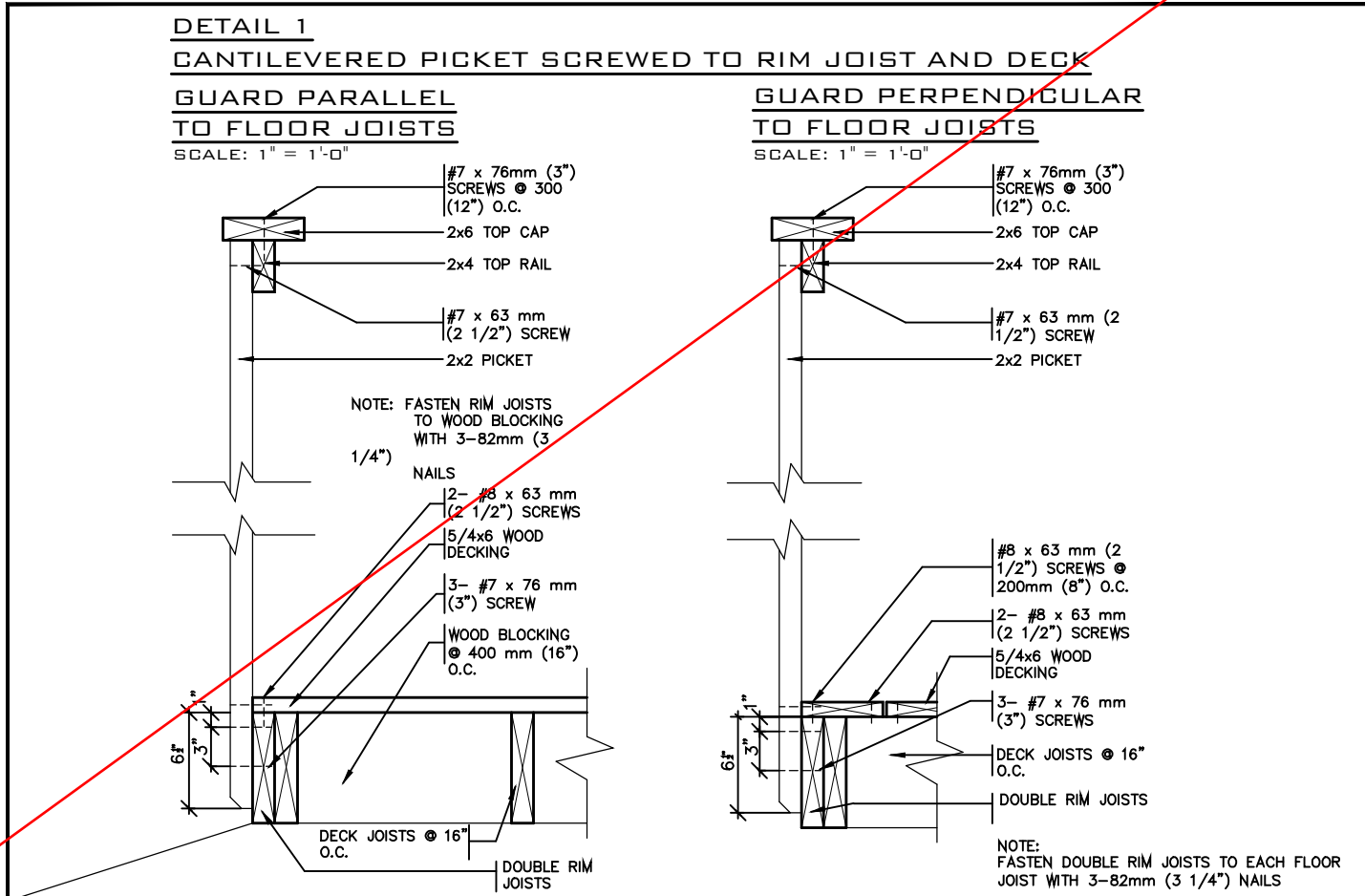
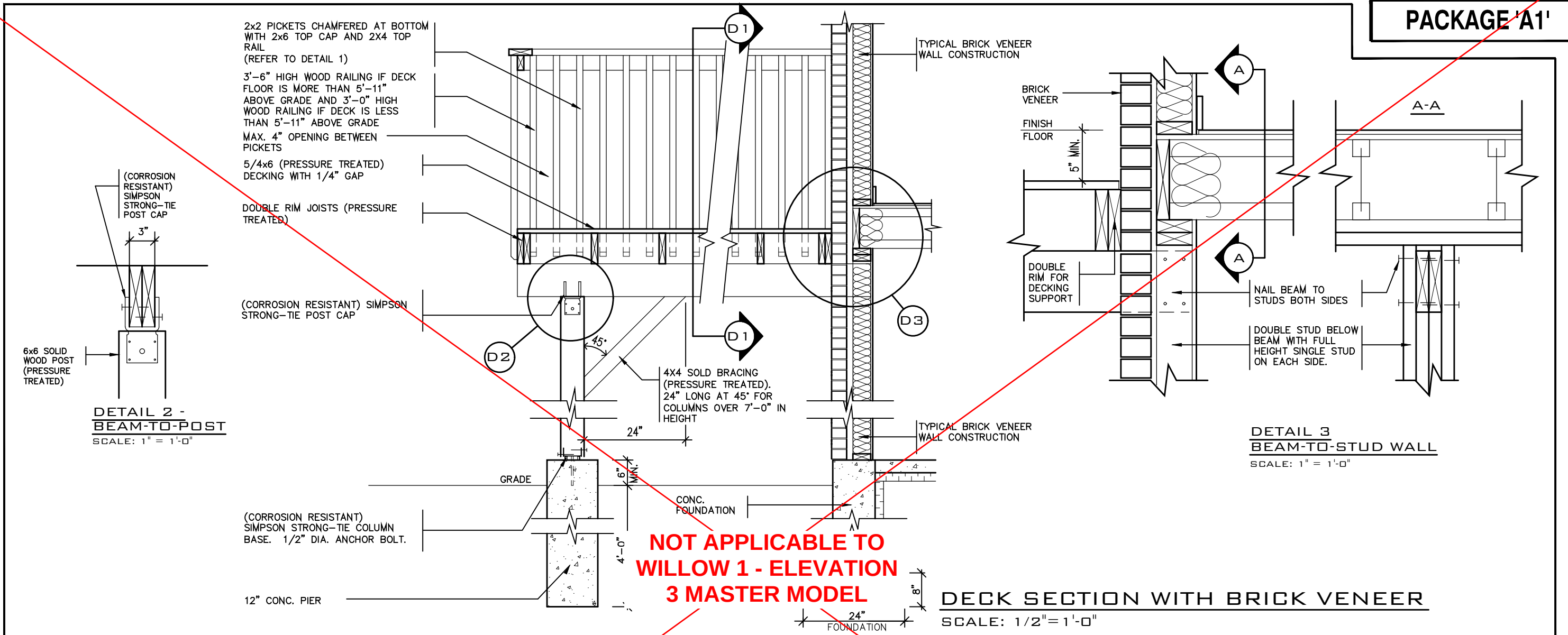
jardin design group inc. 27763
FIRM NAME BCIN

jardin
DESIGN GROUP INC
64 JARDIN DR. SUITE 3A
VAUGHAN ONT. L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

WOOD DECK DETAIL
BARLASSINA CONSTRUCTION
CITY OF CAMBRIDGE

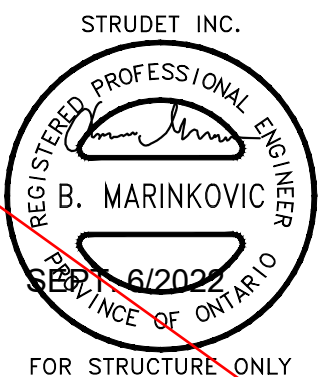


MODEL NAME	T	---
SCALE:	AS SHOWN	
PROJ. No.	21-35	DWG. No.
		8



GENERAL NOTES

1. THE DECK HAS BEEN DESIGNED TO SAFELY SUPPORT A SUPERIMPOSED LOAD OF 1.9kPa [40psf].
2. ALL NAILS AND SCREWS TO BE GALVANIZED.
3. WOOD FOR CANTILEVERED PICKETS SHALL BE DOUGLAS FIR-LARCH, SPRUCE-PINE-FIR, OR HEM-FIR SPECIES.
4. CONCRETE SHALL HAVE COMPRESSIVE STRENGTH OF 20MPa AT 28 DAYS AND 5-8% AIR ENTRAINMENT.
5. FOOTING TO BE PLACED ON UNDISTURBED SOIL WITH MIN. BEARING PRESSURE OF 150kPa [3130psf].



2012 CODE

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Walter Botter 21031
NAME SIGNATURE BCIN

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

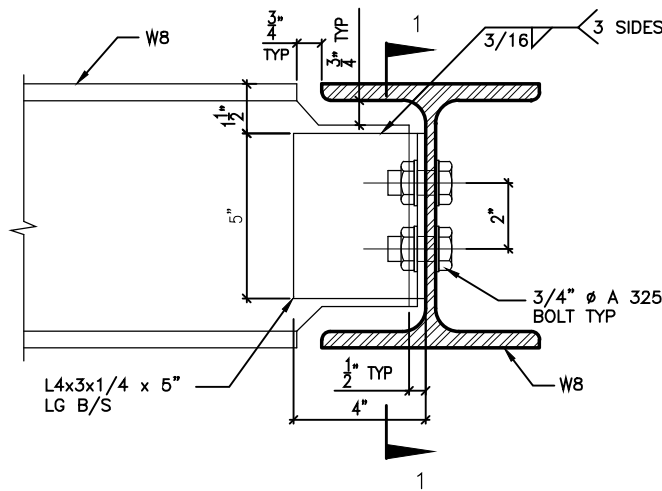
jardin design group inc. 27763
FIRM NAME BCIN

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

WALK-OUT DECK DETAIL
BARLASSINA CONSTRUCTION
CITY OF CAMBRIDGE

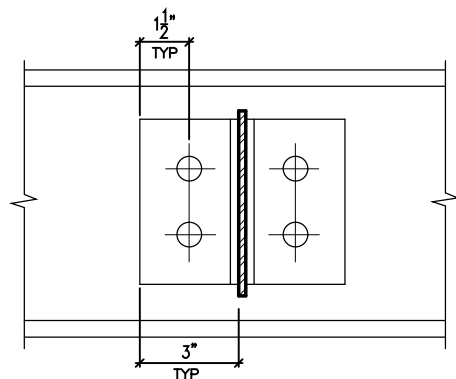


MODEL NAME T	---
SCALE: AS SHOWN	
PROJ. No. 21-35	DWG. No. 8-1

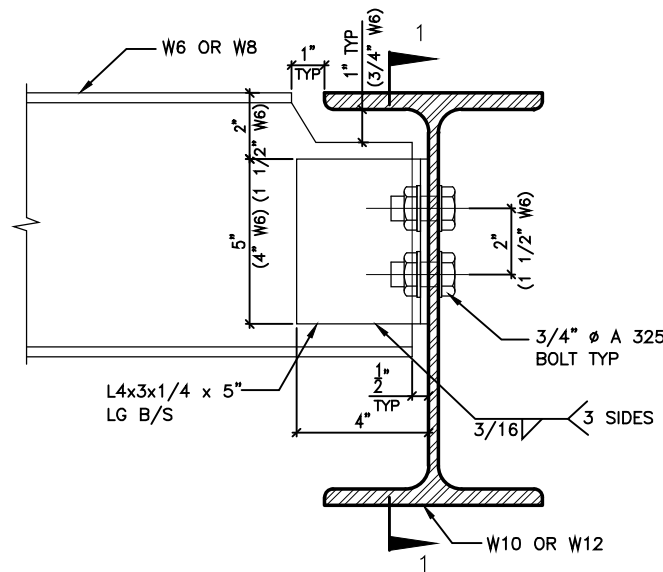


DETAIL 1.

W8
TO
W8
CONNECTION

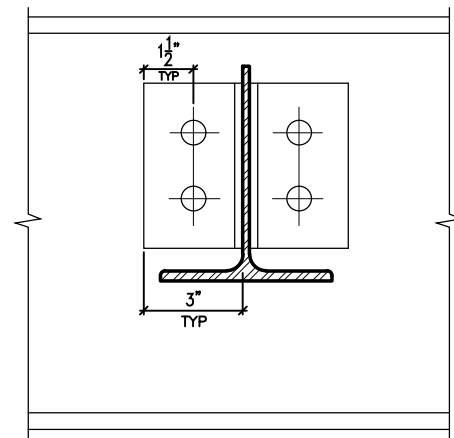


SECTION 1-1

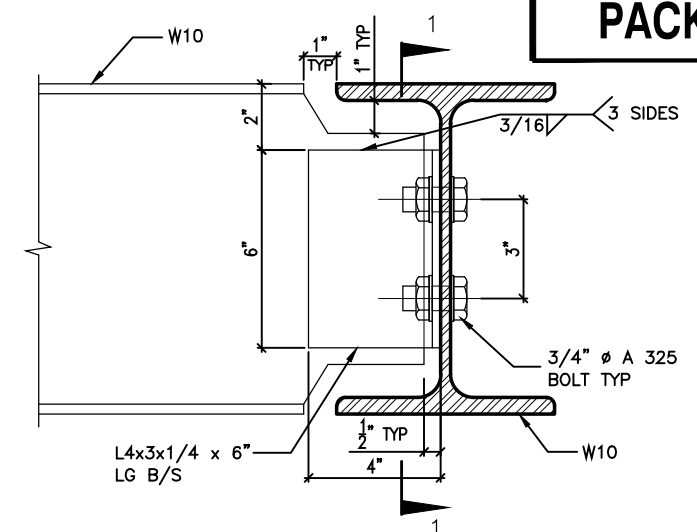


DETAIL 2.

W6(W8)
TO
W10(W12)
CONNECTION

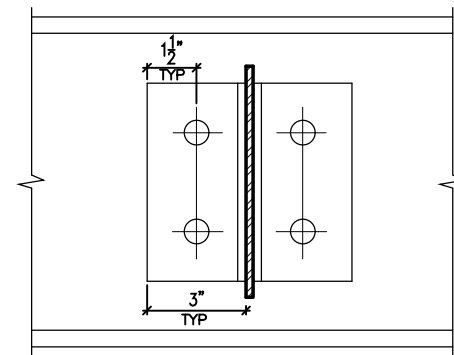


SECTION 1-1

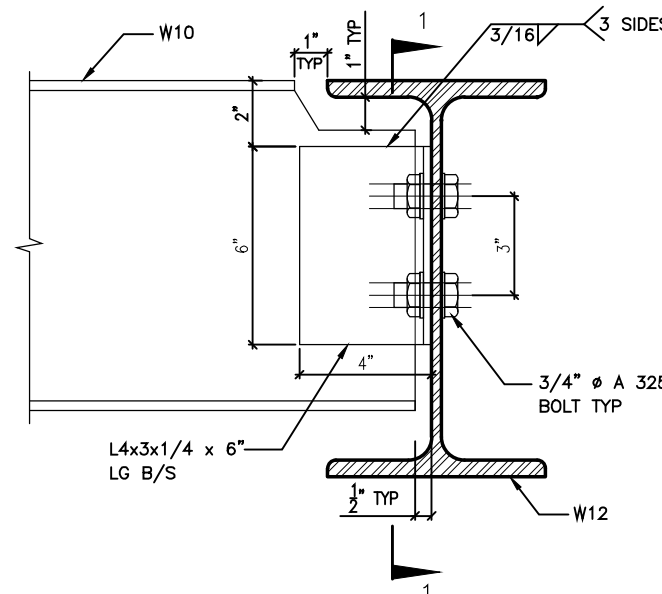


DETAIL 3.

W10
TO
W10
CONNECTION

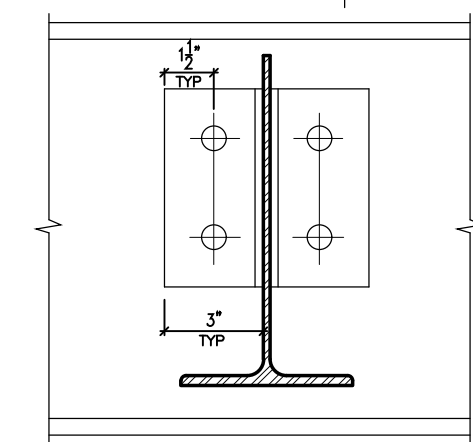


SECTION 1-1

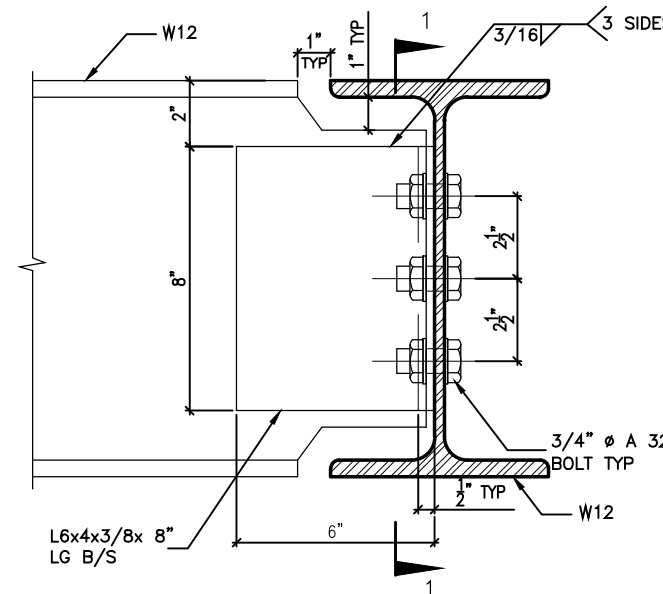


DETAIL 4.

W10
TO
W12
CONNECTION

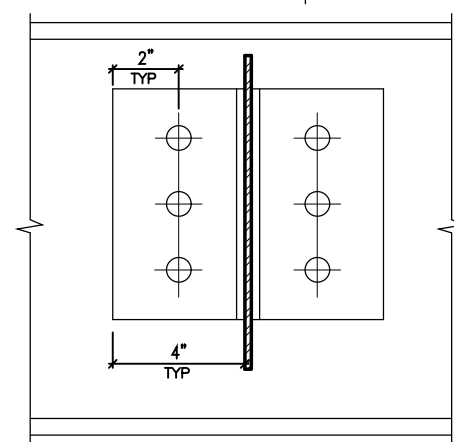


SECTION 1-1

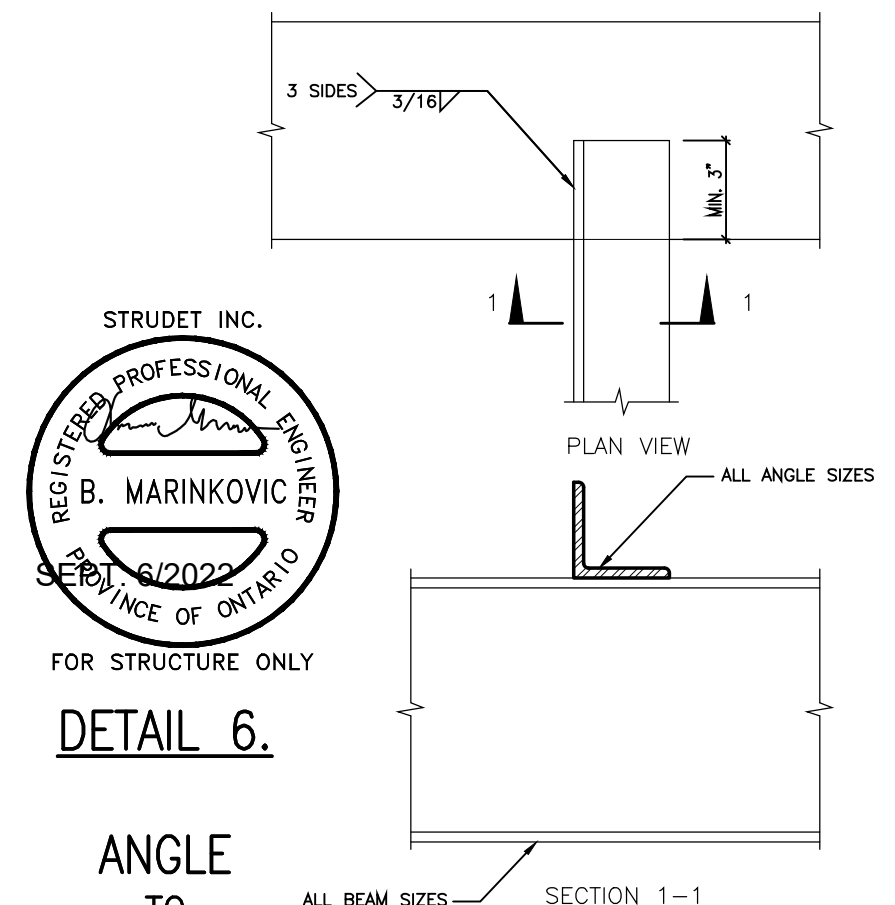


DETAIL 5.

W12
TO
W12
CONNECTION



SECTION 1-1



DETAIL 6.

ANGLE
TO
BEAM
CONNECTION

2012 CODE

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6		
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3		
2	AUG. 31, 2022	ADDED TO JOB; ISSUED FOR PERMIT
1	AUG. 17, 2018	PREPARED TO PACKAGE 'A1' ISSUED TO CLIENT

No: DATE: WORK DESCRIPTION:

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

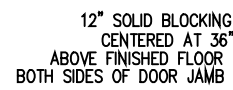
Walter Botter 21037
NAME SIGNATURE BCIN

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

jardin design group inc. 27763
FIRM NAME BCIN

jardin
DESIGN GROUP INC
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TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

STEEL BEAM DETAILS
BARLASSINA CONSTRUCTION CITY OF CAMBRIDGE
MODEL NAME T
SCALE: N.T.S.
PROJ. No. 21-35
DWG. No. 9



Technical drawing of a tub enclosure showing dimensions and materials. The drawing includes the following labels and dimensions:

- WOOD STUDS OR METAL STUDS**: Indicated at the top right corner.
- 2x8 WOOD BLOCKING BETWEEN WALL STUDS**: Indicated at the top center.
- 35" LONG MIN. GRAB BAR**: Indicated for the grab bar on the right wall.
- 4-3 1/2" SPIRAL NAILS BOTH SIDES (TYP.)**: Indicated for the wall studs.
- CL**: Center line markers on the walls.
- TUB**: Label for the tub opening.
- 1'-8" MAY VARY**: Dimension for the height of the tub opening.
- 5'-0" MAY VARY**: Dimension for the width of the tub opening.
- 2'-9" MIN. / 3'-0" MAX.**: Dimension for the height of the enclosure walls.
- 4"**: Dimension for the gap between the tub and the enclosure walls.

SIDES (TYP.)
4-3 1/2" SPIRAL
NAILS BOTH

2x8 WOOD
BLOCKING
BETWEEN WALL
STUDS

WOOD STUDS OR
METAL STUDS

MIN. 1 3/16" TO
1 1/2" MAX.

3'-2" T/O 2x8 WOOD BLOCKING

TOILET SIDE ELEVATION

The diagram shows a side elevation of a toilet stall partition. Key dimensions include a total height of 59 1/2" from the floor to the top of the wall, with a lower section of 29 1/2". A horizontal distance of 30" is shown between the main wall and a secondary vertical element. The bottom right corner features a sloped base with a minimum height of 1 3/16" and a maximum of 1 1/2". Vertical wood blocking is indicated as 3'-2" tall over the 2x8 framing. Various callouts specify nail types and stud materials.

WOOD STUDS OR METAL STUDS

4-3 1/2" SPIRAL NAILS BOTH SIDES (TYP.)

2x8 WOOD BLOCKING BETWEEN WALL STUDS

24" LONG MIN. GRAB BAR AS PER O.B.C. 3.8.3.8.(6)

6"

3'-2" T/O 2x6 WOOD BLOCKING

2'-10"

TOILET FRONT ELEVATION

STRUCTURAL
REINFORCEMENT FOR
GRAB BAR (OBC
9.5.2.3.)

STRUDET INC.

FOR STRUCTURE ONLY

9.5.2.3.)

BLOCKING FORCED ENTRY & GRAB BAR

BARLASSINA CONSTRUCTION
CITY OF CAMBRIDGE



MODEL NAME

T

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PROJ. No.

21-35

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2	AUG. 31, 2022	ADDED TO JOB; ISSUED FOR PERMIT
1	AUG. 17, 2018	PREPARED TO PACKAGE "A1" ISSUED TO CLIENT
No.	DATE:	WORK DESCRIPTION:

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.

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

Walter Botter *[Signature]* 2103

NAME _____ SIGNATURE _____ BCIN _____

REGISTRATION INFORMATION

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

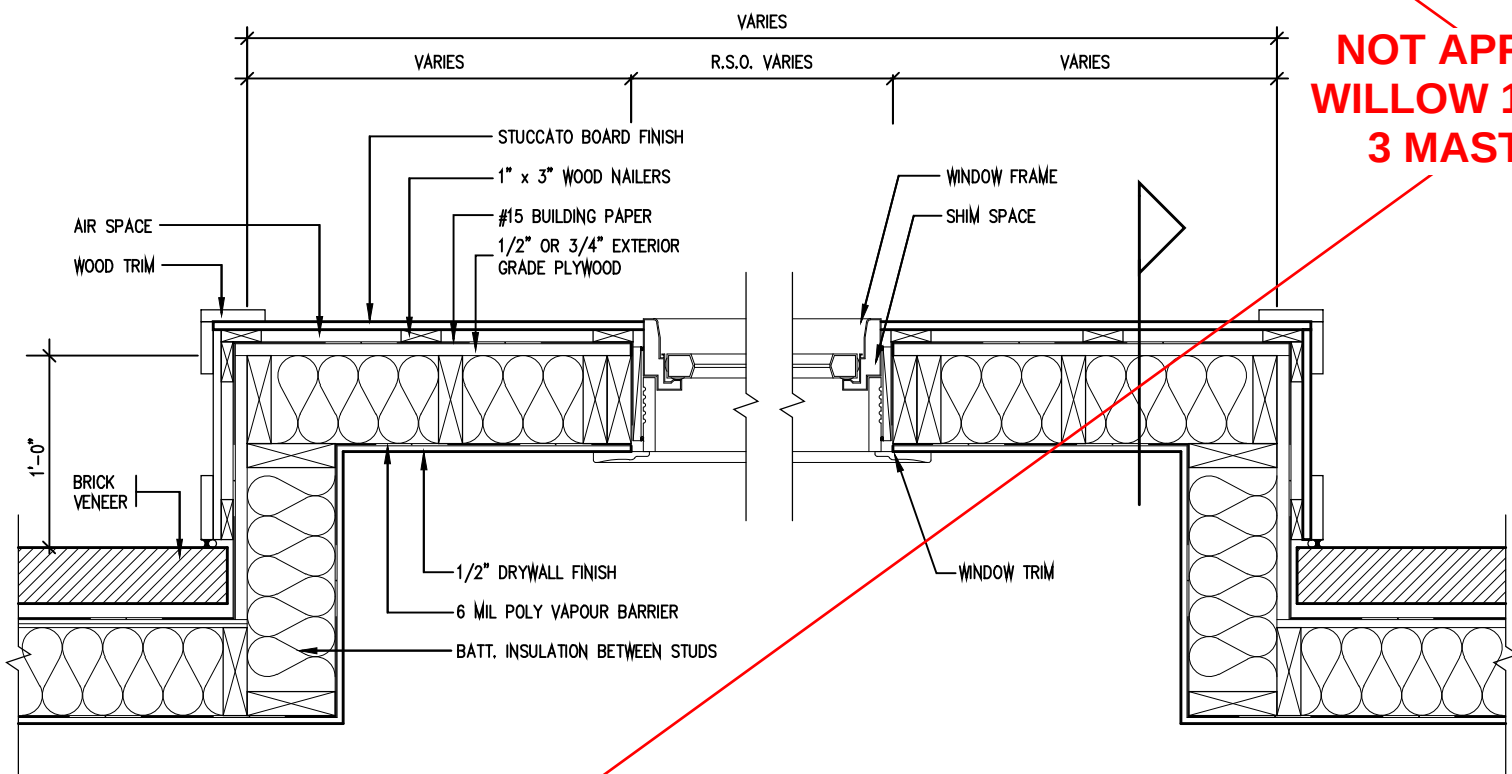
garden design group inc. 2776

FIRM NAME	BCI
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jardin

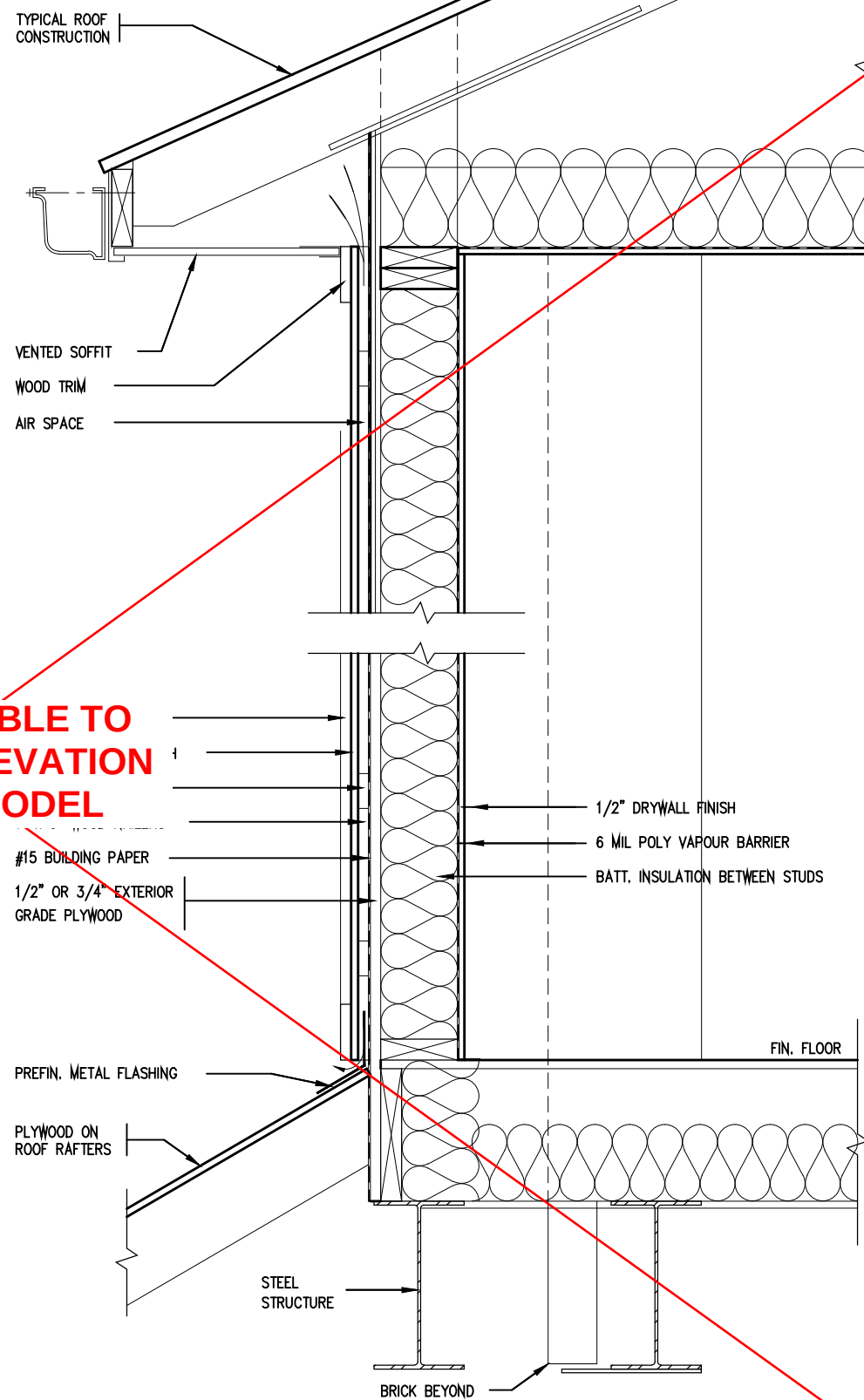
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

202



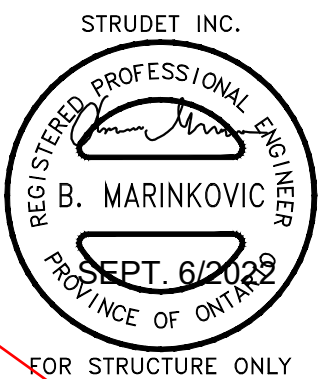
PLAN VIEW

STUCCATO BOARD FINISH CLADDING (OBC 9.27.)



CROSS SECTION

NOT APPLICABLE TO
WILLOW 1 - ELEVATION
3 MASTER MODEL



2012 CODE

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

Walter Botter *WBe* 21031
NAME SIGNATURE BCIN

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

jardin design group inc. 27763
FIRM NAME BCIN

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

STUCCATO BOARD
FINISH CLADDING

BARLASSINA CONSTRUCTION
CITY OF CAMBRIDGE

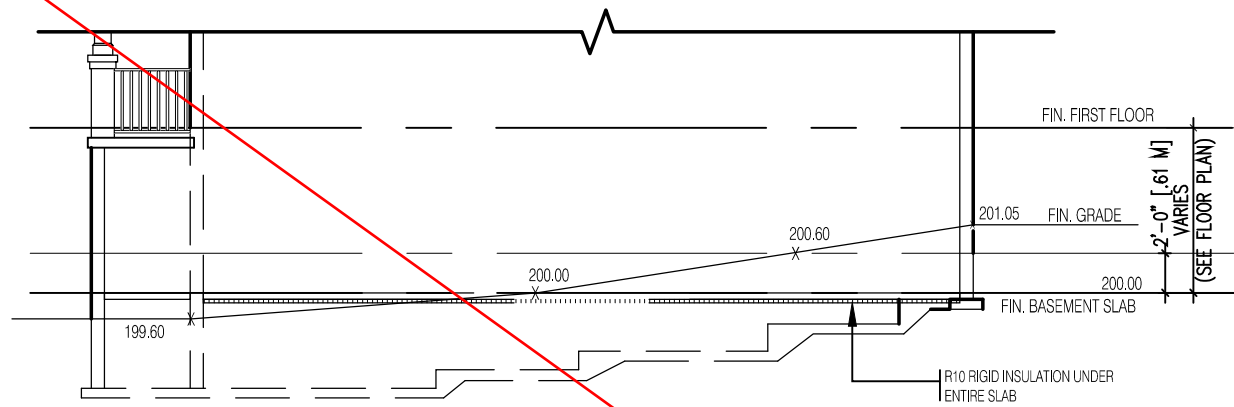
MODEL NAME
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SCALE: 1"=1'-0"

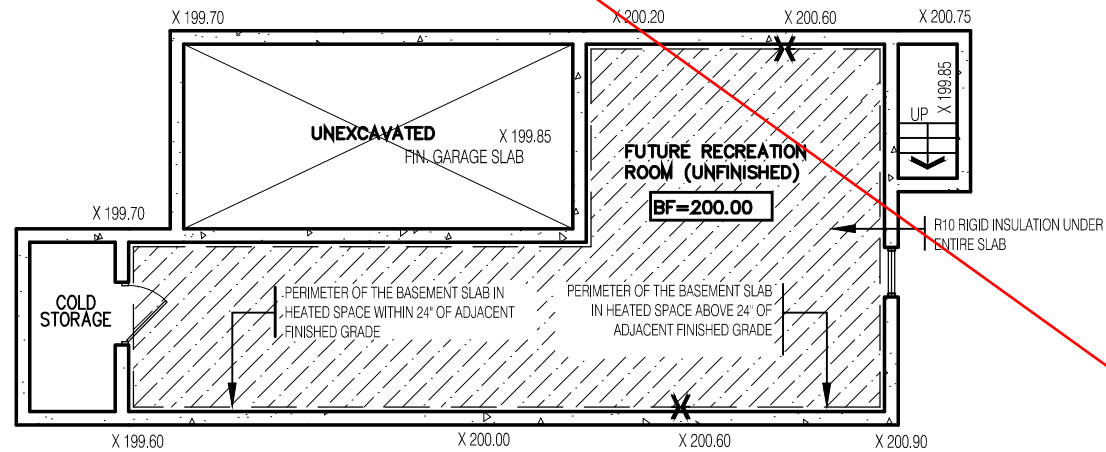
PROJ. No. 21-35

DWG. No. 11

BILD



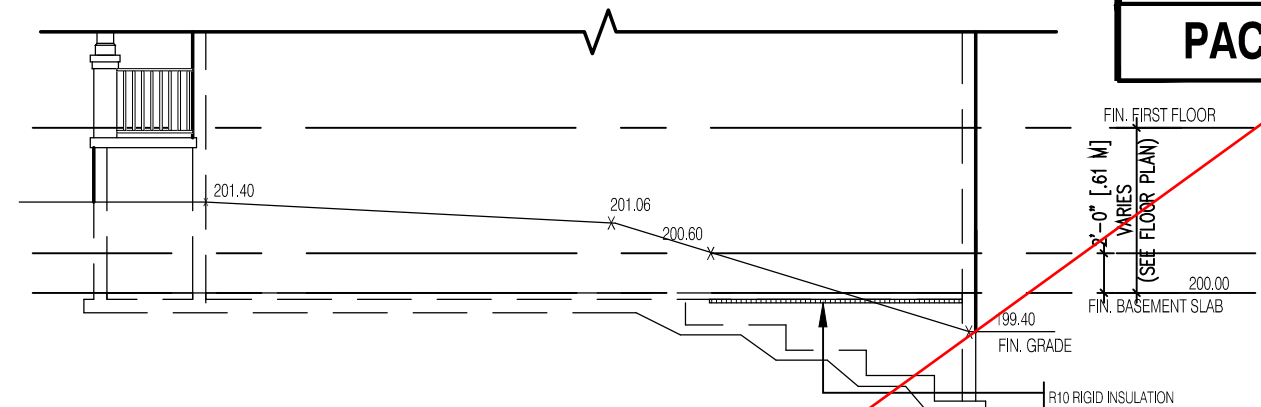
TYPICAL RIGHT SIDE ELEVATION



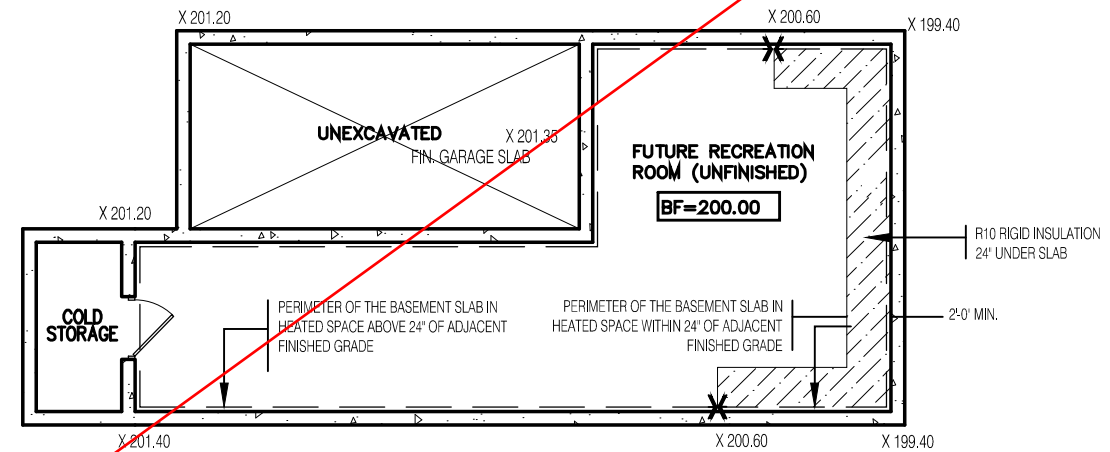
TYPICAL BASEMENT PLAN

SLAB ON GRADE CONDITION

NOTES:
1. LEVELS SHOWN ON THE PLANS ARE FOR ILLUSTRATION PURPOSE ONLY. SEE FINAL GRADING PLAN FOR ACTUAL LEVELS.
2. ALL LEVELS ARE SHOWN IN METRIC.



TYPICAL RIGHT SIDE ELEVATION

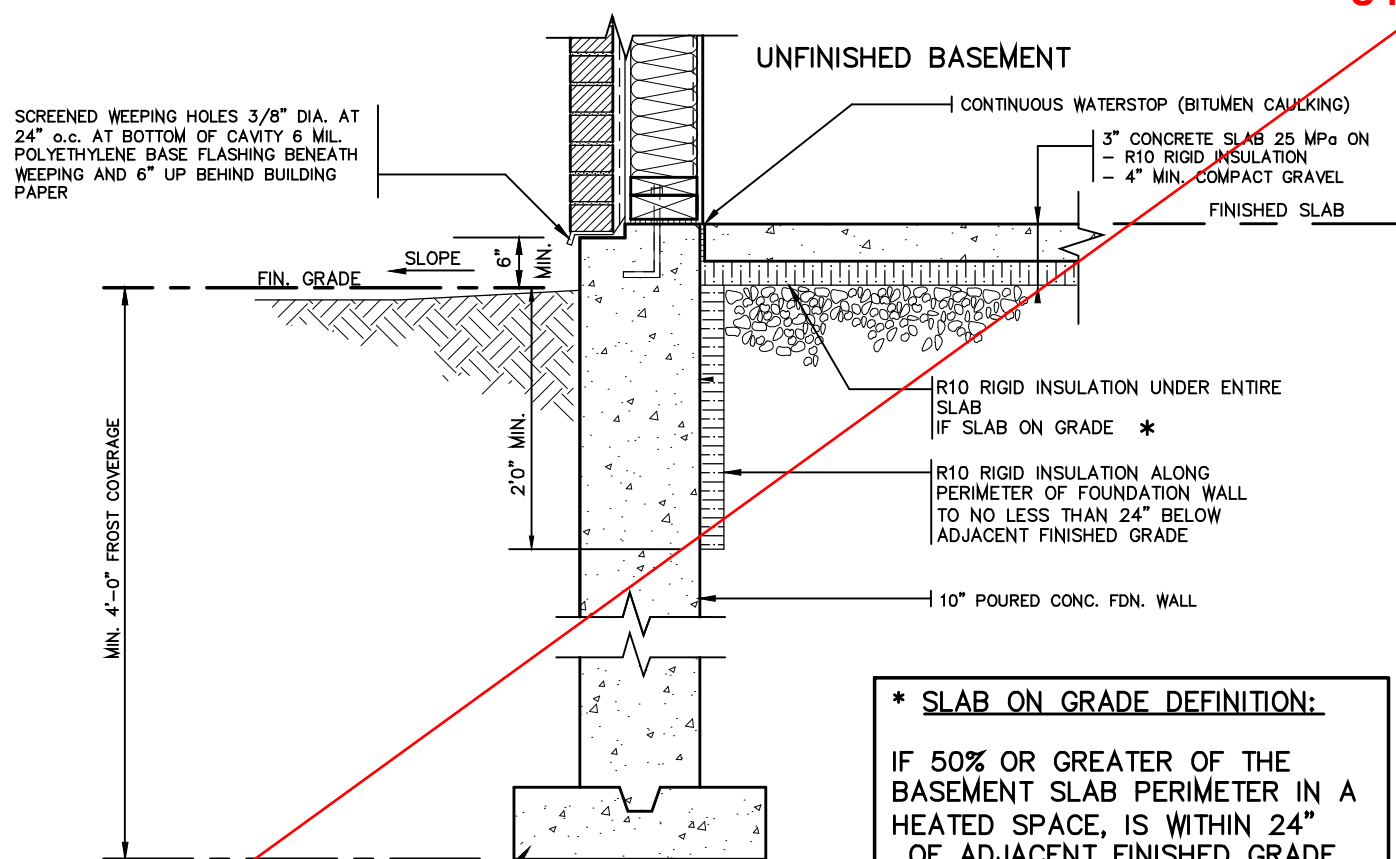


TYPICAL BASEMENT PLAN

WALK OUT BASEMENT CONDITION

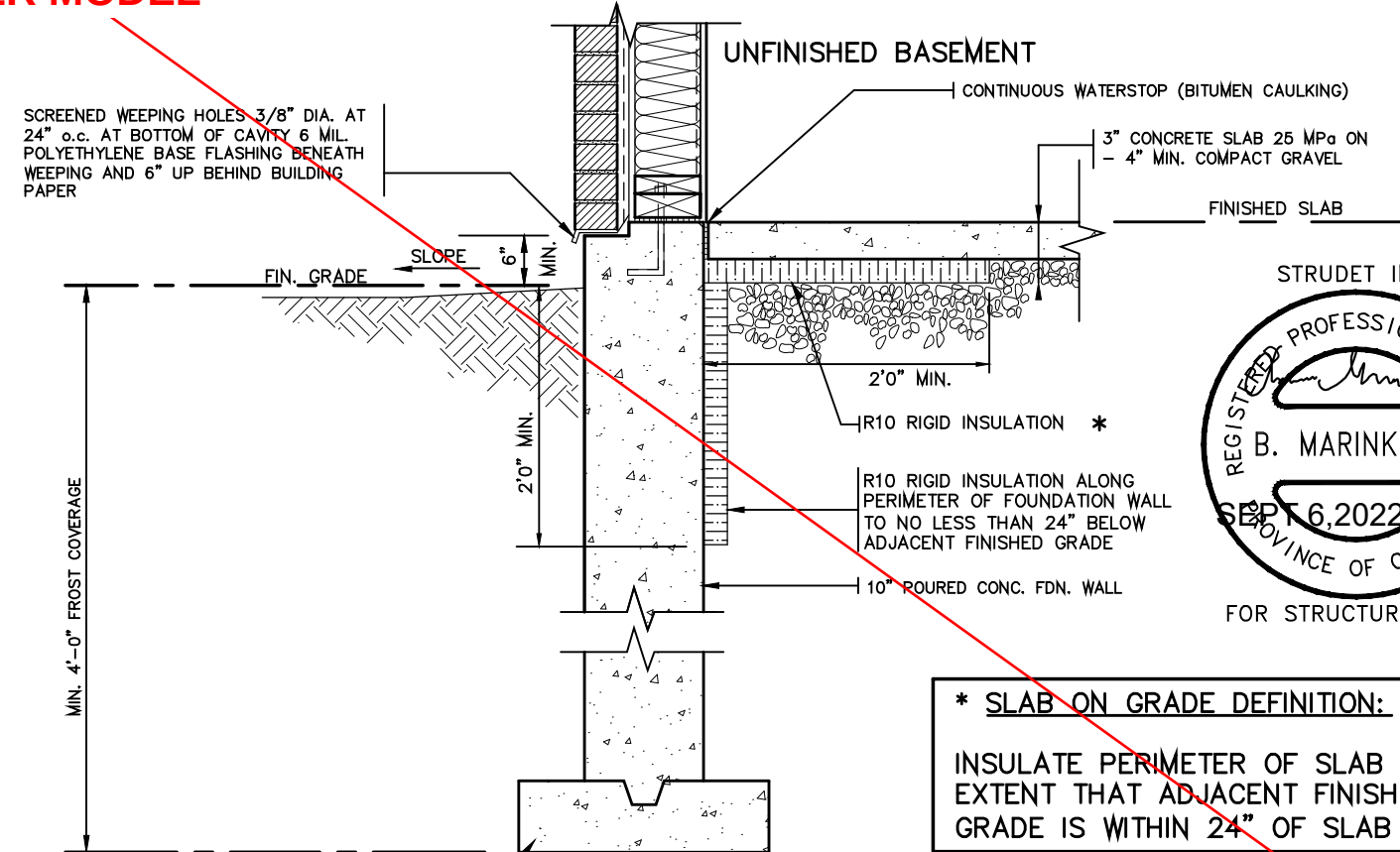
NOTES:
1. LEVELS SHOWN ON THE PLANS ARE FOR ILLUSTRATION PURPOSE ONLY. SEE FINAL GRADING PLAN FOR ACTUAL LEVELS.
2. ALL LEVELS ARE SHOWN IN METRIC.

NOT APPLICABLE TO
WILLOW 1 - ELEVATION
3 MASTER MODEL



SLAB ON GRADE

* **SLAB ON GRADE DEFINITION:**
IF 50% OR GREATER OF THE BASEMENT SLAB PERIMETER IN A HEATED SPACE, IS WITHIN 24" OF ADJACENT FINISHED GRADE



WALK OUT BASEMENT

* **SLAB ON GRADE DEFINITION:**
INSULATE PERIMETER OF SLAB TO EXTENT THAT ADJACENT FINISHED GRADE IS WITHIN 24" OF SLAB



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Walter Botter 21031
NAME SIGNATURE BCIN

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

jardin design group inc. 27763
FIRM NAME BCIN

jardin
DESIGN GROUP INC
64 JARDIN DR. SUITE 3A
VAUGHAN ONT. L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

SLAB ON GRADE
WALKOUT BASEMENT

BARLASSINA CONSTRUCTION
CITY OF CAMBRIDGE

MODEL NAME
T

SCALE: N.T.S.

PROJ. No. 21-35
DWG. No. 12

GENERAL NOTES

- EXTERIOR STAIRS
7 7/8" RISE MAXIMUM
10" RUN MINIMUM
1'-2" RUN MAXIMUM
REV.
- MASONRY TIES
WHEN BRICK FACING IS USED ABOVE GROUND LEVEL, PROVIDE 3/16" DIA. CORROSION RESISTANT METAL TIES @ 36" HORIZONTAL & 8" VERTICAL
- GUARDS
ARE REQUIRED AROUND CONCRETE SLAB IF MORE THAN 2'-0" ABOVE GRADE & ON BOTH SIDES OF STAIRS CONTAINING MORE THAN 6 RISERS. MINIMUM 31" HIGH FOR STAIRS MINIMUM 35" HIGH FOR PORCHES UP TO 5'-11" ABOVE GRADE. MINIMUM 42" HIGH FOR GREATER HTS.
- HANDRAIL
ARE REQUIRED WHERE STEPS HAVE MORE THAN 3 RISERS. HANDRAIL HEIGHT 31" - 38".
- FOUNDATION WALLS
THICKNESS OF FOUNDATION WALLS IS DEPENDANT UPON VENEER CUT 8" FOR UP TO 26" VENEER CUT HEIGHT 10" FOR VENEER CUT OVER 26" HIGH
- CONCRETE
MINIMUM CONCRETE STRENGTH SHALL BE 4650 PSI [32MPa] W/ 5%-8% AIR ENTRAINMENT MINIMUM CONCRETE SLAB THICKNESS 5"
- CONCRETE COVER
PROVIDE MINIMUM 3/4" CLEAR CONCRETE COVER TO REINFORCING BARS

FOUNDATION
PLAN

FOR POURED CONCRETE
SLAB STRUCTURE REFER
TO ARCHITECTURAL
DRAWINGS

GROUND FLOOR
PLAN

NOT APPLICABLE TO
WILLOW 1 - ELEVATION
3 MASTER MODEL

SECTION
A

SECTION
B

NOTE: FOR MORE
THAN 8 RISERS



2012 CODE

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2	MAR. 14, 2022	O.B.C UPDATE FOR STAIRS (JAN. 1/2022)
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POURED CONCRETE STAIRS	
BARLASSINA CONSTRUCTION CITY OF CAMBRIDGE	
MODEL NAME T	---
SCALE: 3/8" = 1'-0"	
PROJ. No. 21-35	DWG. No. 13