

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 2.0E (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 OMA 	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

STRUDET INC.



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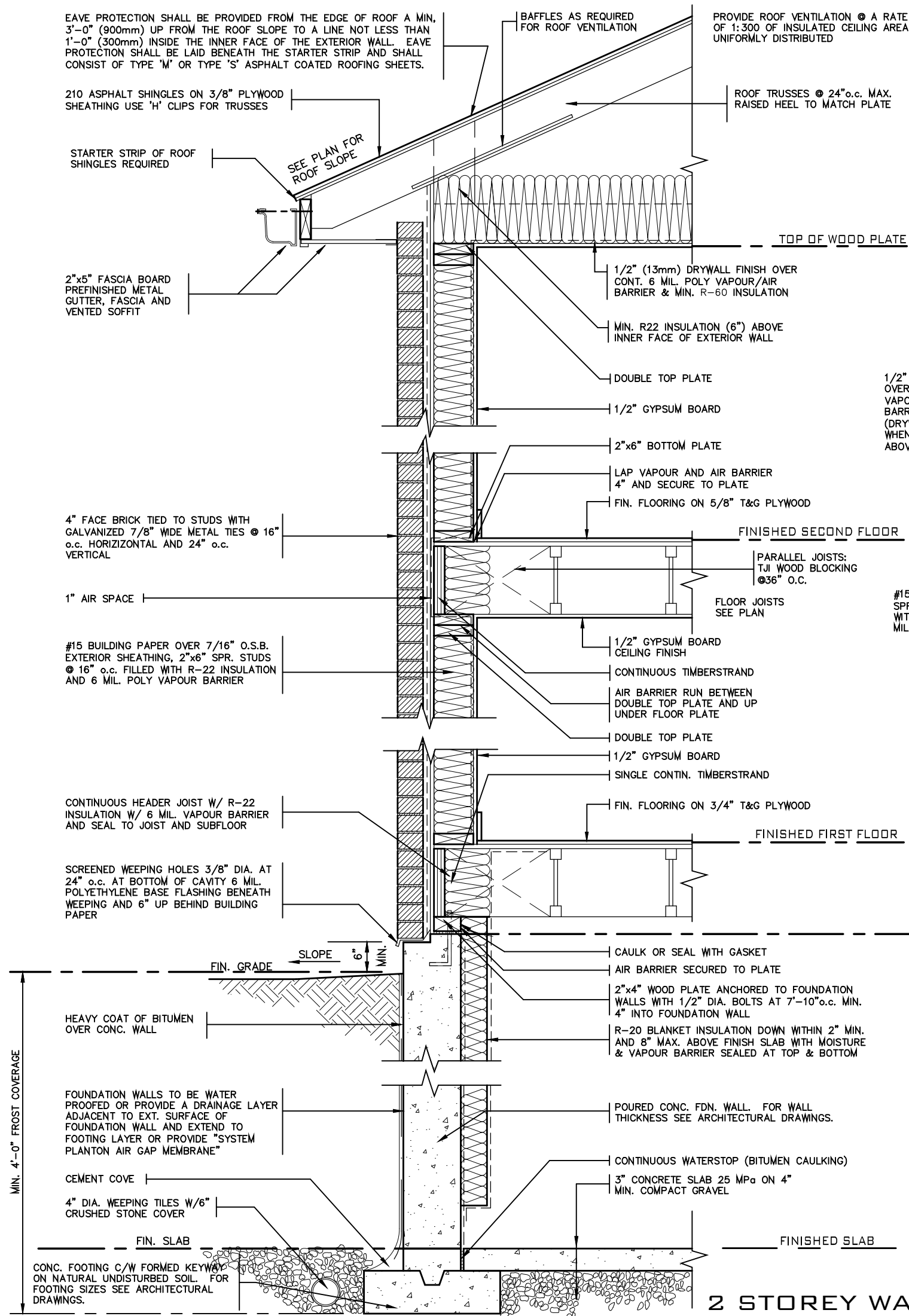
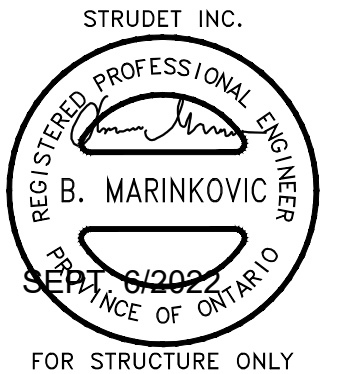
2012 CODE

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

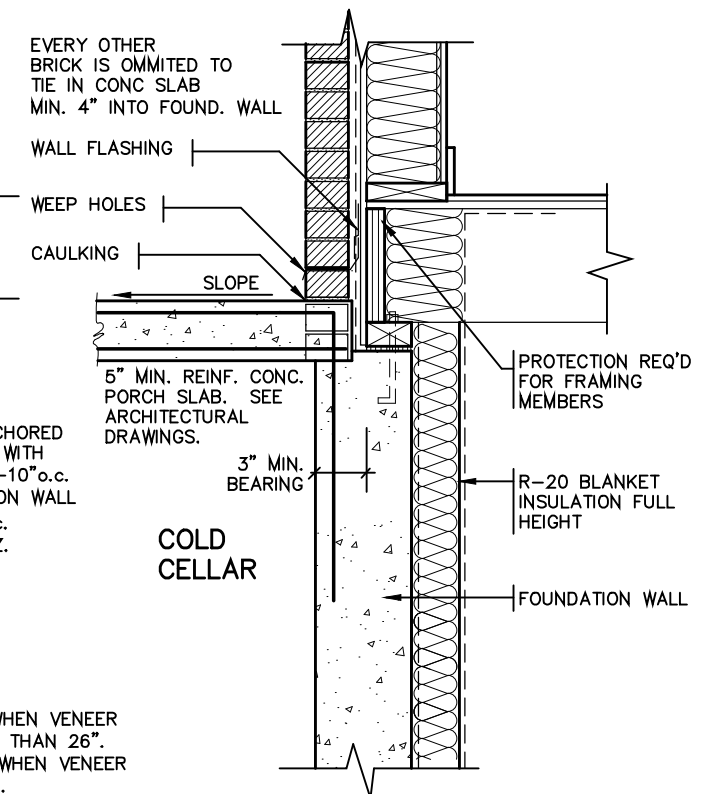
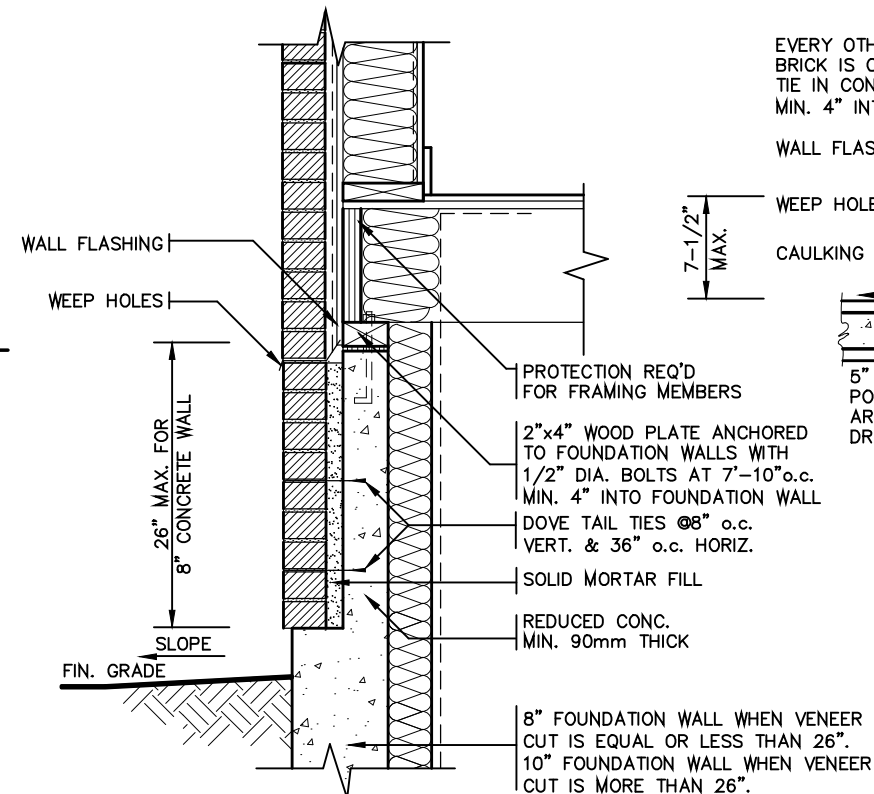
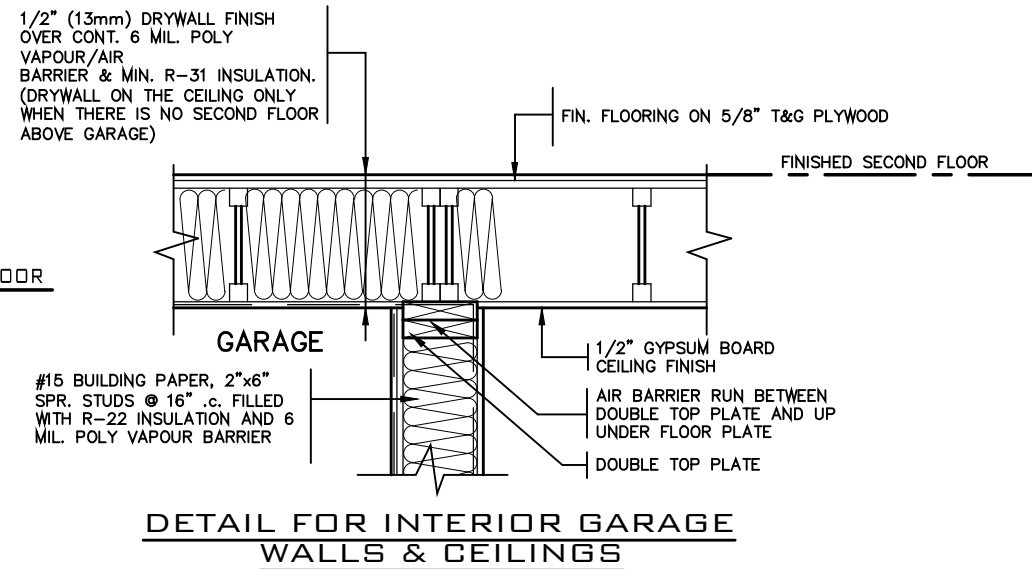
The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer	
QUALIFICATION INFORMATION Required unless design is exempt under Division C, Subsection 3.2.5 of the building code	
Walter 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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VAUGHAN ONT, L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

GENERAL NOTES	
BARLASSINA CONSTRUCTION CITY OF CAMBRIDGE	
	MODEL NAME T ----
	SCALE: N.T.S.
PROJ. No. 21-35	DWG. No. 1A



2 STOREY WALL SECTION



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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

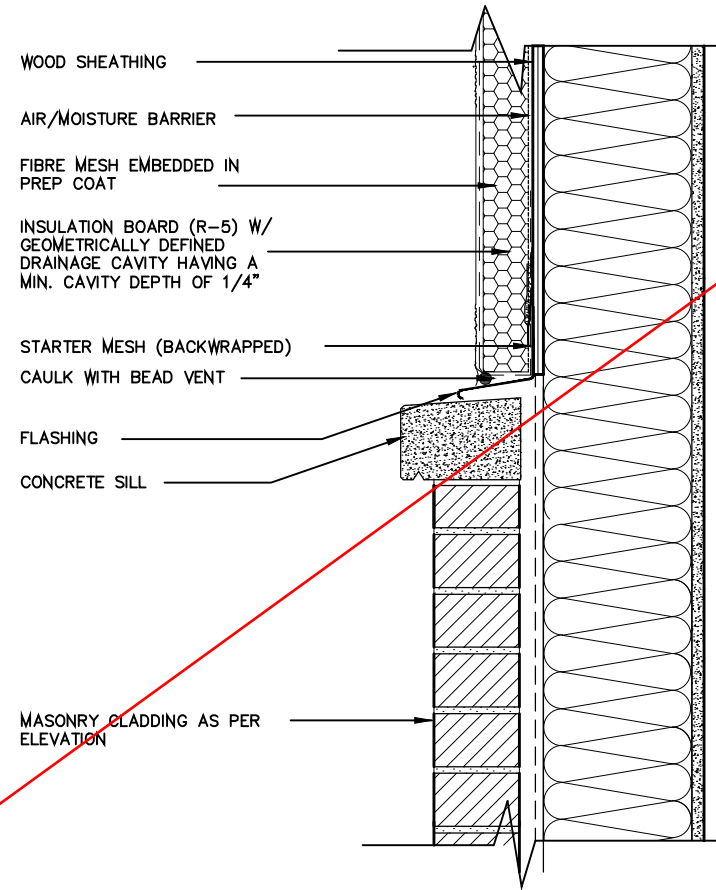
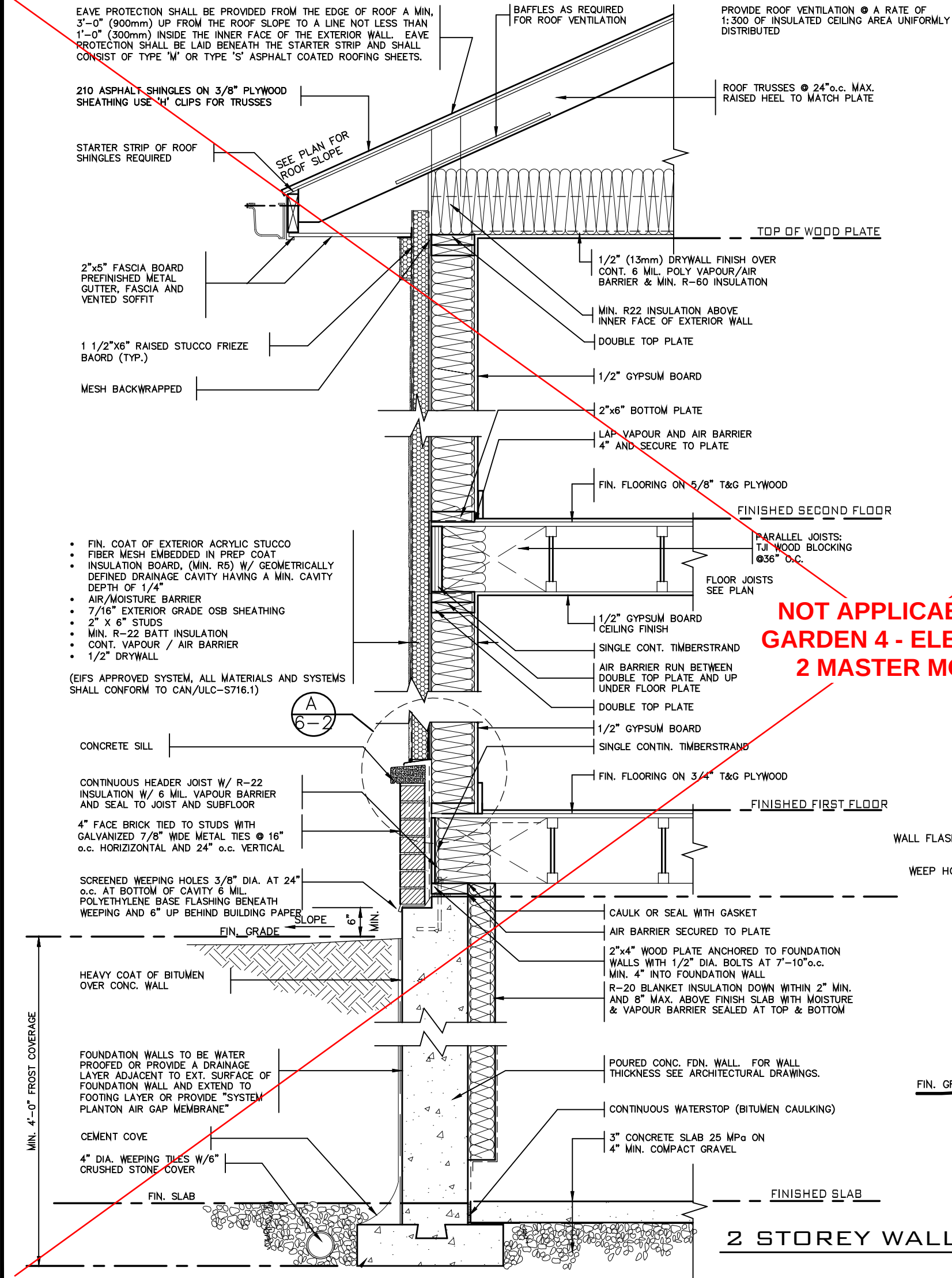


NOT APPLICABLE TO
GARDEN 4 - ELEVATION
2 MASTER MODEL

2 STOREY WALL SECTION

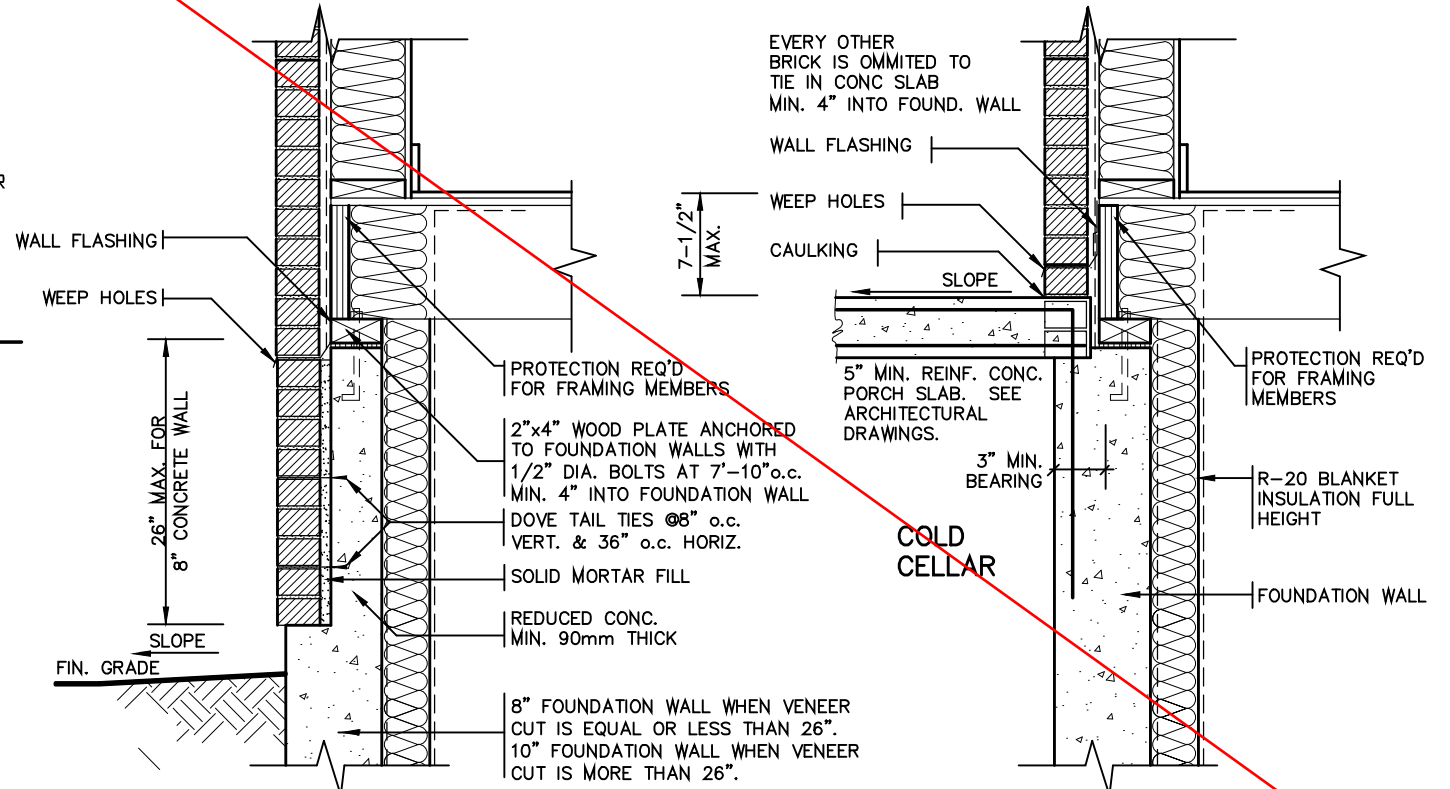
DETAIL FOR CONCRETE
VENEER DROPPED GRADE

DETAIL FOR COLD CELLAR PORCH SLAB



A. TERMINATION AT MASONRY
CLADDING WITH SEALANT

1 1/2" = 1' 0"



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Walter Botter 21031
NAME SIGNATURE BCIN

REGISTRATION INFORMATION
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jardin design group inc. 27763
FIRM NAME BCIN

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2 STOREY WALL SECTION
2 1/2" x 6" STUCCO WALL

BARLASSINA CONSTRUCTION
CITY OF CAMBRIDGE

MODEL NAME
T

SCALE: AS NOTED

PROJ. No. 21-35

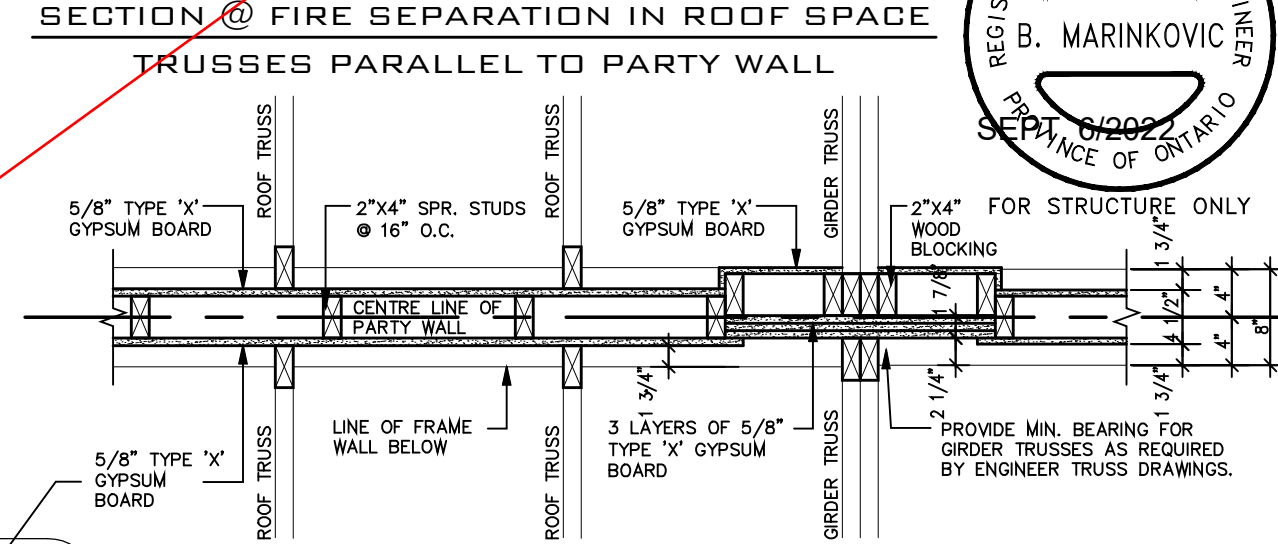
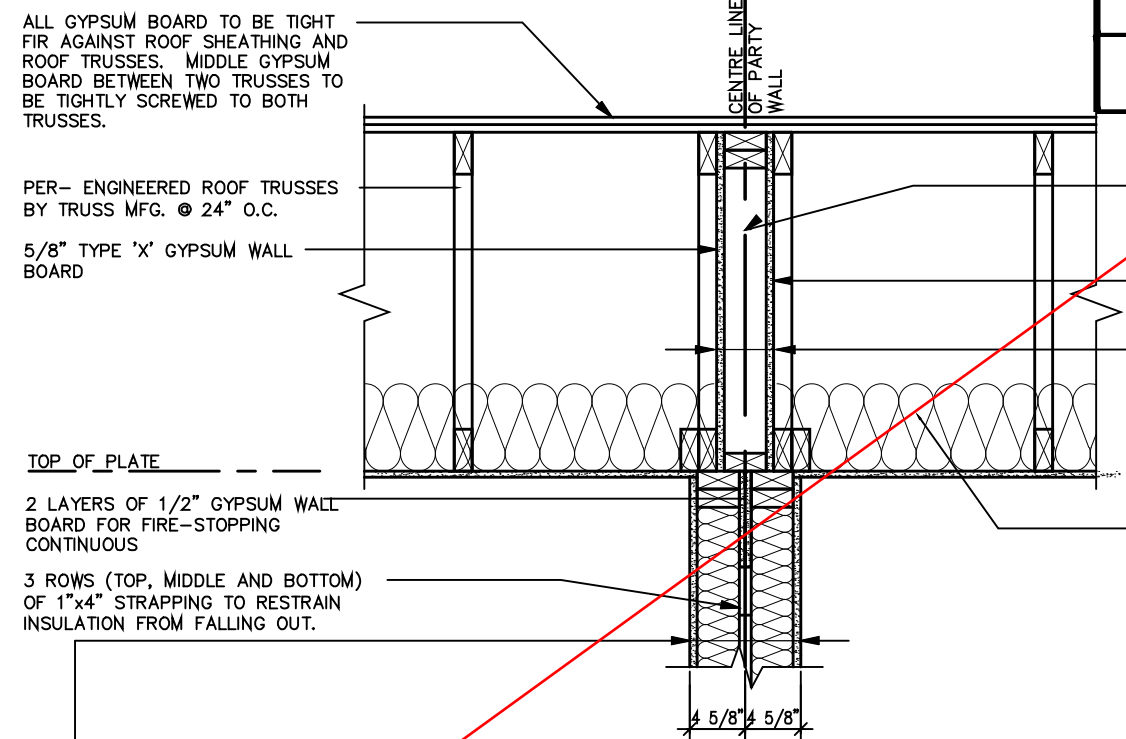
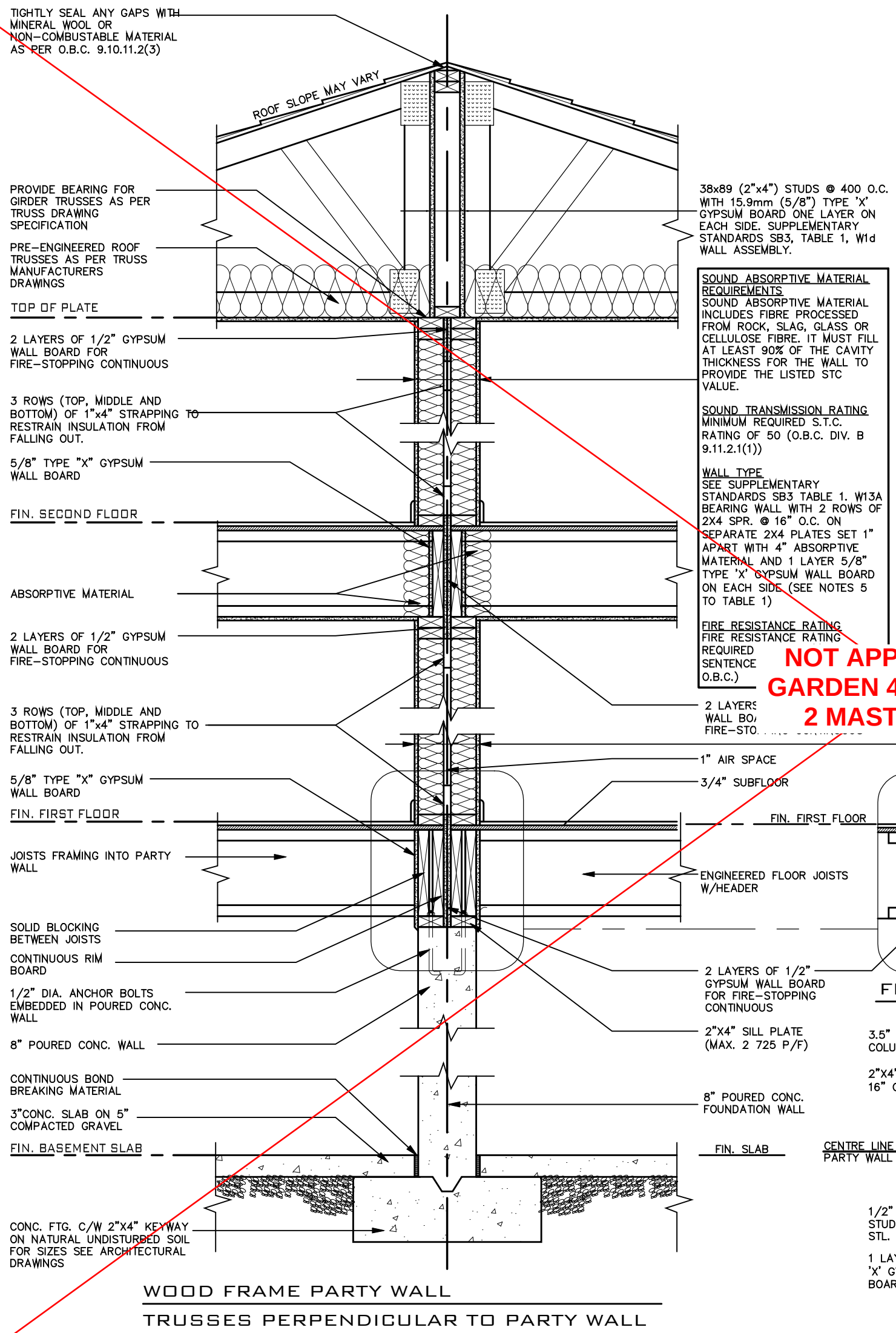
DWG. No. 3

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, W1d WALL ASSEMBLY)

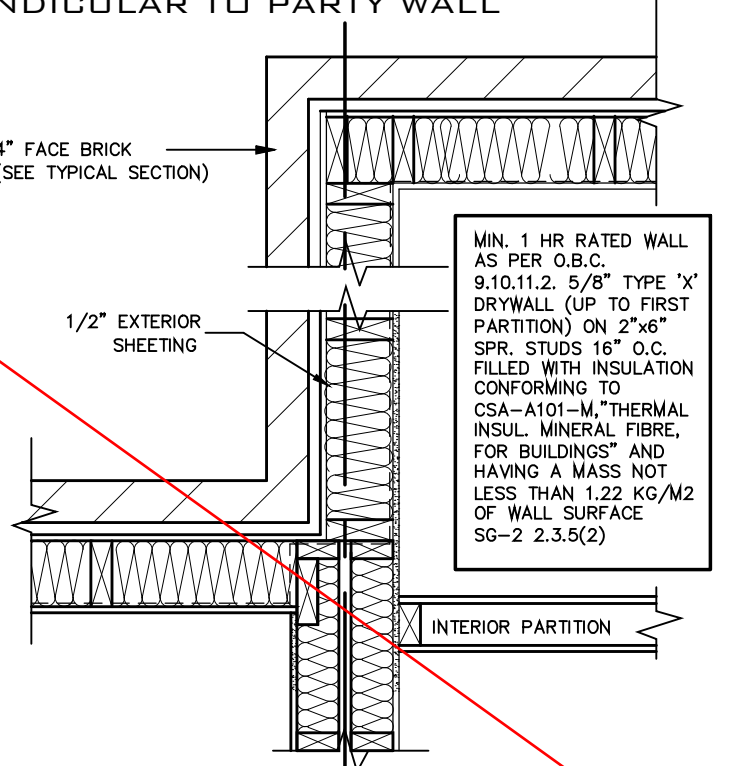
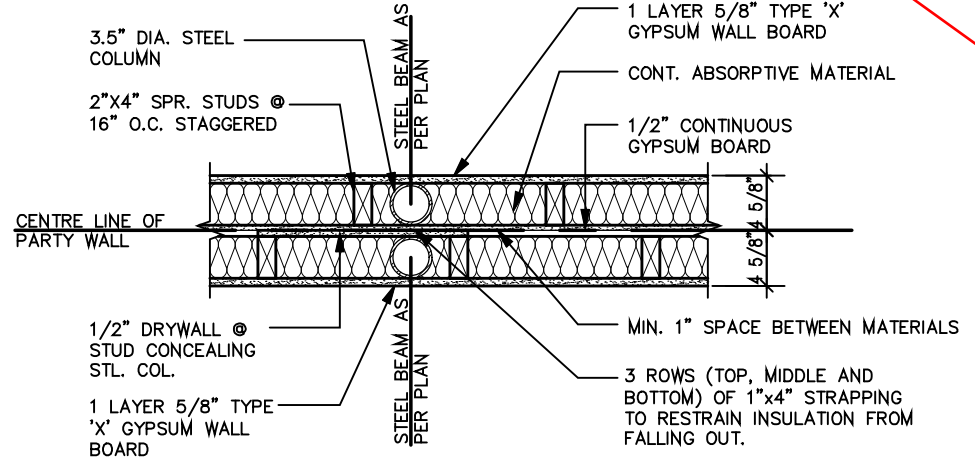
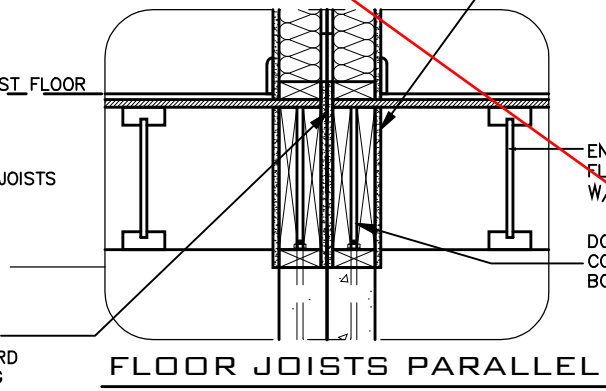
5/8" TYPE 'X' GYPSUM WALL BOARD

FIRE RESISTANCE RATING PROVIDED FOR FRAMED ASSEMBLY IS 1.5 HR. AS PER SUPPLEMENTARY STANDARD SB-2 2.3.4. 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.



NOT APPLICABLE TO
GARDEN 4 - ELEVATION
2 MASTER MODEL



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 SG-2 2.3.5(2)

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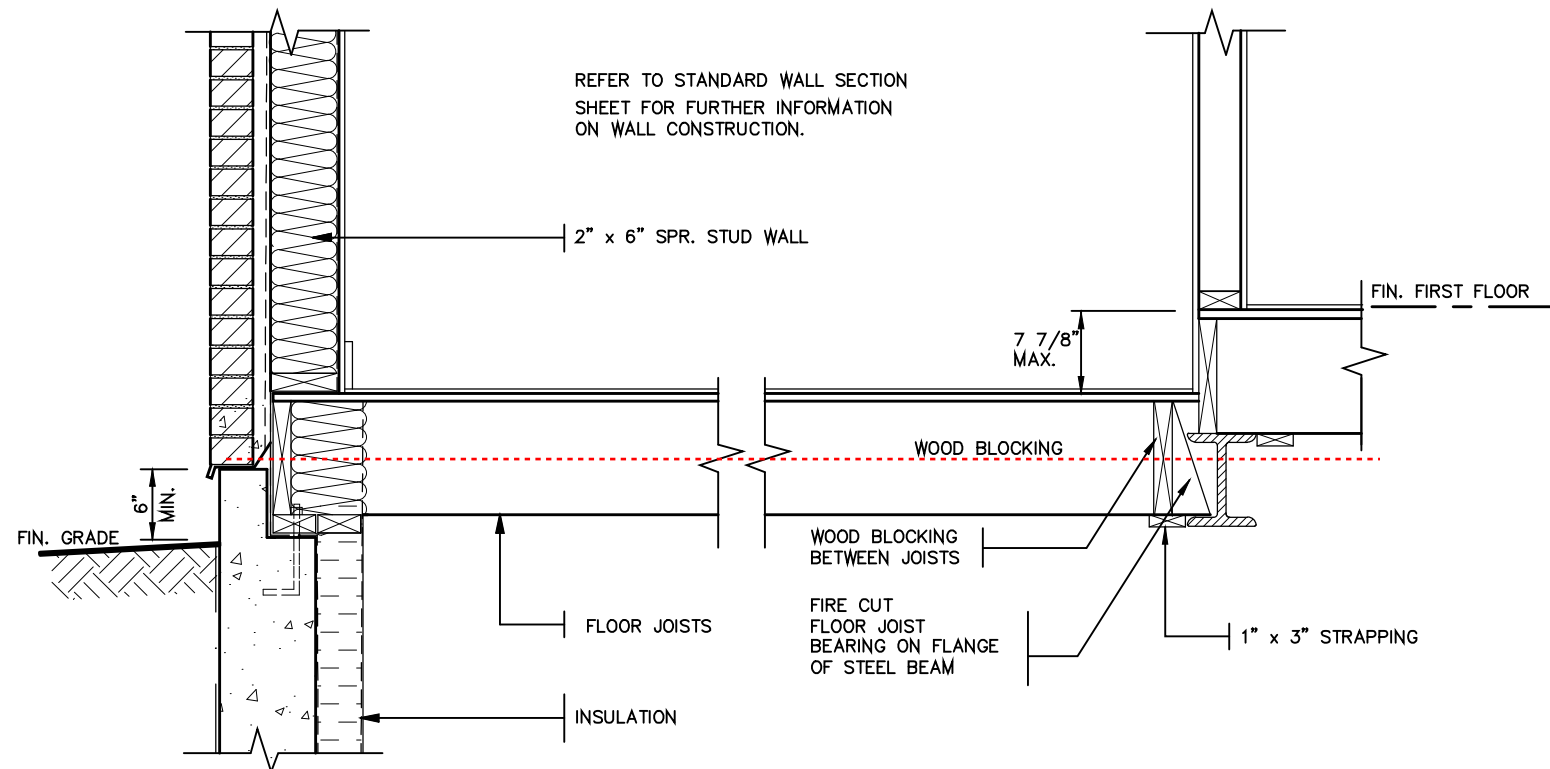
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WOOD PARTY WALL
BARLASSINA CONSTRUCTION
CITY OF CAMBRIDGE

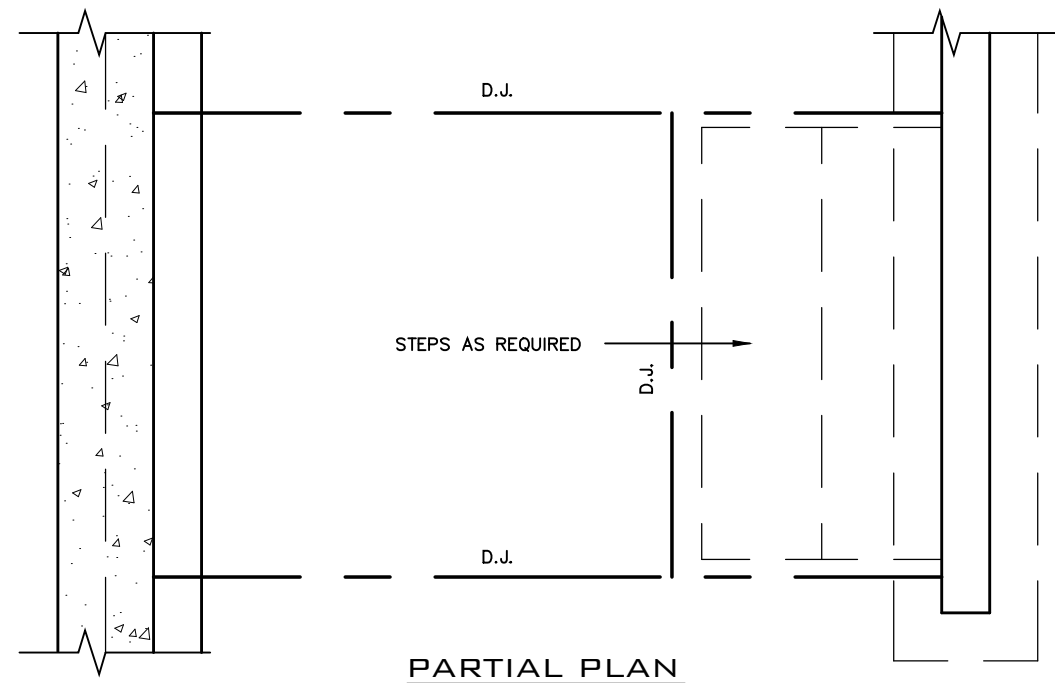
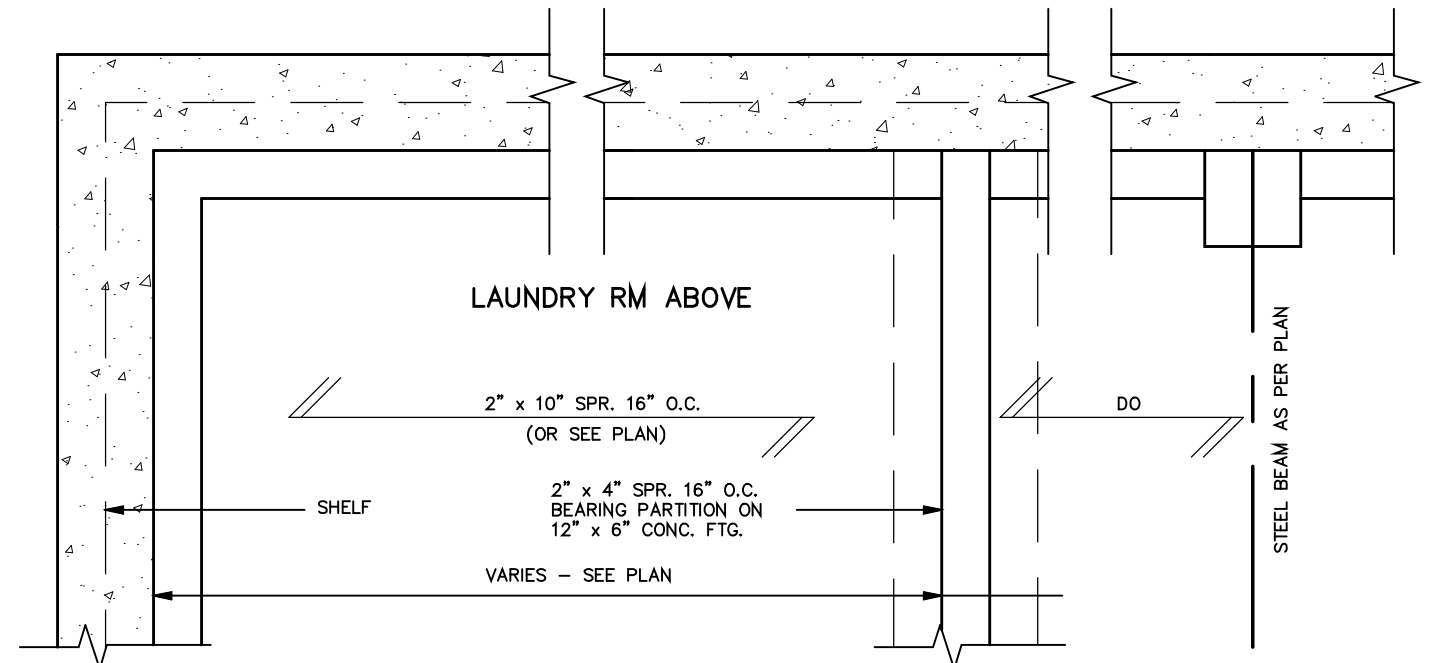
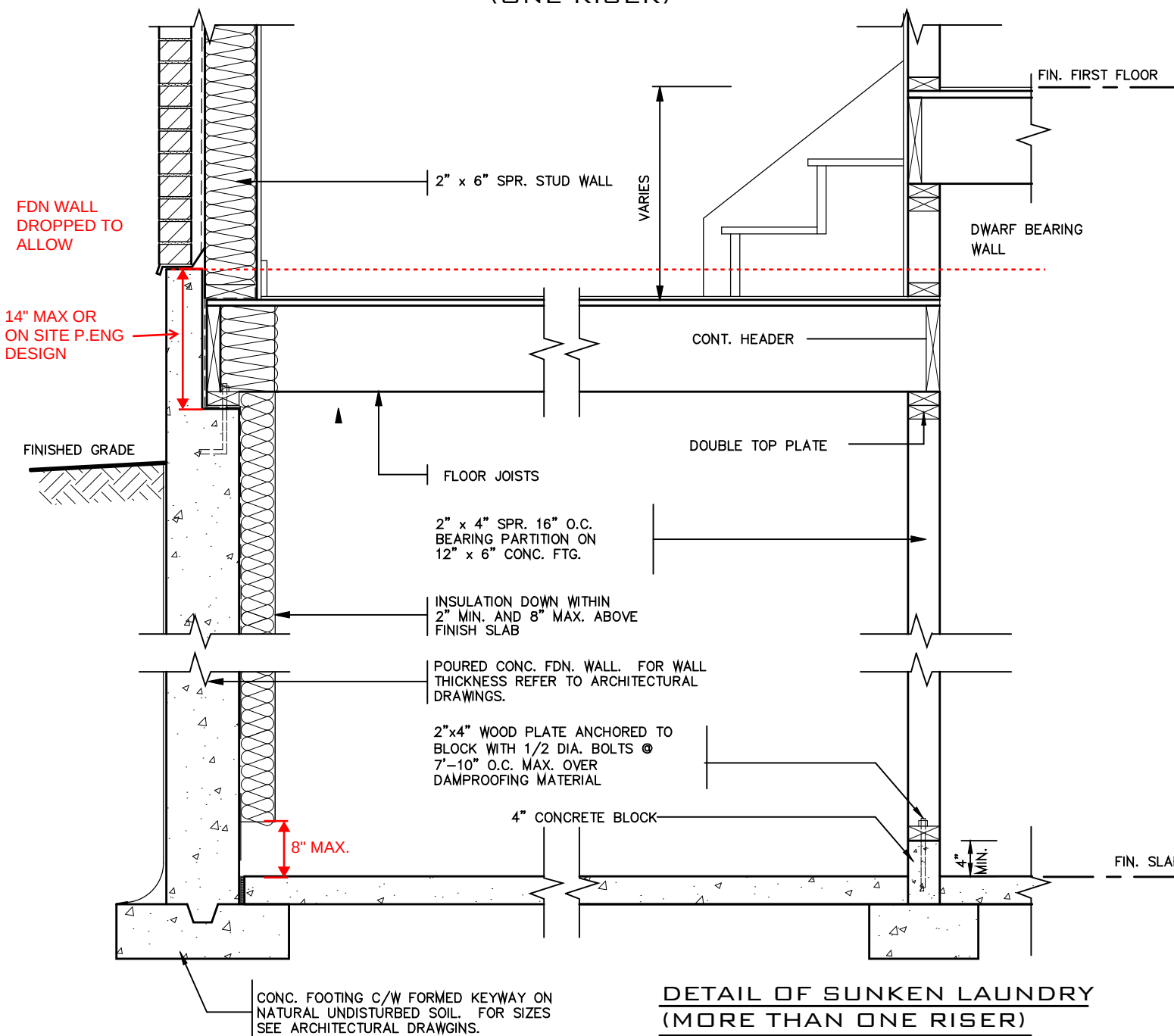
MODEL NAME
T

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

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



DETAIL OF SUNKEN LAUNDRY
(ONE RISER)



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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:

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 *Walter Botter* 21031
NAME SIGNATURE BCIN

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

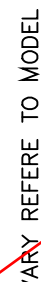
jardin design group inc. 27763
FIRM NAME BCIN

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



7



- 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 MANTLE ILLUSTRATED IS THE S-2 GB AS SUPPLIED BY GREATER TORONTO FIREPLACE.

[illegible]

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 *WSE* 2103
NAME SIGNATURE BCID

jardin design group inc.	27763
FIRM NAME	BCIN

DESIGN GROUP INC
64 JARDIN DR, SUITE 3A

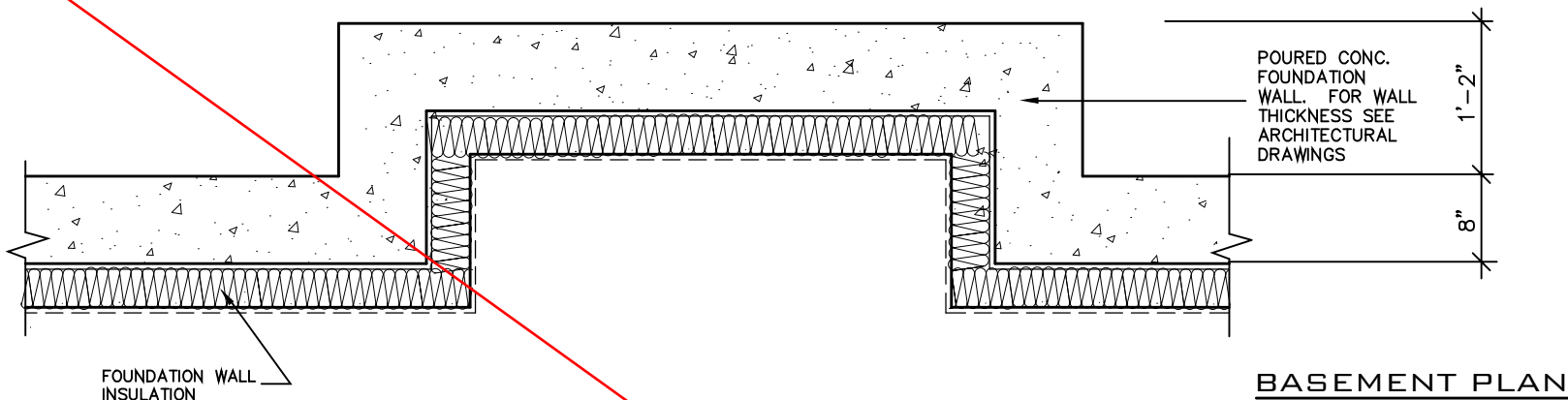
EMAIL: info@jardindesign.ca

	MODEL NAME T
---	-----------------

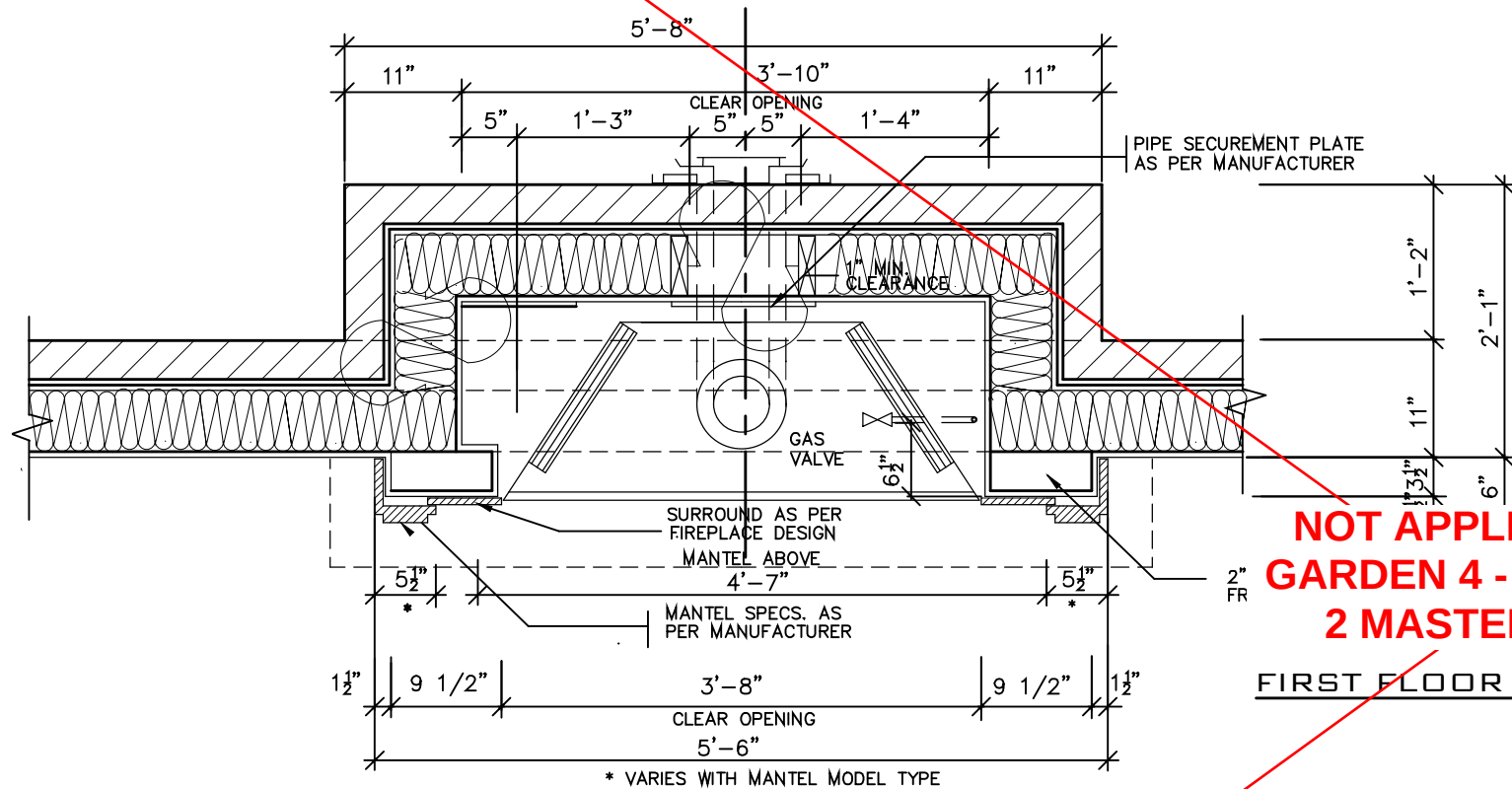
BILD°	PROJ. No. 21-35	DWG. No. 6
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FOR STRUCTURE ONLY

2012 CODE

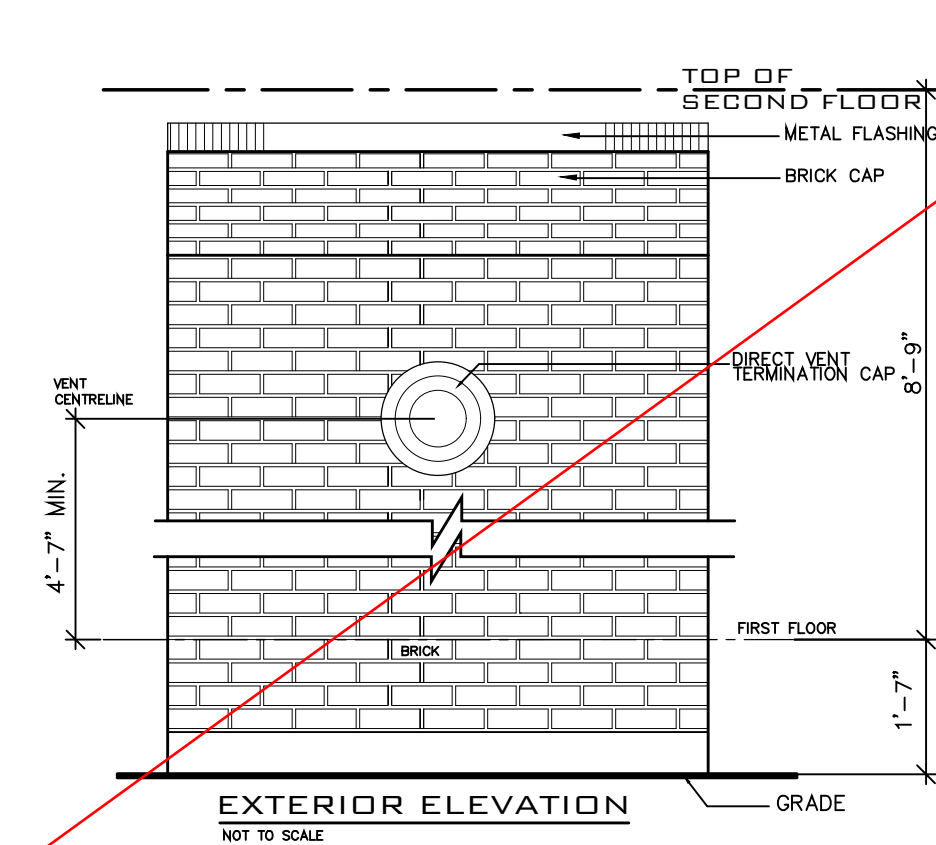


BASEMENT PLAN

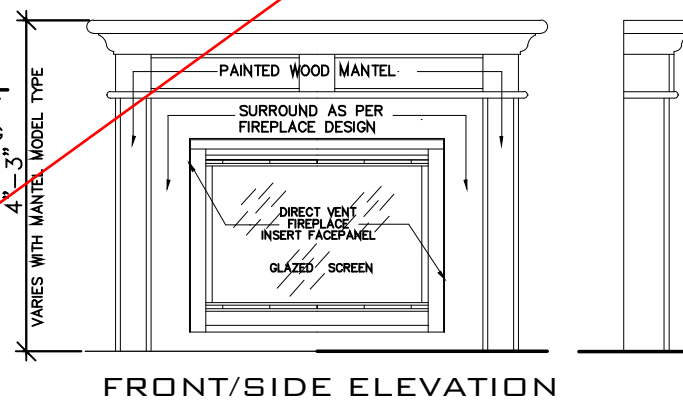


FIRST FLOOR PLAN

NOT APPLICABLE TO
GARDEN 4 - ELEVATION
2 MASTER MODEL



EXTERIOR ELEVATION
NOT TO SCALE

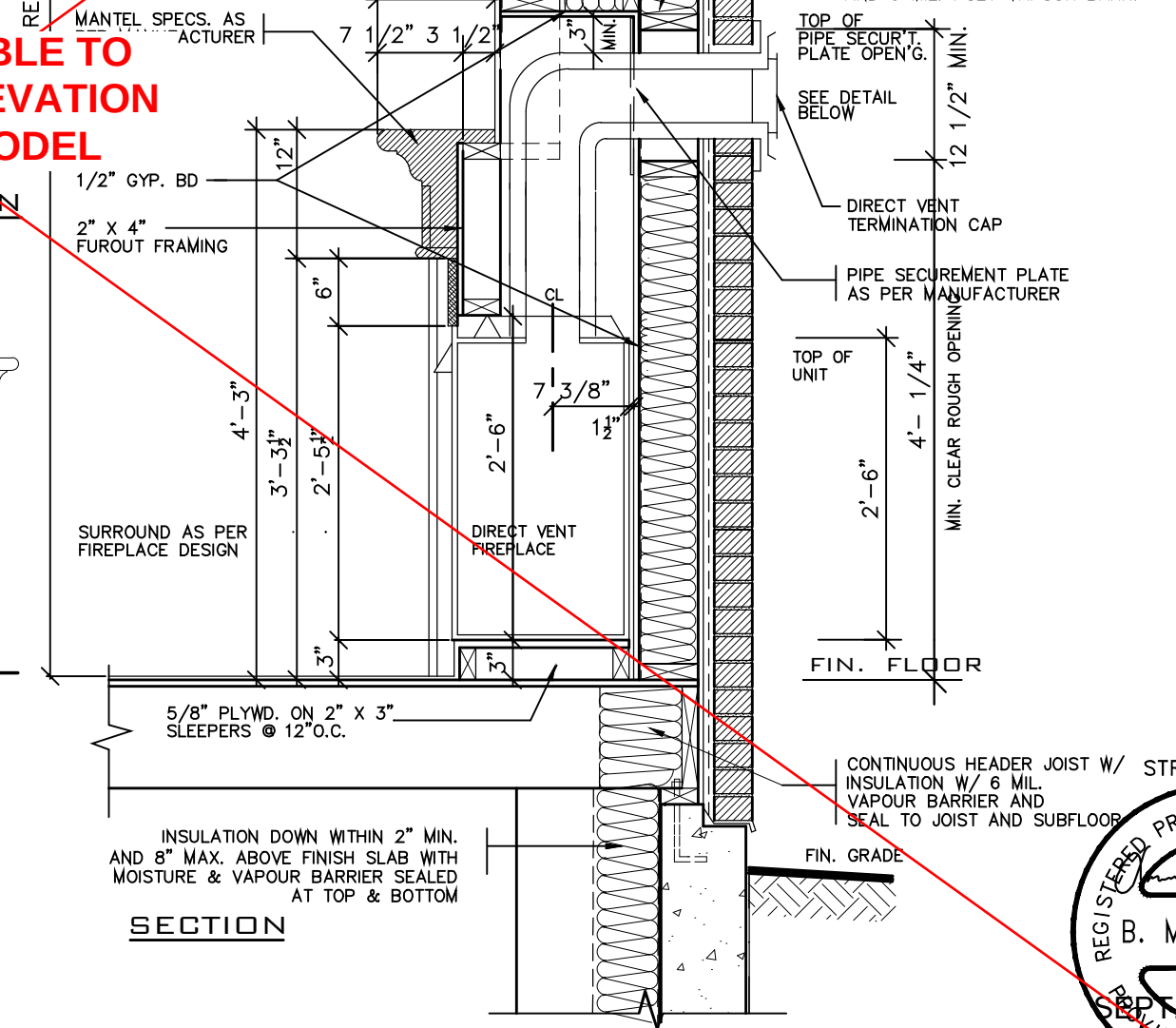


FRONT/SIDE ELEVATION
NOT TO SCALE

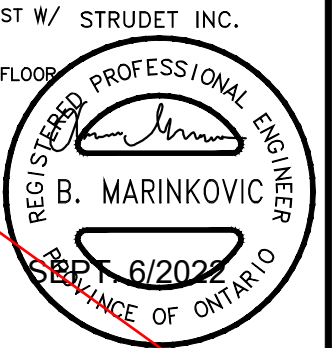
GENERAL INSTALLATION NOTES

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- 4.0 THE MANTEL ILLUSTRATED IS THE S-2 GB AS SUPPLIED BY GREATER TORONTO FIREPLACE.

REFER TO MODEL



SECTION



FOR STRUCTURE ONLY

2012 CODE

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Walter Botter 21031
NAME SIGNATURE BCIN

REGISTRATION INFORMATION
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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

DIRECT VENT FIREPLACE
WITH BRICK CAP

BARLASSINA CONSTRUCTION
CITY OF CAMBRIDGE

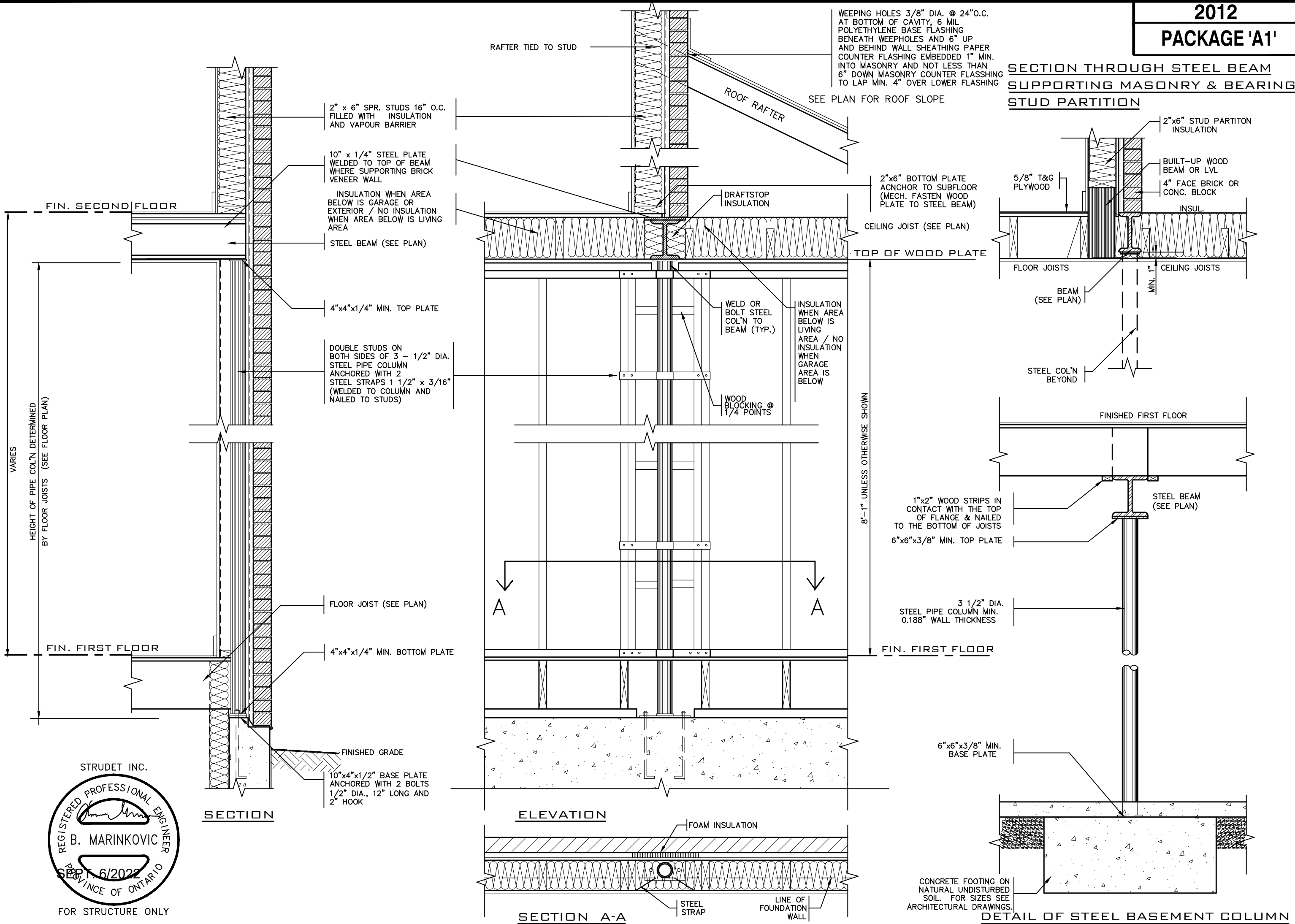
MODEL NAME
T

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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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

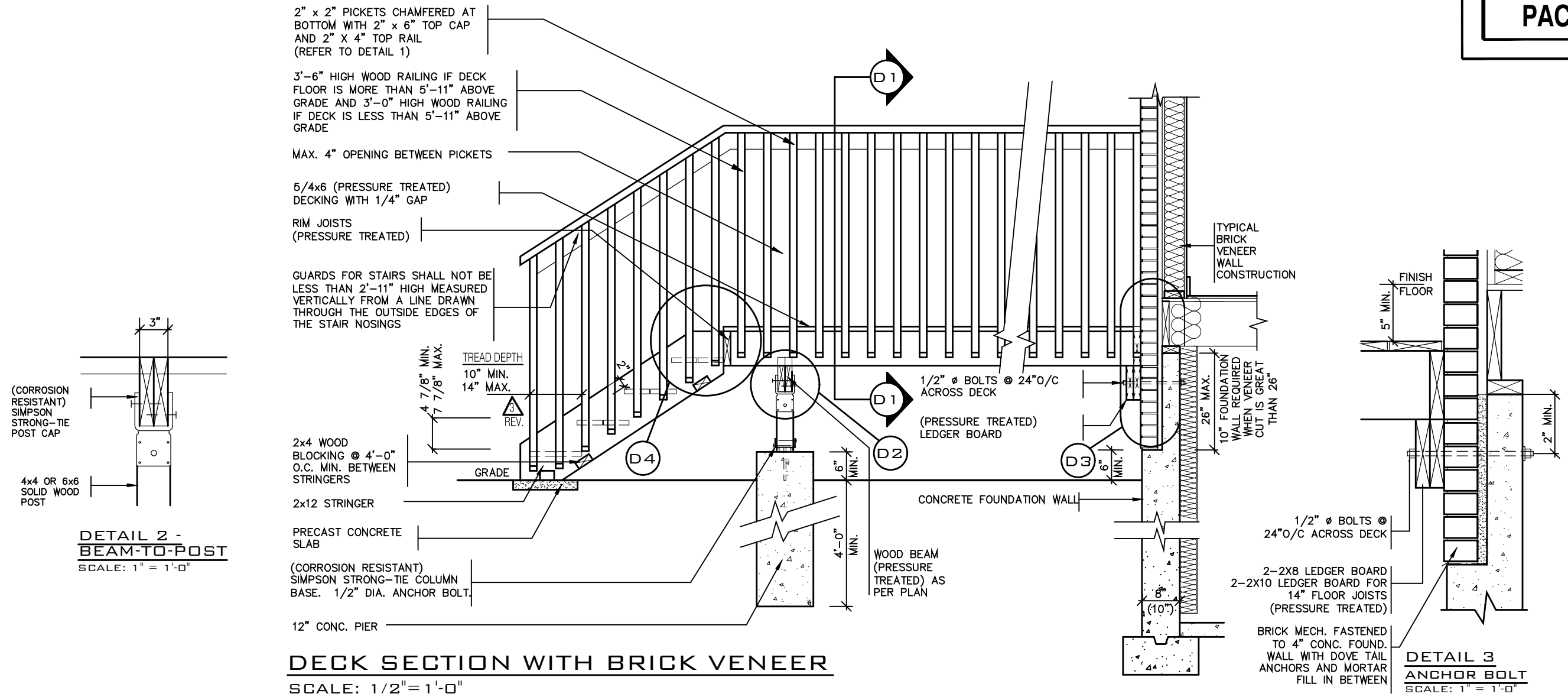
MODEL NAME
T

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

PROJ. No.
21-35

DWG. No.
7

BILD®

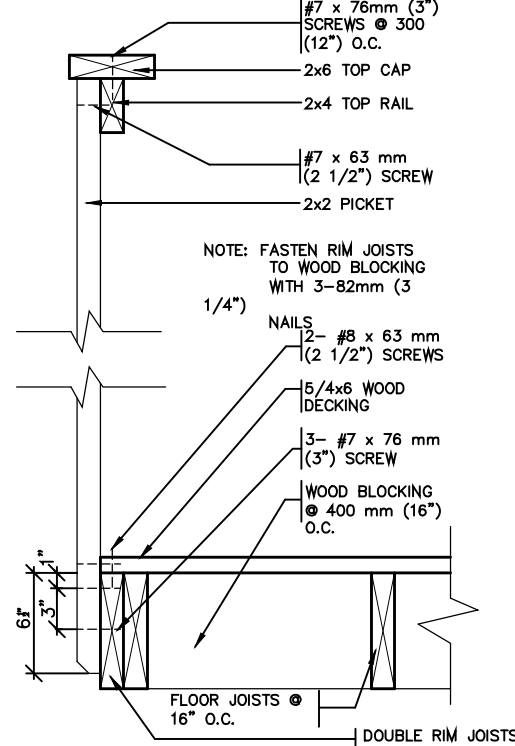


DETAIL 1

CANTILEVERED PICKET SCREWED TO RIM JOIST AND DECK

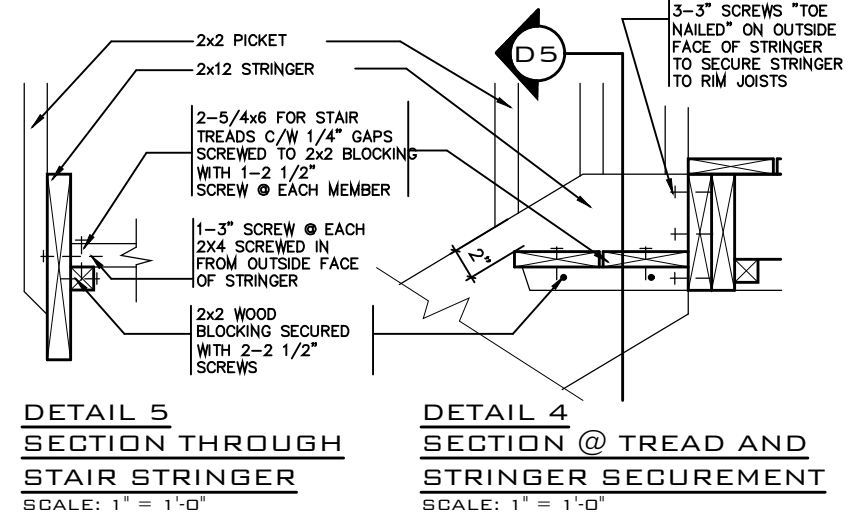
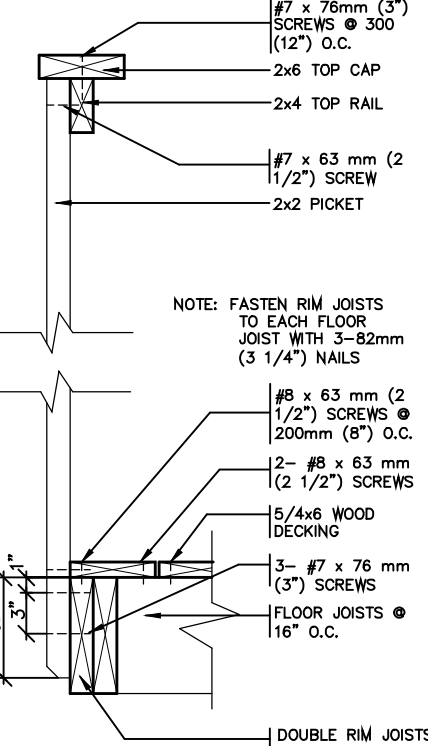
GUARD PARALLEL TO FLOOR JOISTS

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:

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Walter Botter 21031
NAME SIGNATURE BCIN

REGISTRATION INFORMATION
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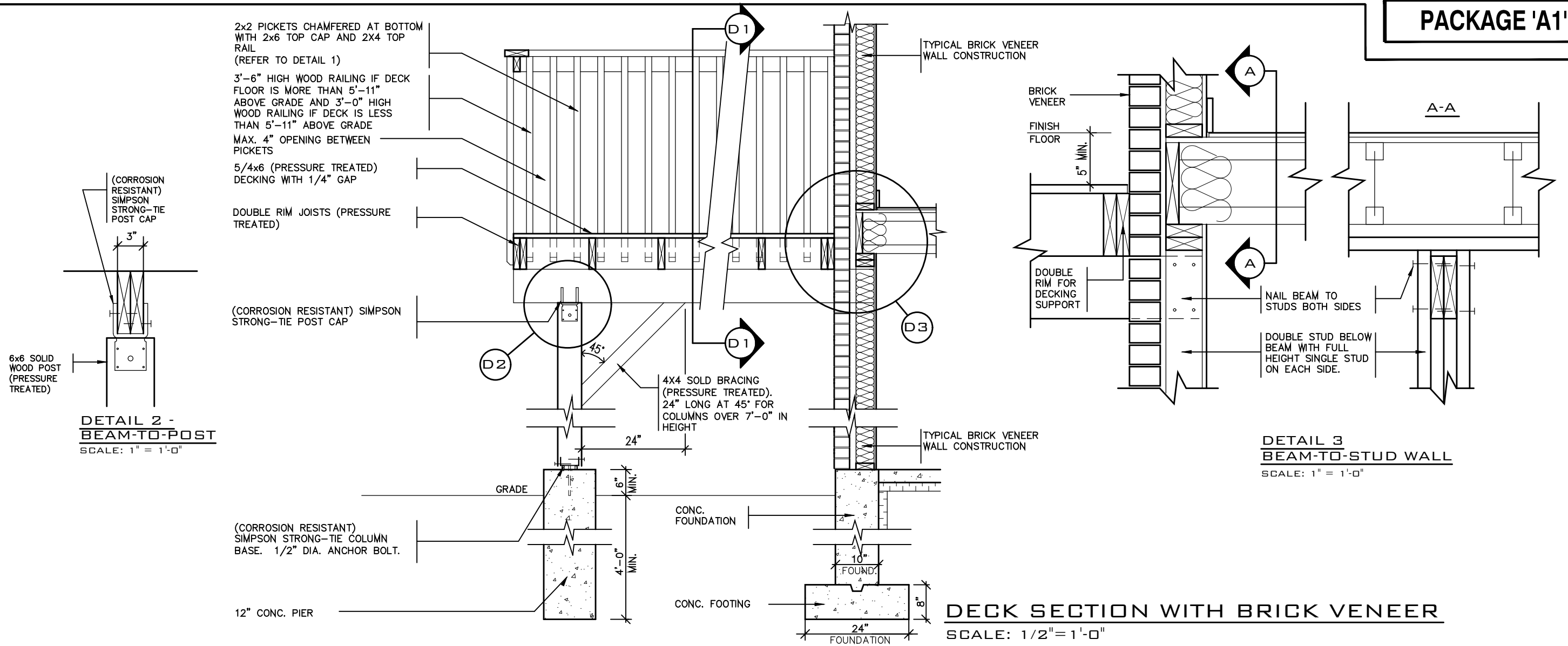
jardin design group inc. 27763
FIRM NAME BCIN

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

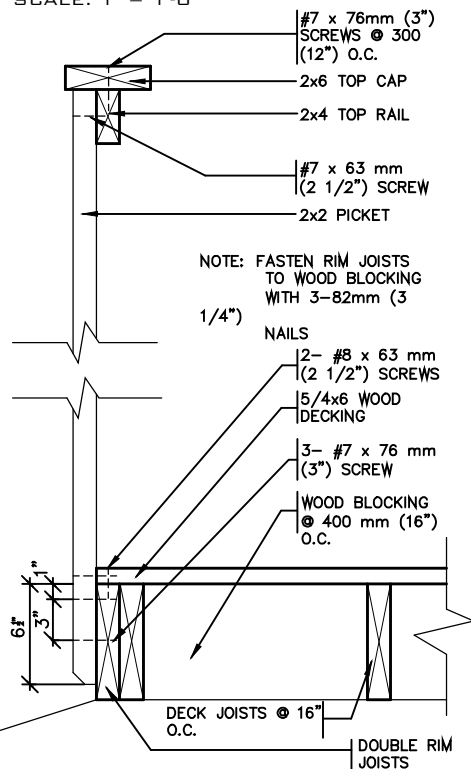


DETAIL 1

CANTILEVERED PICKET SCREWED TO RIM JOIST AND DECK

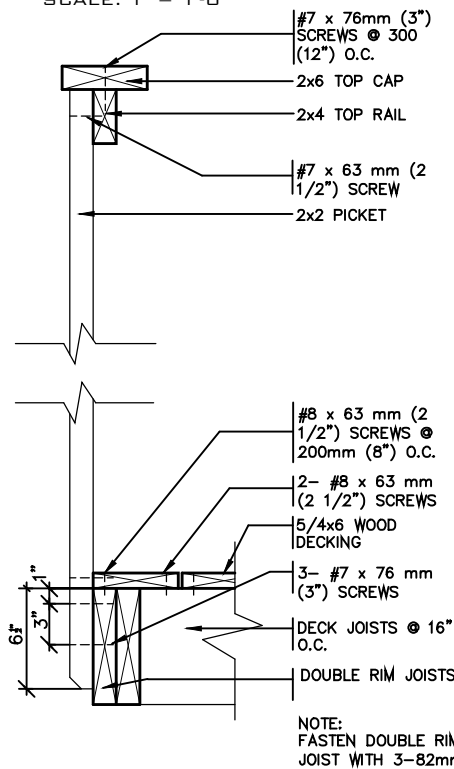
GUARD PARALLEL TO FLOOR JOISTS

SCALE: 1" = 1'-0"



GUARD PERPENDICULAR TO FLOOR JOISTS

SCALE: 1" = 1'-0"



GENERAL NOTES

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



2012 CODE

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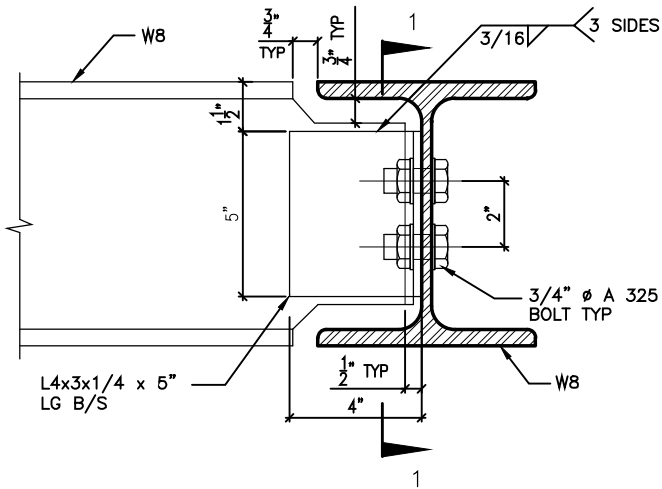
Walter Botter *Walter Botter* 21031
NAME SIGNATURE BCIN

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

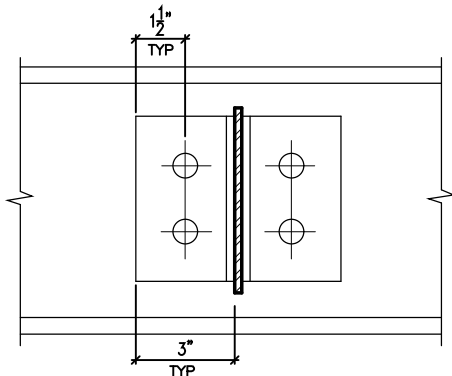
jardin
DESIGN GROUP INC
64 JARDIN DR. SUITE 3A
VAUGHAN ONT. L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

WALK-OUT DECK DETAIL	
BARLASSINA CONSTRUCTION CITY OF CAMBRIDGE	
MODEL NAME T	---
SCALE: AS SHOWN	
PROJ. No. 21-35	DWG. No. 8-1

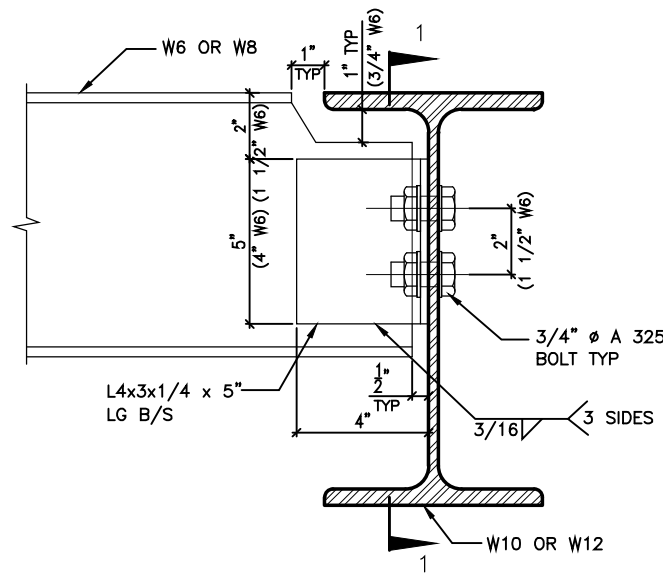


DETAIL 1.

W8
TO
W8
CONNECTION

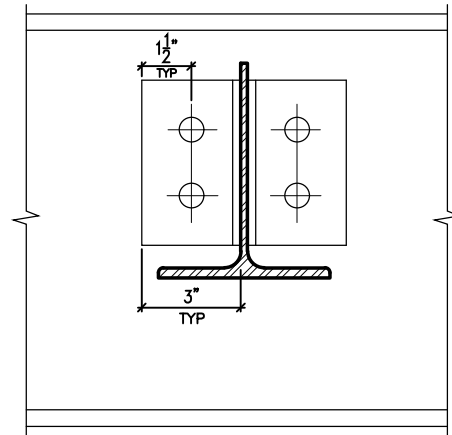


SECTION 1-1

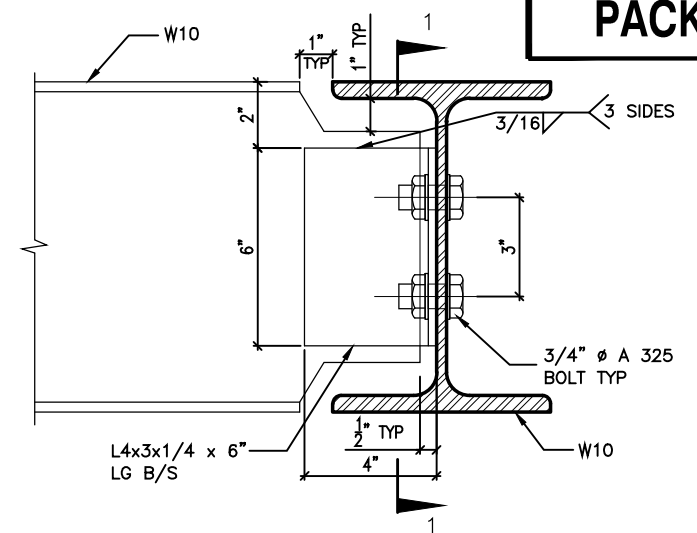


DETAIL 2.

W6(W8)
TO
W10(W12)
CONNECTION

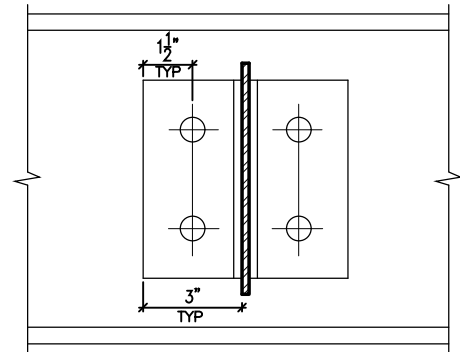


SECTION 1-1

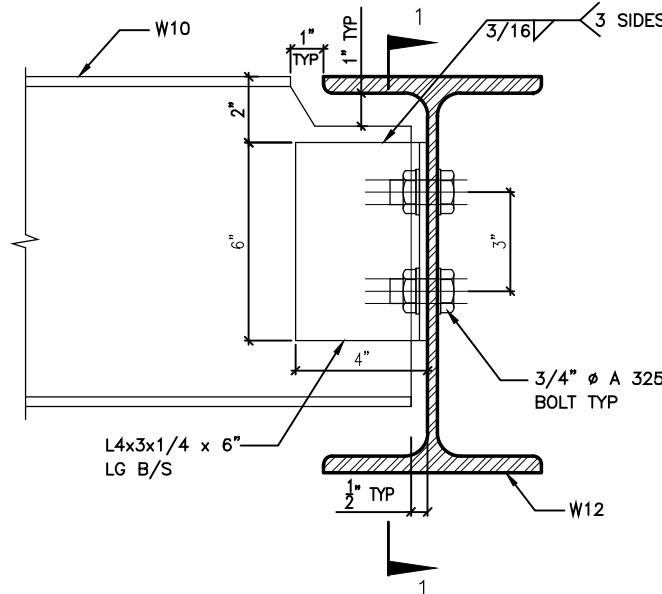


DETAIL 3.

W10
TO
W10
CONNECTION

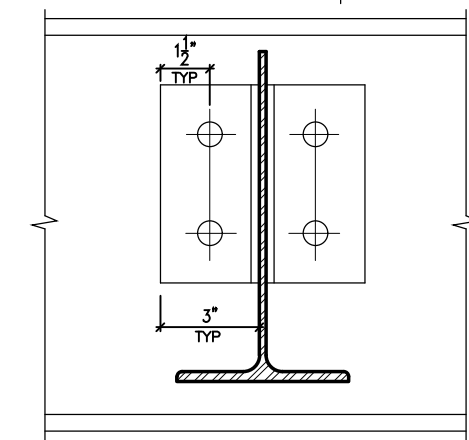


SECTION 1-1

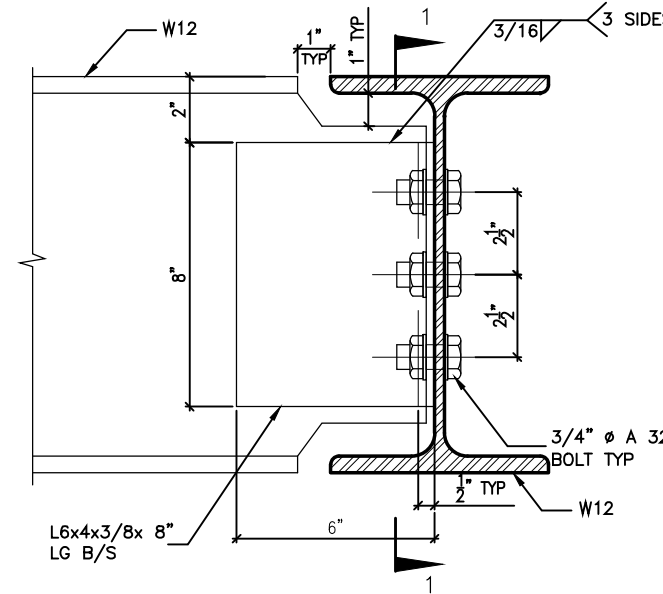


DETAIL 4.

W10
TO
W12
CONNECTION

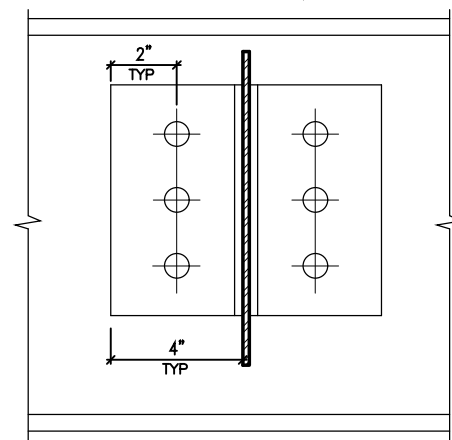


SECTION 1-1

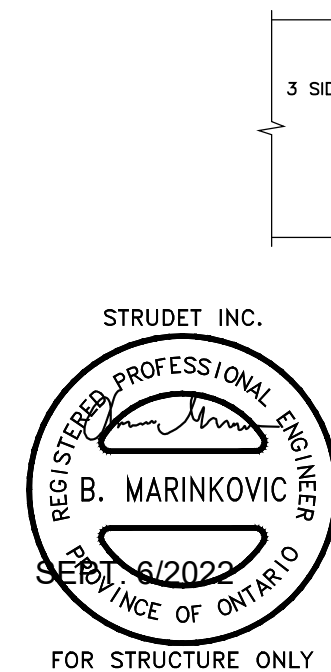


DETAIL 5.

W12
TO
W12
CONNECTION

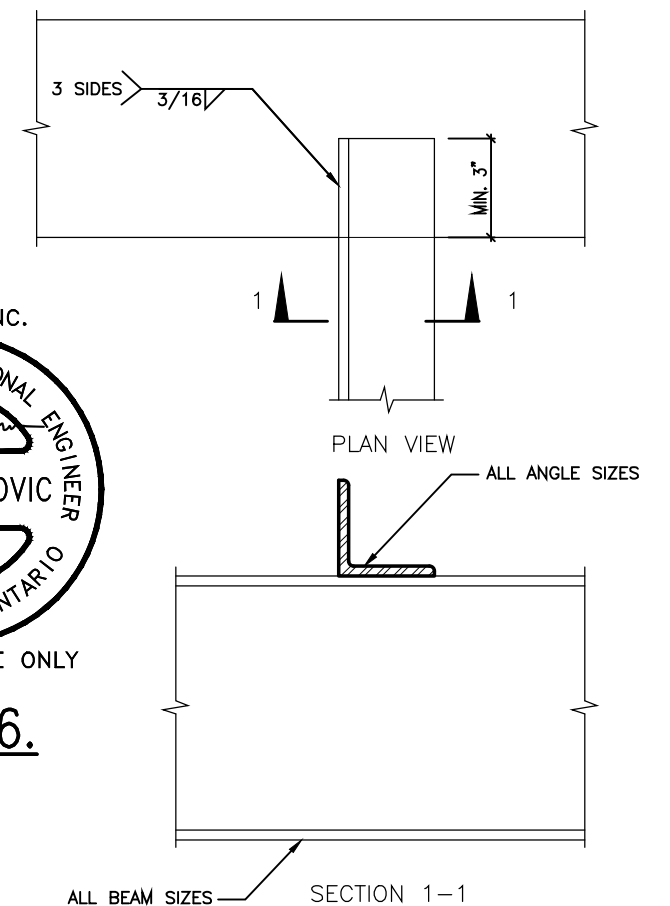


SECTION 1-1



DETAIL 6.

ANGLE
TO
BEAM
CONNECTION



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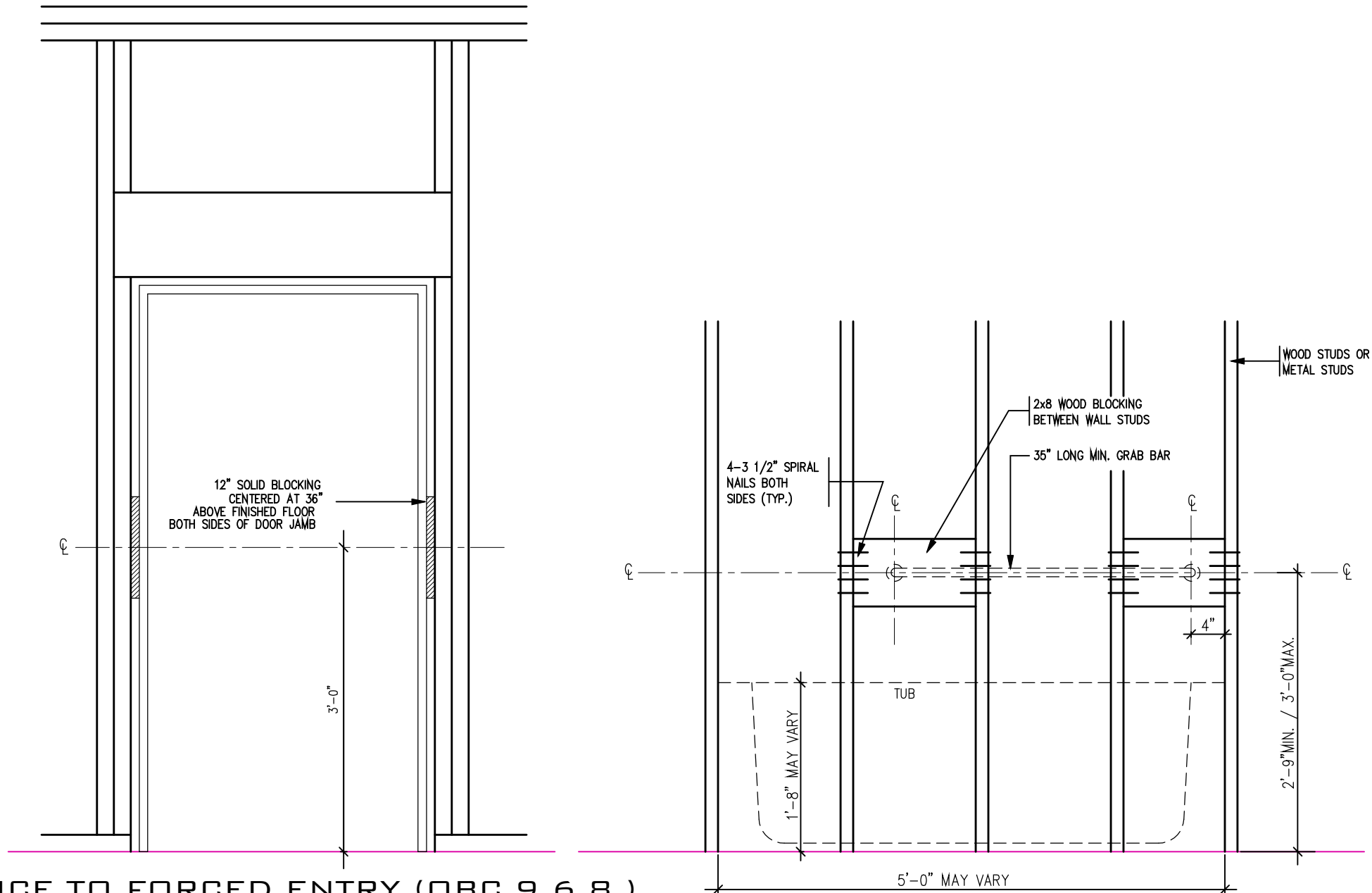
Walter Botter 21037
NAME SIGNATURE BCIN

REGISTRATION INFORMATION
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jardin design group inc. 27763
FIRM NAME BCIN

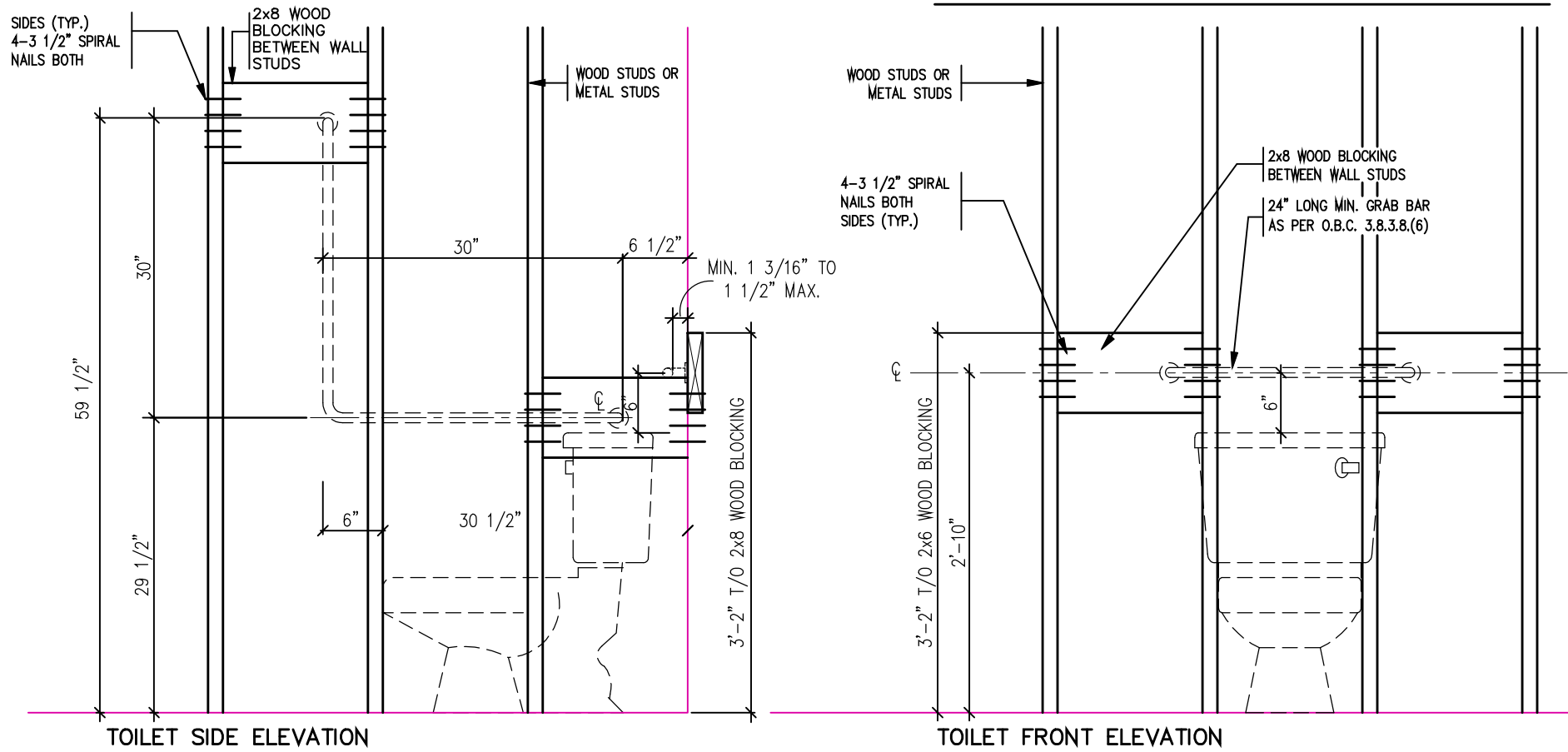
jardin
DESIGN GROUP INC
64 JARDIN DR. SUITE 3A
VAUGHAN ONT. L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

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



RESISTANCE TO FORCED ENTRY (OBC 9.6.8.)

BATH TUB FRONT ELEVATION



TOILET SIDE ELEVATION

TOILET FRONT ELEVATION

STRUCTURAL
REINFORCEMENT FOR
GRAB BAR (OBC
9.5.2.3.)



2012 CODE

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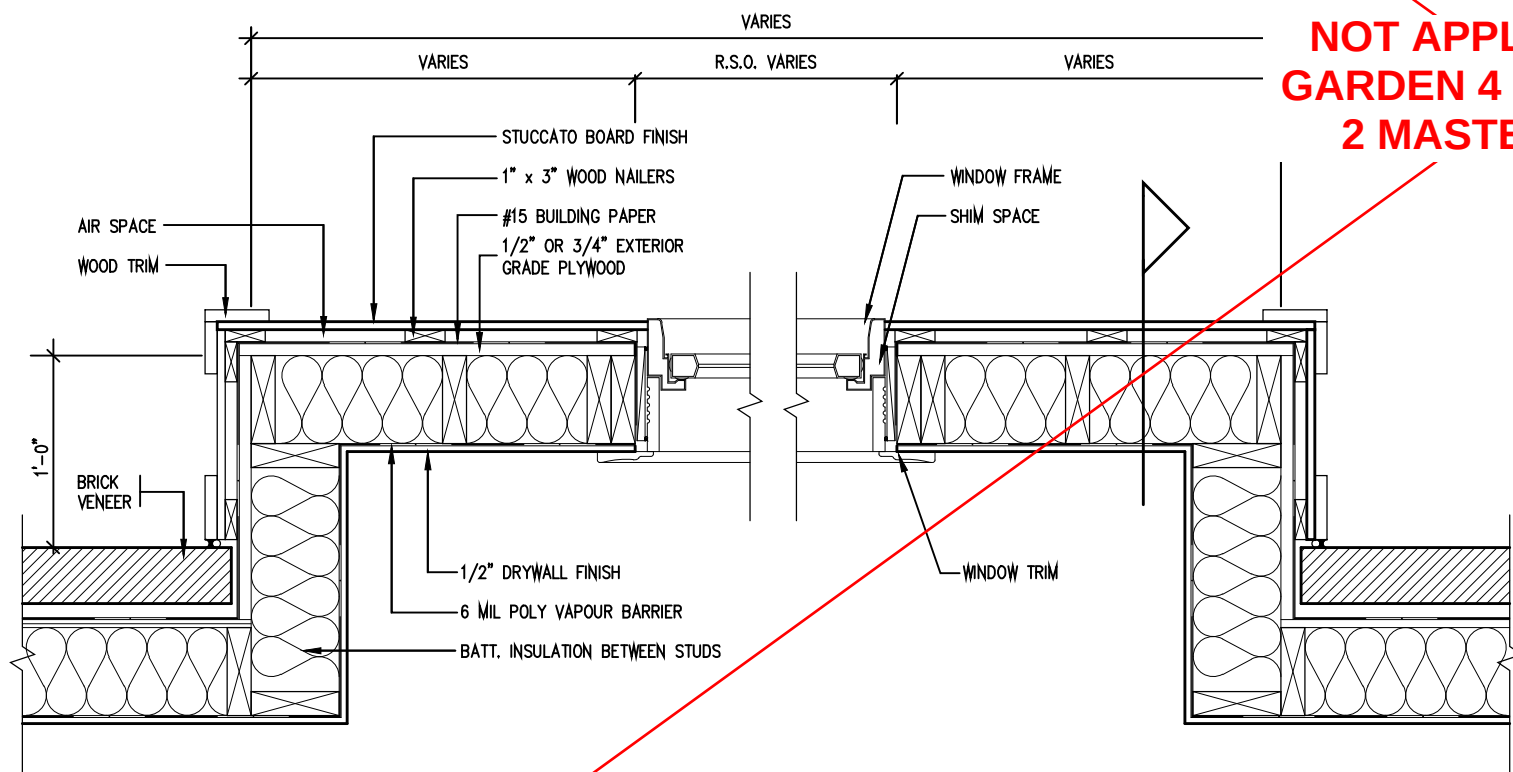
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NAME SIGNATURE BCIN

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3.2.4 of the building code

jardin design group inc. 27763
FIRM NAME BCIN

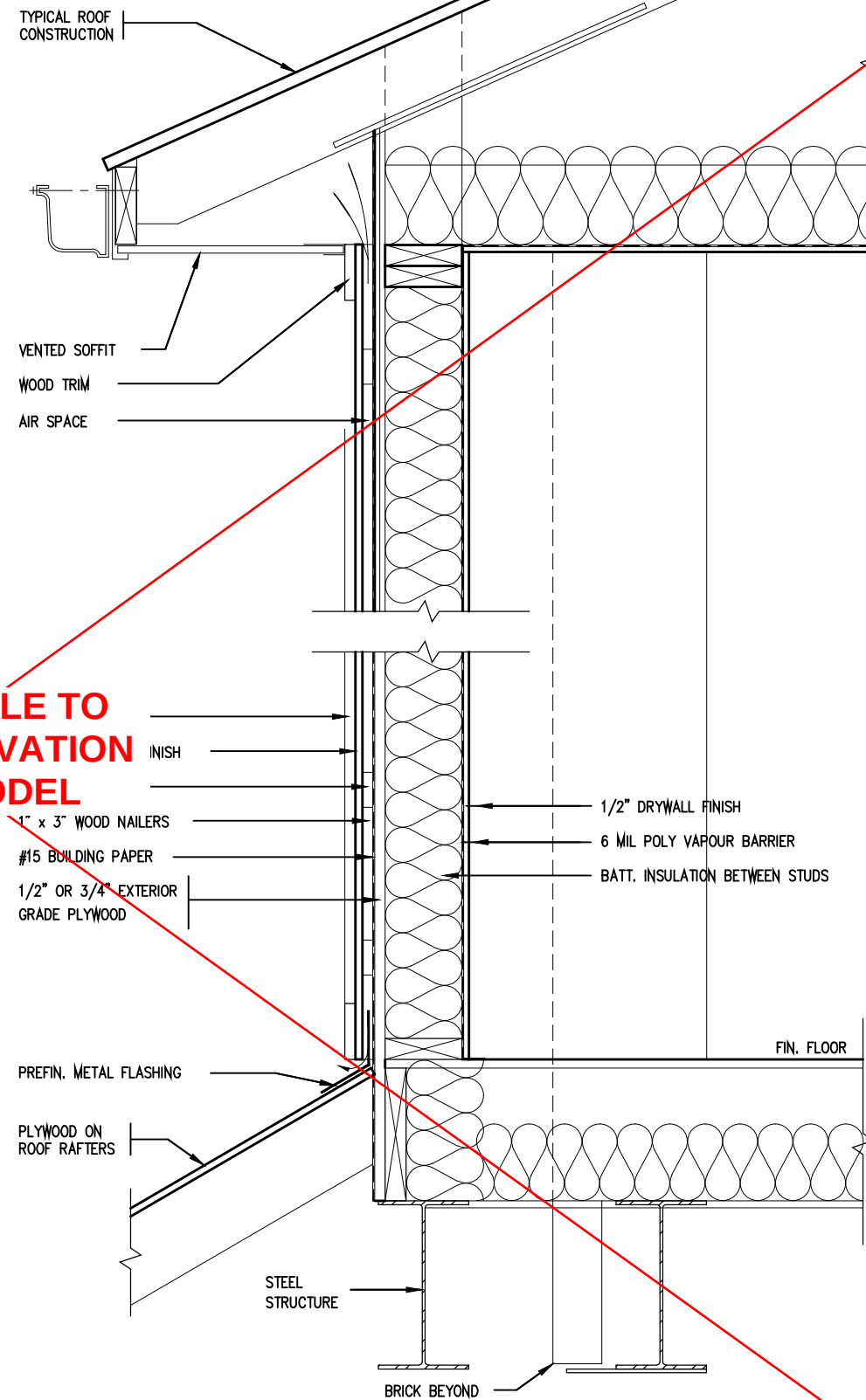
jardin
DESIGN GROUP INC
64 JARDIN DR. SUITE 3A
VAUGHAN ONT. L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

BLOCKING FORCED ENTRY & GRAB BAR	
BARLASSINA CONSTRUCTION CITY OF CAMBRIDGE	
MODEL NAME T	---
SCALE: 3/4"=1'-0"	
PROJ. No. 21-35	DWG. No. 10



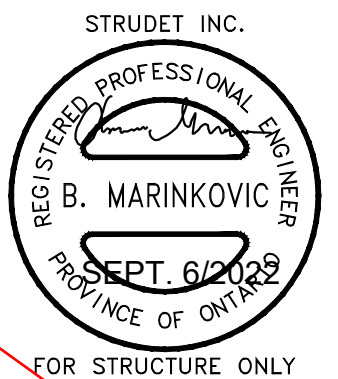
PLAN VIEW

STUCCATO BOARD FINISH CLADDING (OBC 9.27.)



CROSS SECTION

NOT APPLICABLE TO
GARDEN 4 - ELEVATION
2 MASTER MODEL



2012 CODE

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7		
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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:

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 *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

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VAUGHAN ONT, L4K 3P3
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STUCCATO BOARD
FINISH CLADDING

BARLASSINA CONSTRUCTION
CITY OF CAMBRIDGE

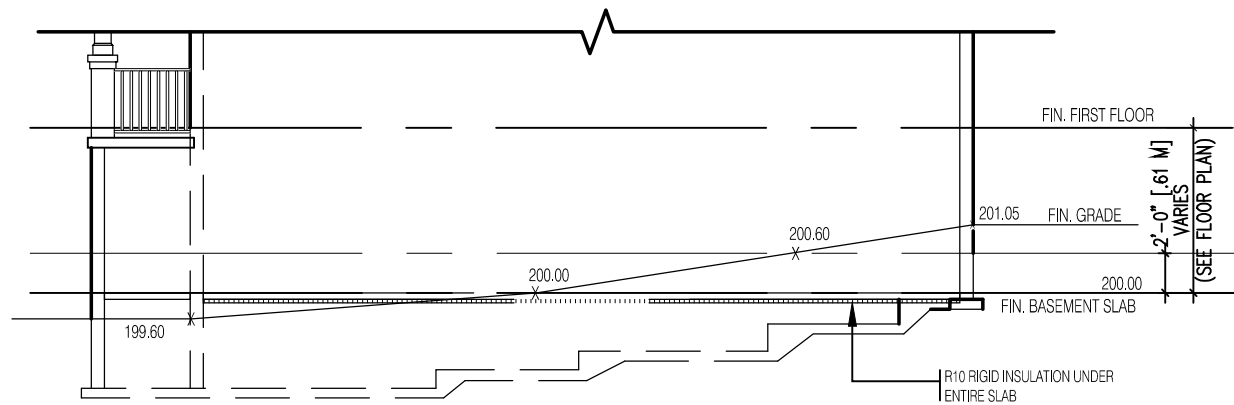
MODEL NAME
T

SCALE: 1"=1'-0"

PROJ. No. 21-35

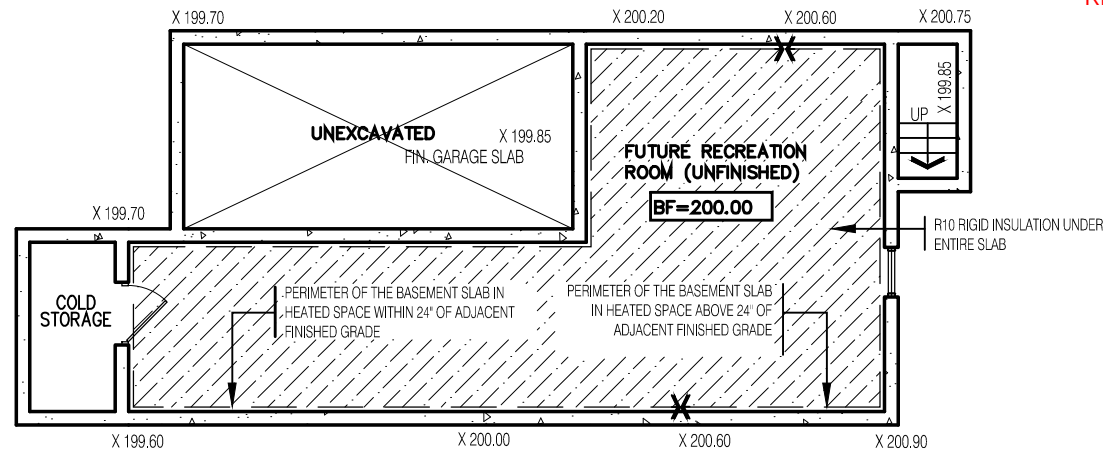
DWG. No. 11

BILD



TYPICAL RIGHT SIDE ELEVATION

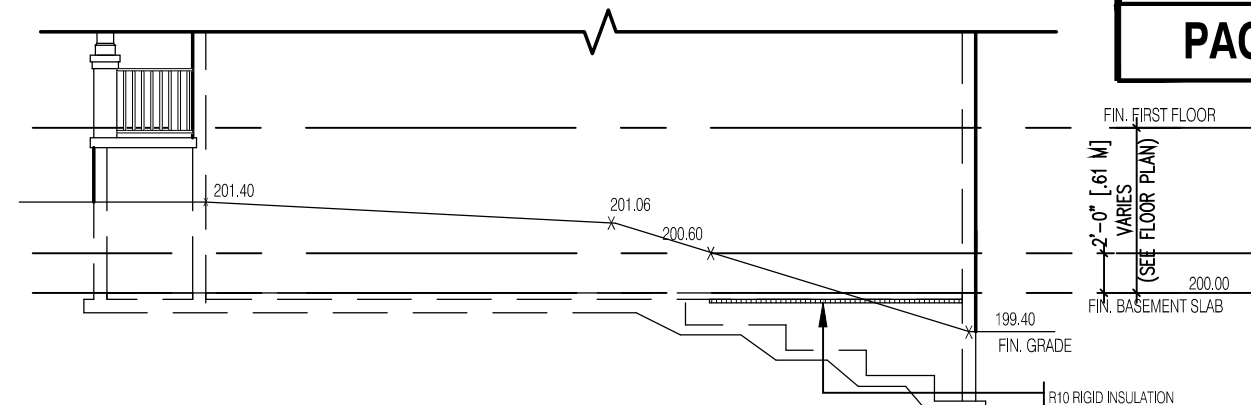
STEP FOOTINGS. MAX 24"
RISE, MIN 24" RUN



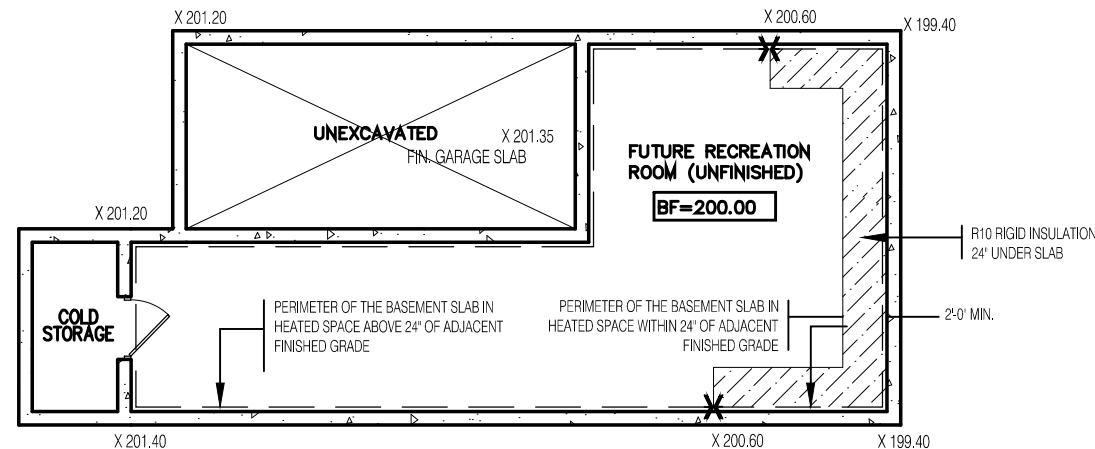
TYPICAL BASEMENT PLAN

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



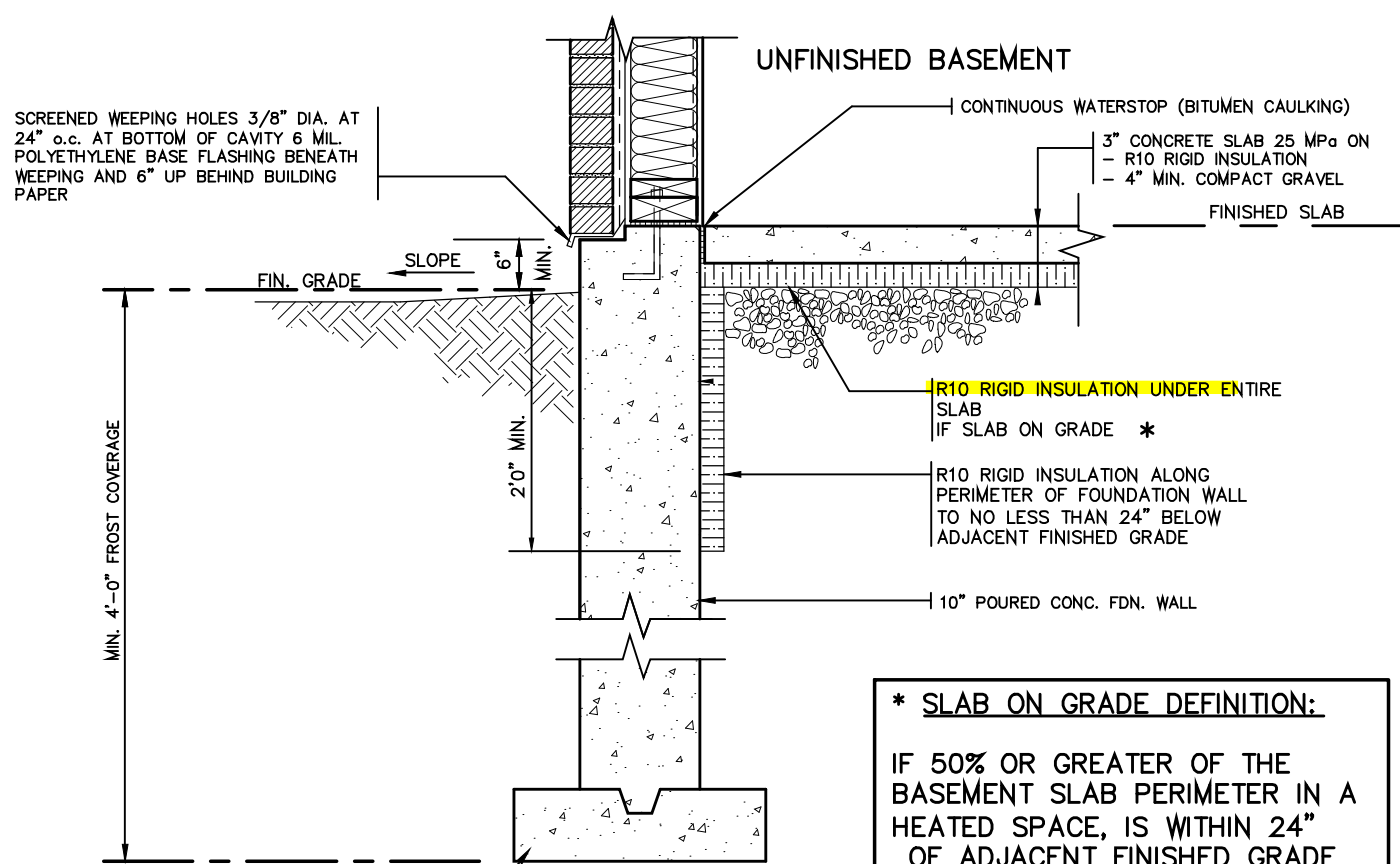
TYPICAL RIGHT SIDE ELEVATION



TYPICAL BASEMENT PLAN

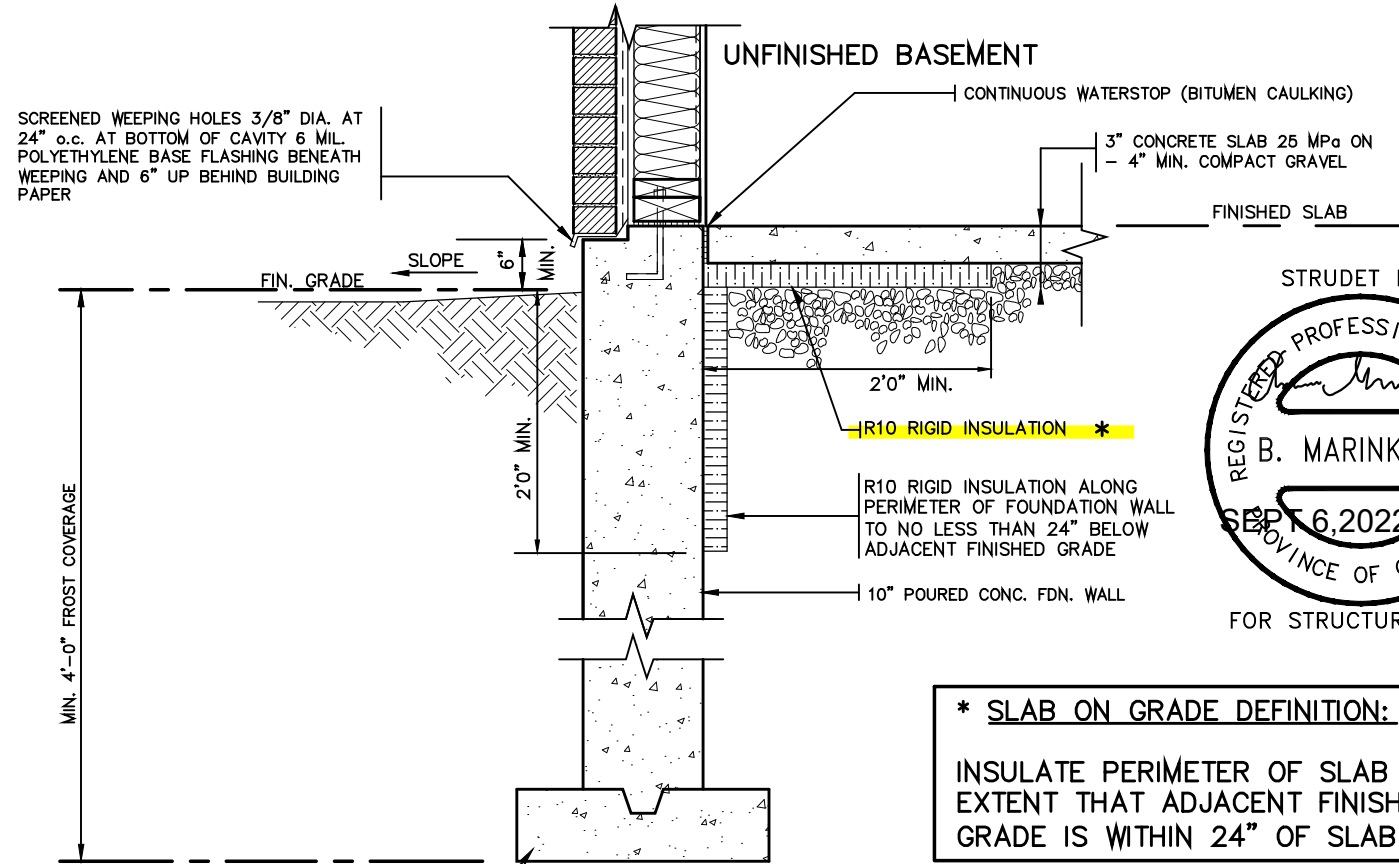
WALK OUT BASEMENT CONDITION

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



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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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.

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for this design and has the qualifications and meets the
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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

jardin
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SLAB ON GRADE WALKOUT BASEMENT	MODEL NAME T
BARLASSINA CONSTRUCTION CITY OF CAMBRIDGE	SCALE: N.T.S.
BILD	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
GARDEN 4 - ELEVATION
2 MASTER MODEL

SECTION
A

SECTION
B

NOTE: FOR MORE
THAN 8 RISERS



2012 CODE

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7		
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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
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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

BILD