

CONSTRUCTION NOT OTHERWISE NOTED OTHERWISE NOTED (*SEE OBC 9.14.3.)

ALL CONSTRUCTION TO ADHERE TO THESE PLANS AND SPEC'S AND TO CONFORM TO THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. THESE REQUIREMENTS ARE TO BE TAKEN AS MINIMUM SPECIFICATIONS. ONT. REG. 332/12 - 2012 OBC.

MHP 23023

1 ROOF CONSTRUCTION (*SEE OBC 9.19.)

NO. 210 (10.25kg/m²) ASPHALT SHINGLES. 10mm (3/8") PLYWOOD SHEATHING WITH "H" CLIPS. APPROVED WOOD TRUSSES @600mm 24" o.c. MAX. APPROVED EAVE PROTECTION TO EXTEND 900mm (3'-0") FROM EDGE OF ROOF AND MIN. 300mm (12") BEYOND INNER FACE OF EXTERIOR WALL. 38x89 (2"x4") TRUSS BRACING @ 1830mm (6'-0") o.c. AT BOTTOM CHORD. PREFIN. ALUM. EAVESTROUGH, FASCIA, RVL & VENTED SOFFIT. PROVIDE ICE & WATER SHIELD TO ALL ROOF / WALL SURFACES SUSCEPTIBLE TO DAMMING. ROOF SHEATHING TO BE FASTENED 150 (6") c.c. ALONG EDGES & INTERMEDIATE SUPPORTS WHEN TRUSSES SPACED GREATER THAN 408 (16"). ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH 50% AT EAVES.

2 FRAME WALL CONSTRUCTION (2"x6")

SIDING, HARDIE BOARD, STUCCATO BOARD OR EQUAL AS PER ELEVATION. 19X64 (1"x3") VERTICAL WOOD FURRING, APPROVED SHEATHING PAPER, 7/16" O.S.B. EXTERIOR SHEATHING. 38x140 (2"x6") STUDS @ 400MM (16") O.C. W/APPROVED DIAGONAL WALL BRACING. RSI 3.87 (R22) INSULATION AND APPROVED VAPOUR BARRIER AND APPROVED CONT. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH.

3 BRICK VENEER CONSTRUCTION (2"x6")

90mm (4") FACE BRICK 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") o.c. HORIZONTAL 800mm (24") o.c. VERTICAL. APPROVED SHEATHING PAPER, 7/16" O.S.B. EXTERIOR SHEATHING. 38x140 (2"x6") STUDS @ 400mm (16") o.c. W/APPROVED DIAGONAL WALL BRACING. RSI 3.87 (R22) INSUL. APPROVED VAPOUR BARRIER AND APPROVED CONT. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. PROVIDE WEEP HOLES @ 800mm (32") o.c. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER.

3A STUCCO WALL CONSTRUCTION (2"x6")

STUCCO CLADDING SYSTEM CONFIRMING TO OBC9.27.1.1.(2) & 9.28 THAT EMPLOY A MINIMUM 6mm (1/4") DRAINAGE CAVITY BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED AS PER MANUFACTURERS SPECIFICATION ON 25mm (1") MINIMUM EXTRUDED OR EXPANDED RIGID INSULATION, APPROVED SHEATHING PAPER, 7/16" O.S.B. EXTERIOR SHEATHING. 38x140 (2"x6") STUDS @ 400mm (16") o.c. W/APPROVED DIAGONAL WALL BRACING. RSI 3.87 (R22) INSUL. APPROVED VAPOUR BARRIER AND APPROVED CONT. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. STUCCO TO BE MIN.200mm (8") ABOVE FINISH GRADE.

4 INTERIOR STUD PARTITIONS

(*SEE OBC 9.23.10.&9.23.11.)

BEARING PARTITION 38x89 (2"x4") @ 400mm (16") o.c. FOR 2 STOREYS AND 300mm (12") o.c. FOR 3 STOREYS. NON-BEARING PARTITIONS 38x89 (2"x4") @ 600mm (24") o.c.. PROVIDE 38x89 (2"x4") BOTTOM PLATE AND 2/38x89 (2"x4") TOP PLATE. 13mm (1/2") INTERIOR DRYWALL BOTH SIDES OF STUD, PROVIDE 38x140 (2"x6") STUDS/PLATES WHERE NOTED.

NON-LOADBEARING WALLS PARALLEL TO FLOOR JOISTS SHALL BE SUPPORTED BY JOIST BENEATH OR ON BLOCKING BETWEEN THE JOISTS, AS PER 9.23.9.8

5 FOUNDATION WALL/FOOTINGS:

(*SEE OBC 9.15.3 & 9.15.4.)

MIN. 200mm (8") POURED CONC. FDTN. WALL 15MPa (2200psi) WITH BITUMENOUS DAMPROOFING AND DRAINAGE LAYER. MIN. 480x155 (19"x6") CONTIN. KEYED CONC. FTG. BRACE FOUNDATION WALL PRIOR TO BACKFILLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL WITH MINIMUM BEARING CAPACITY OF 120kPa (17.4 psi) OR GREATER.

7 BASEMENT SLAB (*SEE OBC 9.16.-)

80mm (3") MIN. 25MPa (3600psi) CONC. SLAB ON 100mm (4") COARSE GRANULAR FILL, OR 15MPa (2200psi) CONC. WITH DAMPROOFING BELOW SLAB.

8 WOOD SUBFLOORS (*SEE OBC 9.23.14. & 9.30.2.)

19mm (3/4") T&G SUBFLOOR UNDER GROUND FLOOR FINISH FLOOR. 16mm (5/8") T&G SUBFLOOR UNDER SECOND FLOOR FINISH FLOOR. 16mm (5/8") PANEL-TYPE UNDERLAY FOR CERAMIC TILE APPLICATION. 6mm (1/4") PANEL-TYPE UNDERLAY UNDER RESILIENT & PARQUET FLOORING.

9 ROOF INSULATION (*SEE SB12 - 2.1.1.2.A & 2.1.1.7)

RSI 10.57 (R60) ROOF INSULATION AND APPROVED VAPOUR BARRIER, 16mm (5/8") INT. DRYWALL FINISH OR APPROVED EQUAL.

10 ALL STAIRS/EXTERIOR STAIRS (*SEE OBC 9.8.-)

MAX. RISE	=200 (7'-7/8")	3 REV.
MIN. RUN	=255 (10")	
MAX. RUN	=355 (1'-2")	
MAX. NOSING	=25 (1")	
MIN. HEADROOM	=1950 (6'-5")	
RAIL @ LANDING	=900 (2'-11")	
RAIL @ STAIR	=865 (2'-10")	
MIN. STAIR WIDTH	=860 (2'-10")	
FOR CURVED STAIRS	= 200 (8")	
MIN. AVG. RUN	= 150 (6")	

11 RAILING (*SEE OBC 9.8.B.)

FINISHED RAILING ON PICKETS SPACED MAXIMUM 100mm (4") BETWEEN PICKETS.

INTERIOR GUARDS: = 900mm (2'-11") MIN.
EXTERIOR GUARDS: = 1070mm (3'-6") MIN.

12 SILL PLATE (*SEE OBC 9.23.6 & 9.23.7.)

38x89 (2"x4") SILL PLATE WITH 13mm (1/2") DIA. ANCHOR BOLTS 200mm (8") LONG, EMBEDDED MIN. 100mm (4") INTO CONC. @ 2400mm (7'-10") o.c. CAULKING OR 25 (1") MIN. MINERAL WOOL BETWEEN PLATE AND TOP OF FDTN. WALL. USE MORTAR TO LEVEL SILL PLATE WHEN REQUIRED.

13 BASEMENT INSULATION (*SEE OBC 12.3.)

FOUNDATION WALLS ENCLOSING HEATED SPACE SHALL BE INSULATED FROM THE UNDERSIDE OF THE SUBFLOOR TO NOT MORE THAN 152mm (6") ABOVE THE FINISHED FLOOR OF THE BASEMENT AND NOT LESS THAN 50mm (2") TO THE SLAB. FOUNDATION WALL INSULATION SHALL BE MINIMUM RSI. 3.52 (R20) BLANKET INSULATION, APPROVED VAPOUR BARRIER.

14 BASEMENT BEARING STUD PARTITION

(*SEE OBC 9.23.10.)

38x89 (2"x4") STUDS @400mm (16") o.c. 38x89 (2"x4") SILL PLATE ON DAMPROOFING MATERIAL, 13mm (1/2") DIA. ANCHOR BOLTS 200mm (8") LONG, EMBEDDED MIN. 100mm (4") INTO CONC. @ 2400mm (7'-10") o.c. (4") HIGH CONC. CURB ON 305x155 (12"x6") CONC. FOOTING. ADD HORIZ. BLOCKING AT MID-HEIGHT IF WALL IS UNFINISHED.

15 STEEL BASEMENT COLUMN (*SEE OBC 9.17.3.)

90mm (3-1/2") DIA. x 4.78mm (188) STL. COL. WITH 150x150x9.5mm (6"x6"x3/8") STL. TOP & BOTTOM PLATE.

15A STEEL COLUMN (*SEE OBC 9.17.3.)

90mm (3-1/2") DIA. x 4.78mm (188) STL. COLUMN WITH 100x100x6.4mm (4"x4"x1/4") STEEL TOP & BOTTOM PLATE. FIELD WELD BOTTOM PLATE TO 250x100x12.5mm (10"x4"x1/2") BASE PLATE C/W 2-13mm (1/2") DIA. x 300mm (12") LONG x 50mm (2") HOOK ANCHORS.

16 NIB WALLS (*SEE OBC 9.23.8.)

BEAM POCKET OR 200x200 (8"x8") POURED CONCRETE NIB WALLS. MINIMUM BEARING 90mm (3-1/2")

17 STEEL BEAM STRAPPING (*SEE OBC 9.23.4.3.(3)(C))

19x38 (1"x2") CONTINUOUS WOOD STRAPPING BOTH SIDES OF STEEL BEAM.

18 GARAGE SLAB (*SEE OBC 9.16.-)

100mm (4") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON OPT. 100 (4") COARSE GRANULAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL. SLOPE TO FRONT 1% MIN.

19 INTERIOR GARAGE WALLS & CEILING (*SEE OBC 9.10.9.16.)

13mm (1/2") GYPSUM BOARD ON WALL AND CEILING BETWEEN HOUSE AND GARAGE. RSI 3.87 (R22) IN WALLS, RSI 5.46 (R31) IN CEILING. TAPE AND SEAL ALL JOINTS GAS TIGHT.

20 GARAGE DOOR GASPROOFING

(*SEE OBC 9.10.13.15)
DOOR AND FRAME GASPROOFING. DOOR EQUIPPED WITH SELF CLOSING DEVICE AND WEATHER STRIPPING.

21 EXTERIOR STEP

(*SEE OBC 9.8.9.2, 9.8.9.3 & 9.8.10.)
PRECAST CONCRETE STEP OR WD. STEP WHERE NOT EXPOSED TO WEATHER MAX. RISE 200mm (7'-7/8"); MINIMUM TREAD 250mm (9'-1/2")

22 DRYER VENT (*SEE OBC 6.2.3.8.(7))

CAPPED DRYER EXHAUST VENTED TO EXTERIOR. USE 1000mm (4") DIA. SMOOTH WALL VENT PIPE.

23 ATTIC ACCESS (*SEE OBC 9.19.2.)

ATTIC ACCESS HATCH 545x700 (22"x28") WITH WEATHERSTRIPPING. RSI 5.46 (R31) RIGID INSULATION BACKING.

24 FIREPLACE CHIMNEYS (*OBC 9.21.-)

TOP OF FIREPLACE CHIMNEY SHALL BE 915mm (3'-0") ABOVE THE HIGHEST POINT AT WHICH IT COMES IN CONTACT WITH THE ROOF AND 610mm (2'-0") ABOVE THE ROOF SURFACE WITHIN A HORIZ. DISTANCE OF 3050mm (10'-0") FROM THE CHIMNEY.

25 LINEN CLOSET

4 SHELVES MIN. 350mm (14") DEEP.

26 MECHANICAL EXHAUST

(*SEE OBC 9.32.3.5, 9.32.3.10.)
MECHANICAL EXHAUST FAN VENTED TO EXTERIOR.

27 STEEL BEARING PLATE FOR MASONRY WALLS

280x280x16 (11"x11"x5/8") STL. PLATE FOR STL BEAMS AND 280x280x12 (11"x11"x1/2") STL. PLATE FOR WOOD BEAMS BEARING ON CONC. BLOCK PARTYWALL, ANCHORED W/ 2-19mm (3/4") x200mm (8") LONG GALV. ANCHORS WITHIN SOLID BLOCK COURSE. LEVEL WITH NON-SHRINK GROUT.

28 CLASS "B" VENT

U.L.C. RATED CLASS "B" VENT 610mm (2'-0") ABOVE THE POINT IN CONTACT WITH THE ROOF FOR SLOPES UP TO 9/12, REFER TO THE ONTARIO GAS UTILIZATION CODE.

29 WOOD BASEMENT POST (*OBC 9.17.4.)

3-38x140 (3-2"x6") BUILT-UP POST ON METAL BASE SHOE ANCHORED TO CONC. WITH 12.7 (1/2") DIA. BOLT ON 406x406x203 (16"x16"x8") CONC. FOOTING.

30 STEP FOOTINGS (*OBC 9.15.3.9.)

MIN. HORIZ. STEP = 610mm (24"). MAX. VERT. STEP = 610mm (24")

31 SLAB ON GRADE (*SEE OBC 9.16.-)

100mm (4") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON OPT. 100 (4") COARSE GRANULAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL. REINFORCED W/ 6x6-W2.9xW2.9 MESH PLACED NEAR MID-DEPTH OF SLAB.

32 DIRECT VENT FURNACE ●

DIRECT VENT FURNACE TERMINAL MIN. 900mm (36") FROM A GAS REGULATOR, MIN 300mm (12") ABOVE FIN. GRADE, FROM ALL OPENINGS, EXHAUST & INTAKE VENTS. HRV INTAKE TO BE A MIN. OF 1830mm (6'-0") FROM ALL EXHAUST TERMINALS. REFER TO GAS UTILIZATION CODE. ALL AIR INTAKES SHALL BE LOCATED SO THAT THEY ARE SEPARATED FROM KITCHEN EXHAUST BY 3.0m IN COMPLIANCE WITH O.B.C. DIV.-B TABLE 6.2.3.12.

33 DIRECT VENT GAS FIREPLACE

DIRECT VENT GAS FIREPLACE. VENT TO BE A MINIMUM 300mm (12") FROM ANY OPENING AND ABOVE FIN. GRADE. REFER TO GAS UTILIZATION CODE

34 JOIST STRAPPING & BRIDGING (*SEE OBC 23.9.4.)

ALL FLOOR JOISTS TO BE BRIDGED WITH 38x38 (2"x2") CROSS BRACING OR SOLID BLOCKING @2100mm (8'-11") o.c. MAX. 19x64 (1"x3") @2100mm (8'-11") o.c. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED.

35 EXPOSED BUILDING FACE (*SEE OBC 9.10.15.)

EXTERIOR WALLS TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45min. WHERE LIMITING DISTANCE IS LESS THAN 1.2M (3'-11") WHERE THE LIMITING DISTANCE IS LESS THAN 600mm (1'-11") THE EXPOSING FACE SHALL BE CLAD IN NON-COMBUSTABLE MATERIAL

36 GOLF CELLAR PORCH SLAB (*SEE OBC 9.40.)

FOR MAX. 2500mm (8'-2") PORCH DEPTH, 125mm (5") 32MPa (4640 psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT. REINF. WITH 10M BARS @200mm (8") o.c. EACH WAY IN BOTTOM THIRD OF SLAB, ANCHORED IN PERIMETER FDTN. WALLS W/ 610x610 (24"x24") 10M @600mm (24") o.c. DOWELS. SLOPE SLAB MIN. 1.0% FROM DOOR. SLAB TO HAVE A MIN. 75mm (3") BEARING ON FDTN. WALLS. PROVIDE (WL1) LINTELS OVER CELLAR DOOR.

37 FDTN. WALL REDUCTION IN THICKNESS

(*SEE OBC 9.15.4.7.)

FDTN. WALL SHALL NOT BE REDUCED TO LESS THAN 90mm (3-1/2") THICK TO A MAX. DEPTH OF 660mm (26") FOR 8" FDTN. WALL. 10" FDTN. WALL WHEN REDUCTION IN THICKNESS IS GREATER THAN 26". FDTN. WALL SHALL BE TIED TO THE FACING MATERIAL WITH METAL TIES SPACED 200mm (8") o.c. VERTICALLY AND 900mm (36") o.c. HORIZONTALLY. FILL SPACE BETWEEN WALL AND FACING SOLID WITH MORTAR.

38 CONVENTIONAL ROOF FRAMING

(*SEE OBC 9.23.4.2.(1))

FOR MAX. 2240mm (7'-4") SPAN, 38x89 (2"x4") RAFTERS @400mm (16") o.c.. FOR MAX. 3530mm (11'-7") SPAN, 38x140 (2"x6") RAFTERS @400mm (16") o.c.. RIDGE BOARD TO BE 51mm (2") DEEPER. 38x39 (2"x4") COLLAR TIES AT MIDSPANS. CEILING JOISTS TO BE 38x89 (2"x4") @400mm (16") o.c. FOR MAX. 2830mm (9'-3") SPAN & 38x140 (2"x6") @ 400 (16") o.c. FOR MAX. 4450mm (14'-7") SPAN. RAFTERS FOR BUILT-UP ROOF TO BE 38x89 (2"x4") @600mm (24") o.c. WITH A 38x89 (2"x4") CENTER POST TO THE TRUSS BELOW, LATERALLY BRACED @1800mm (6'-0") o.c. VERTICALLY.

39 TWO STOREY VOLUME SPACES

FOR A MAXIMUM 5490mm (18'-0") HEIGHT, PROVIDE 2-38x140 (2-2"x6") CONTINUOUS STUDS @300mm (12") o.c. FOR BRICK AND 400mm (16") o.c. FOR SIDING. PROVIDE SOLID WOOD BLOCKING BETWEEN STUDS @1220mm (4'-0") o.c. VERT. 7/16" EXT. PLYWOOD.

40 EXPOSED FLOOR TO EXTERIOR (*SB12 - 2.1.1.2.A)

PROVIDE RSI 5.46 (R31) INSULATION, APPROVED VAPOUR BARRIER AND CONTINUOUS AIR BARRIER, FINISHED SOFFIT.

41 PARTYWALLS

TYPICAL 1 HOUR RATED PARTYWALL. REFER TO DETAILS FOR TYPE AND SPECIFICATIONS.

42 EXTERIOR WALLS FOR WALK-OUT CONDITION

THE EXTERIOR BASEMENT STUD WALL TO BE 38x140mm (2"x6") STUDS @400mm (16") o.c. MATCH FLOOR JOIST SPACING WHEN PARALLEL WITH FLOOR JOISTS.

43 SMOKE ALARM ● (*OBC 9.10.19)

PROVIDE 1 PER FLOOR, NEAR THE STAIRS CONNECTING THE FLOOR LEVEL AND ALSO 1 IN EACH BEDROOM NEAR HALL DOOR. ALARMS TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND INTERCONNECTED TO ACTIVATE ALL ALARMS IF ONE SOUNDS. BATTERY BACK-UP REQUIRED. SMOKE ALARMS TO INCORPORATE VISUAL SIGNALLING COMPONENT. (9.10.19.3.(3)).

44 CARBON MONOXIDE ALARM ● (*OBC 9.33.4.)

WHERE A FUEL-BURNING APPLIANCE IS INSTALLED IN A DWELLING UNIT, A CARBON MONOXIDE DETECTOR CONFORMING TO CAN./CSA-6.19, CSA 6.19 OR UL2034 SHALL BE INSTALLED ADJACENT TO EACH SLEEPING AREA. CARBON MONOXIDE DETECTOR(S) SHALL BE PERMANENTLY WIRED SO THAT IT IS ACTIVATION WILL ACTIVATE ALL CARBON MONOXIDE DETECTORS AND BE EQUIPPED WITH AN ALARM THAT IS AUDIBLE WITHIN BEDROOMS WHEN THE INTERVENING DOORS ARE CLOSED

45 SOIL GAS CONTROL (*OBC 9.13.4.)

PROVIDE CONSTRUCTION TO PREVENT LEAKAGE OF SOIL GAS INTO THE BUILDING AS REQUIRED.

STRUDET INC.



FOR STRUCTURE ONLY

2012 CODE

11.16. CONSTRUCTION SHALL BE CHECKED 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.	7		
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AS CONSTRUCTION PROGRESS MUST BE VERIFIED PRIOR TO POURING FOOTINGS	5		
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THIS DRAWING IS AN INSTRUMENT OF SERVICE, IS PROVIDED BY AND IS THE PROPERTY OF JARDIN DESIGN GROUP INC. THIS DRAWING IS NOT TO BE REPRODUCED.	3	AUG. 31, 2022	ADDED TO JOB, ISSUED FOR PERMIT
	2	MAR. 14, 2022	O.B.C. UPDATE FOR STANDARDS (JAN. 1/2022)
	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	
Walter Botter	21031
NAME	SIGNATURE BCIN
REGISTRATION INFORMATION Required unless design is exempt under Division C, Subsection 3.2.4 of the building code	
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GENERAL NOTES	
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MODEL NAME T	----
SCALE: N.T.S.	
PROJ. No. 21-35	DWG. No. 1



WINDOWS CANADA ZONE PERMIT CHIEF BUILDING OFFICIAL

MHP 23023

SLAB UP TO NARROW (20'-25') & TALL (1-3U) 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
PL POINT LOAD
SB 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

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)(a), 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

2012
PACKAGE 'A1'

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3		
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NO: DATE: WORK DESCRIPTION:		

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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

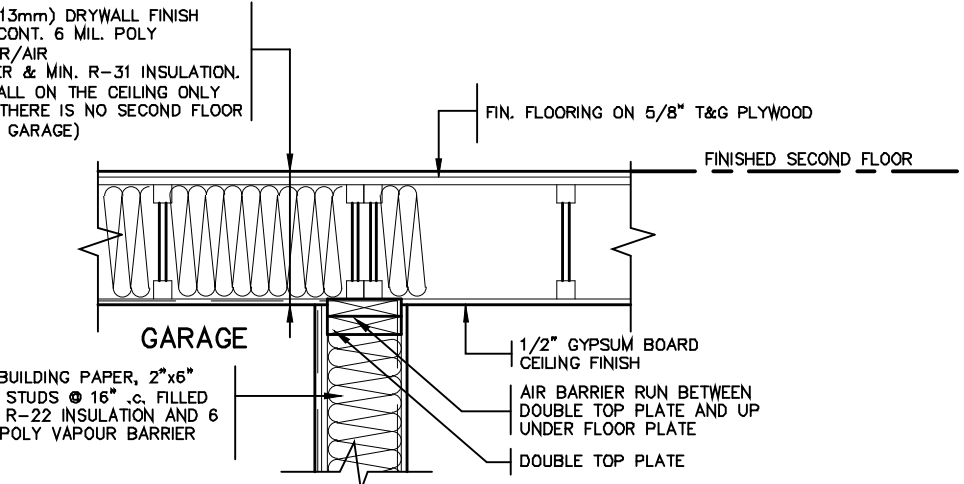
jardin
DESIGN GROUP INC
64 JARDIN DR, SUITE 3A
VAUGHAN ONT. L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

GENERAL NOTES
ZADORRA ESTATES CORP.
CITY OF OSHAWA



MODEL NAME
T ----
SCALE: N.T.S.
PROJ. No. 21-35
DWG. No. 1A

2 STOREY WALL SECTION				
2"x6" BRICK VENEER				
ZADORRA ESTATES CORP.				
CITY OF OSHAWA				
	MODEL NAME	T	----	
	SCALE:	AS NOTED		
	PROJ. No.	21-35	DWG. No.	2



EVERY OTHER BRICK IS TIE IN COURSE MIN. 4" IN WALL FLASHING

WEEP HOLES

26" MAX. FOR 8" CONCRETE WALL

FIN. GRADE

PROTECTION REQ'D FOR FRAMING MEMBERS

2"x4" WOOD PLATE ANCHORED TO FOUNDATION WALLS WITH 1/2" DIA. BOLTS AT 7'-10" o.c. MIN. 4" INTO FOUNDATION WALL

DOVE TAIL TIES #6" o.c. VERT. & 36" o.c. HORIZ.

SOLID MORTAR FILL

REDUCED CONC. MIN. 90mm THICK

8" FOUNDATION WALL WHEN VENEER CUT IS EQUAL OR LESS THAN 26".
10" FOUNDATION WALL WHEN VENEER CUT IS MORE THAN 26".

7-1/2" MAX.

WEEP HOLES

CAULKING

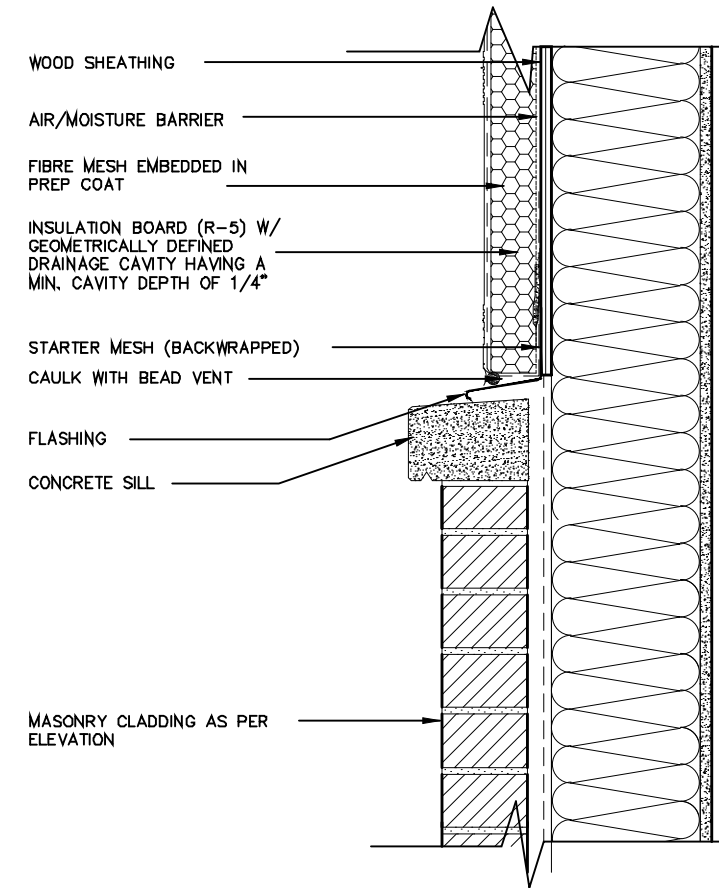
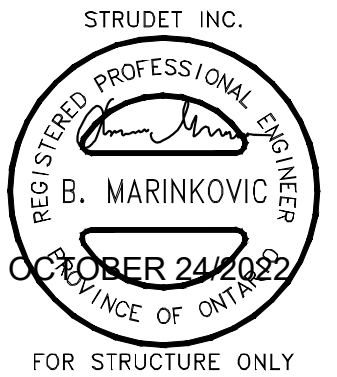
5" P.C. AIR DUCT

DETAIL FOR COLD CELLAR PORCH SLAB

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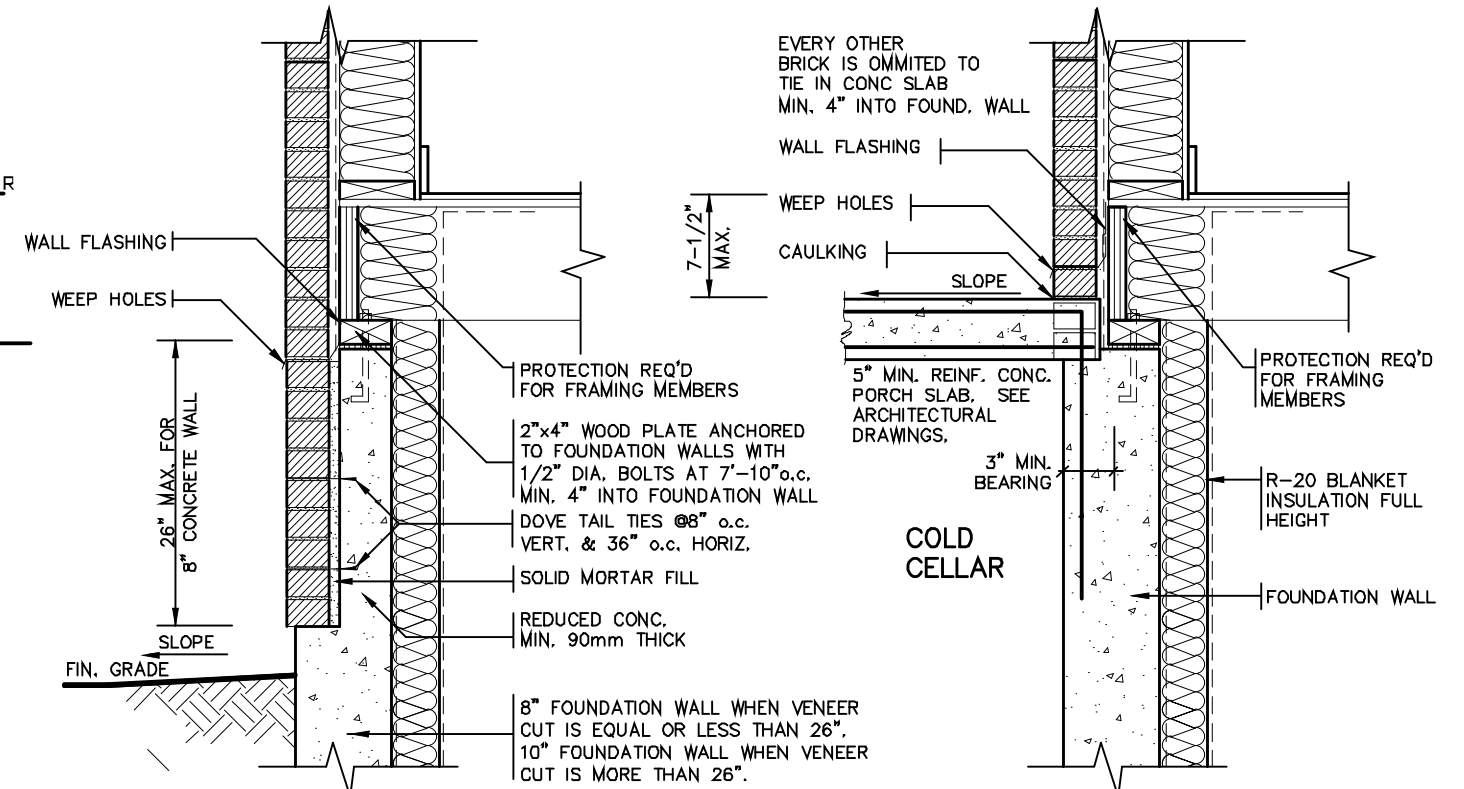
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NAME	SIGNATURE	BCIN
REGISTRATION INFORMATION Required unless design is exempt under Division C, Subsection 3.2.4 of the building code		
jardin design group inc.		27763
FIRM NAME	BCIN	

jardin
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A. TERMINATION AT MASONRY
CLADDING WITH SEALANT

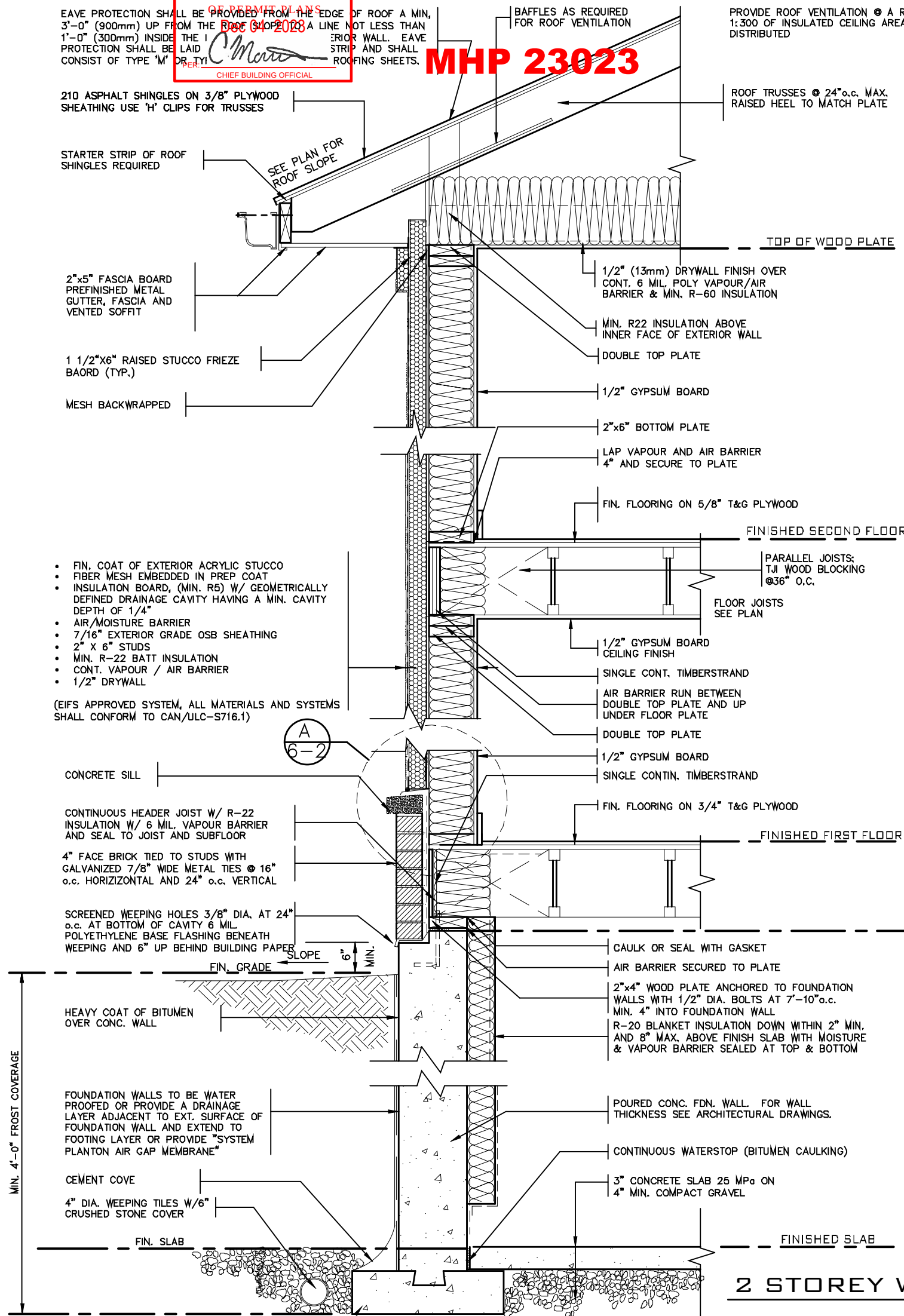
1 1/2" = 1'0"



DETAIL FOR CONCRETE
VENEER DROPPED GRADE

DETAIL FOR COLD CELLAR PORCH SLAB

2 STOREY WALL SECTION



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2 STOREY WALL SECTION 2"x6" STUCCO WALL			
ZADORRA ESTATES CORP. CITY OF OSHAWA			
	MODEL NAME	T	
	SCALE:	AS NOTED	
	PROJ. No.	21-35	DWG. No.
			3

TIGHTLY SEAL ANY GAPS WITH MINERAL WOOL OR NON-COMBUSTIBLE MATERIAL AS PER O.B.C. 9.10.11.2(3)

CORPORATION OF THE CITY OF OSHAWA
TRUE COPY
OF PERMIT PLANS
Dec 04 2023
PER: *Chief Building Official*
CHIEF BUILDING OFFICIAL

MHP 23023

PROVIDE BEARING FOR GIRDER TRUSSES AS PER TRUSS DRAWING SPECIFICATION
PRE-ENGINEERED ROOF TRUSSES AS PER TRUSS MANUFACTURERS DRAWINGS

TOP OF PLATE

2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

3 ROWS (TOP, MIDDLE AND BOTTOM) OF 1"x4" STRAPPING TO RESTRAIN INSULATION FROM FALLING OUT.

5/8" TYPE "X" GYPSUM WALL BOARD

FIN. SECOND FLOOR

ABSORPTIVE MATERIAL

2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

3 ROWS (TOP, MIDDLE AND BOTTOM) OF 1"x4" STRAPPING TO RESTRAIN INSULATION FROM FALLING OUT.

5/8" TYPE "X" GYPSUM WALL BOARD

FIN. FIRST FLOOR

JOISTS FRAMING INTO PARTY WALL

SOLID BLOCKING BETWEEN JOISTS
CONTINUOUS RIM BOARD

1/2" DIA. ANCHOR BOLTS EMBEDDED IN POURED CONC. WALL

8" POURED CONC. WALL

CONTINUOUS BOND BREAKING MATERIAL

3" CONC. SLAB ON 5" COMPACTED GRAVEL

FIN. BASEMENT SLAB

CONC. FTG. C/W 2"x4" KEYWAY ON NATURAL UNDISTURBED SOIL FOR SIZES SEE ARCHITECTURAL DRAWINGS

38x89 (2"x4") STUDS @ 400 O.C. WITH 15.9mm (5/8") TYPE 'X' GYPSUM BOARD ONE LAYER ON EACH SIDE. SUPPLEMENTARY STANDARDS SB3, TABLE 1, W1d WALL ASSEMBLY.

SOUND ABSORPTIVE MATERIAL REQUIREMENTS
SOUND ABSORPTIVE MATERIAL INCLUDES FIBRE PROCESSED FROM ROCK, SLAG, GLASS OR CELLULOSE FIBRE. IT MUST FILL AT LEAST 90% OF THE CAVITY THICKNESS FOR THE WALL TO PROVIDE THE LISTED STC VALUE.

SOUND TRANSMISSION RATING
MINIMUM REQUIRED S.T.C. RATING OF 50 (O.B.C. DIV. B 9.11.2.1(1))

WALL TYPE
SEE SUPPLEMENTARY STANDARDS SB3 TABLE 1, W13A BEARING WALL WITH 2 ROWS OF 2X4 SPR. @ 16" O.C. ON SEPARATE 2X4 PLATES SET 1" APART WITH 4" ABSORPTIVE MATERIAL AND 1 LAYER 5/8" TYPE 'X' GYPSUM WALL BOARD ON EACH SIDE (SEE NOTES 5 TO TABLE 1)

FIRE RESISTANCE RATING
FIRE RESISTANCE RATING REQUIRED IS 1 HR. MIN. (AS PER SENTENCE DIV. B 9.10.11.2.1 [1] O.B.C.)

2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

1" AIR SPACE

3/4" SUBFLOOR

FIN. FIRST FLOOR

ENGINEERED FLOOR JOISTS W/HEADER

2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

2"x4" SILL PLATE (MAX. 2 725 P/F)

8" POURED CONC. FOUNDATION WALL

FIN. SLAB

FLOOR JOISTS PARALLEL

3.5" DIA. STEEL COLUMN
2"x4" SPR. STUDS @ 16" O.C. STAGGERED

1/2" DRYWALL @ STUD CONCEALING STL. COL.
1 LAYER 5/8" TYPE 'X' GYPSUM WALL BOARD

PLAN OF PARTY WALL IN GARAGE

ALL GYPSUM BOARD TO BE TIGHT FIR AGAINST ROOF SHEATHING AND ROOF TRUSSES. MIDDLE GYPSUM BOARD BETWEEN TWO TRUSSES TO BE TIGHTLY SCREWED TO BOTH TRUSSES.

PER- ENGINEERED ROOF TRUSSES BY TRUSS MFG. @ 24" O.C.

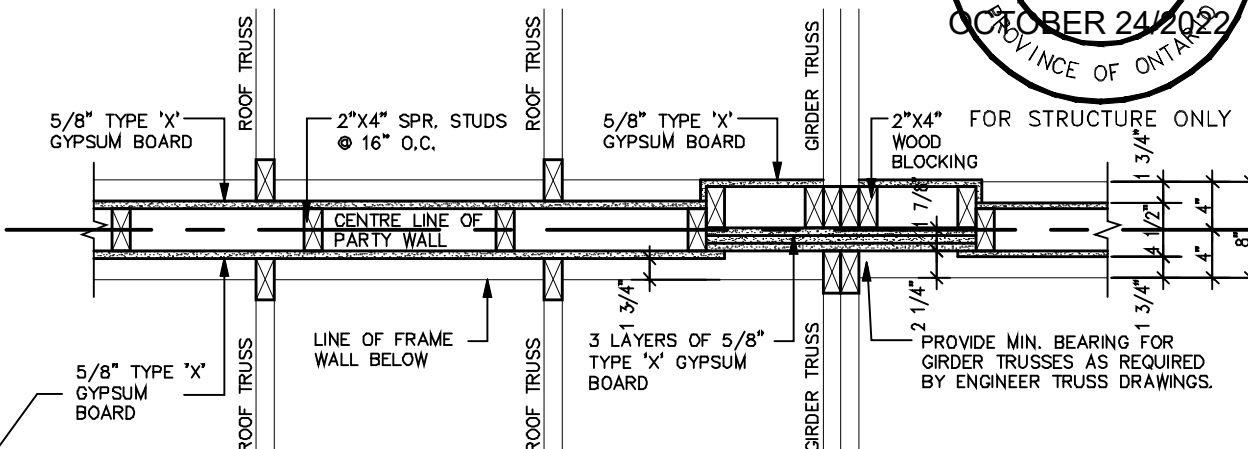
5/8" TYPE 'X' GYPSUM WALL BOARD

TOP OF PLATE

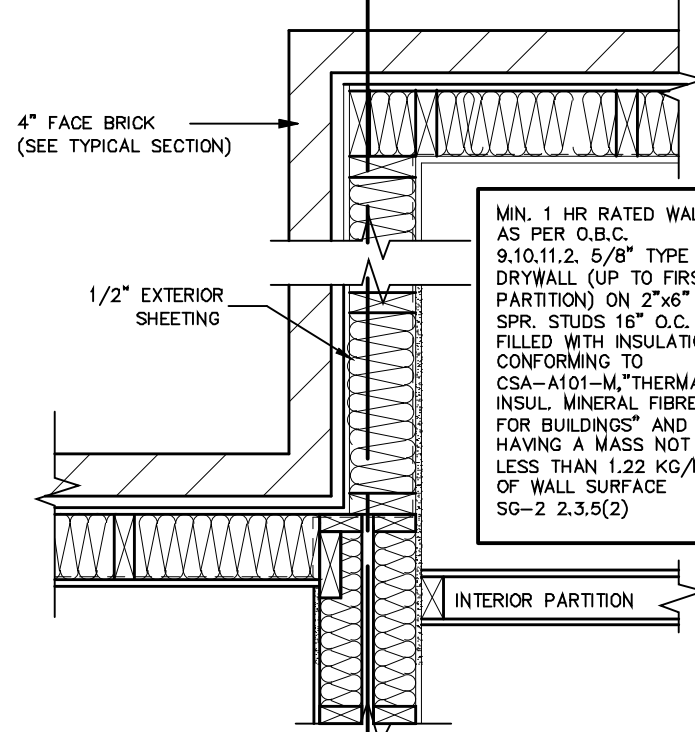
2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

3 ROWS (TOP, MIDDLE AND BOTTOM) OF 1"x4" STRAPPING TO RESTRAIN INSULATION FROM FALLING OUT.

SECTION @ FIRE SEPARATION IN ROOF SPACE
TRUSSES PARALLEL TO PARTY WALL



PLAN OF FIRE SEPARATION IN ROOF SPACE
TRUSSES PERPENDICULAR TO PARTY WALL



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)

WOOD FRAME PARTY WALL
TRUSSES PERPENDICULAR TO PARTY WALL

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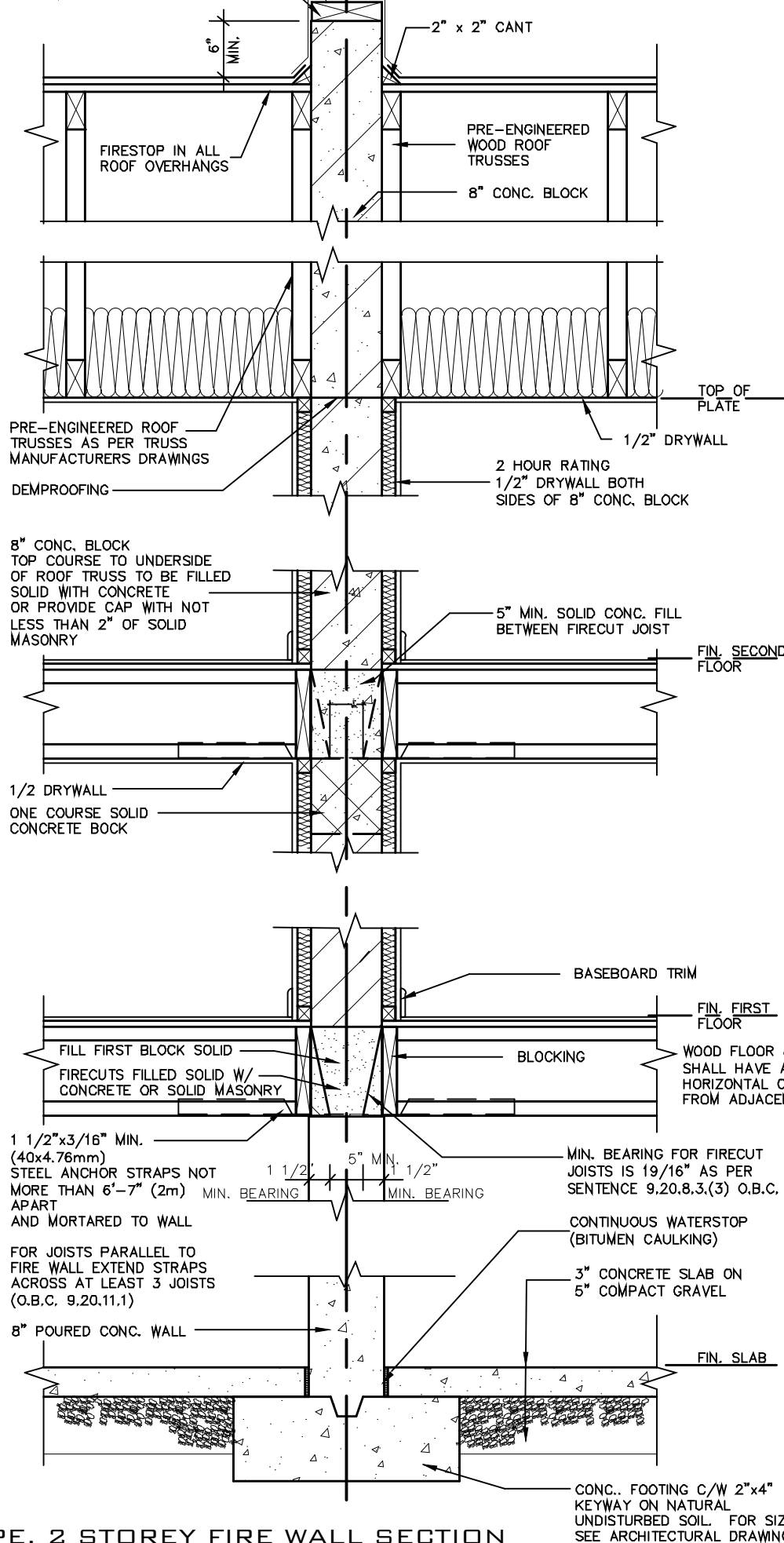
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jardin design group inc. 27763
FIRM NAME BCIN

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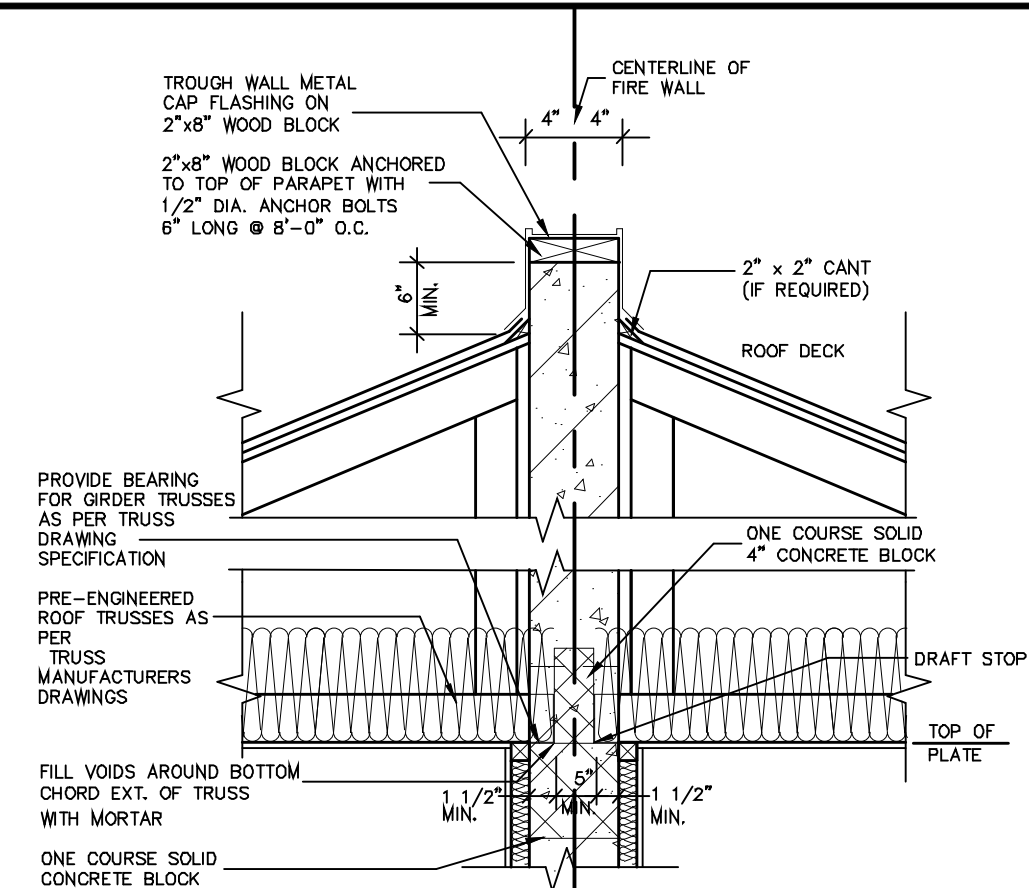
WOOD PARTY WALL
ZADORRA ESTATES CORP.
CITY OF OSHAWA

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

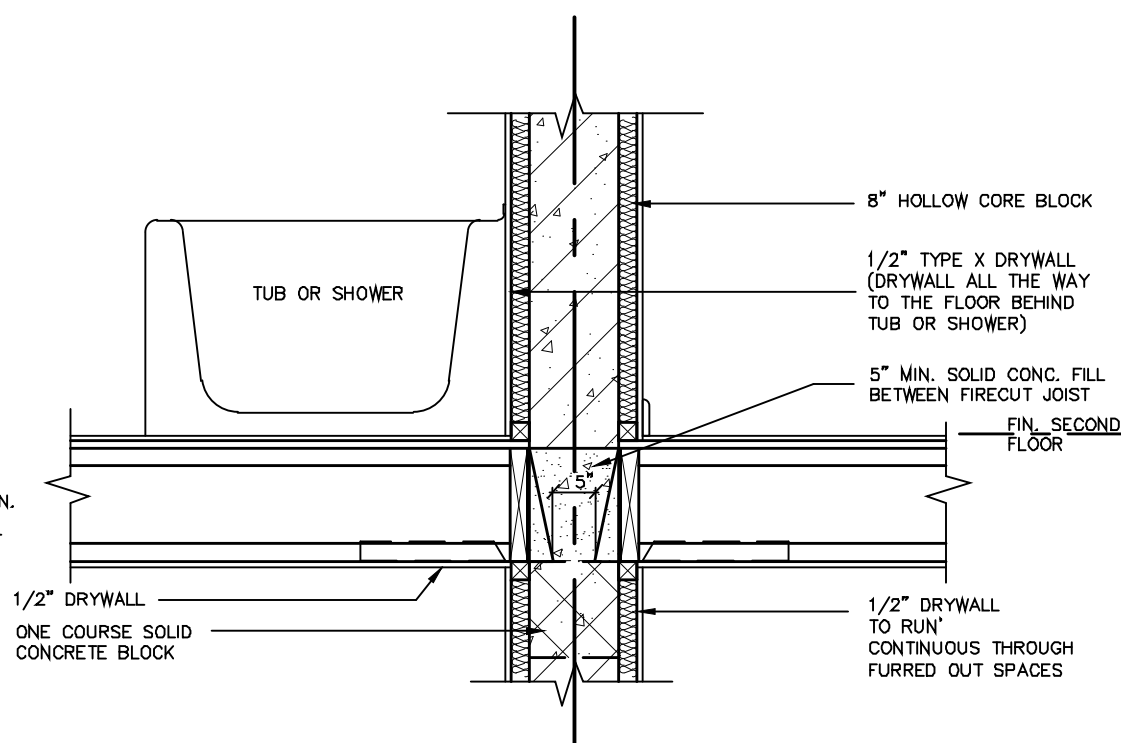
MHP 23023TROUGH WALL METAL
CAP FLASHING ON
2"x8" WOOD BLOCK2"x8" WOOD BLOCK ANCHORED
TO TOP OF PARAPET WITH
1/2" DIA. ANCHOR BOLTS
6" LONG @ 8'-0" O.C.

TYPE. 2 STOREY FIRE WALL SECTION
TRUSSES PARALLEL TO FIRE WALL

FIRE WALL SECTION - TRUSSES PERPENDICULAR



FIRE WALL SECTION @ BATH TUB



A FIREWALL SHALL EXTEND FROM THE GROUND CONTINUOUSLY THROUGH, OR ADJACENT TO, ALL STOREYS OF A BUILDING. (O.B.C. 3.1.10.3 (1))

ENGINEERED FLOOR SYSTEM INSTALLATION TO CONFORM TO MANUFACTURERS APPROVED DETAILS AND SPECIFICATIONS

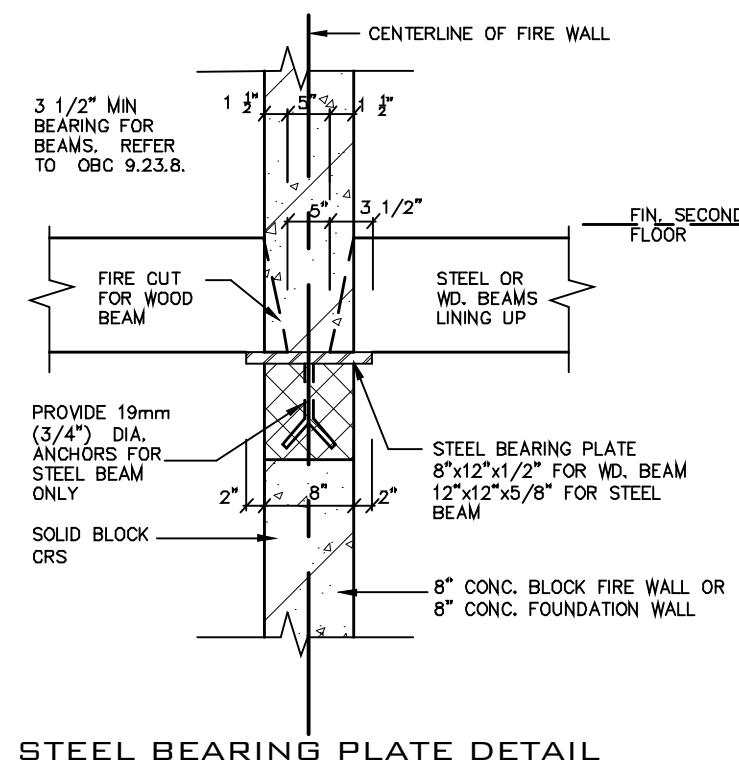
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RATING OF 50 (O.B.C. DIV. B 9.11.2.1(1))

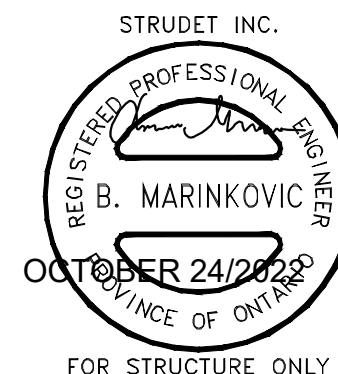
FIRE RESISTANCE RATING
FIRE RESISTANCE RATING REQUIRED IS 2 HR. MIN. (AS PER SENTENCE DIV. B 3.1.10.2 O.B.C.)

WALL TYPE
SEE SUPPLEMENTARY STANDARDS SB3 TABLE 1. (WALL NO. B6E) 8"(190MM) CONCRETE BLOCK WALL: WITH 1 1/2" x 1 1/2" STRAPPING & 1/2" DRYWALL FILLED W/ SOUND ABSORPTIVE MATERIAL EACH SIDE. (FRR 2H)(STC 57)



STEEL BEARING PLATE DETAIL

2012
PACKAGE 'A1'



FOR STRUCTURE ONLY

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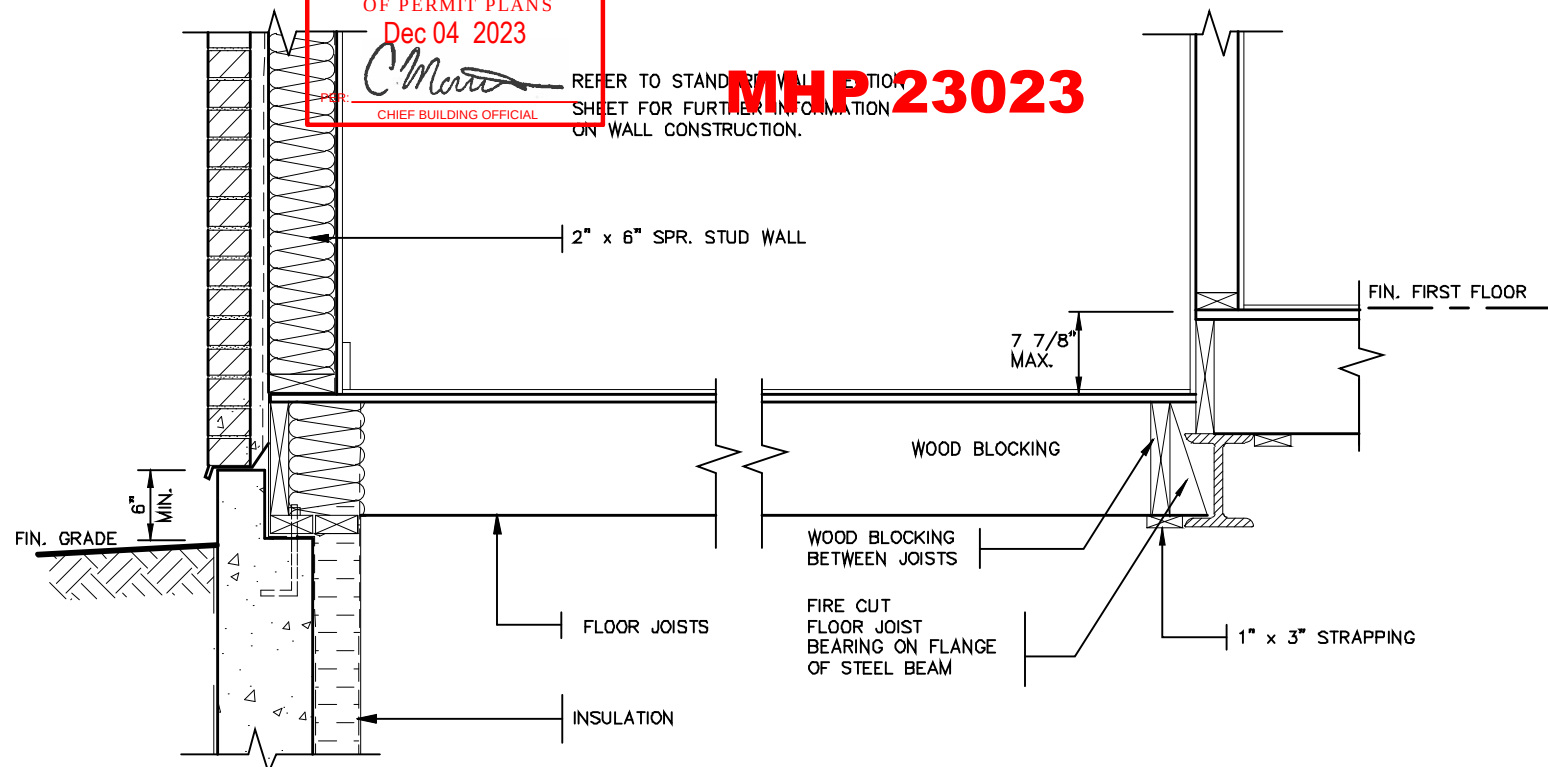
2012 CODE

FIREWALL

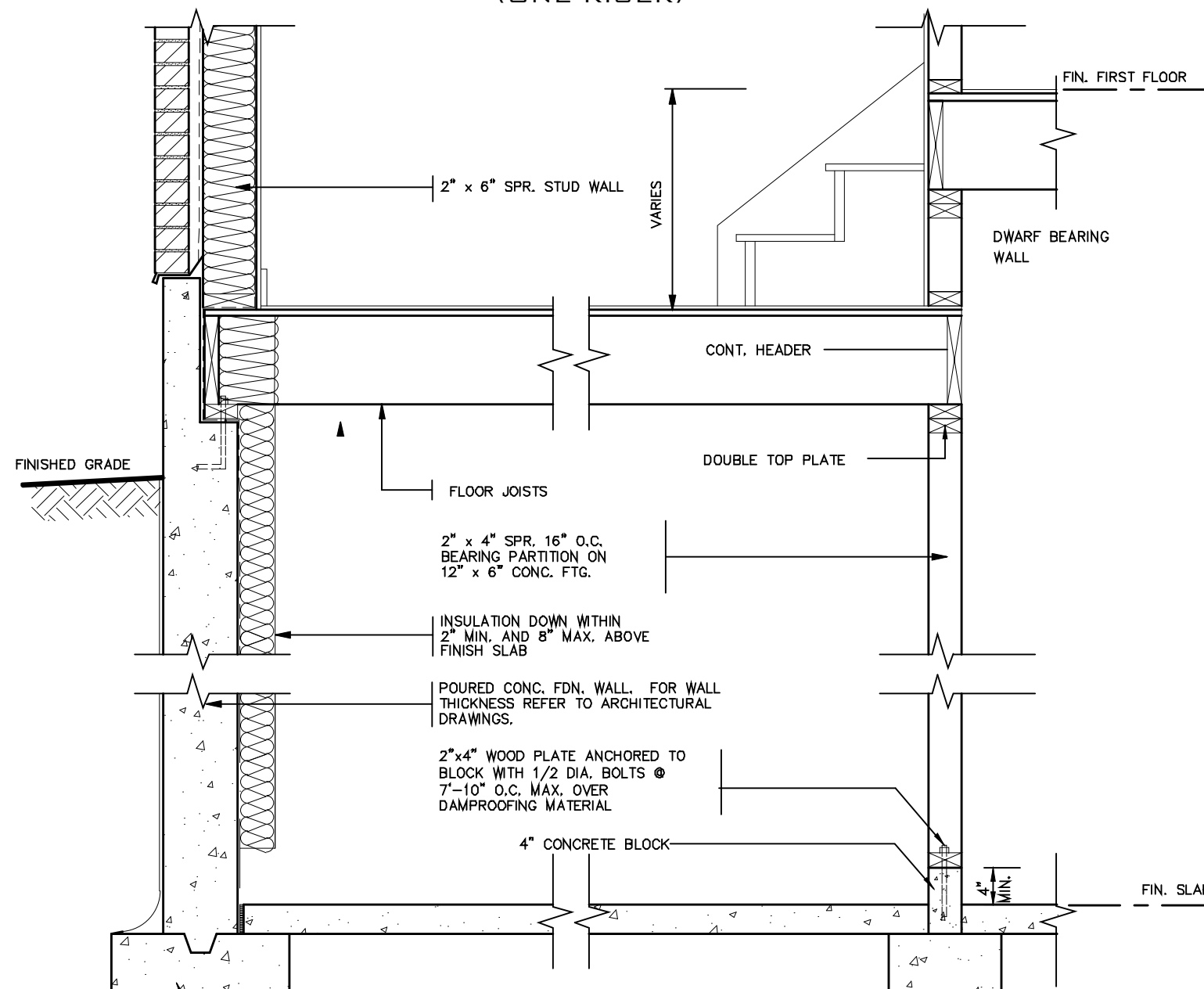
ZADORRA ESTATES CORP.
CITY OF OSHAWA



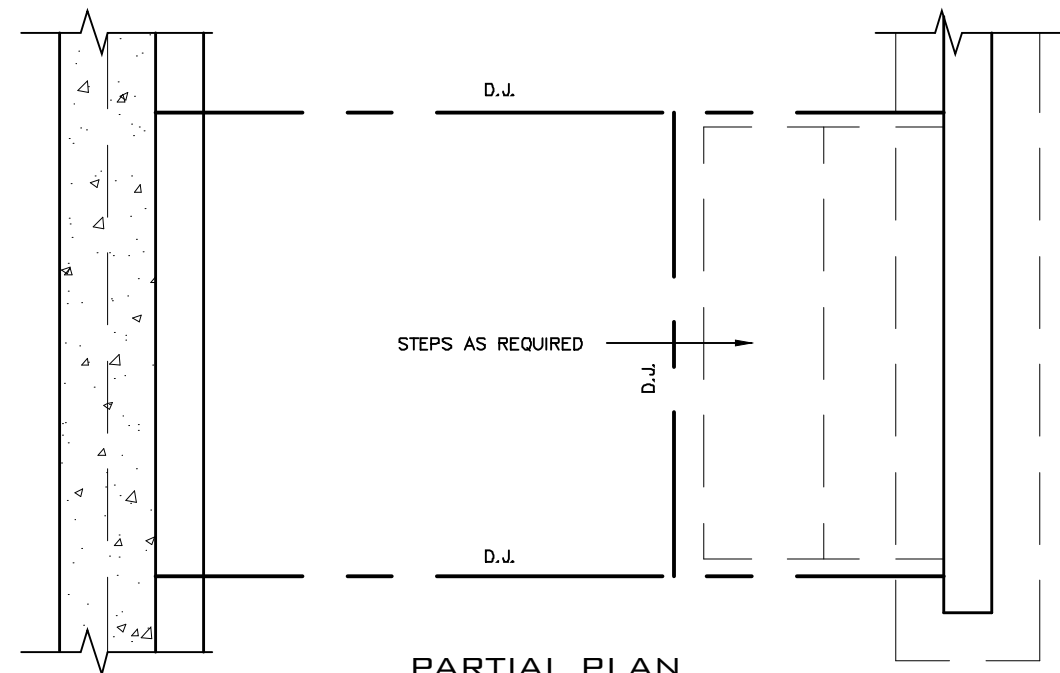
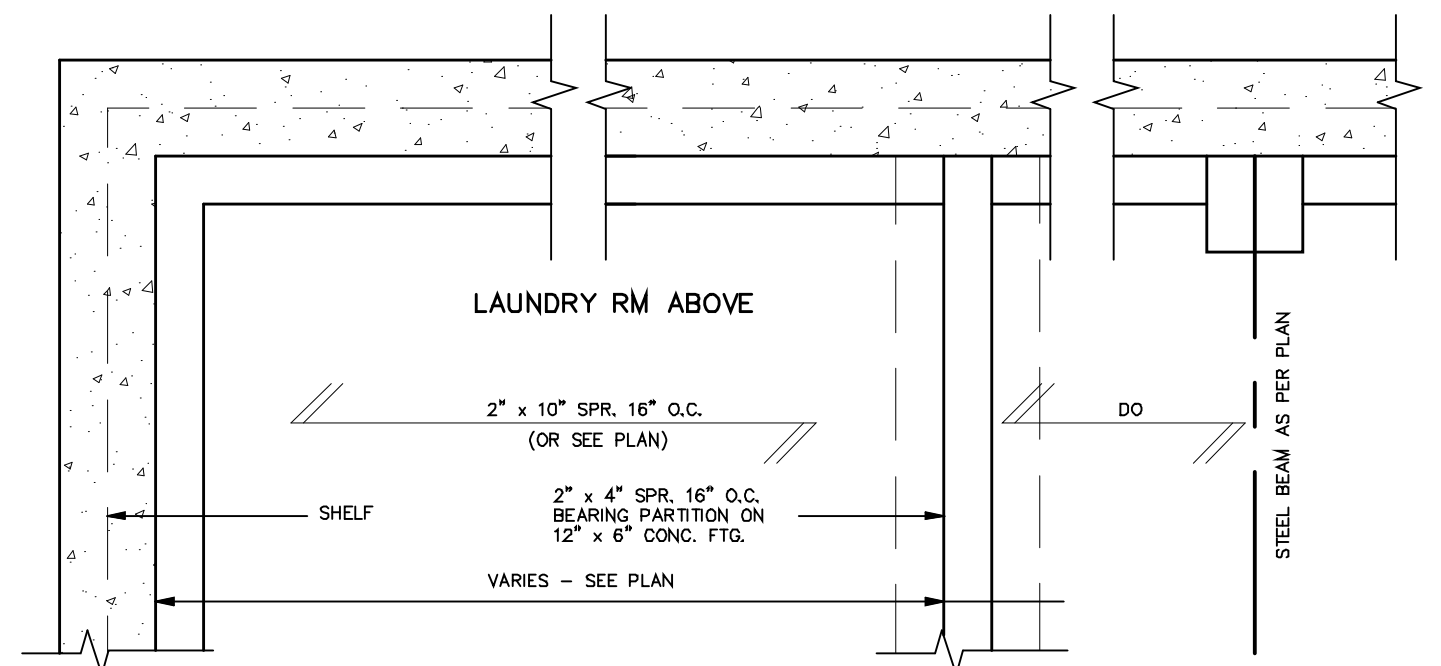
MODEL NAME T	---
SCALE: 3/4"=1'-0"	
PROJ. No. 21-35	DWG. No. 4A



DETAIL OF SUNKEN LAUNDRY
(ONE RISER)



DETAIL OF SUNKEN LAUNDRY
(MORE THAN ONE RISER)



PARTIAL PLAN

STRUDET INC.



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.

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

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.

THIS DRAWING IS AN INSTRUMENT OF SERVICE, IS PROVIDED BY AND IS THE PROPERTY OF JARDIN DESIGN GROUP INC. THIS DRAWING IS NOT TO BE REPRODUCED.

7		
6		
5		
4		
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.

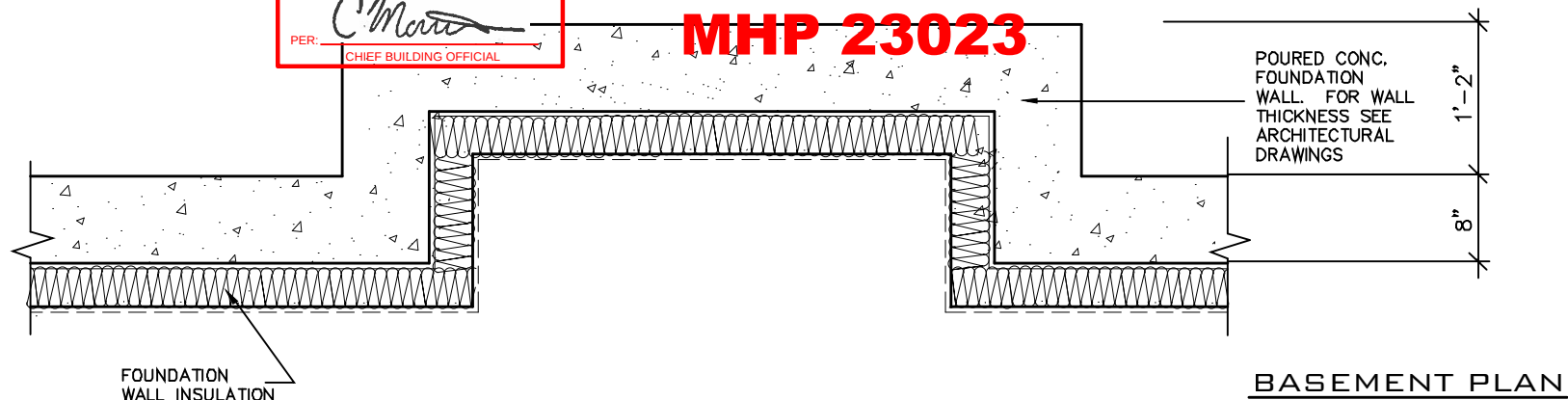
jardin design group inc. 27763
FIRM NAME BCIN

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

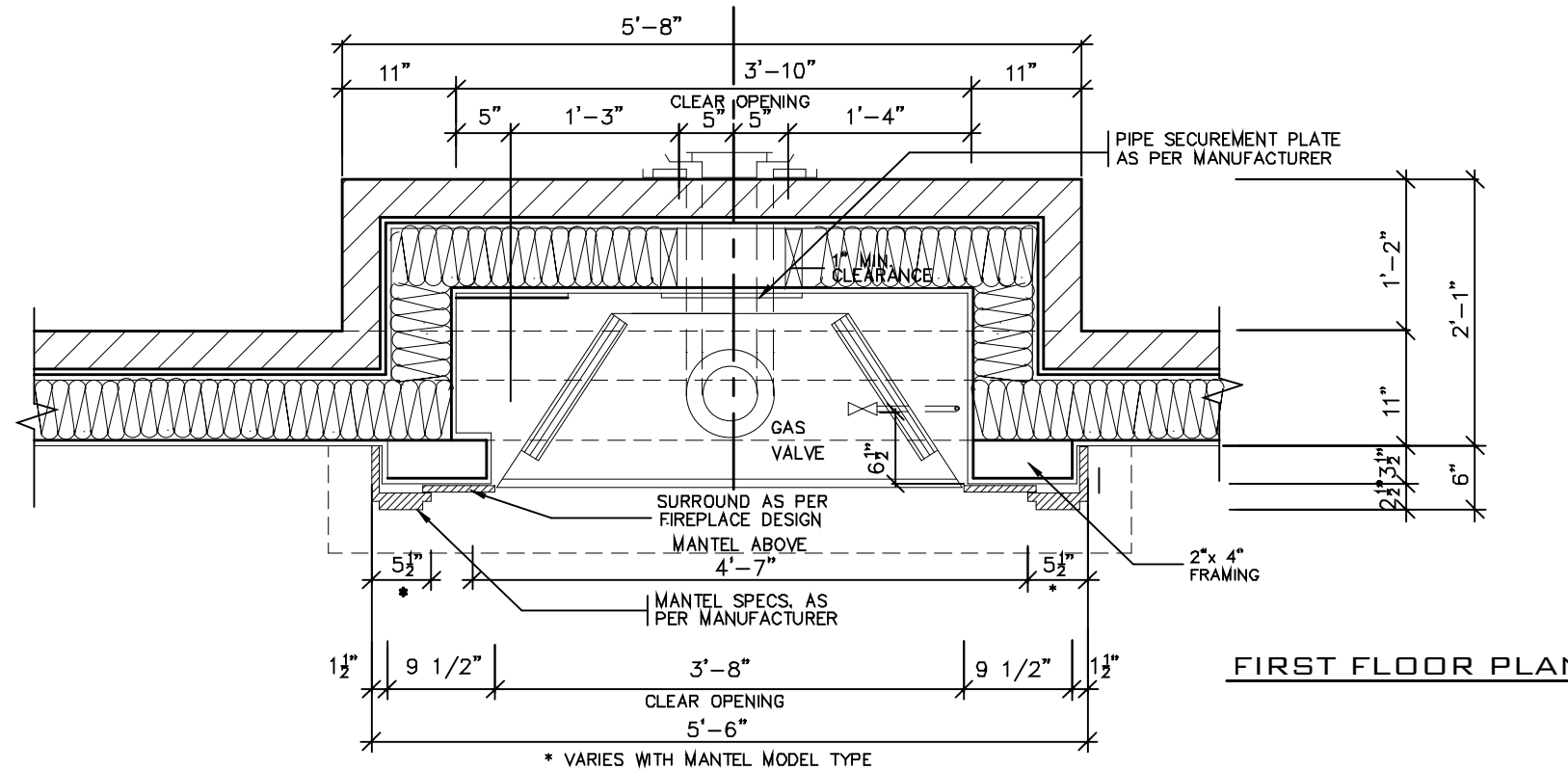
SUNKEN LAUNDRY
ZADORRA ESTATES CORP.
CITY OF OSHAWA

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

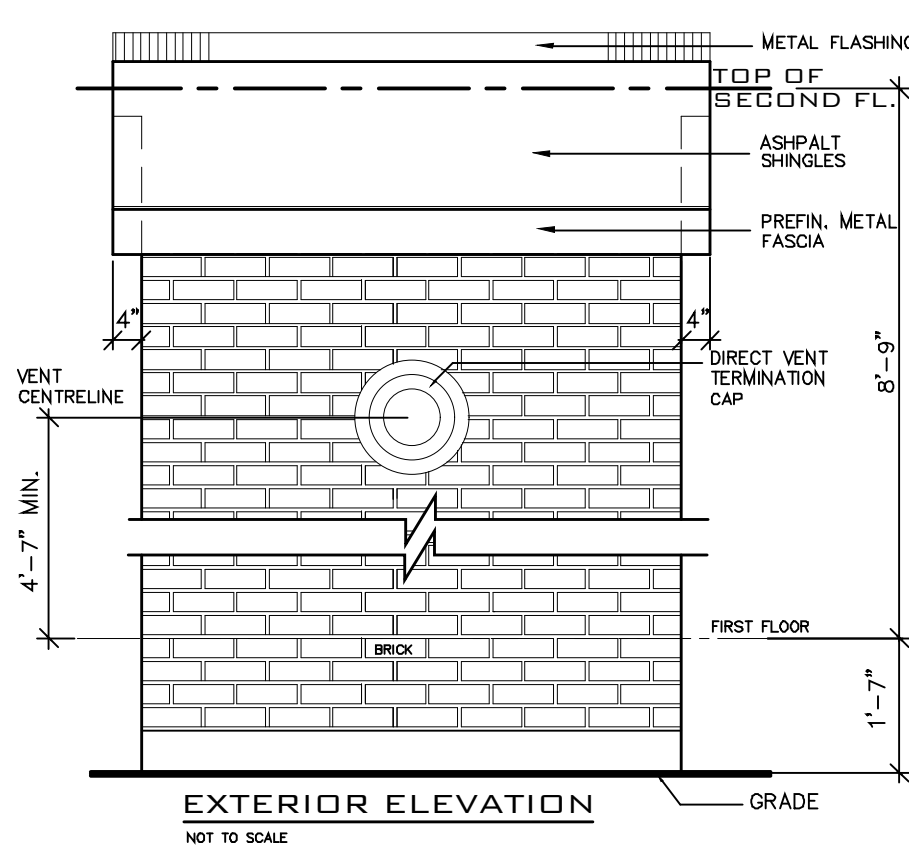
CORPORATION OF THE CITY OF OSHAWA
TRUE COPY
OF PERMIT PLANS
Dec 04 2023
PER: 
CHIEF BUILDING OFFICIAL



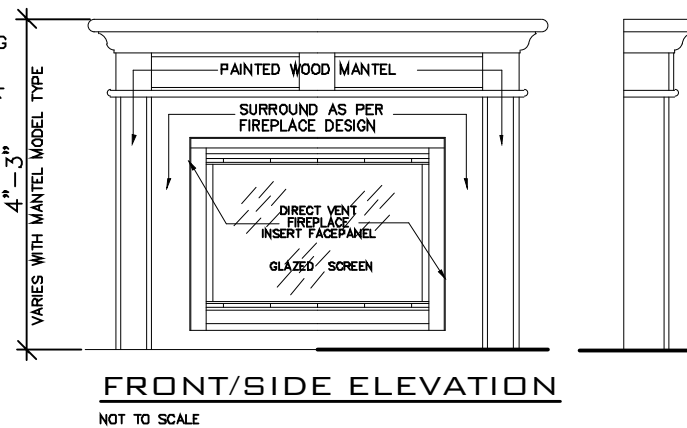
BASEMENT PLAN



FIRST FLOOR PLAN



EXTERIOR ELEVATION
NOT TO SCALE

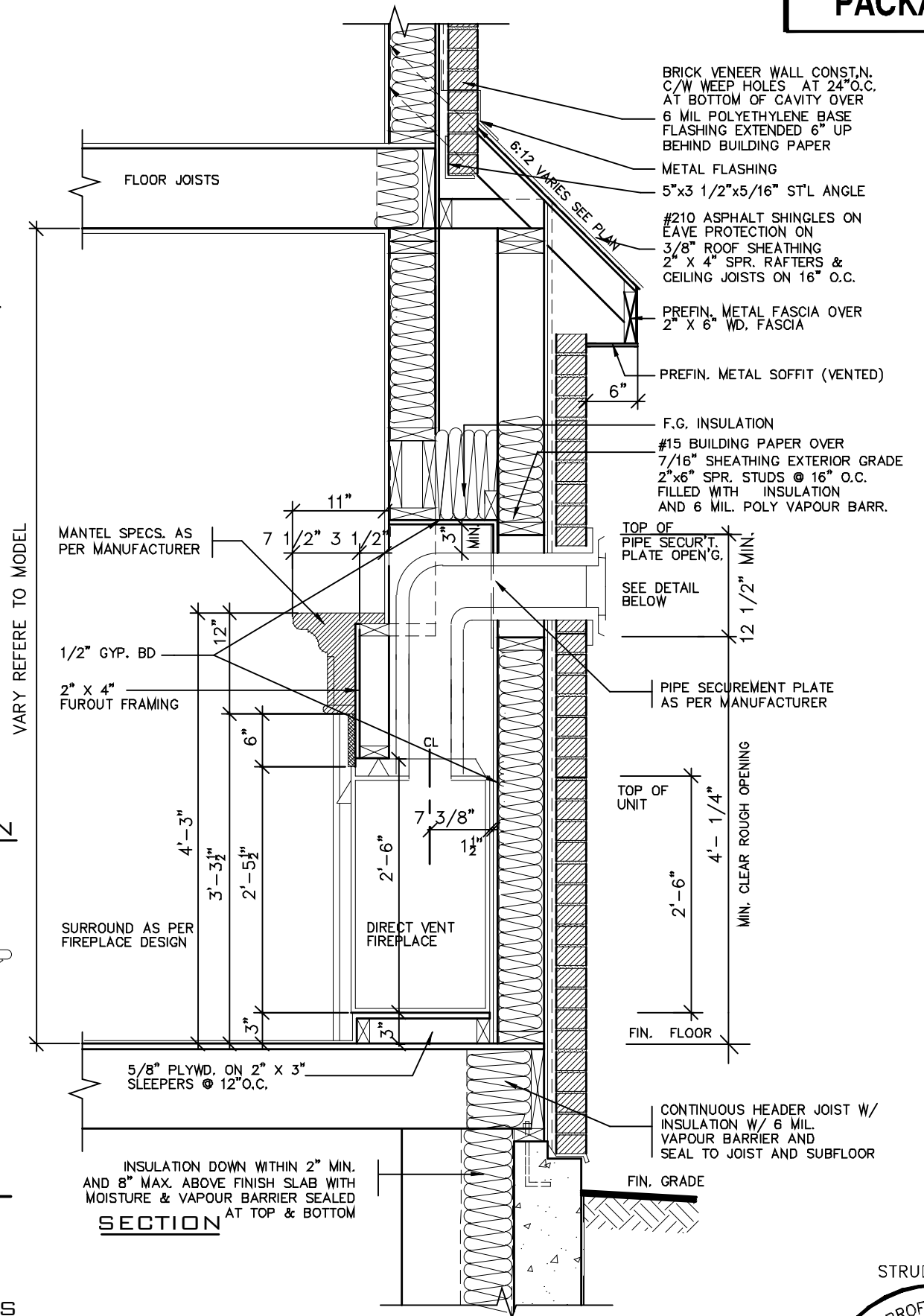


FRONT/SIDE ELEVATION

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-8149.1 & 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.



SECTION

STRUDET INC.



FOR STRUCTURE ONLY

2012 CODE

DIRECT VENT FIREPLACE
ZADORRA ESTATES CORP.
CITY OF OSHAWA



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

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

JARDIN DESIGN GROUP INC. IS NOT RESPONSIBLE FOR THE ACCURACY OF SURVEY, STRUCTURAL OR ENGINEERING INFORMATION SHOWN ON THESE DRAWINGS OR FOR CONSTRUCTION SCHEDULED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT. REFER TO THE APPROPRIATE ENGINEERING DRAWINGS BEFORE PROCEEDING WITH WORK.

AS CONTRACTED, INVERTS MUST BE VERIFIED PRIOR TO POURING FOOTINGS.

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

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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

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 3.2.4 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

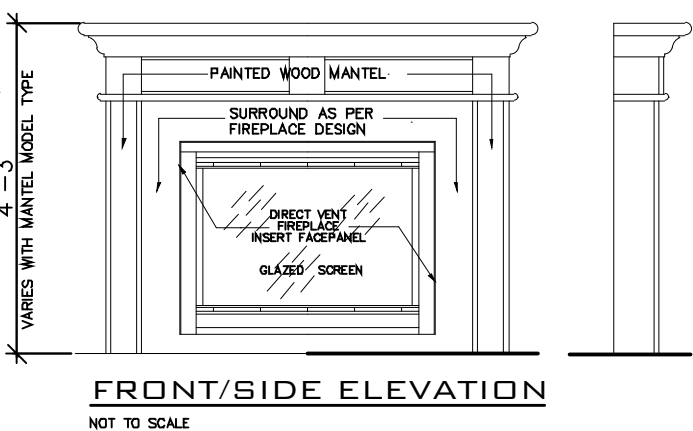
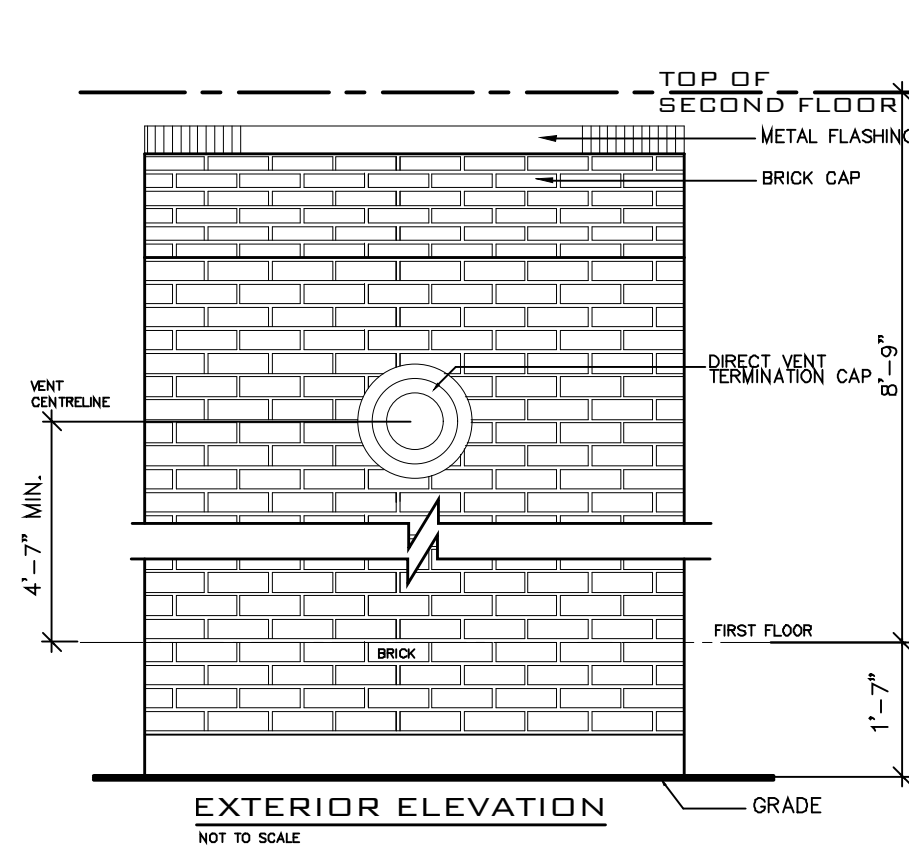
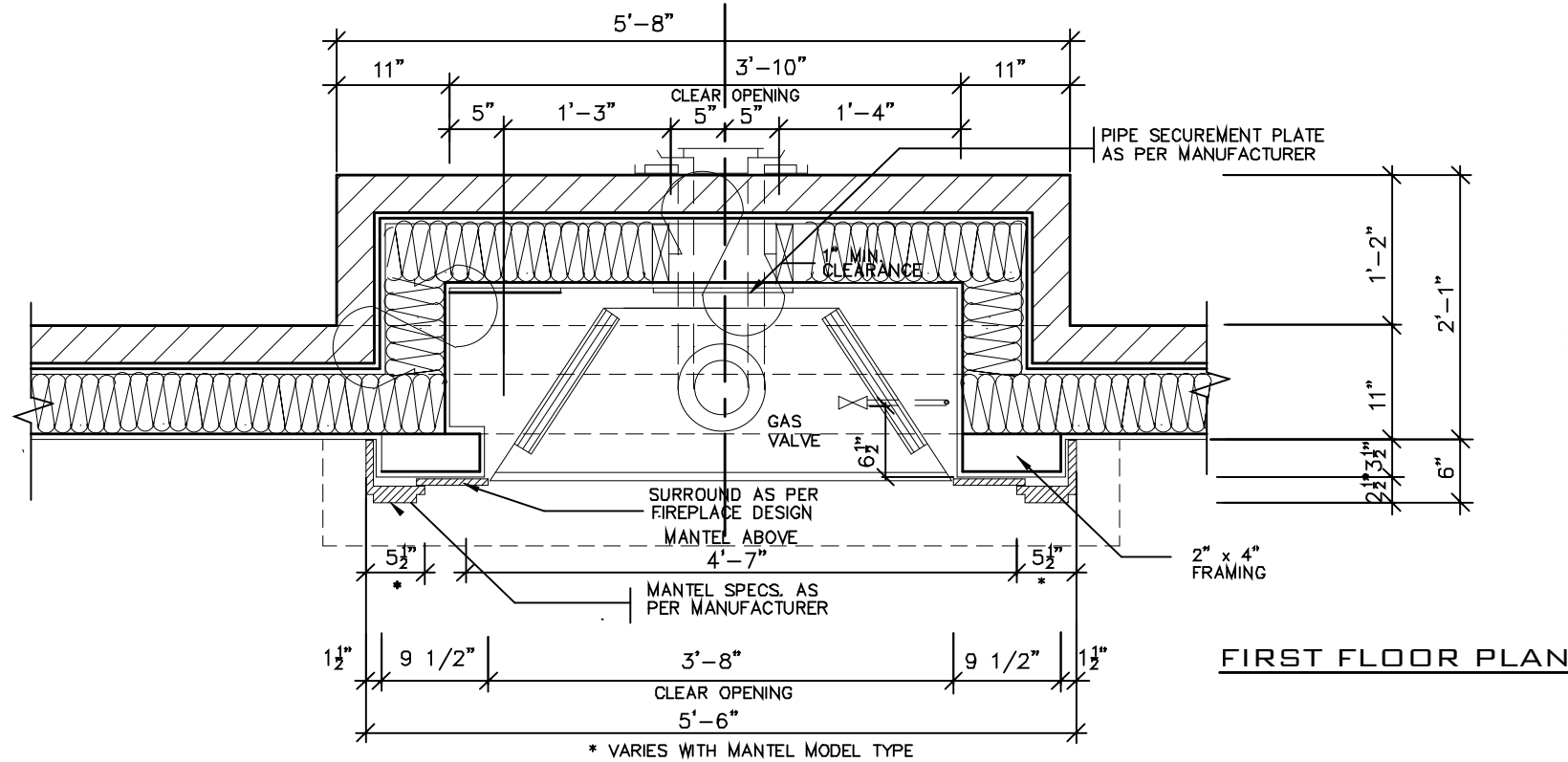
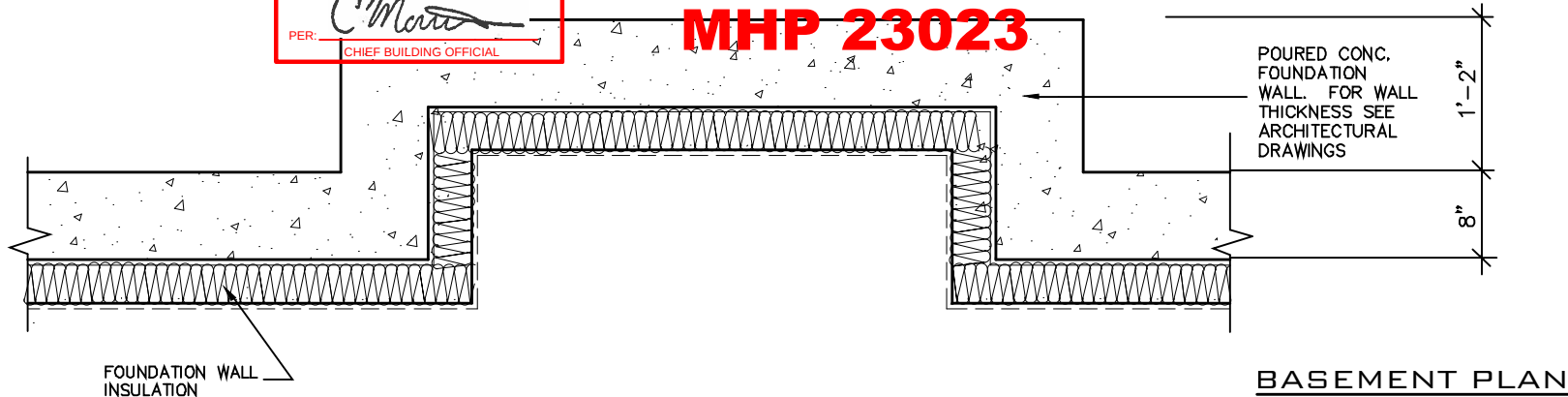
jardin
DESIGN GROUP INC
64 JARDIN DR. SUITE 3A
VAUGHAN ONT. L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

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

CORPORATION OF THE CITY OF OSHAWA
TRUE COPY
OF PERMIT PLANS
Dec 04 2023
PER: *Chief Building Official*
CHIEF BUILDING OFFICIAL

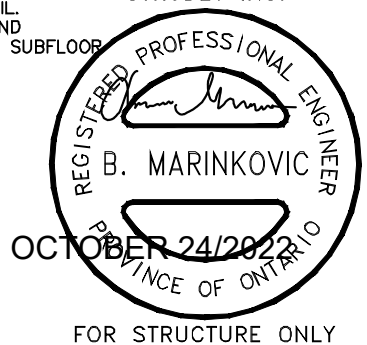
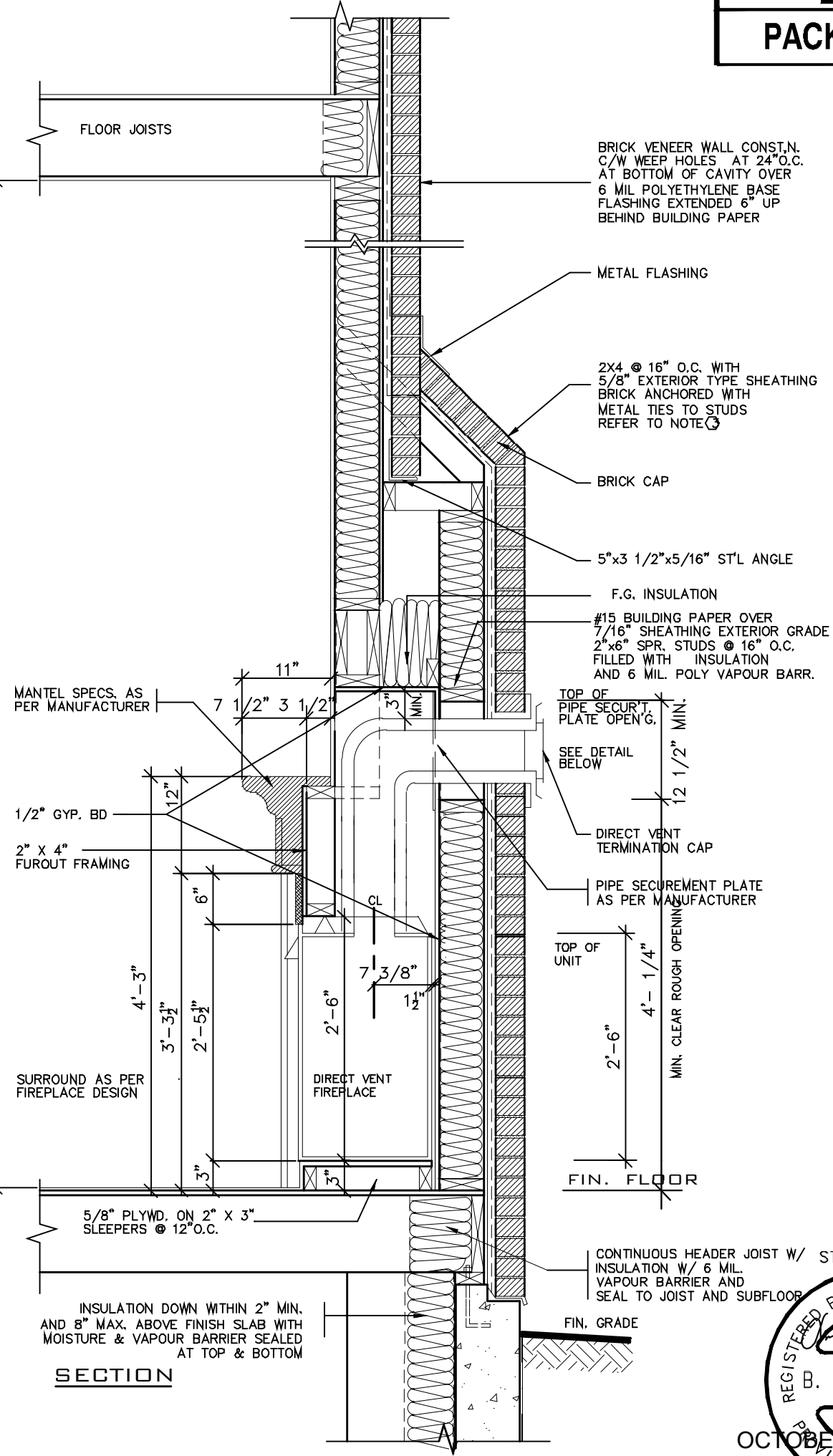
MHP 23023

2012
PACKAGE 'A1'



- 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"
 - 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.

VARY REFERENCE TO MODEL



FOR STRUCTURE ONLY

2012 CODE

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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:

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QUALIFICATION INFORMATION
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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.

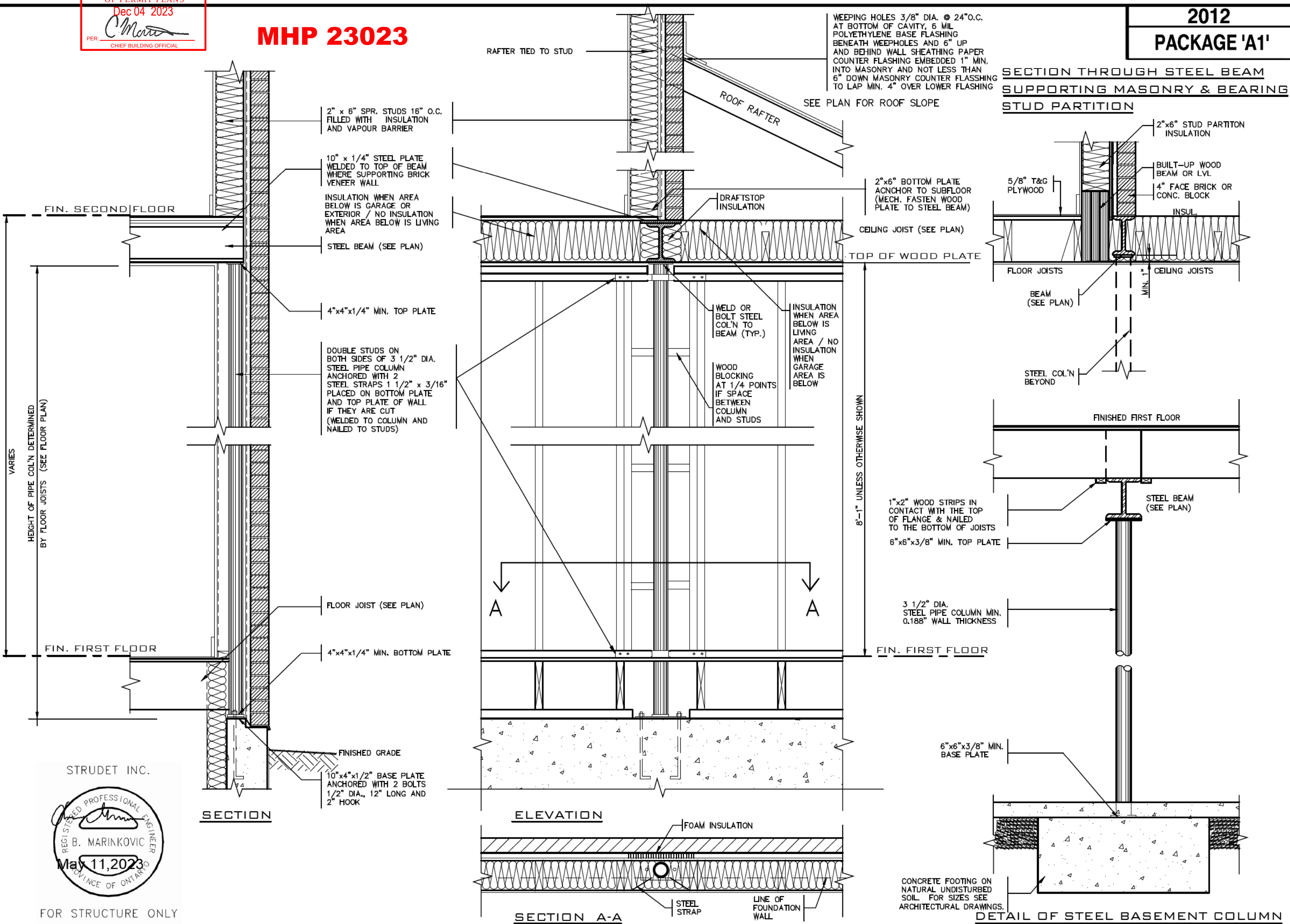
jardin design group inc. 27763
FIRM NAME BCIN

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

DIRECT VENT FIREPLACE WITH BRICK CAP			
ZADORRA ESTATES CORP. CITY OF OSHAWA			
	MODEL NAME	T	
	SCALE:	3/4"=1'-0"	
	PROJ. No.	21-35	DWG. No.
			6-1

MHP 23023

2012
PACKAGE 'A1'



STRUDET INC.



FOR STRUCTURE ONLY

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7		
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3	MAY 11, 2023	REV. ST. STRAP NOTE WITH 2 STRAPS WELDED TO COL. AT BOTTOM & TOP PL.
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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Walter Botter *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

ST. COLUMN DETAILS

ZADORRA ESTATES CORP.
CITY OF OSHAWA

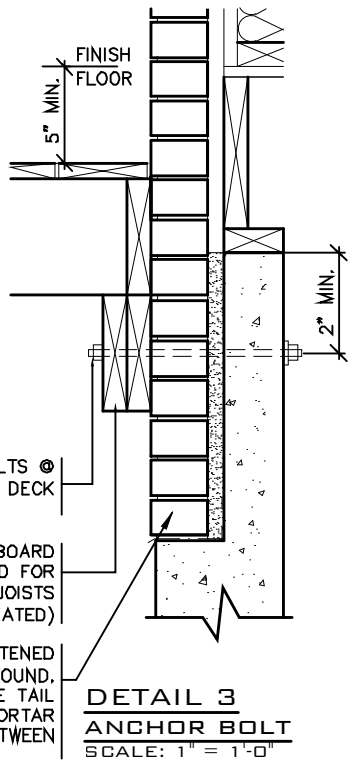
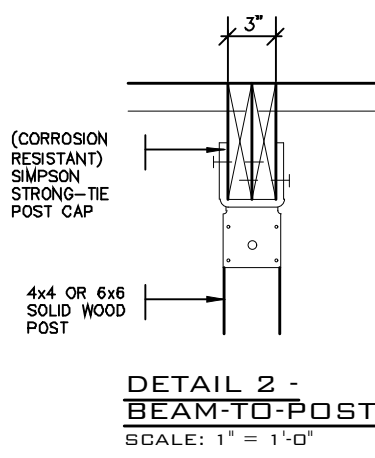
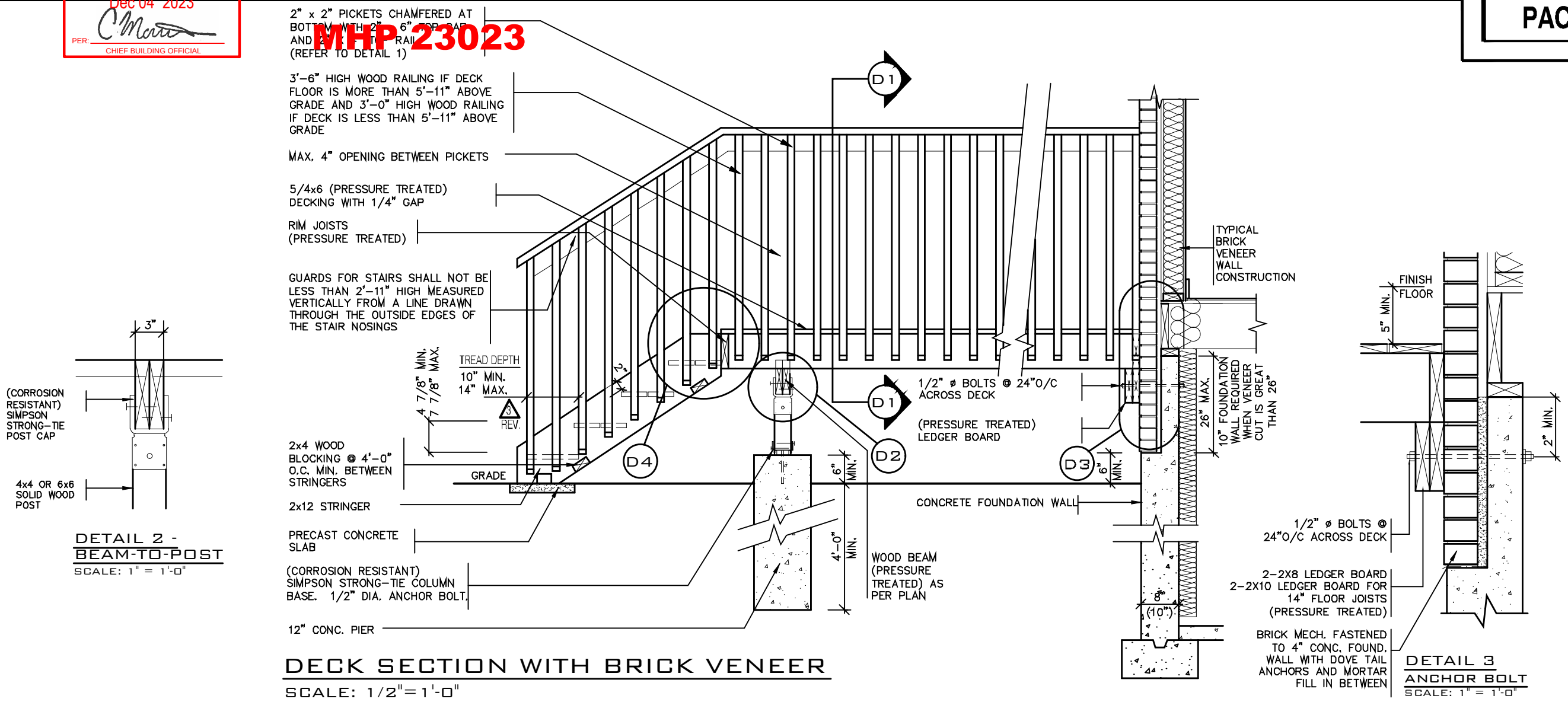
MODEL NAME
T

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

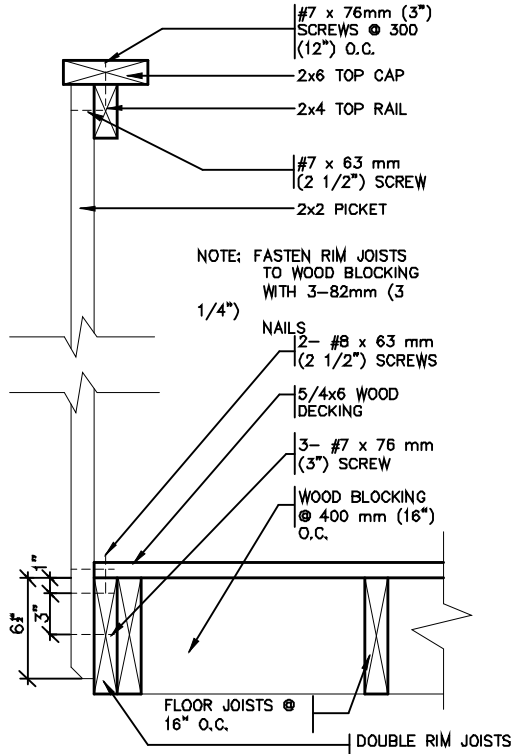
PROJ. No.
21-35

DWG. No.
7

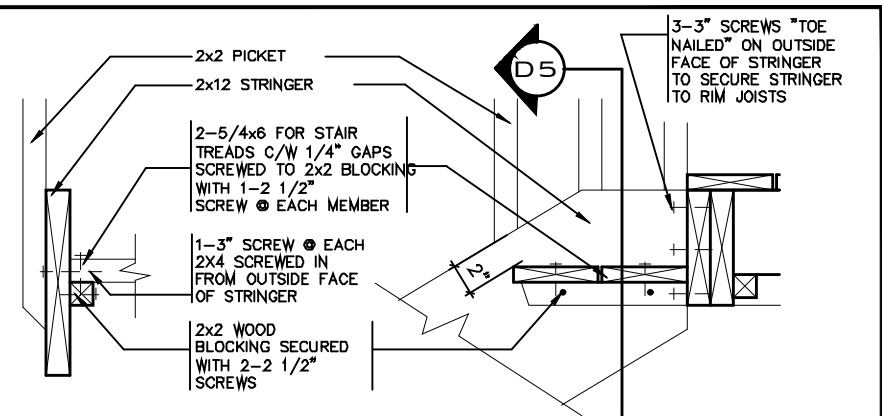
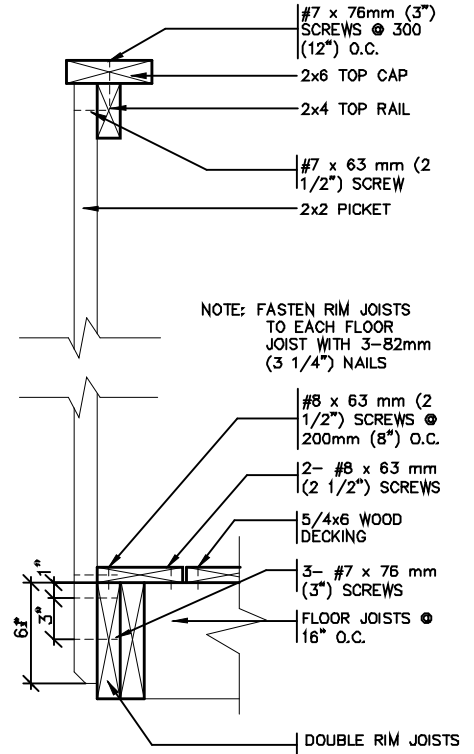
MHP 23023



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



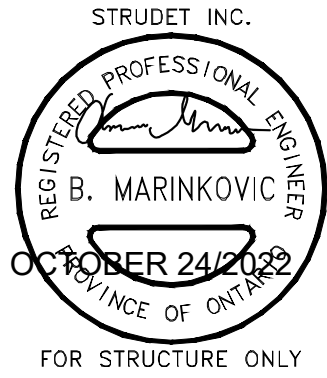
GUARD PERPENDICULAR
TO FLOOR JOISTS
SCALE: 1" = 1'-0"



DETAIL 5
SECTION THROUGH
STAIR STRINGER
SCALE: 1" = 1'-0"

DETAIL 4
SECTION @ TREAD AND
STRINGER SECUREMENT
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 ENTRAINMENT.
 - FOOTING TO BE PLACED ON UNDISTURBED SOIL WITH MIN. BEARING PRESSURE OF 150kPa [3130psf].



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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:		

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

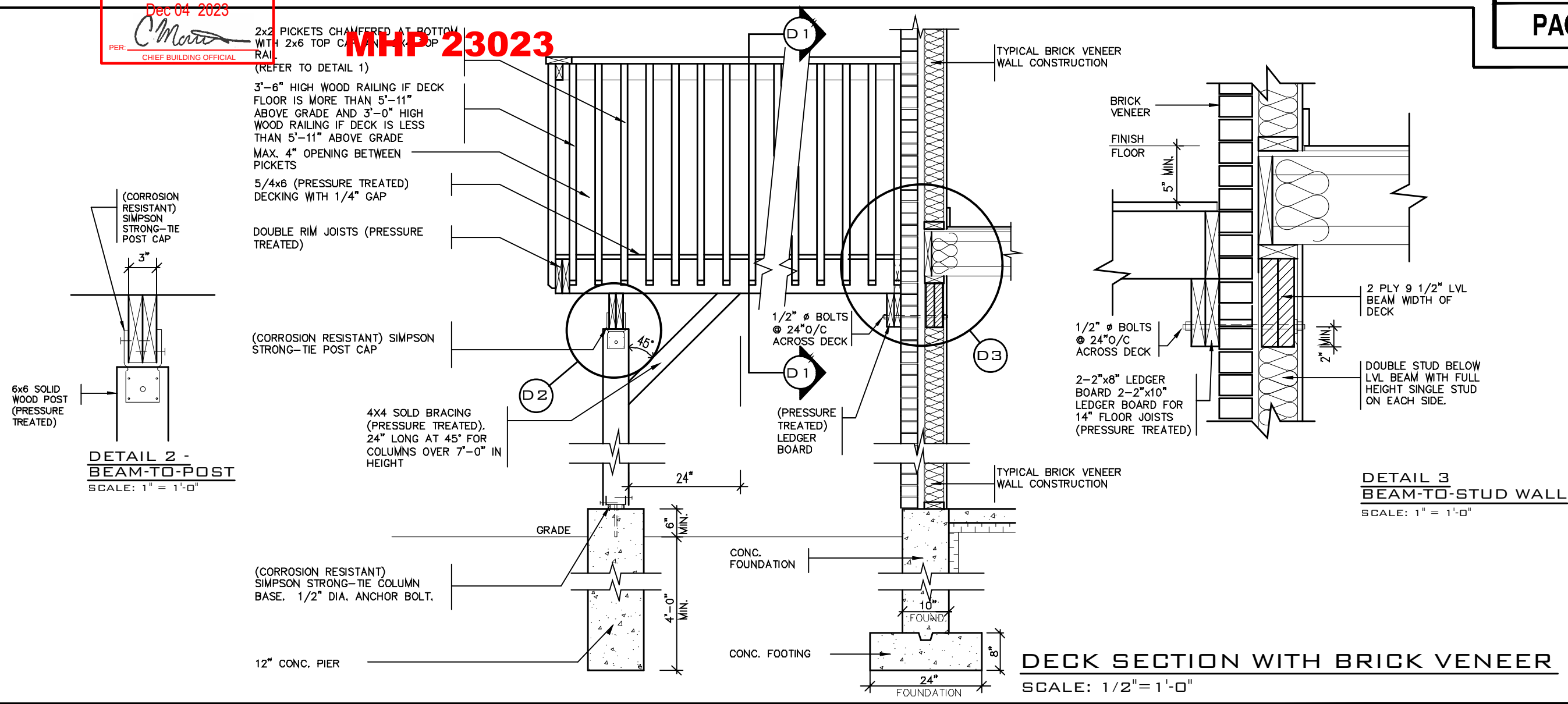
REGISTRATION INFORMATION
Required unless design is exempt under Division C, Subsection 3.2.4 of the building code.

jardin design group inc. 27763
FIRM NAME BCIN

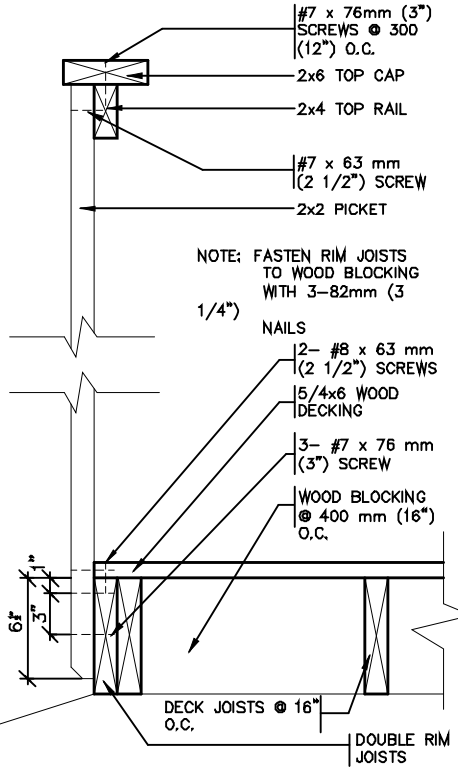
jardin
DESIGN GROUP INC
64 JARDIN DR, SUITE 3A
VAUGHAN ONT. L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

WOOD DECK DETAIL			
ZADORRA ESTATES CORP. CITY OF OSHAWA			
	MODEL NAME	T	
	SCALE:	AS SHOWN	
	PROJ. No.	21-35	DWG. No.
			8

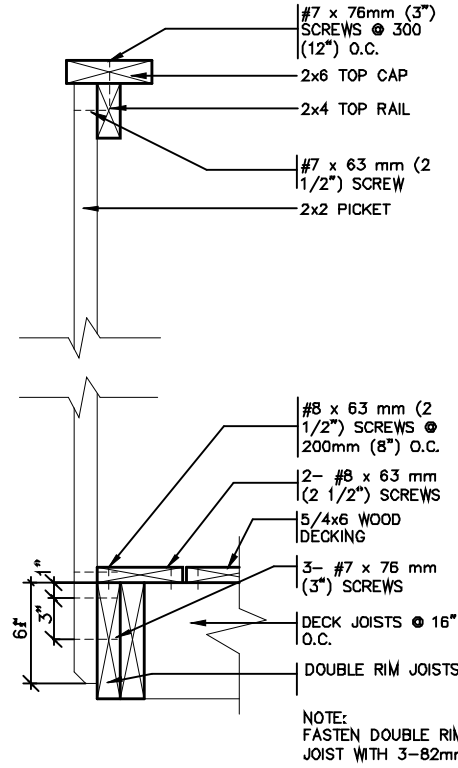
MHP 23023



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

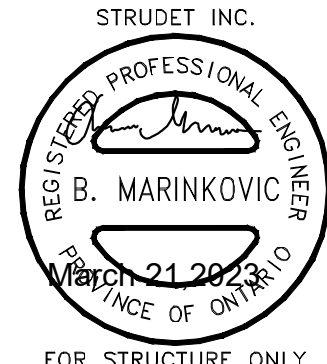


GUARD PERPENDICULAR TO FLOOR JOISTS
SCALE: 1" = 1'-0"



GENERAL NOTES

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].



FOR STRUCTURE ONLY

2012 CODE

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7		
6		
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4		
3	MAR. 20, 2022	REV. DECK ADDING 2 PLY 9 1/2" LVL BEAM WIDTH OF DECK
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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Walter Botter *Walter Botter* 21031
NAME SIGNATURE BCIN

REGISTRATION INFORMATION
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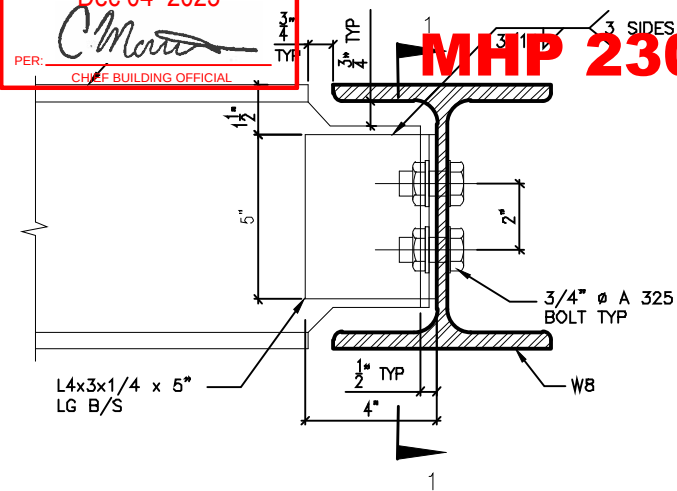
jardin design group inc. 27763
FIRM NAME BCIN

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

WALK-OUT DECK DETAIL			
ZADORRA ESTATES CORP. CITY OF OSHAWA			
	MODEL NAME	T	
	SCALE:	AS SHOWN	
	PROJ. No.	21-35	DWG. No.
			8-1

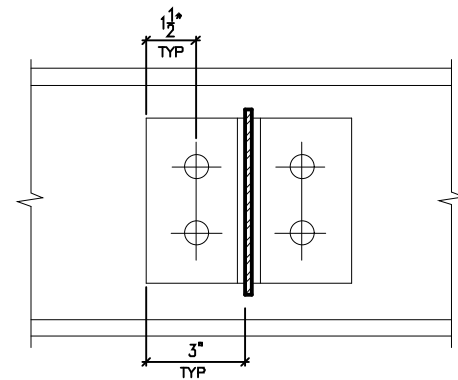
CORPORATION OF THE CITY OF OSHAWA
TRUE COPY
OF PERMIT PLANS
Dec 04 2023
PER: *Chief Building Official*
CHIEF BUILDING OFFICIAL

MHP 23023

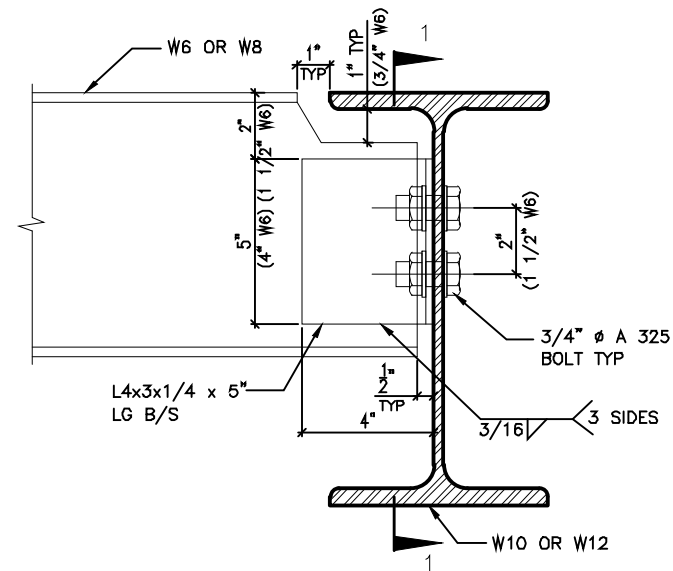


DETAIL 1.

W8
TO
W8
CONNECTION

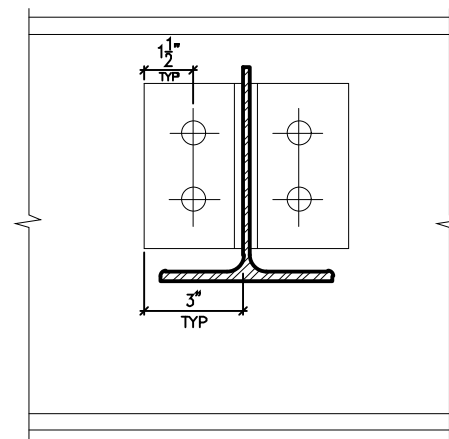


SECTION 1-1

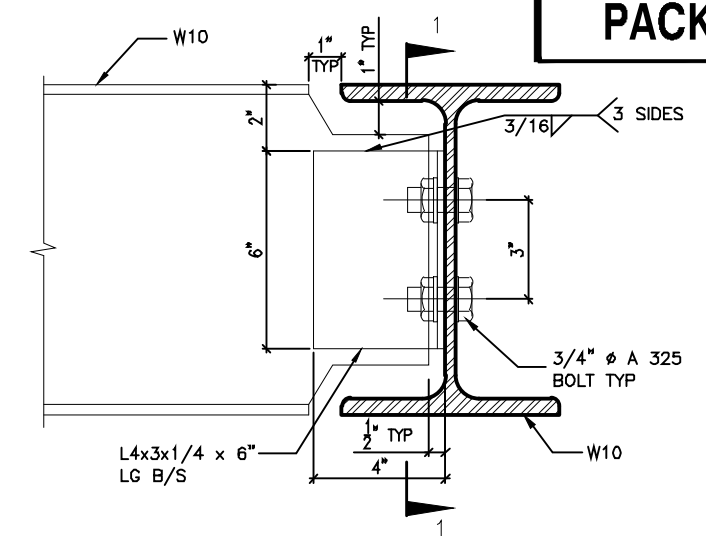


DETAIL 2.

W6(W8)
TO
W10(W12)
CONNECTION

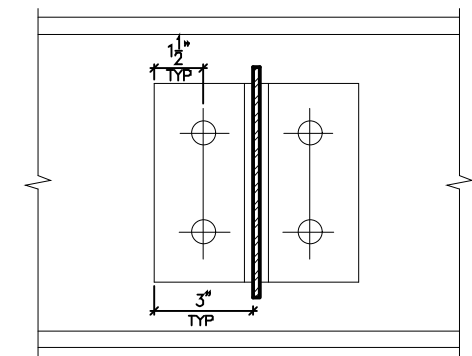


SECTION 1-1

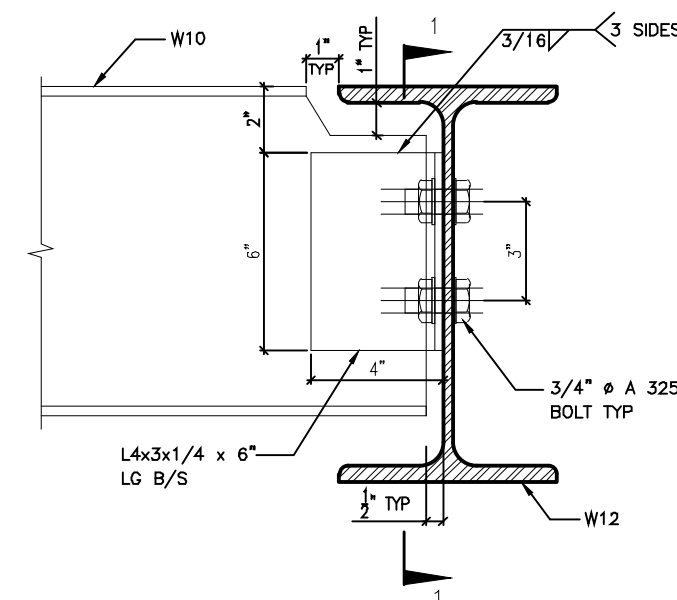


DETAIL 3.

W10
TO
W10
CONNECTION

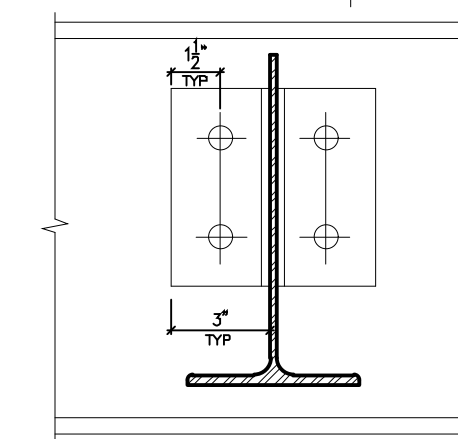


SECTION 1-1

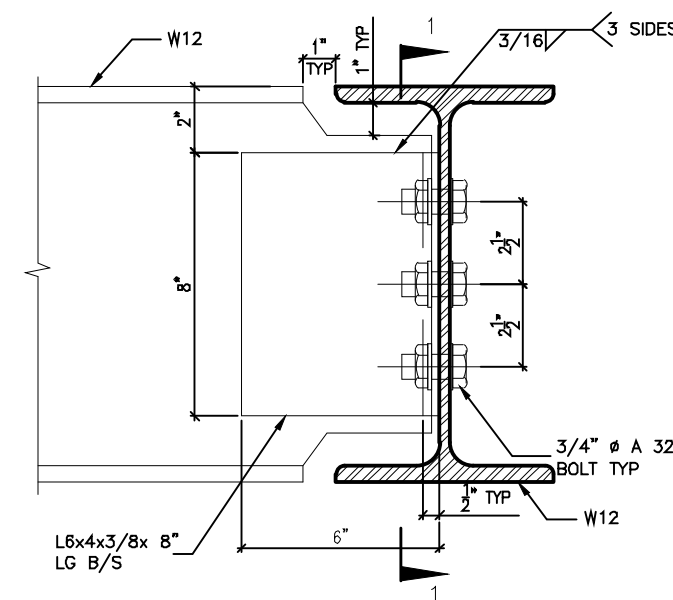


DETAIL 4.

W10
TO
W12
CONNECTION

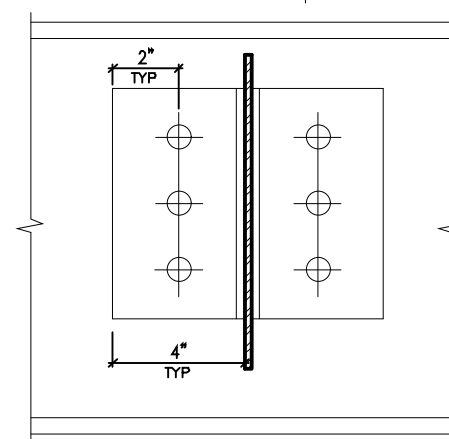


SECTION 1-1

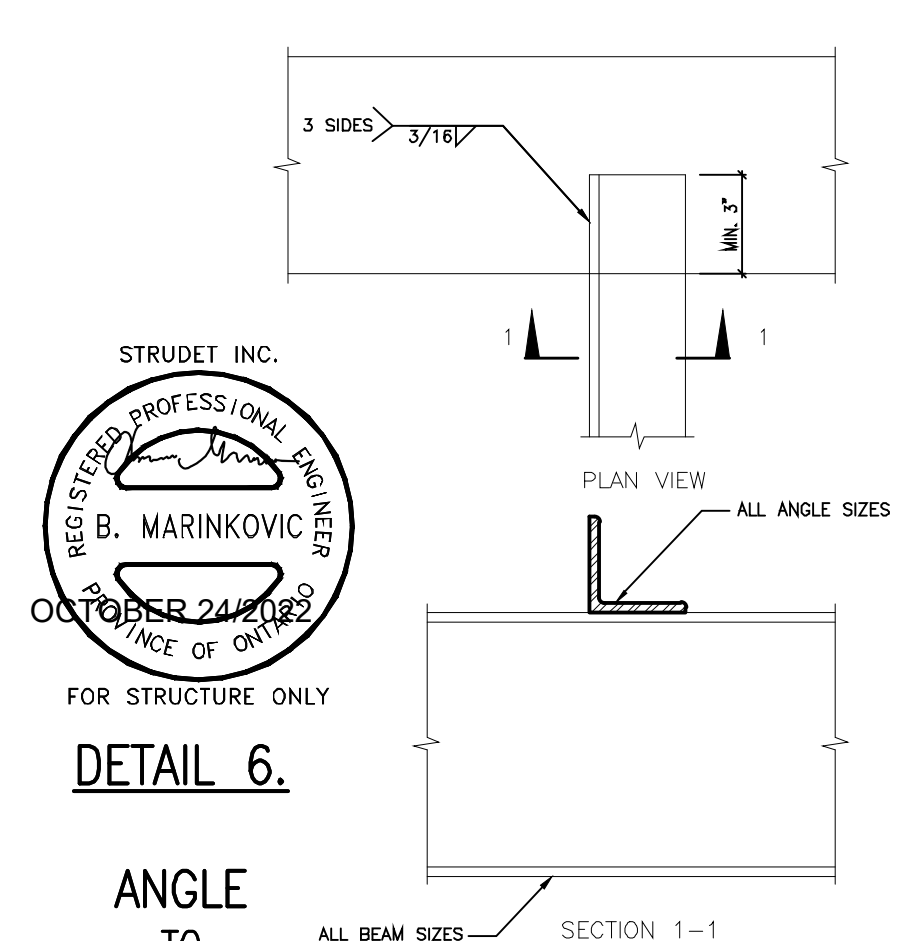


DETAIL 5.

W12
TO
W12
CONNECTION



SECTION 1-1



STRUDET INC.



FOR STRUCTURE ONLY

DETAIL 6.

ANGLE
TO
BEAM
CONNECTION

2012 CODE

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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:		

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

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
ZADORRA ESTATES CORP.
CITY OF OSHAWA



MODEL NAME	T	----
SCALE:	N.T.S.	
PROJ. No.	21-35	DWG. No.
		9

12" SOLID BLOCKING
CENTERED AT 36"
ABOVE FINISHED FLOOR
BOTH SIDES OF DOOR JAMB

3'-0"

WOOD STUDS OR METAL STUDS

2x8 WOOD BLOCKING BETWEEN WALL STUDS

35" LONG MIN. GRAB BAR

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

TUB

1'-8" MAY VARY

4"

2'-9" MIN. / 3'-0" MAX.

5'-0" MAY VARY

Technical drawing of a wall section showing framing details. The drawing includes labels for "SIDES (TYP.) 4-3 1/2" SPIRAL NAILS BOTH", "2x8 WOOD BLOCKING BETWEEN WALL STUDS", "WOOD STUDS OR METAL STUDS", and "3'-2" T/O 2x8 WOOD BLOCKING". Dimensions include a total height of 59 1/2", a top section height of 30", a bottom section height of 29 1/2", a width of 30 1/2", and a blocking width of 6 1/2". A note specifies "MIN. 1 3/16" TO 1 1/2" MAX." for a specific component.

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"

STRUCTURAL
REINFORCEMENT FOR
GRAB BAR (OBC
9.5.2.3.)

STRUDET INC.



REGISTERED PROFESSIONAL ENGINEER
B. MARINKOVIC
PROVINCE OF ONTARIO
OCTOBER 24/2022
FOR STRUCTURE ONLY

FOR STRUCTURE ONLY

2012 CODE

BLOCKING
FORCED ENTRY & GRAB BAR

ZADORRA ESTATES CORP.
CITY OF OSHAWA

 BILD®	MODEL NAME	
	T ----	
	SCALE:	
	3/4"=1'-0"	
	PROJ. No.	DWG. No.
	21-35	10

THIS DRAWING IS A LIABILITY OF JATON DESIGN GROUP INC. AND JATON DESIGN GROUP INC. ACCEPTS ALL LIABILITY FOR ANY AND ALL CONSEQUENCES OF SITE, FORCE MAJEURE, AND/OR CONSTRUCTION AND/OR DISCREPANCIES. JATON DESIGN GROUP INC. REPORTED TO JATON DESIGN GROUP INC. PRIOR TO COMMENCEMENT OF WORK.

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AS CONSTRUCTION INVERTS MUST BE VERIFIED PRIOR TO POURING FOOTINGS.

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NO.	DATE	WORK DESCRIPTION

No:	DATE:	WORK DESCRIPTION:
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DRAWN BY:

DRAWING NAME: GENERAL NOTES

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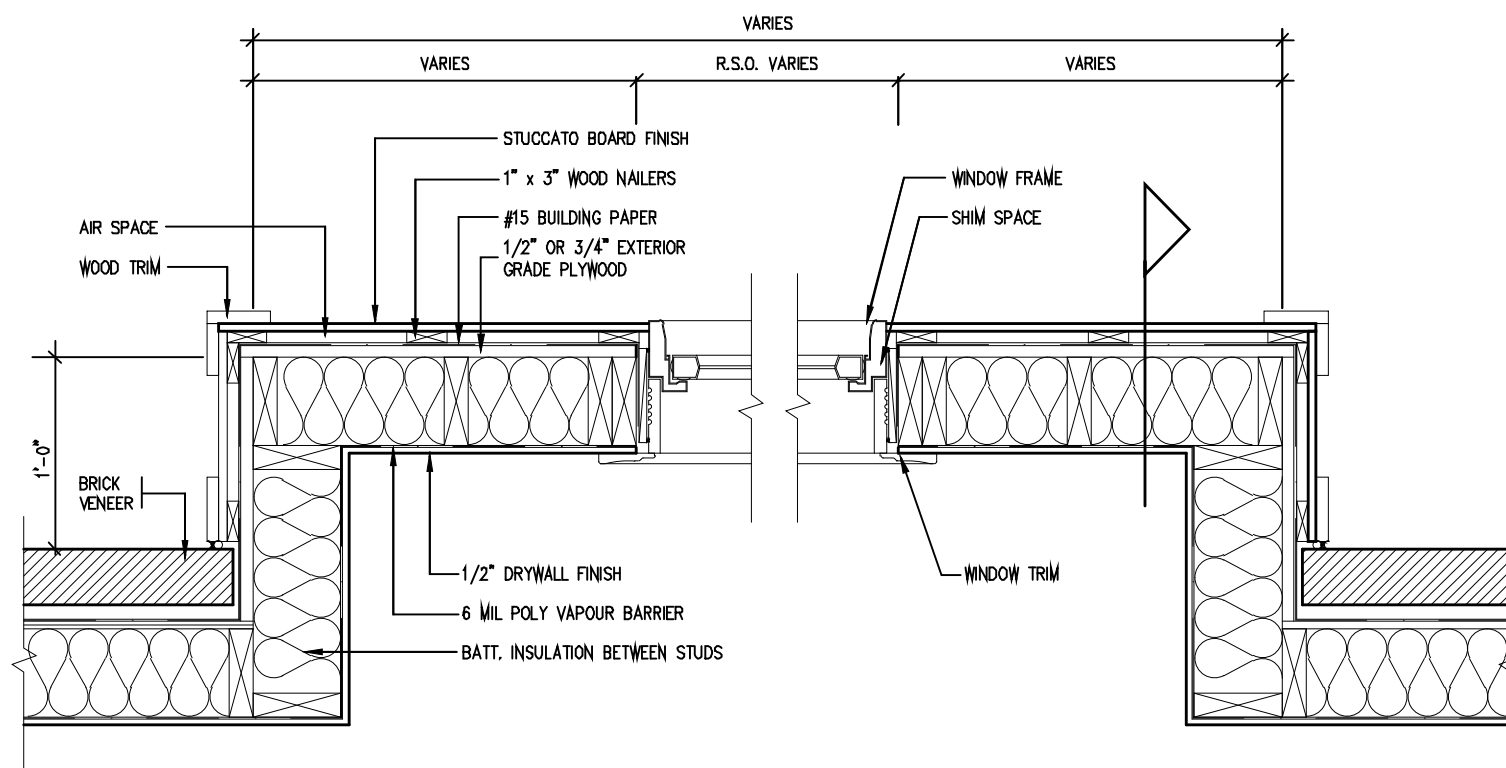
QUALIFICATION INFORMATION
Required unless design is exempt under Division C, Subsection

Walter Botter	<i>WSE</i>	2103
NAME	SIGNATURE	BCIN

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

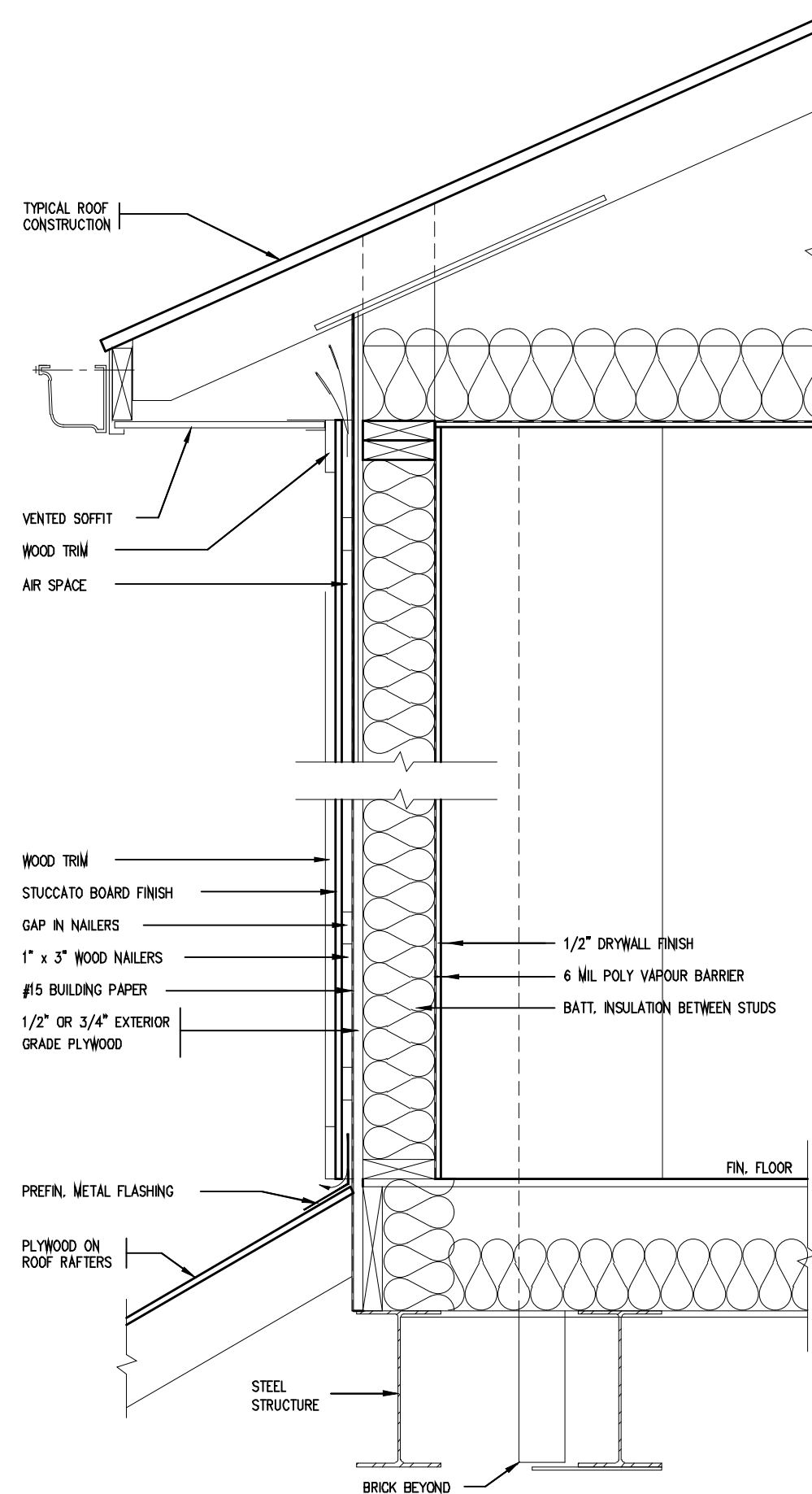
jardin design group inc.	27763
FIRM NAME	BCIN

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

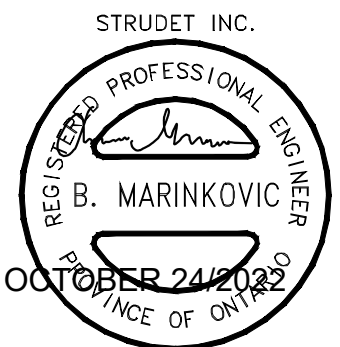


PLAN VIEW

STUCCATO BOARD FINISH CLADDING (OBC 9.27.)



CROSS SECTION



FOR STRUCTURE ONLY

2012 CODE

STUCCATO BOARD FINISH CLADDING



MODEL NAME

T

SCALE: _____

$$1'' = 1' - 0''$$

PROJ. No.	DWG. No.
-----------	----------

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AS CONSTRUCTED, THE INVERT SHALL BE MAINTAINED PRIOR TO POOLING FOOTINGS.

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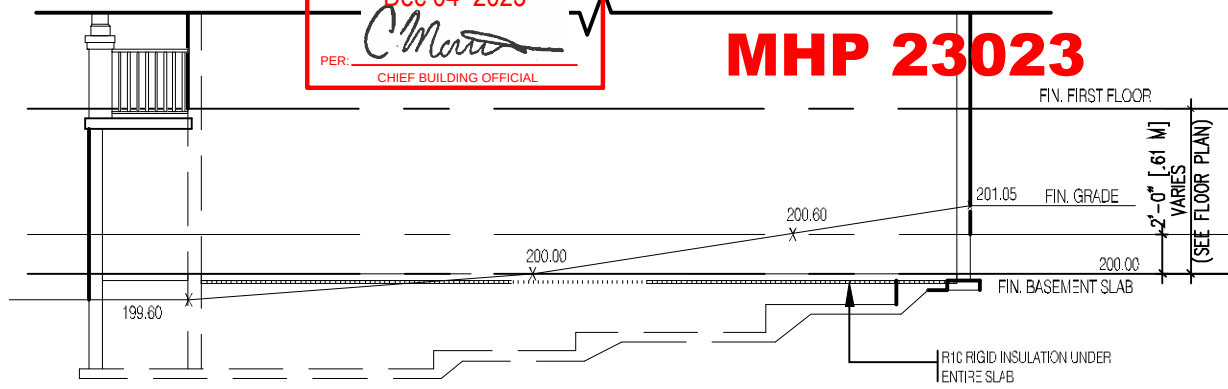
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Walter Botter NAME	 SIGNATURE	2103 BCIN
REGISTRATION INFORMATION Required unless design is exempt under Division C, Subsection 3.2.4 of the building code		
jardin design group inc. FIDAL NAME		2776 PCIN

jardin
DESIGN GROUP INC
64 JARDIN DR. SUITE 3A
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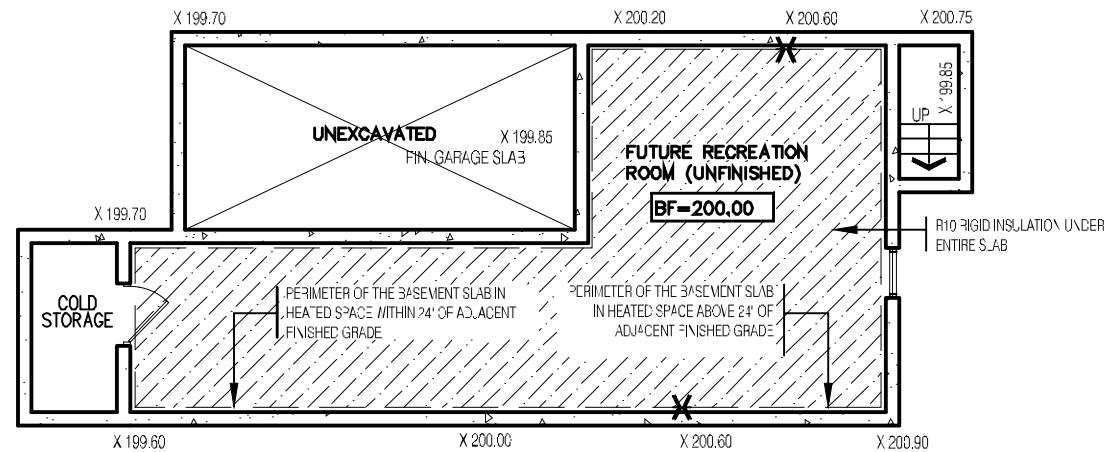
DRAWN BY:	DRAWING NAME: GENERAL NOTES
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CORPORATION OF THE CITY OF OSHAWA
TRUE COPY
OF PERMIT PLANS
Dec 04 2023
PER: *Chief Building Official*
CHIEF BUILDING OFFICIAL

MHP 23023



TYPICAL RIGHT SIDE ELEVATION

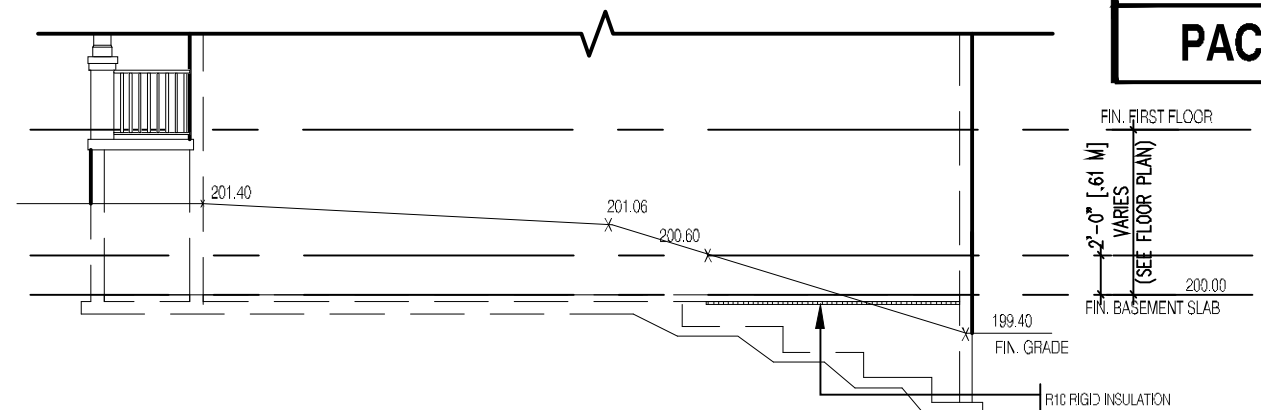


TYPICAL BASEMENT PLAN

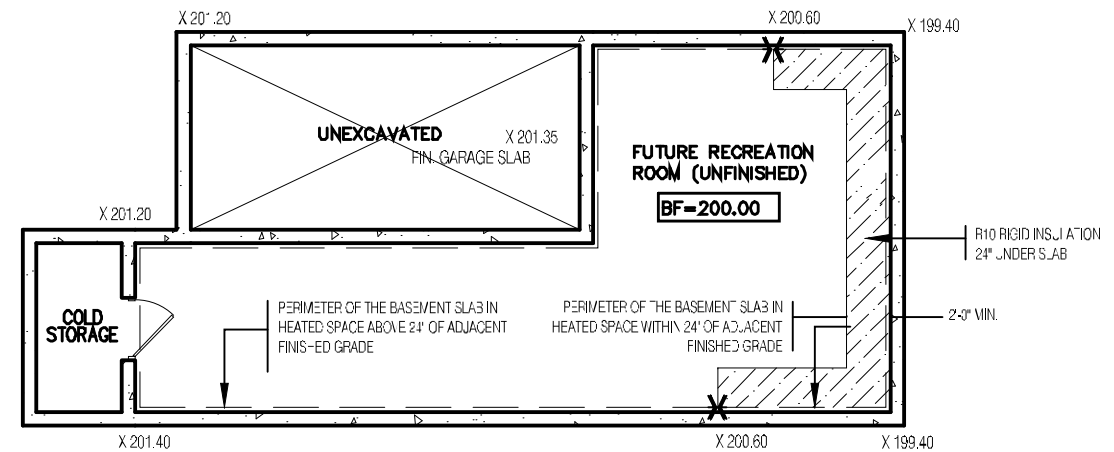
SLAB ON GRADE CONDITION

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.

**2012
PACKAGE 'A1'**



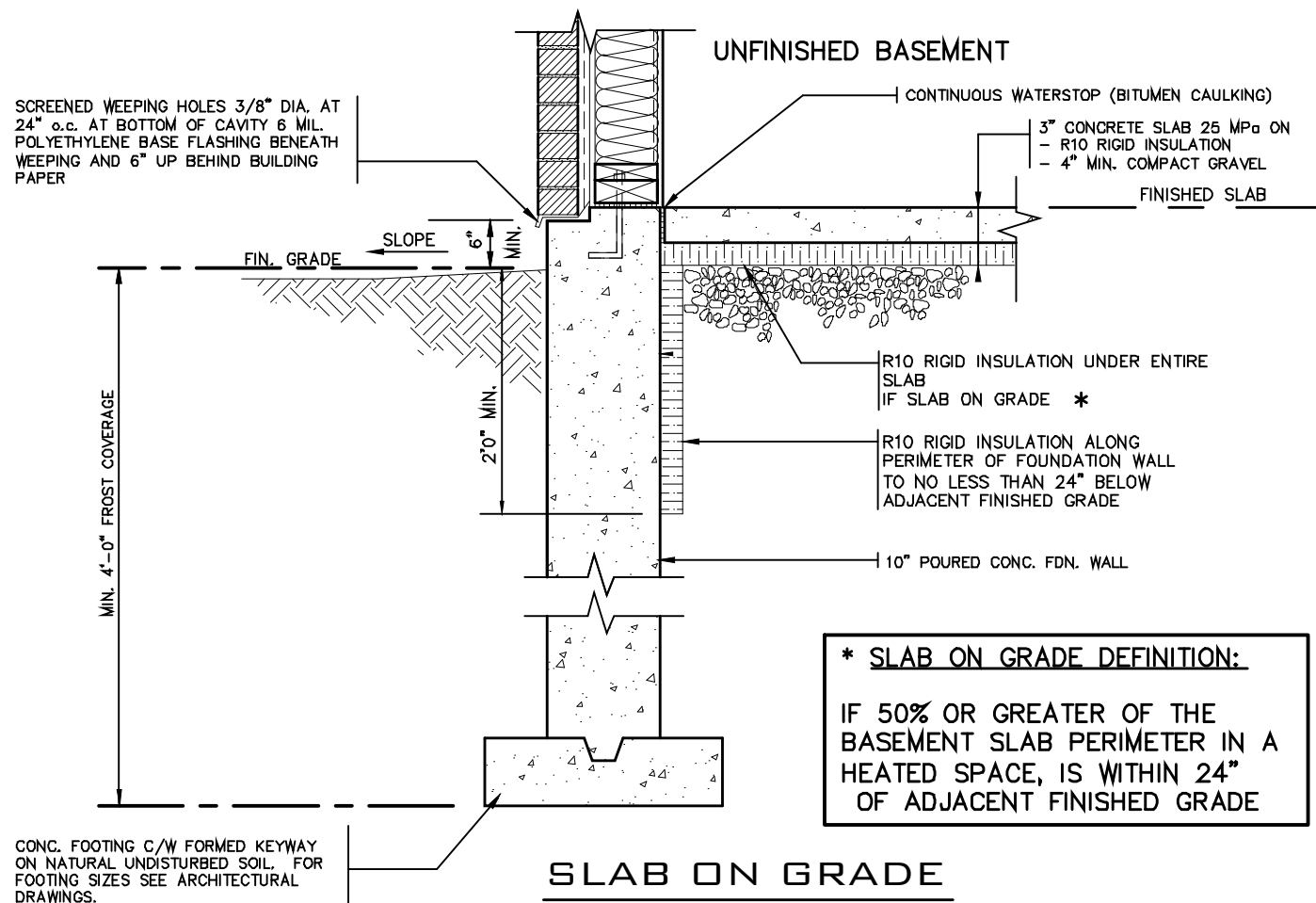
TYPICAL RIGHT SIDE ELEVATION



TYPICAL BASEMENT PLAN

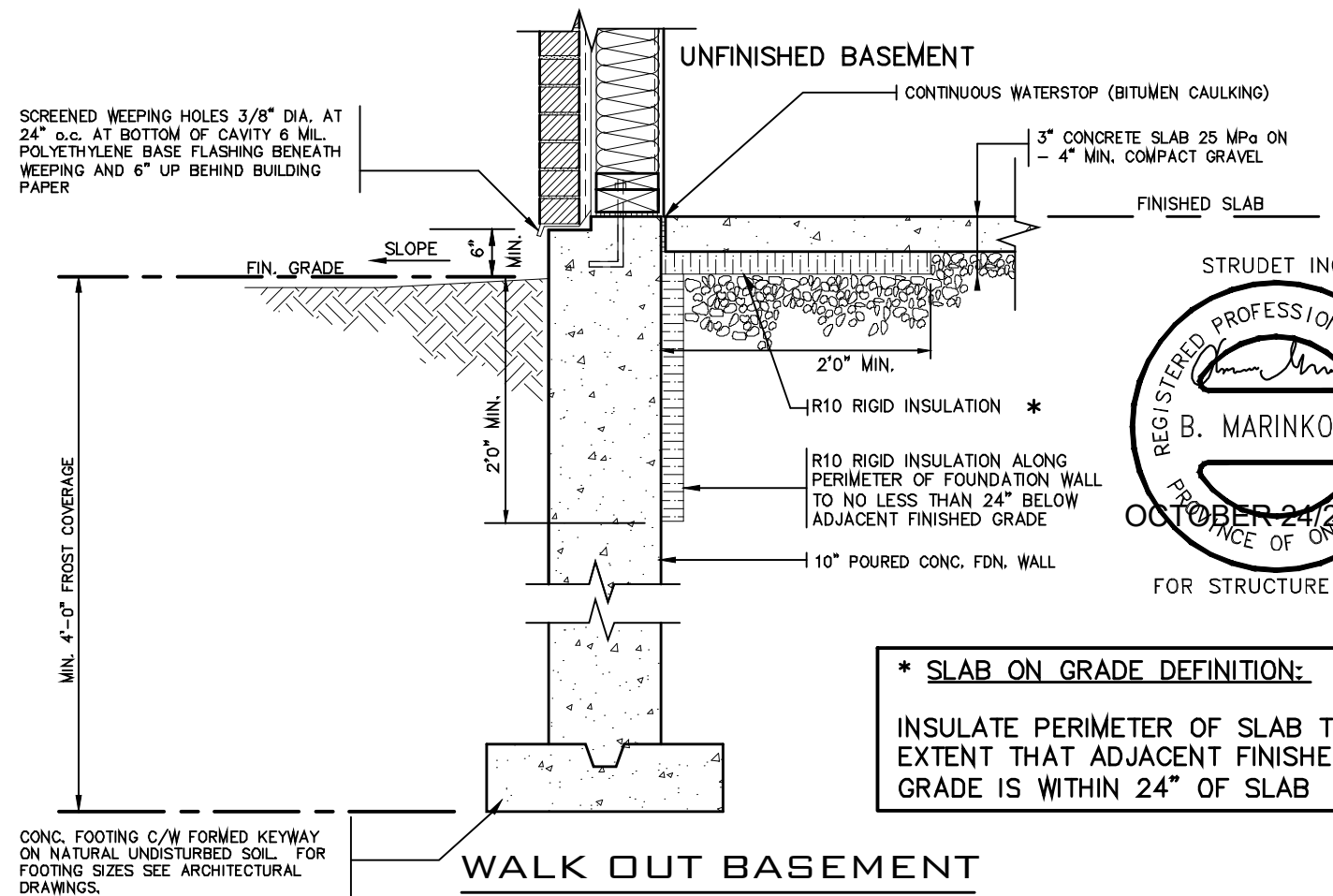
WALK OUT BASEMENT CONDITION

NOTES:
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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

STRUDET INC.
REGISTERED PROFESSIONAL ENGINEER
B. MARINKOVIC
OCTOBER 24/2022
FOR STRUCTURE ONLY

2012 CODE

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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

SLAB ON GRADE WALKOUT BASEMENT			
ZADORRA ESTATES CORP. CITY OF OSHAWA			
	MODEL NAME	----	
	SCALE:	N.T.S.	
	PROJ. No.	21-35	DWG. No. 12

CORPORATION OF THE CITY OF OSHAWA
TRUE COPY
OF PERMIT PLANS
Dec 04 2023
PER: *Chief Building Official*
CHIEF BUILDING OFFICIAL

MHP 23023

2012
PACKAGE 'A1'

GENERAL NOTES

- EXTERIOR STAIRS
7 7/8" RISE MAXIMUM
10" RUN MINIMUM
1'-2" RUN MAXIMUM
- 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

FOR POURED CONCRETE SLAB STRUCTURE REFER TO ARCHITECTURAL DRAWINGS

GUARD & HANDRAIL

BOTTOM REINF.
10M @8" O.C.

UPPER REINF.
10M @8" O.C.

NOSING REINF. W/ 10M BARS

CLEAR SPACING BETWEEN PICKETS TO BE 4" MAX. NO MEMBER BETWEEN 4" & 2'-11" ABOVE SLAB

NOSING REINF. W/ 10M BARS

MASONRY EXTERIOR FACING, FILL SPACE BETWEEN WALL & FACING W/ MORTAR & PROVIDE METAL TIES SEE NOTE '2'

10M @8" O.C. DOWELS TO MATCH BOTTOM REINF.

POURED FDN. WALL

6" X16" POURED CONC. FOOTING

SECTION A

BOTTOM REINF.
10M @8" O.C.
UPPER REINF.
10M @8" O.C.

4'-0" MIN. TO UNDISTURBED SOIL

NOTE: FOR MORE THAN 8 RISERS

SECTION B

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

POURED CONCRETE STAIRS
ZADORRA ESTATES CORP.
CITY OF OSHAWA
MODEL NAME
T
SCALE: 3/8"=1'-0"
PROJ. No. 21-35
DWG. No. 13

STRUDET INC.
REGISTERED PROFESSIONAL ENGINEER
B. MARINKOVIC
OCTOBER 24/2022
PROVINCE OF ONTARIO
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