

CONSTRUCTION NOTES (UNLESS OTHERWISE NOTED)

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.

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, RWL & 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 406 (16"). ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH 50% AT EAVES.

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.

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 600mm (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.

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.

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 (2-2"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



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") CONTN. 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.

WEEPING TILE (*SEE OBC 9.14.3.)

100mm (4") DIA. WEEPING TILE 150mm (6") CRUSHED STONE OVER AND AROUND WEEPING TILES.

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.

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.

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.

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

MAX. RISE =200 (7-7/8")
MIN. RUN =210 (8-1/4")
MIN. TREAD =235 (9-1/4")
MAX. NOSING =25 (1")
MIN. HEADROOM =1950 (6'-6")
RAIL @ LANDING =900 (2'-11") TO 965 (3'-2")
RAIL @ STAIR =865 (2'-10")
MIN. STAIR WIDTH =860 (2'-10")

FOR CURVED STAIRS
MIN. AVG. RUN = 200 (8")
MIN. RUN = 150 (6")

RAILING (*SEE OBC 9.8.8.)

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

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

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.

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, DAMPROOFING W/BLDG. PAPER BETWEEN THE FDTN. AND INSUL.

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 FINISHED.

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.

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.

NIB WALLS (*SEE OBC 9.23.8.)

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

STEEL BEAM STRAPPING (*SEE OBC 9.23.4.3.(3)(d))

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

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.

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.

GARAGE DOOR GASPROOFING

(*SEE OBC 9.10.13.15.)

DOOR AND FRAME GASPROOFING. DOOR EQUIPPED WITH SELF CLOSING DEVICE AND WEATHER STRIPPING.

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")

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

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

ATTIC ACCESS (*SEE OBC 9.19.2.)

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

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.

LINEN CLOSET

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

MECHANICAL EXHAUST

(*SEE OBC 9.32.3.5, 9.32.3.10.)

MECHANICAL EXHAUST FAN VENTED TO EXTERIOR.

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.

GLASS "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.

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.

STEP FOOTINGS (*OBC 9.15.3.9.)

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

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.

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..

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

JOIST STRAPPING & BRIDGING (*SEE OBC 23.9.4.)

ALL FLOOR JOISTS TO BE BRIDGED WITH 38x38 (2"x2") CROSS BRACING OR SOLID BLOCKING @2100mm (6'-11") o.c. MAX. 19x64 (1"x3") @2100mm (6'-11") o.c. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED.

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.

COLD 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.

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.

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.

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.

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.

PARTYWALLS

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

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 PARALEL WITH FLOOR JOISTS.

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)).

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

SOIL GAS CONTROL (*OBC 9.13.4.)

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

2012

PACKAGE 'A1'

CITY OF MARKHAM

BUILDING STANDARDS DIVISION

REVIEWED FOR COMPLIANCE WITH THE ONTARIO BUILDING CODE AND THE APPLICABLE ZONING BY-LAW



Date: 02/10/21

ALL CONSTRUCTION SHALL COMPLY WITH THE ONTARIO BUILDING CODE

NO PERSON SHALL CONSTRUCT OR DEMOLISH A BUILDING OR CAUSE A BUILDING TO BE CONSTRUCTED EXCEPT IN ACCORDANCE WITH THESE CERTIFIED BUILDING PERMIT DOCUMENTS, THE BUILDING CODE ACT AND THE BUILDING CODE.

NOTE: THE PROPOSED DEVELOPMENT IS SUBJECT TO COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF THE ZONING BY-LAW AND ALL OTHER APPLICABLE LAWS INCLUDING THE PROVISIONS OF A SITE PLAN AND / OR SUBDIVISION AGREEMENT WHICH MAY OR MAY NOT BE REGISTERED ON TITLE

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.

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DRAWN BY:

DRAWING NAME: GENERAL NOTES

7		
6		
5		
4		
3	DEC. 2, 2020	REV. AS PER CITY COMMENT; REISSUED FOR PERMIT
2	JULY 2, 2020	ISSUED FOR BUILDING 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 3.2.3 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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DESIGN GROUP INC

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GENERAL NOTES

LAMPONE INVESTMENTS INC.
CITY OF MARKHAM



MODEL NAME

T

SCALE:

N.T.S.

PROJ. No.

20-03

DWG. No.

1

2012 CODE

2012
PACKAGE 'A1'

CITY OF **MARKHAM**

BUILDING STANDARDS DIVISION

REVIEWED FOR COMPLIANCE WITH THE ONTARIO BUILDING
CODE AND THE APPLICABLE ZONING BY-LAW



Date: **02/10/21**

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SITE PLAN AND / OR SUBDIVISION AGREEMENT WHICH MAY OR MAY
NOT BE REGISTERED ON TITLE

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")

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
3.) 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 SMOKE ALARM & CARBON
CMA 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.



FOR STRUCTURE ONLY

2012 CODE

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CONDITIONS ON SITE BEFORE PROCEEDING WITH CONSTRUCTION.
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INC. PRIOR TO COMMENCEMENT OF WORK.
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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.
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7		
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2	JULY 2, 2020	ISSUED FOR BUILDING 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
3.2.3 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

GENERAL NOTES

LAMPONE INVESTMENTS INC.
CITY OF MARKHAM



MODEL NAME T	----
SCALE:	N.T.S.
PROJ. No.	20-03
DWG. No.	1A

DRAWN BY: DRAWING NAME: GENERAL NOTES

EAVE PROTECTION SHALL BE PROVIDED FROM THE EDGE OF ROOF A MIN. 3'-0" (900mm) UP FROM THE ROOF SLOPE TO A LINE NOT LESS THAN 1'-0" (300mm) INSIDE THE INNER FACE OF THE EXTERIOR WALL. EAVE PROTECTION SHALL BE LAID BENEATH THE STARTER STRIP AND SHALL CONSIST OF TYPE 'M' OR TYPE 'S' ASPHALT COATED ROOFING SHEETS.

210 ASPHALT SHINGLES ON 3/8" PLYWOOD SHEATHING USE 'H' CLIPS FOR TRUSSES

STARTER STRIP OF ROOF SHINGLES REQUIRED

2"x5" FASCIA BOARD PREFINISHED METAL GUTTER, FASCIA AND VENTED SOFFIT

4" FACE BRICK TIED TO STUDS WITH GALVANIZED 7/8" WIDE METAL TIES @ 16" o.c. HORIZONTAL AND 24" o.c. VERTICAL

1" AIR SPACE

#15 BUILDING PAPER OVER 7/16" O.S.B. EXTERIOR SHEATHING, 2"x6" SPR. STUDS @ 16" o.c. FILLED WITH R-22 INSULATION AND 6 MIL. POLY VAPOUR BARRIER

CONTINUOUS HEADER JOIST W/ R-22 INSULATION W/ 6 MIL. VAPOUR BARRIER AND SEAL TO JOIST AND SUBFLOOR

SCREENED WEeping HOLES 3/8" DIA. AT 24" o.c. AT BOTTOM OF CAVITY 6 MIL. POLYETHYLENE BASE FLASHING BENEATH WEeping AND 6" UP BEHIND BUILDING PAPER

HEAVY COAT OF BITUMEN OVER CONC. WALL

FOUNDATION WALLS TO BE WATER PROOFED OR PROVIDE A DRAINAGE LAYER ADJACENT TO EXT. SURFACE OF FOUNDATION WALL AND EXTEND TO FOOTING LAYER OR PROVIDE "SYSTEM PLANTON AIR GAP MEMBRANE"

CEMENT COVE

4" DIA. WEeping TILES W/6" CRUSHED STONE COVER

CONC. FOOTING C/W FORMED KEYWAY ON NATURAL UNDISTURBED SOIL. FOR FOOTING SIZES SEE ARCHITECTURAL DRAWINGS.

BAFFLES AS REQUIRED FOR ROOF VENTILATION

PROVIDE ROOF VENTILATION @ A RATE OF 1:300 OF INSULATED CEILING AREA UNIFORMLY DISTRIBUTED

ROOF TRUSSES @ 24"o.c. MAX. RAISED HEEL TO MATCH PLATE

1/2" (13mm) DRYWALL FINISH OVER CONT. 6 MIL. POLY VAPOUR/AIR BARRIER & MIN. R-60 INSULATION

MIN. R22 INSULATION (6") ABOVE INNER FACE OF EXTERIOR WALL

DOUBLE TOP PLATE

1/2" GYPSUM BOARD

2"x6" BOTTOM PLATE

LAP VAPOUR AND AIR BARRIER 4" AND SECURE TO PLATE

FIN. FLOORING ON 5/8" T&G PLYWOOD

PARALLEL JOISTS T&J WOOD BLOCKING @36" o.c.

FLOOR JOISTS SEE PLAN

1/2" GYPSUM BOARD CEILING FINISH

CONTINUOUS TIMBERSTRAND

AIR BARRIER RUN BETWEEN DOUBLE TOP PLATE AND UP UNDER FLOOR PLATE

DOUBLE TOP PLATE

1/2" GYPSUM BOARD

SINGLE CONTIN. TIMBERSTRAND

FIN. FLOORING ON 3/4" T&G PLYWOOD

FIN. FLOORING ON 3/4" T&G PLYWOOD

FIN. FLOORING ON 3/4" T&G PLYWOOD

FIN. FLOORING ON 3/4" T&G PLYWOOD

FIN. FLOORING ON 3/4" T&G PLYWOOD

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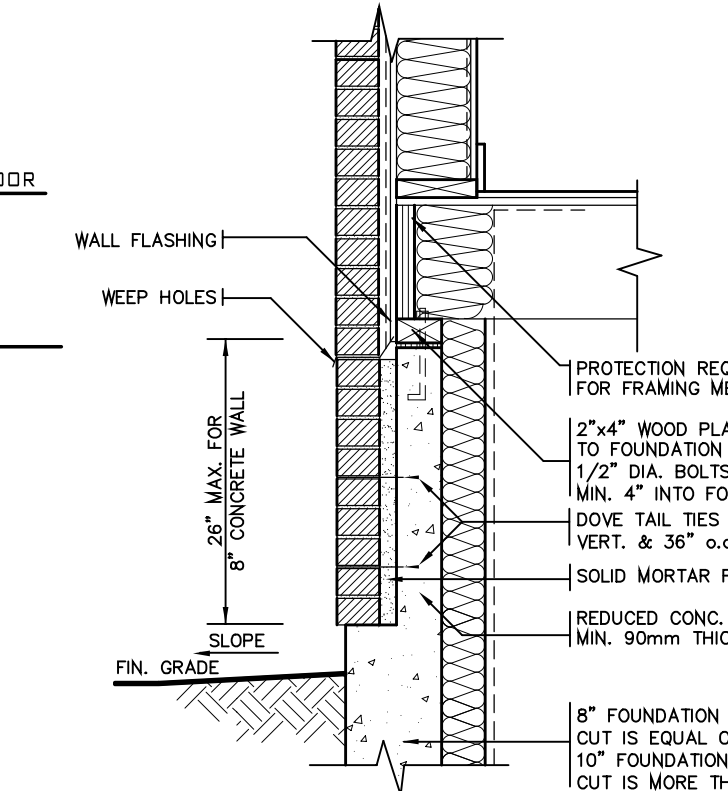
FIN. FLOORING ON 3/4" T&G PLYWOOD

FIN. FLOORING ON 3/4" T&G PLYWOOD

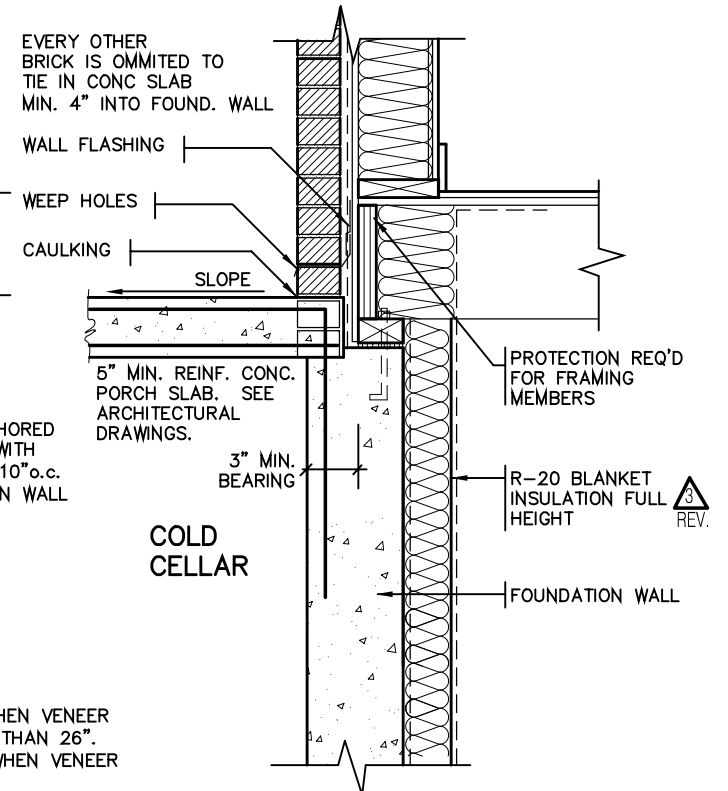
1/2" (13mm) DRYWALL FINISH OVER CONT. 6 MIL. POLY VAPOUR/AIR BARRIER & MIN. R-31 INSULATION. (DRYWALL ON THE CEILING ONLY WHEN THERE IS NO SECOND FLOOR ABOVE GARAGE)

#15 BUILDING PAPER, 2"x6" SPR. STUDS @ 16" o.c. FILLED WITH R-22 INSULATION AND 6 MIL. POLY VAPOUR BARRIER

DETAIL FOR INTERIOR GARAGE WALLS & CEILINGS

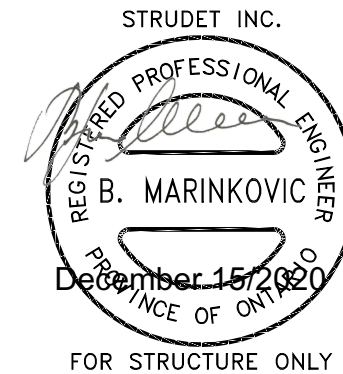


DETAIL FOR CONCRETE VENEER DROPPED GRADE



DETAIL FOR COLD CELLAR PORCH SLAB

2012 PACKAGE 'A1'



CITY OF MARKHAM BUILDING STANDARDS DIVISION REVIEWED FOR COMPLIANCE WITH THE ONTARIO BUILDING CODE AND THE APPLICABLE ZONING BY-LAW



Date: 02/10/21 ALL CONSTRUCTION SHALL COMPLY WITH THE ONTARIO BUILDING CODE NO PERSON SHALL CONSTRUCT OR DEMOLISH A BUILDING OR CAUSE A BUILDING TO BE CONSTRUCTED EXCEPT IN ACCORDANCE WITH THESE CERTIFIED BUILDING PERMIT DOCUMENTS, THE BUILDING CODE ACT AND THE BUILDING CODE. NOTE: THE PROPOSED DEVELOPMENT IS SUBJECT TO COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF THE ZONING BY-LAW AND ALL OTHER APPLICABLE LAWS INCLUDING THE PROVISIONS OF A SITE PLAN AND / OR SUBDIVISION AGREEMENT WHICH MAY OR MAY NOT BE REGISTERED ON TITLE

2012 CODE

2 STOREY WALL SECTION 2"x6" BRICK VENEER LAMPONE INVESTMENTS INC. CITY OF MARKHAM MODEL NAME T SCALE: AS NOTED PROJ. No. 20-03 DWG. No. 2

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 SCALED.

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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 SIGNATURE BCIN 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

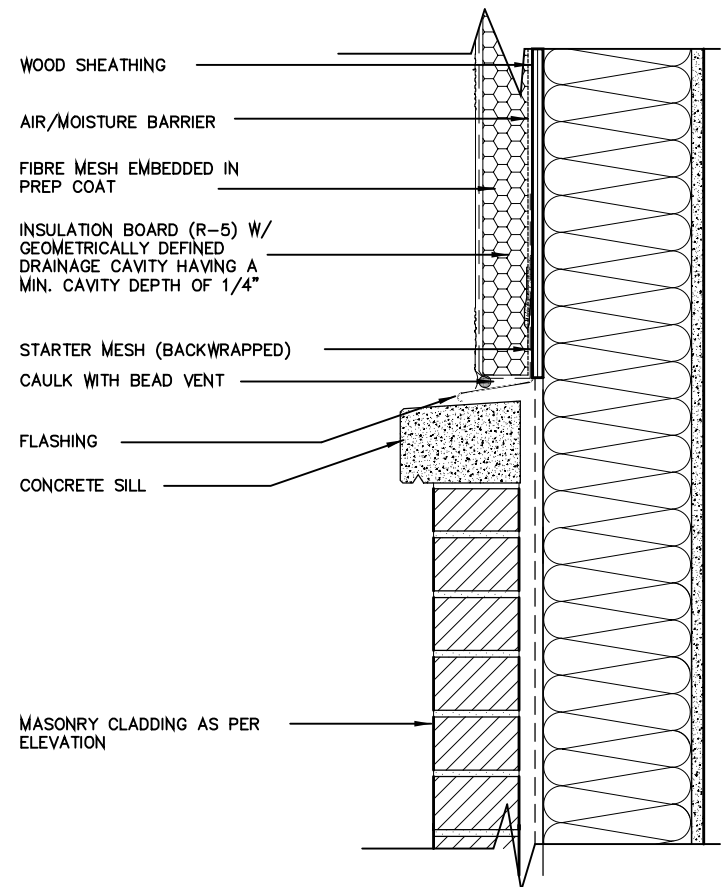
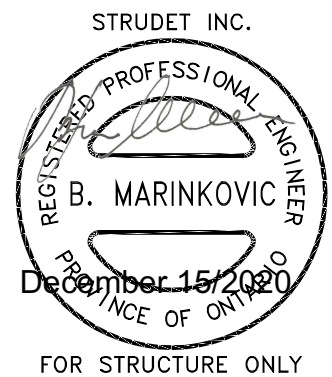


Date: 02/10/21

**ALL CONSTRUCTION SHALL COMPLY WITH
THE ONTARIO BUILDING CODE**

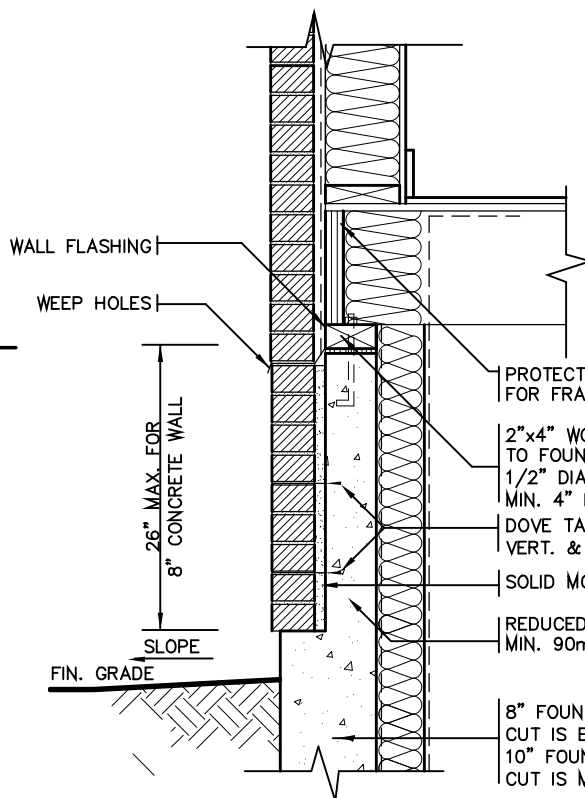
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CAUSE A BUILDING TO BE CONSTRUCTED EXCEPT IN ACCORDANCE
WITH THESE CERTIFIED BUILDING PERMIT DOCUMENTS, THE
BUILDING CODE ACT AND THE BUILDING CODE.

NOTE: THE PROPOSED DEVELOPMENT IS SUBJECT TO COMPLIANCE
WITH ALL APPLICABLE PROVISIONS OF THE ZONING BY-LAW AND
ALL OTHER APPLICABLE LAWS INCLUDING THE PROVISIONS OF A
SITE PLAN AND / OR SUBDIVISION AGREEMENT WHICH MAY OR MAY
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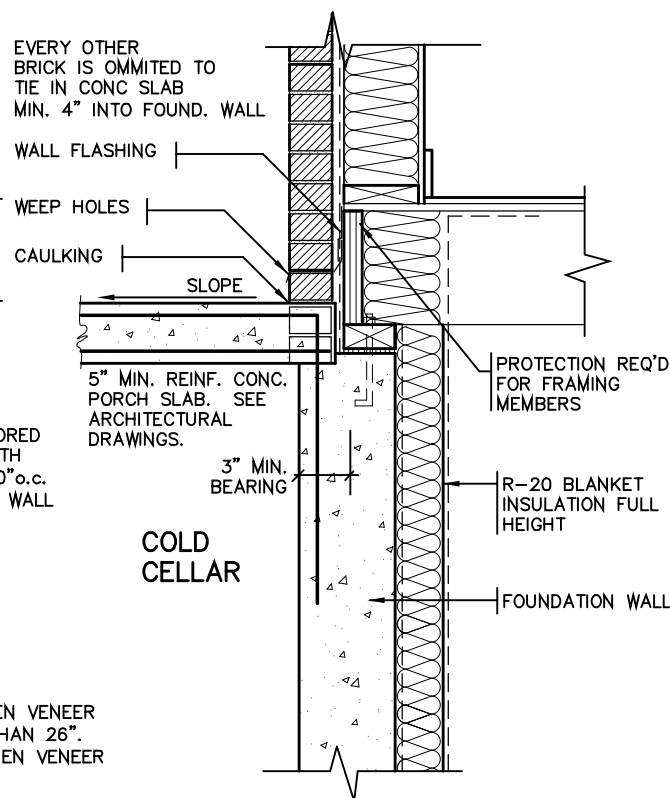


**A. TERMINATION AT MASONRY
CLADDING WITH SEALANT**

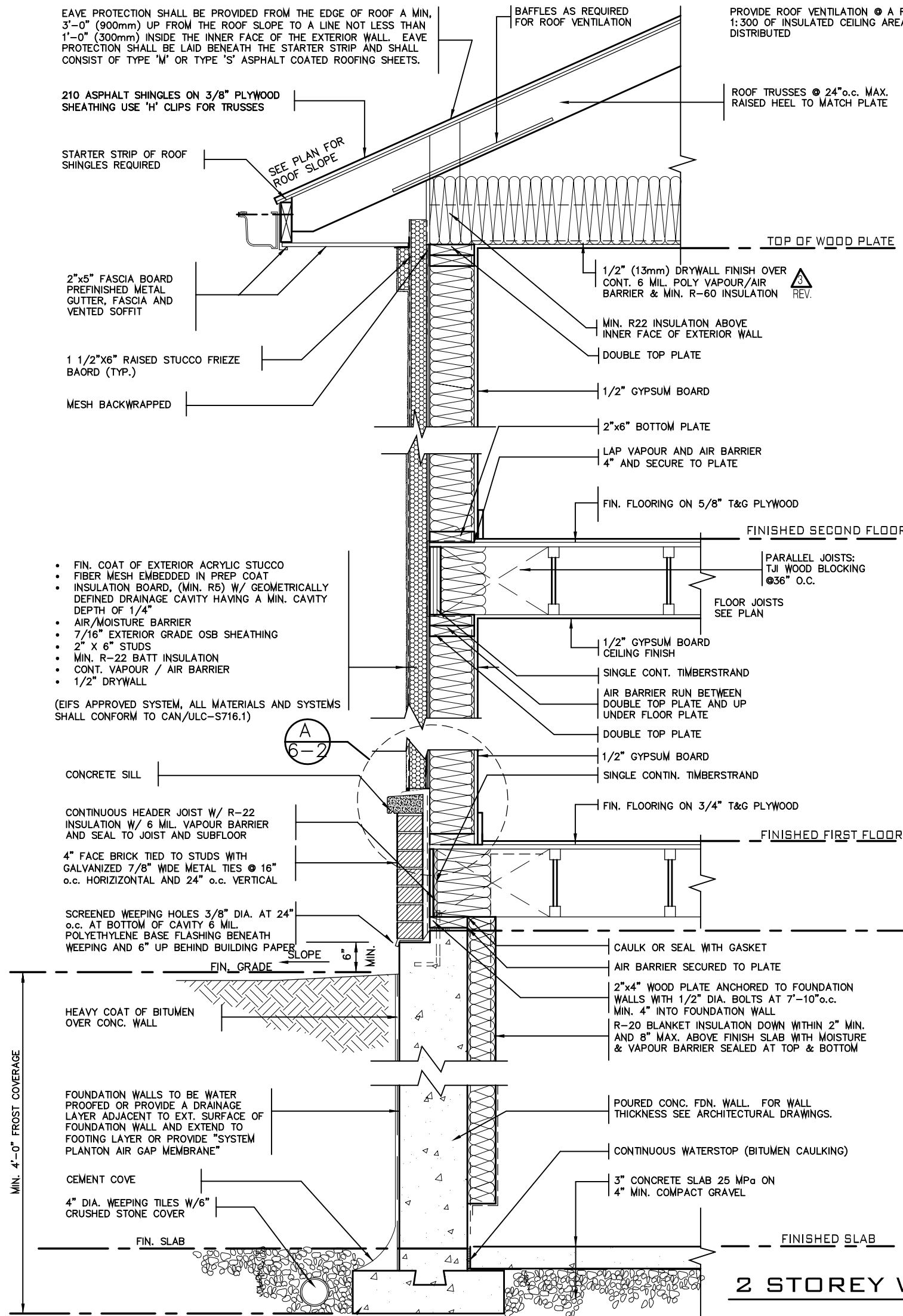
1 1/2" = 1'0"



**DETAIL FOR CONCRETE
VENEER DROPPED GRADE**



DETAIL FOR COLD CELLAR PORCH SLAB



2 STOREY WALL SECTION

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

2 STOREY WALL SECTION 2"x6" STUCCO WALL	
LAMPONE INVESTMENTS INC. CITY OF MARKHAM	
MODEL NAME T	---
SCALE: AS NOTED	
PROJ. No. 20-03	DWG. No. 3

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

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

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

1/2" DIA. ANCHOR BOLTS EMBEDDED IN 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

8" POURED CONC. FOUNDATION 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

1/2" DIA. ANCHOR BOLTS EMBEDDED IN 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

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FIN. BASEMENT SLAB

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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.

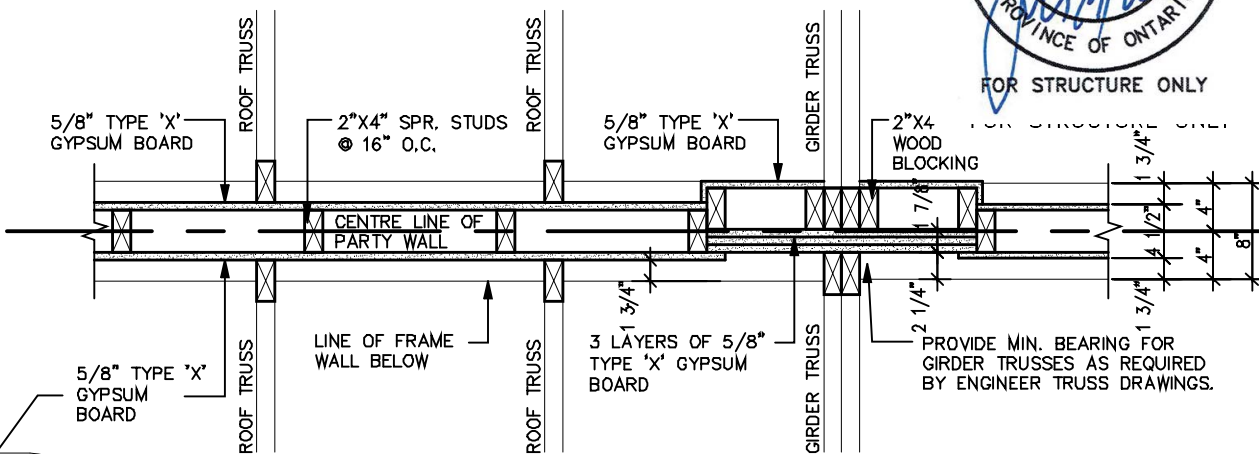
5/8" TYPE "X" GYPSUM WALL BOARD

TOP OF PLATE

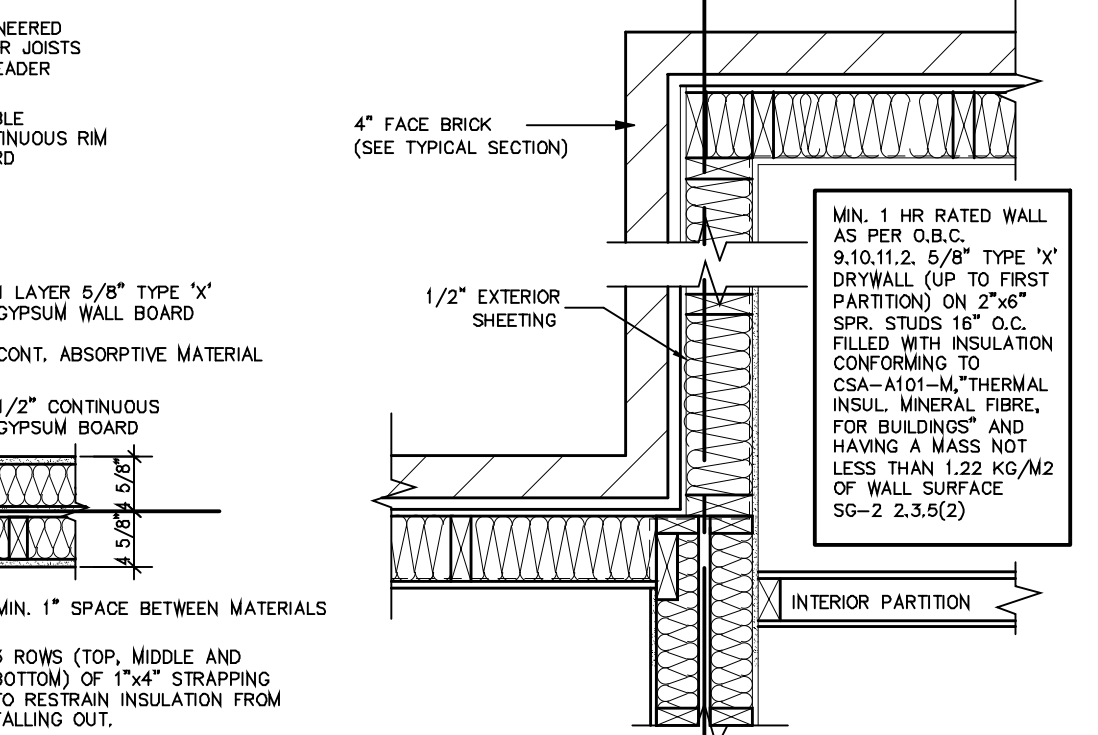
2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

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

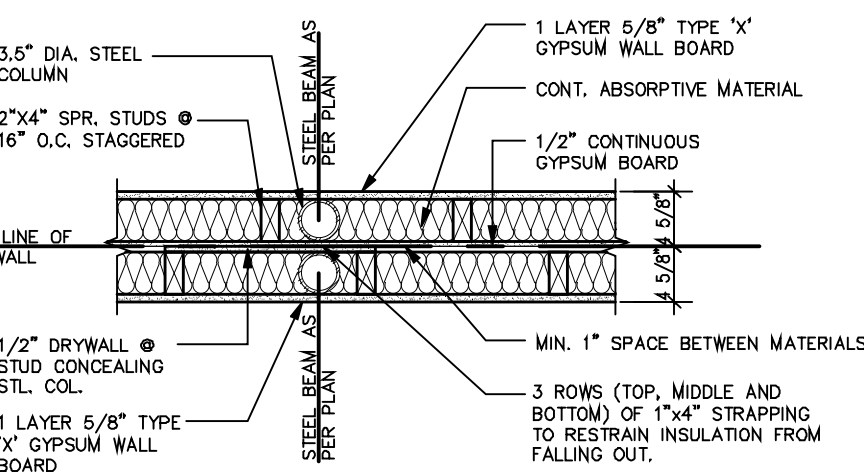
SECTION @ FIRE SEPARATION IN ROOF SPACE TRUSSES PARALLEL TO PARTY WALL



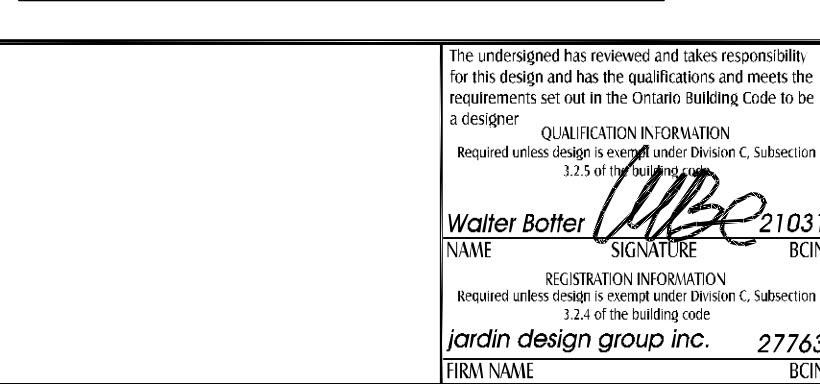
PLAN OF FIRE SEPARATION IN ROOF SPACE TRUSSES PERPENDICULAR TO PARTY WALL



FLOOR JOISTS PARALLEL



PLAN OF PARTY WALL IN GARAGE



2012

PACKAGE 'A1'

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(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.



CITY OF MARKHAM

BUILDING STANDARDS DIVISION

REVIEWED FOR COMPLIANCE WITH THE ONTARIO BUILDING CODE AND THE APPLICABLE ZONING BY-LAW

20.130096.000.00.CM

Date: 02/10/21

ALL CONSTRUCTION SHALL COMPLY WITH THE ONTARIO BUILDING CODE

NO PERSON SHALL CONSTRUCT OR DEMOLISH A BUILDING OR CAUSE A BUILDING TO BE CONSTRUCTED EXCEPT IN ACCORDANCE WITH THESE CERTIFIED BUILDING PERMIT DOCUMENTS, THE BUILDING CODE ACT AND THE BUILDING CODE.

NOTE: THE PROPOSED DEVELOPMENT IS SUBJECT TO COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF THE ZONING BY-LAW AND ALL OTHER APPLICABLE LAWS INCLUDING THE PROVISIONS OF A SITE PLAN AND/OR SUBDIVISION AGREEMENT WHICH MAY OR MAY NOT BE REGISTERED ON TITLE

WOOD FRAME PARTY WALL

TRUSSES PERPENDICULAR TO PARTY WALL

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.	7		
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.	6		
AS CONSTRUCTION INVERTS MUST BE VERIFIED PRIOR TO POURING FOOTINGS.	5		
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.	4		
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 RE-SCALED.	3		
	2	JULY 2, 2020	ISSUED FOR BUILDING 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 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 PARTY WALL

LAMPONE INVESTMENTS INC.
CITY OF MARKHAM



MODEL NAME
T
SCALE: 3/4"=1'-0"
PROJ. No. 20-03
DWG. No. 4

2012
PACKAGE 'A1'

CITY OF **MARKHAM**

BUILDING STANDARDS DIVISION

REVIEWED FOR COMPLIANCE WITH THE ONTARIO BUILDING
CODE AND THE APPLICABLE ZONING BY-LAW

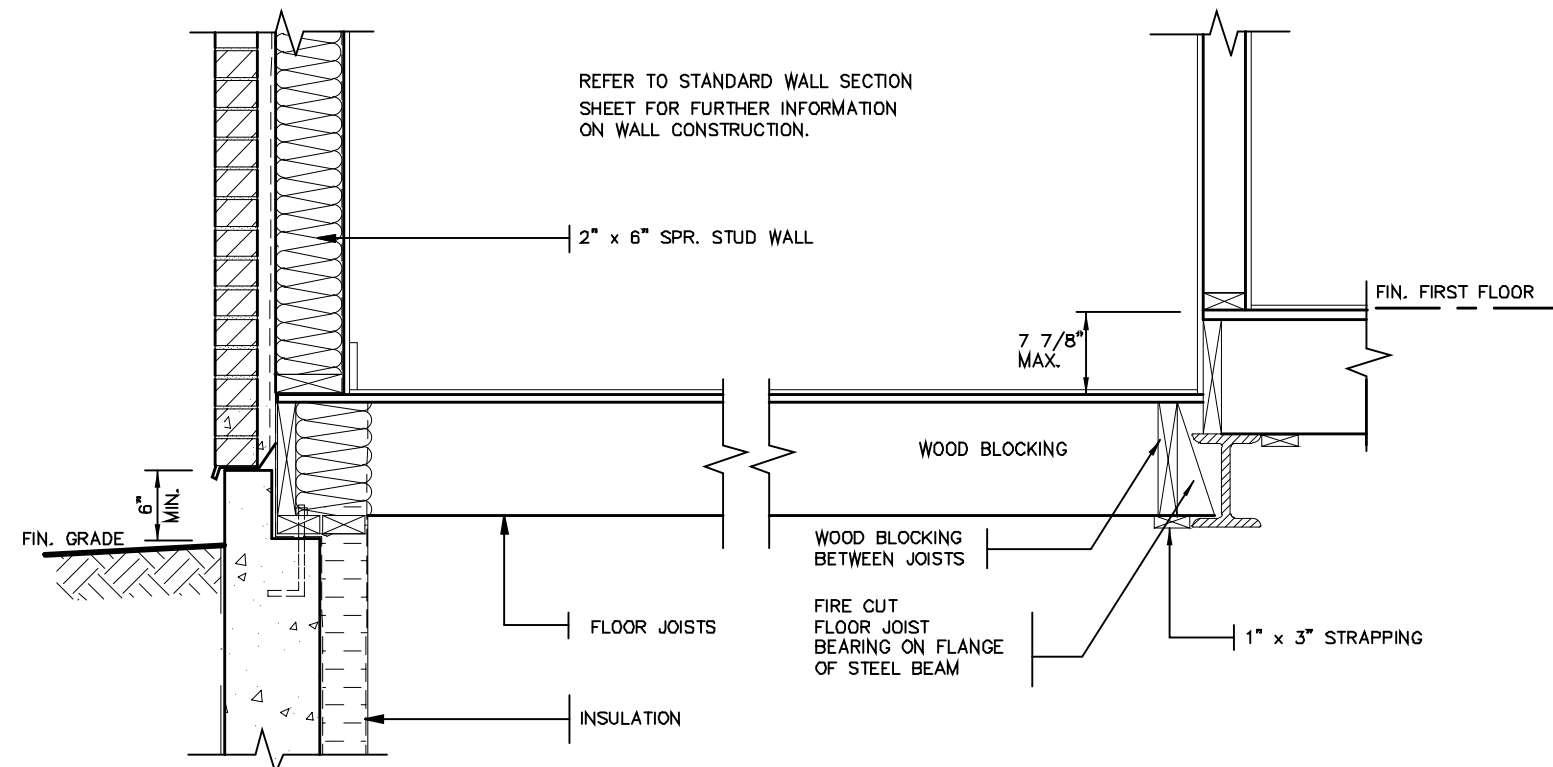


Date: **02/10/21**

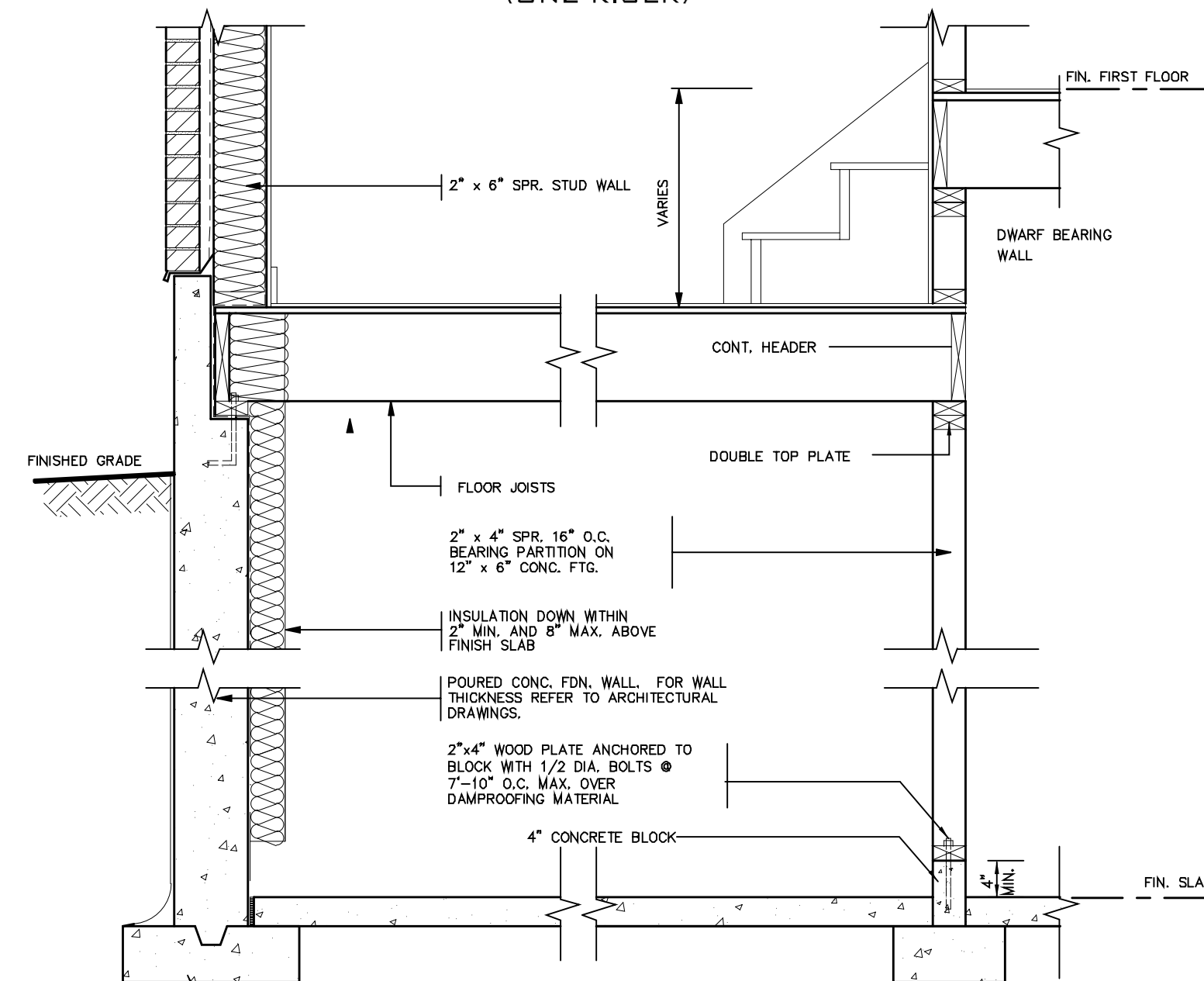
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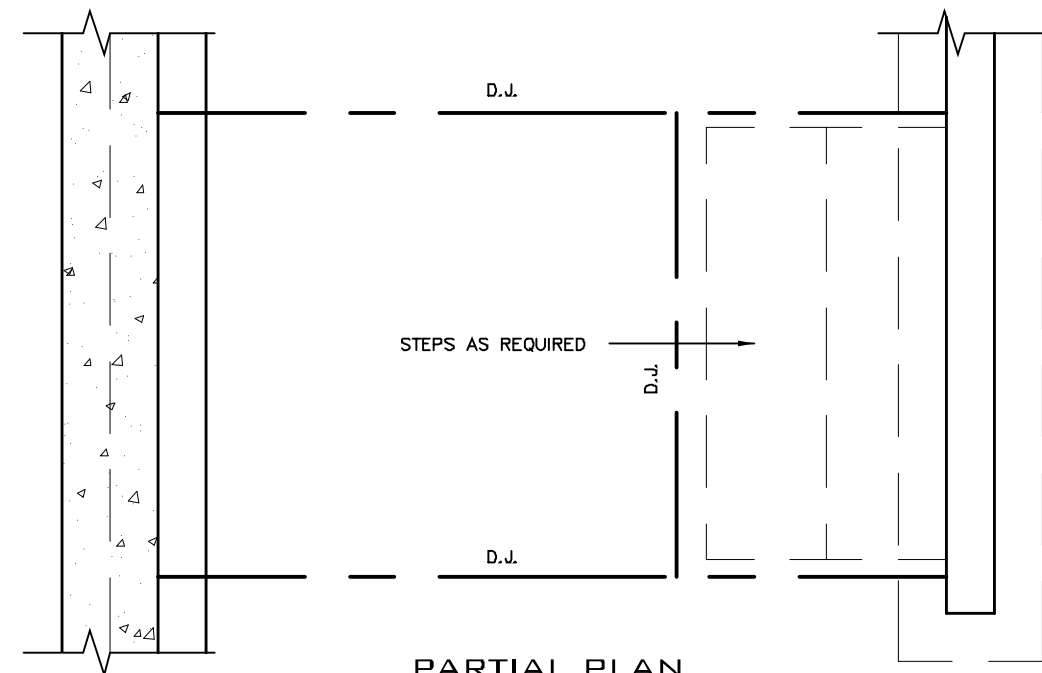
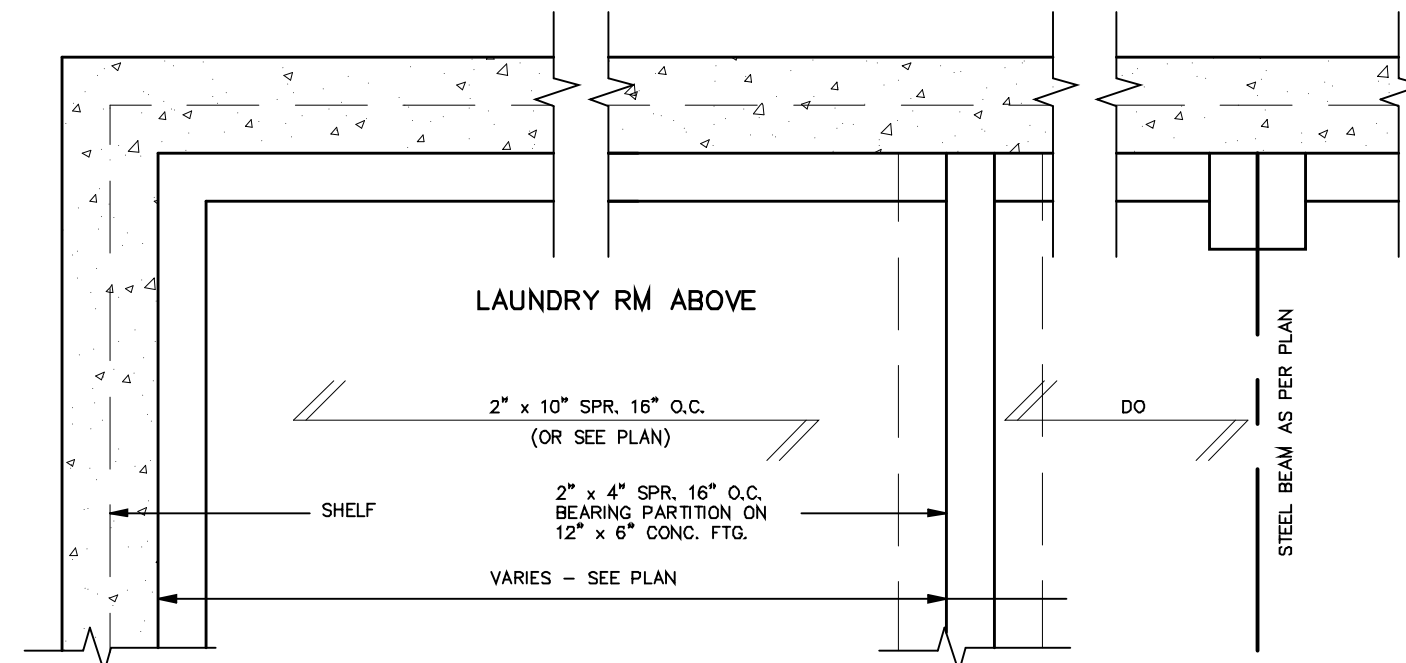
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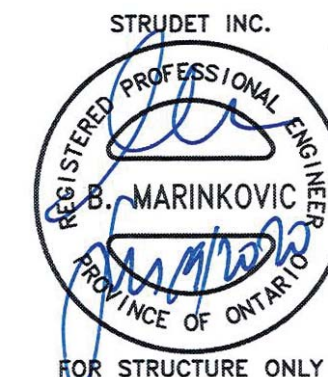
**DETAIL OF SUNKEN LAUNDRY
(ONE RISER)**



**DETAIL OF SUNKEN LAUNDRY
(MORE THAN ONE RISER)**



PARTIAL PLAN



2012 CODE

7		
6		
5		
4		
3		
2	JULY 2, 2020	ISSUED FOR BUILDING PERMIT
1	AUG. 17, 2018	PREPARED TO PACKAGE 'A1' ISSUED TO CLIENT
No: DATE: WORK DESCRIPTION:		

DRAWN BY: DRAWING NAME: GENERAL NOTES

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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

SUNKEN LAUNDRY		
LAMPONE INVESTMENTS INC. CITY OF MARKHAM		
MODEL NAME T		
SCALE: 3/4"=1'-0"		
PROJ. No.	DWG. No.	
20-03	5	

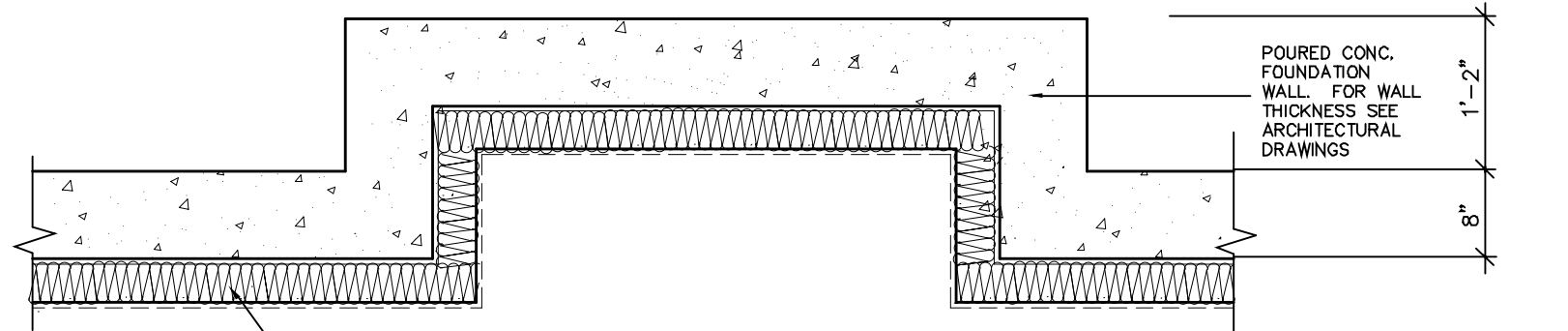


Date: 02/10/21

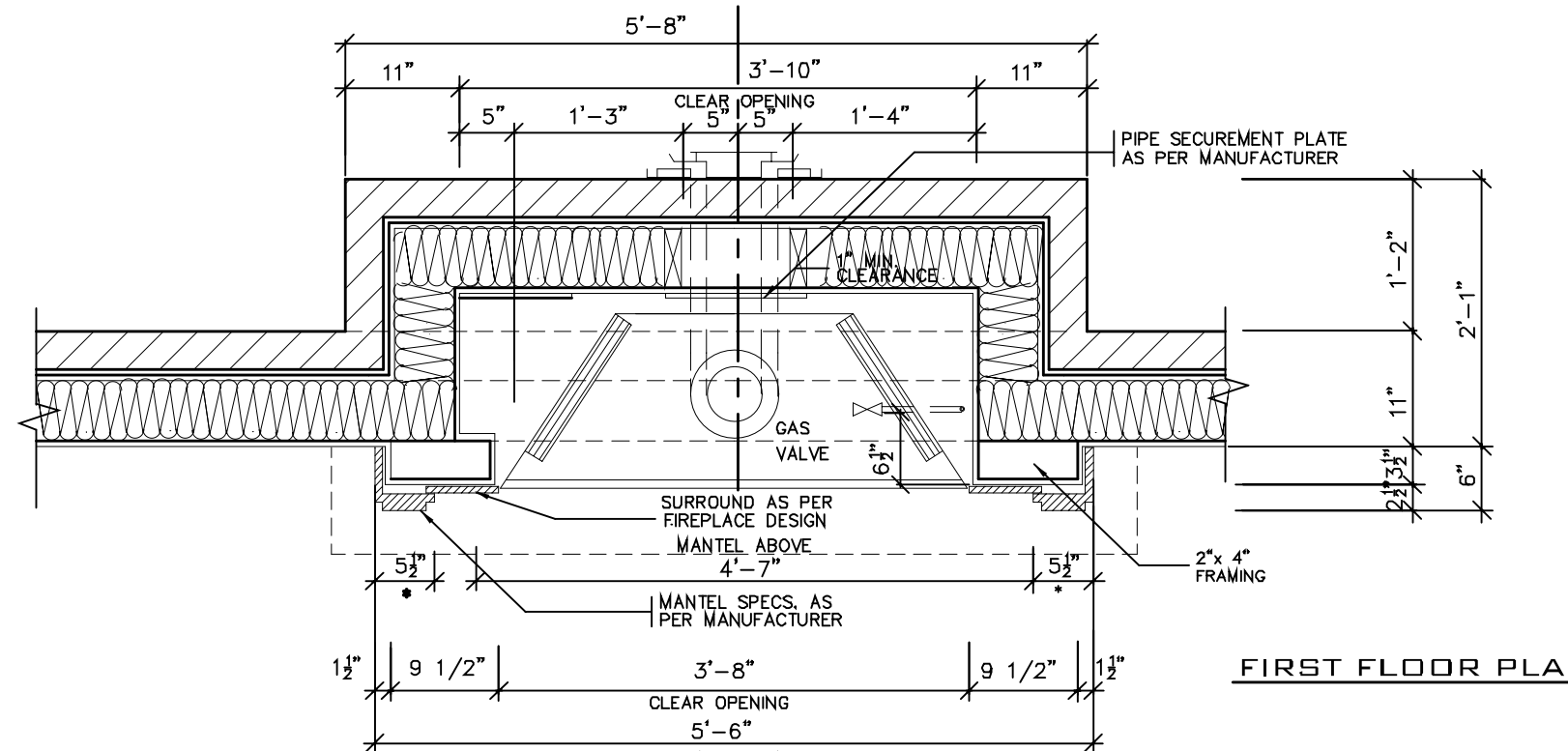
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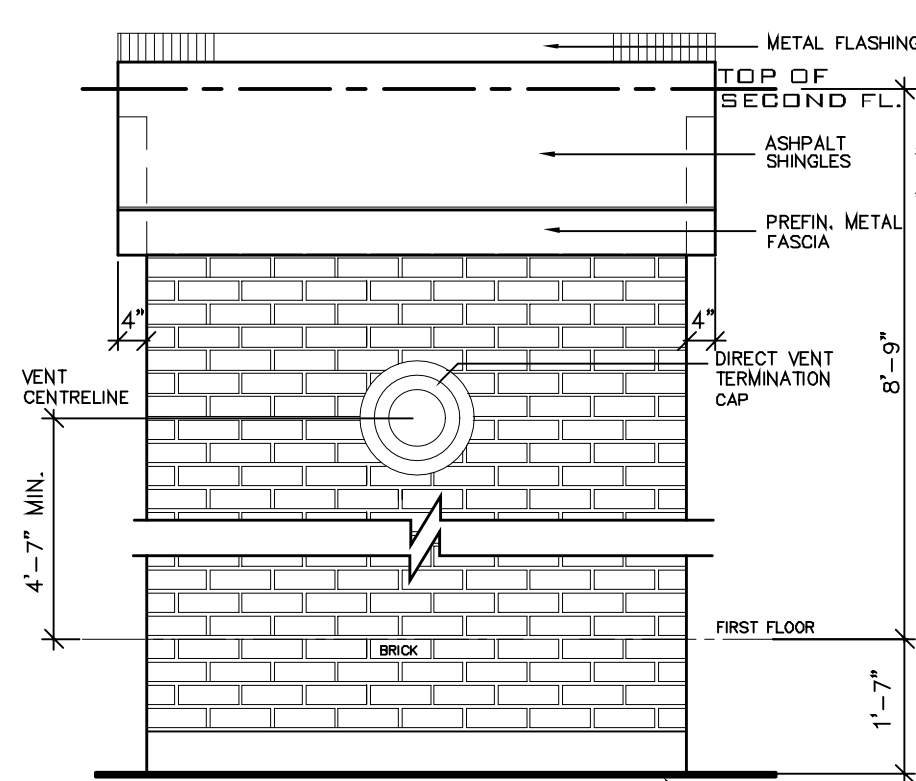


BASEMENT PLAN



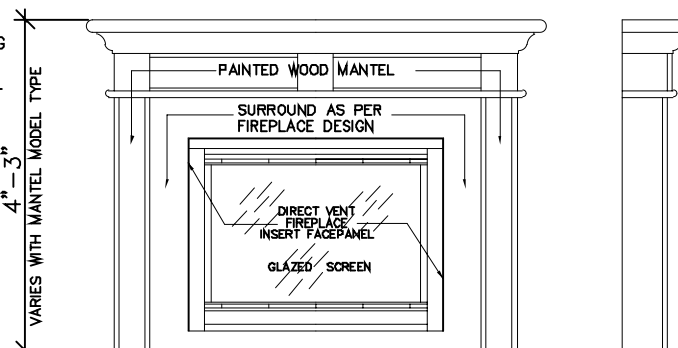
FIRST FLOOR PLAN

VARY REFERENCE TO MODEL



EXTERIOR ELEVATION

NOT TO SCALE

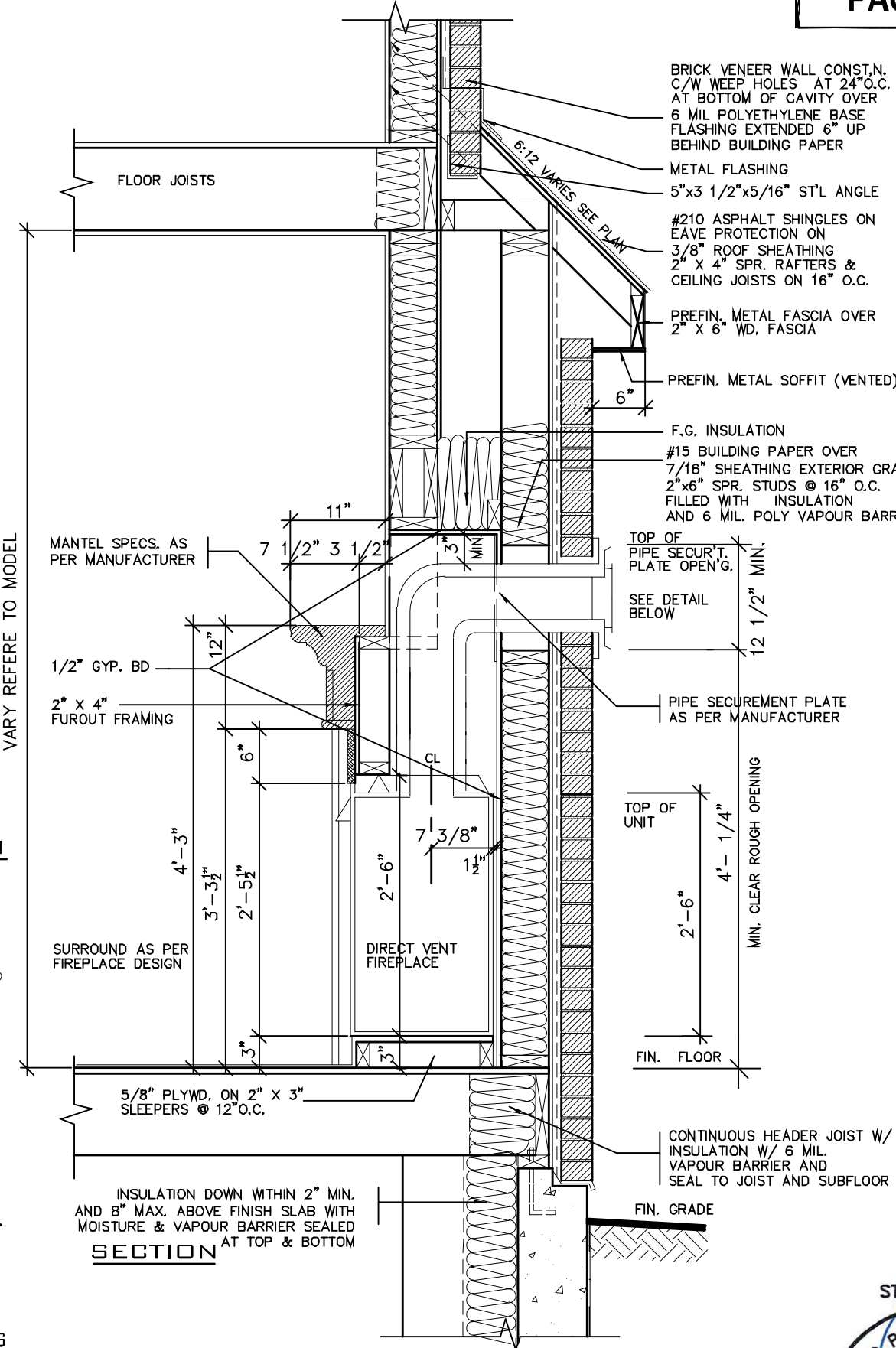


FRONT/SIDE ELEVATION

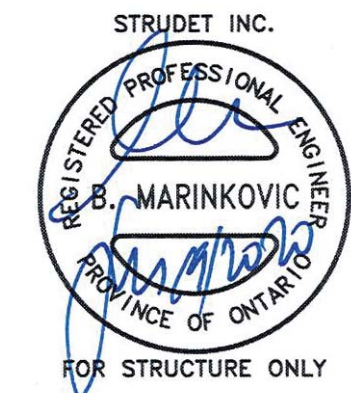
NOT TO SCALE

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/CSA-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.



SECTION



2012 CODE

7		
6		
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2	JULY 2, 2020	ISSUED FOR BUILDING PERMIT
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FIRM NAME		

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VAUGHAN ONT. L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

DIRECT VENT FIREPLACE	
LAMPONE INVESTMENTS INC. CITY OF MARKHAM	
MODEL NAME T	---
SCALE: 3/4"=1'-0"	
PROJ. No. 20-03	DWG. No. 6



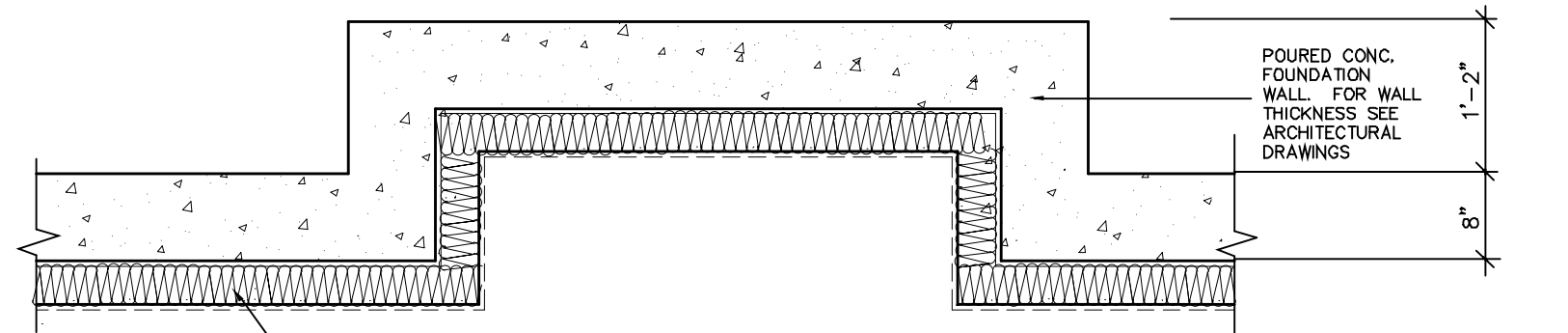
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Date: 02/10/21

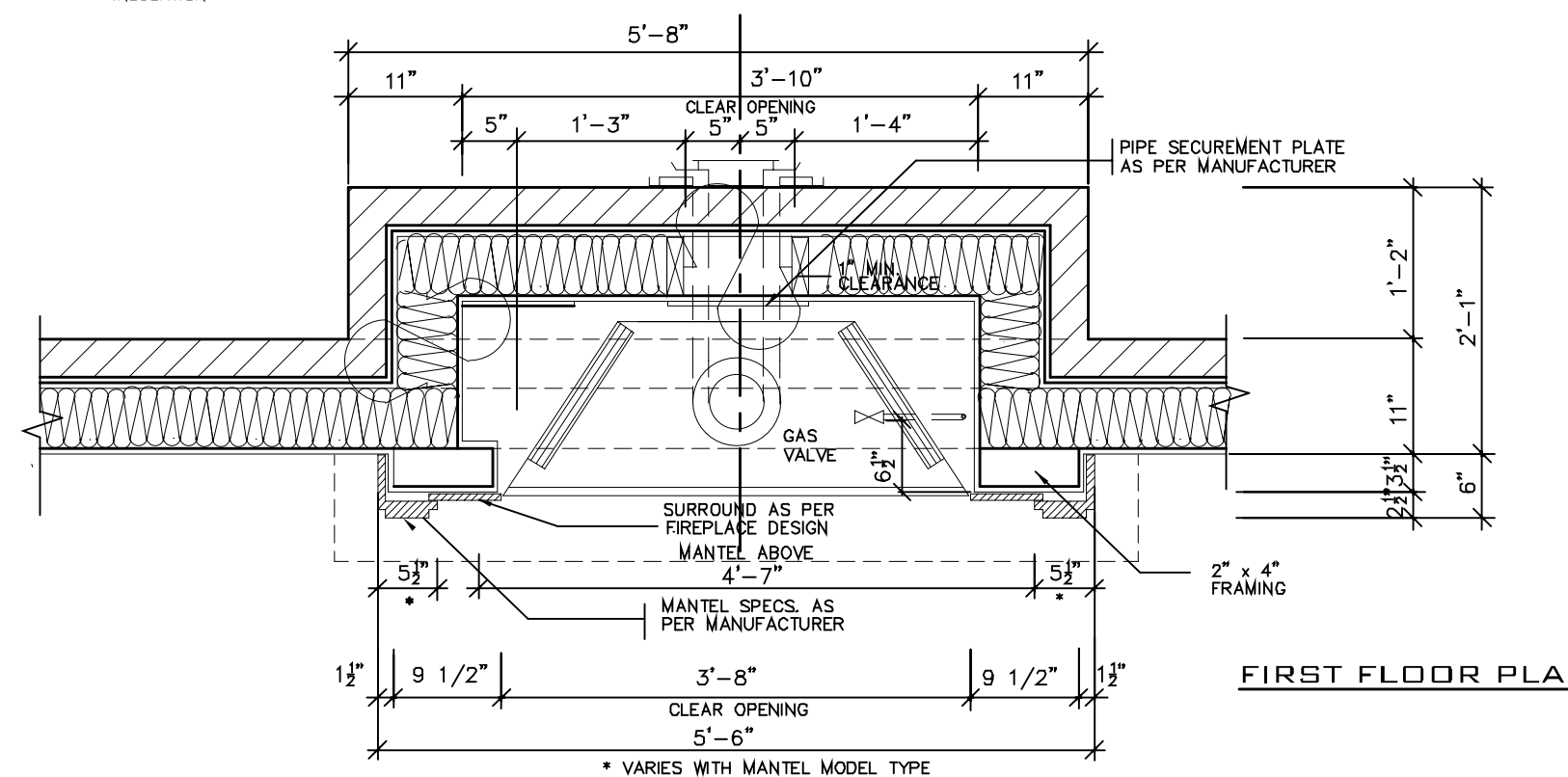
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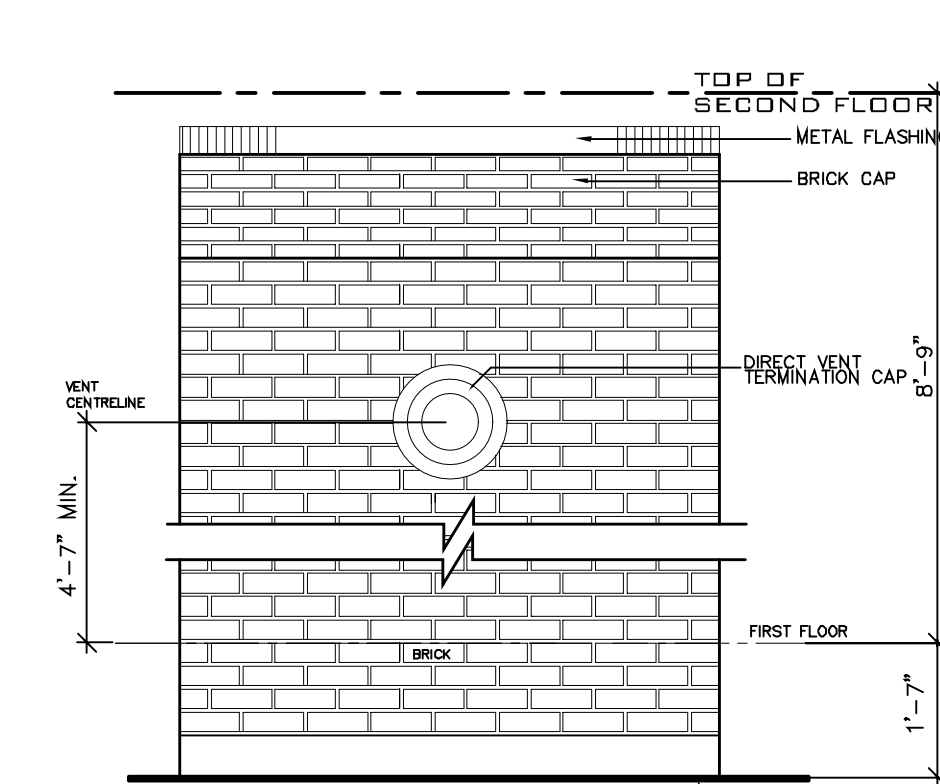
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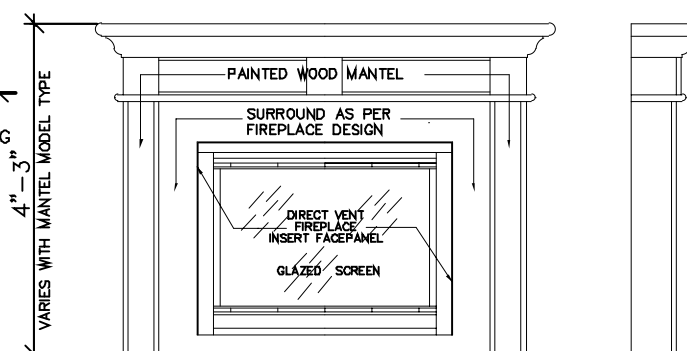
BASEMENT PLAN



FIRST FLOOR PLAN



EXTERIOR ELEVATION



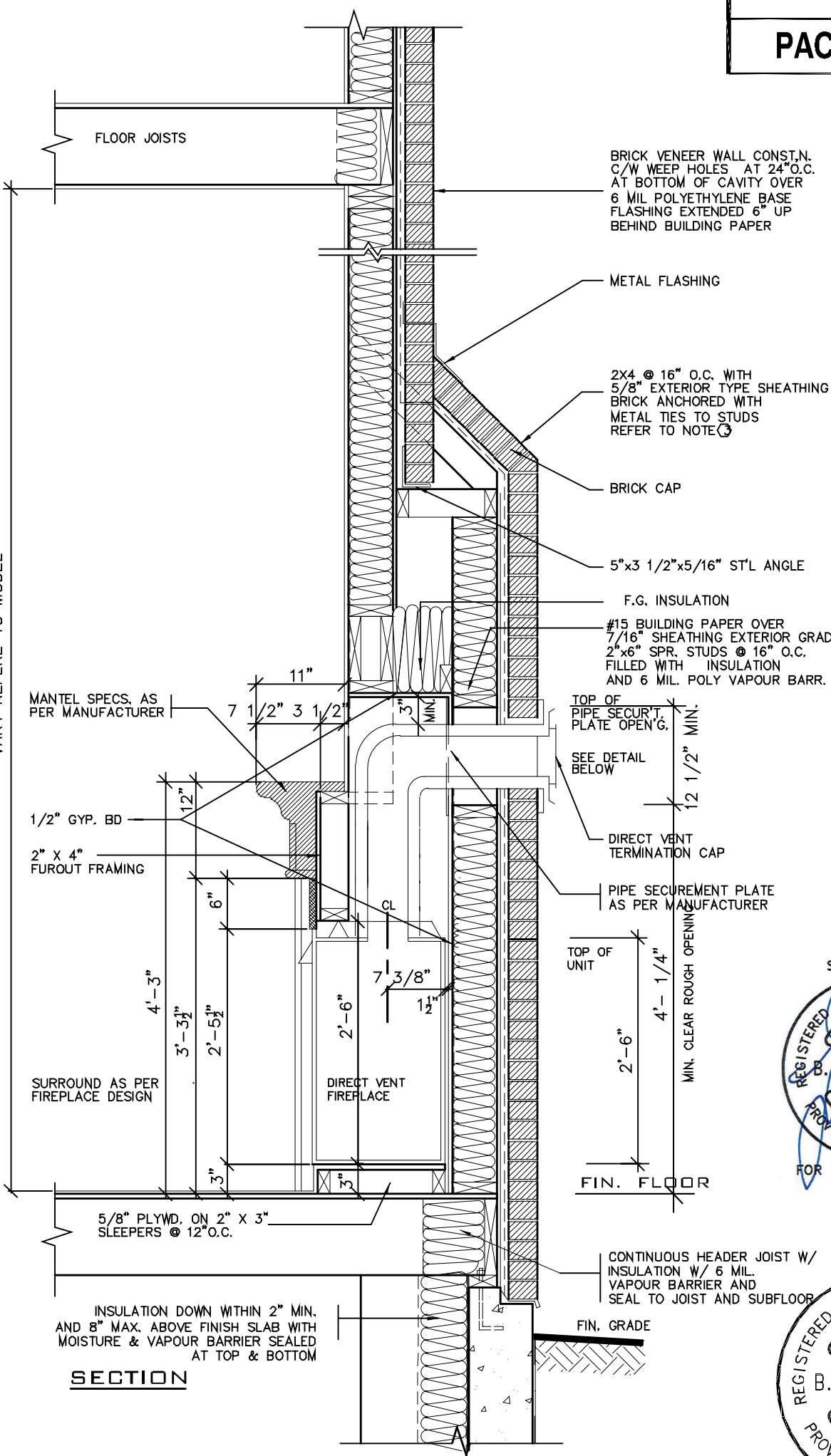
FRONT/SIDE ELEVATION

NOT TO SCALE

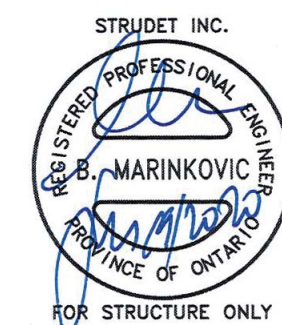
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VARY REFERENCE TO MODEL



SECTION



2012 CODE

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jardin design group inc.	27763	BCIN
FIRM NAME		

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	
LAMPONE INVESTMENTS INC. CITY OF MARKHAM	
MODEL NAME	T
SCALE:	3/4"=1'-0"
PROJ. No.	20-03
DWG. No.	6-1

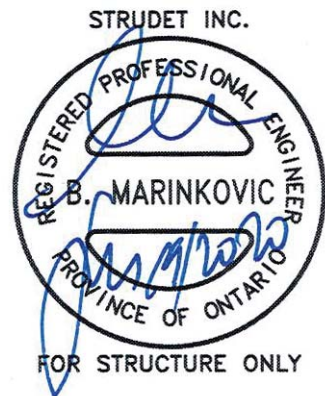
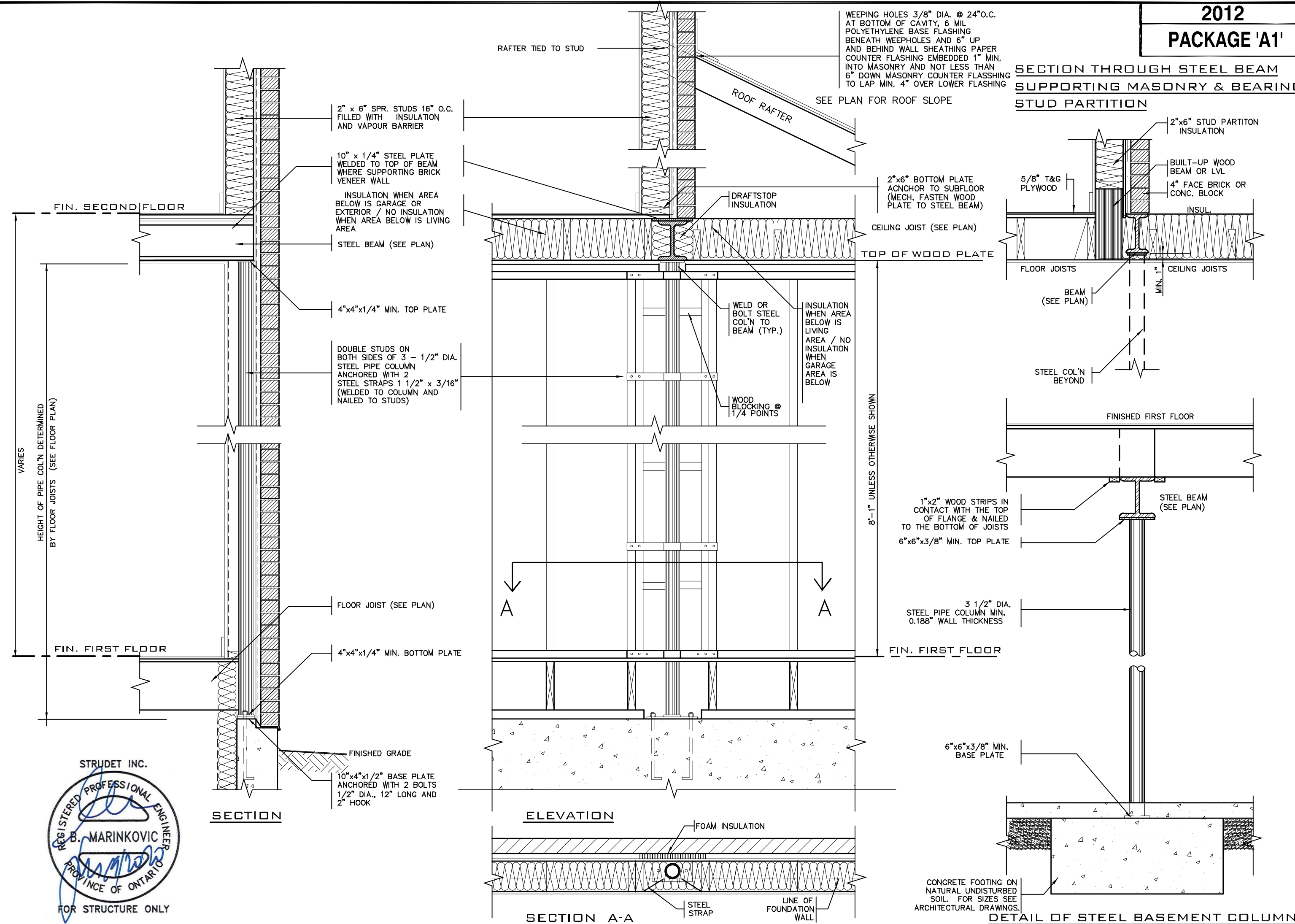


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jardin design group inc.	27763	
FIRM NAME		BCIN

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

LAMPONE INVESTMENTS INC.
CITY OF MARKHAM



MODEL NAME	T	---
SCALE:	3/4" = 1'-0"	
PROJ. No.	20-03	
DWG. No.	7	

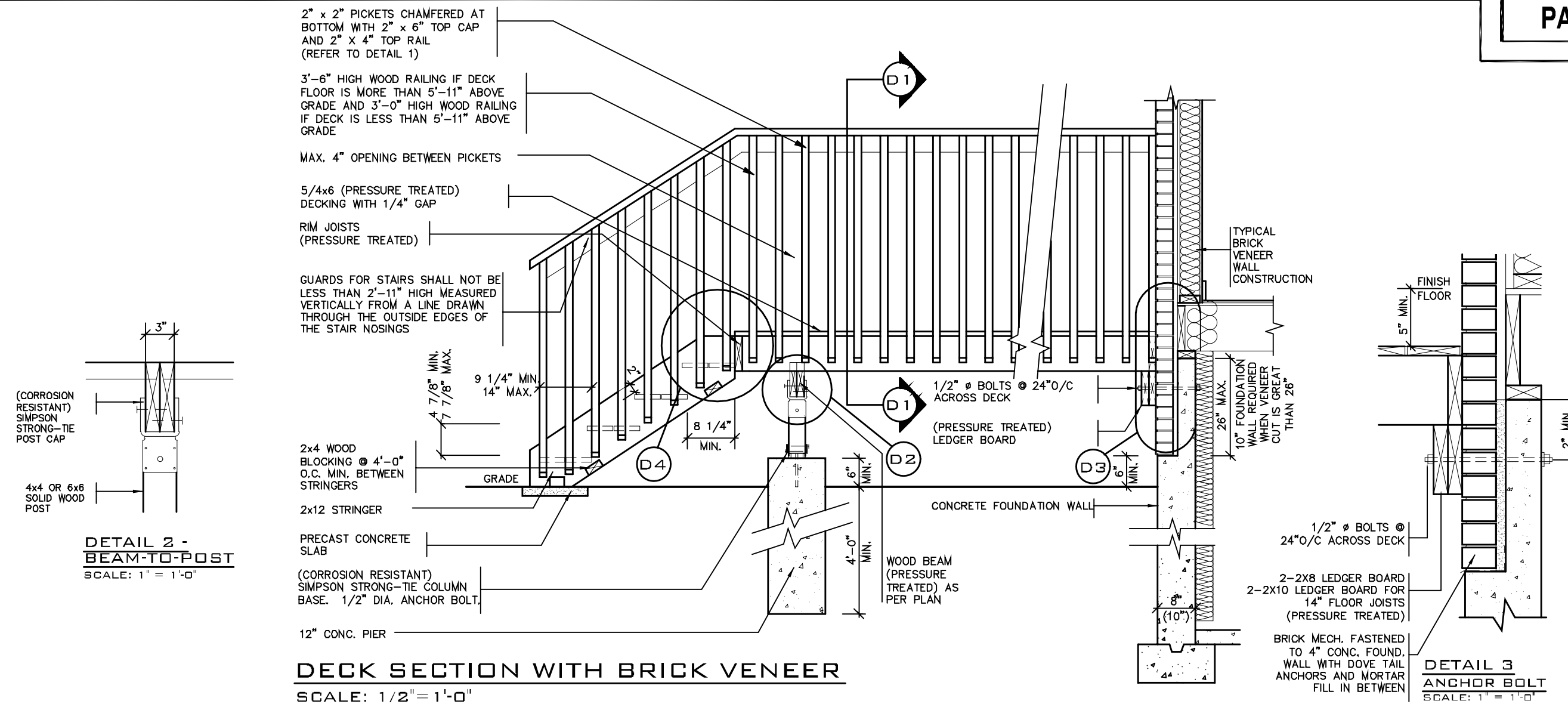


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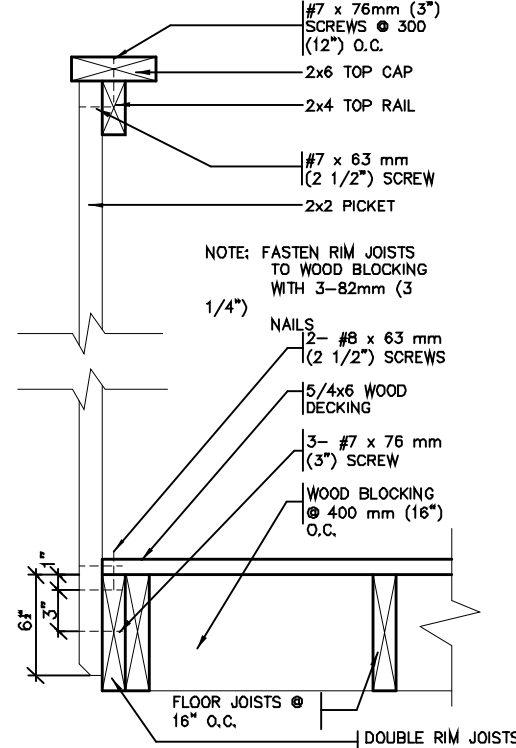
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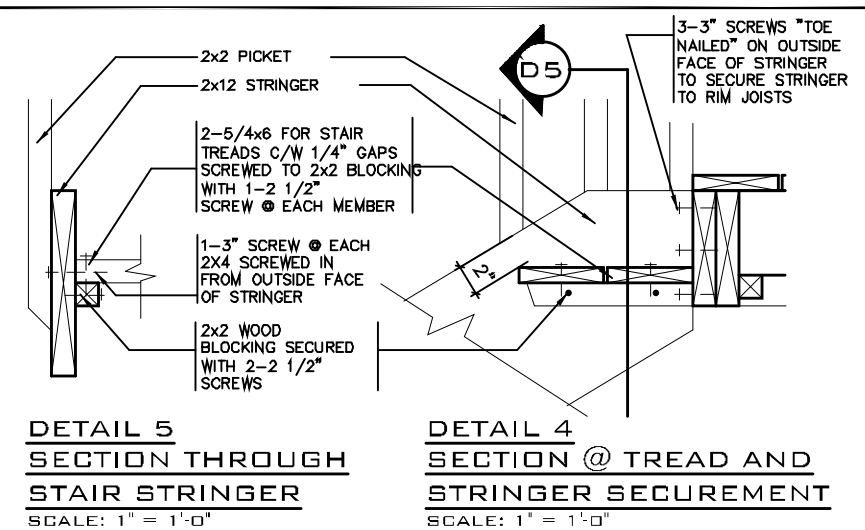
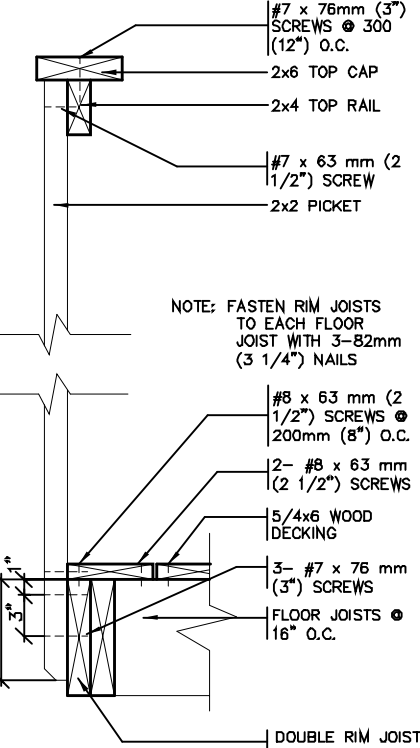


DECK SECTION WITH BRICK VENEER
SCALE: 1/2" = 1'-0"

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



DETAIL 2
GUARD PERPENDICULAR TO FLOOR JOISTS
SCALE: 1" = 1'-0"



DETAIL 4
SECTION THROUGH STAIR STRINGER
SCALE: 1" = 1'-0"

DETAIL 5
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].



2012 CODE

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6		
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3		
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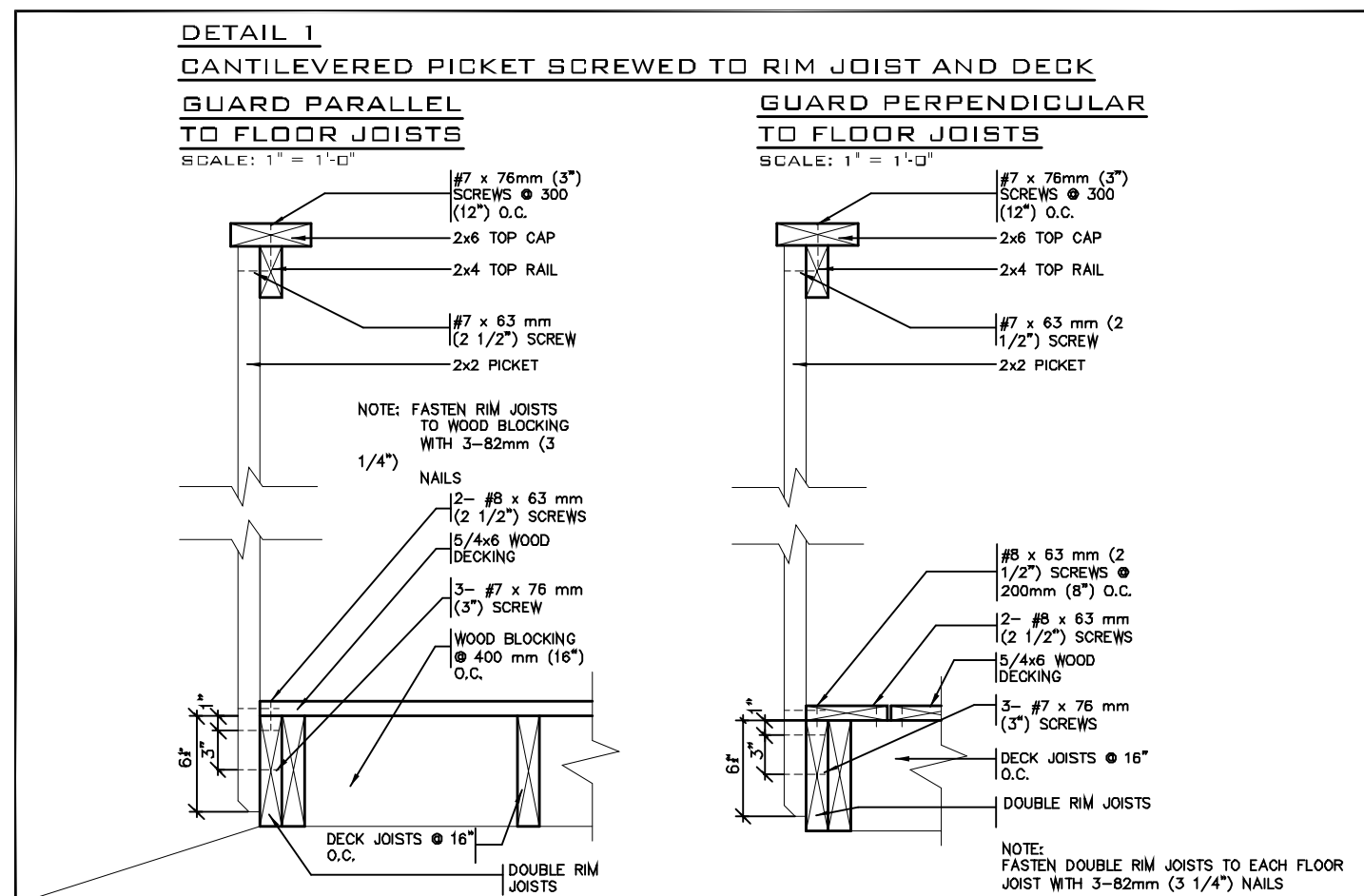
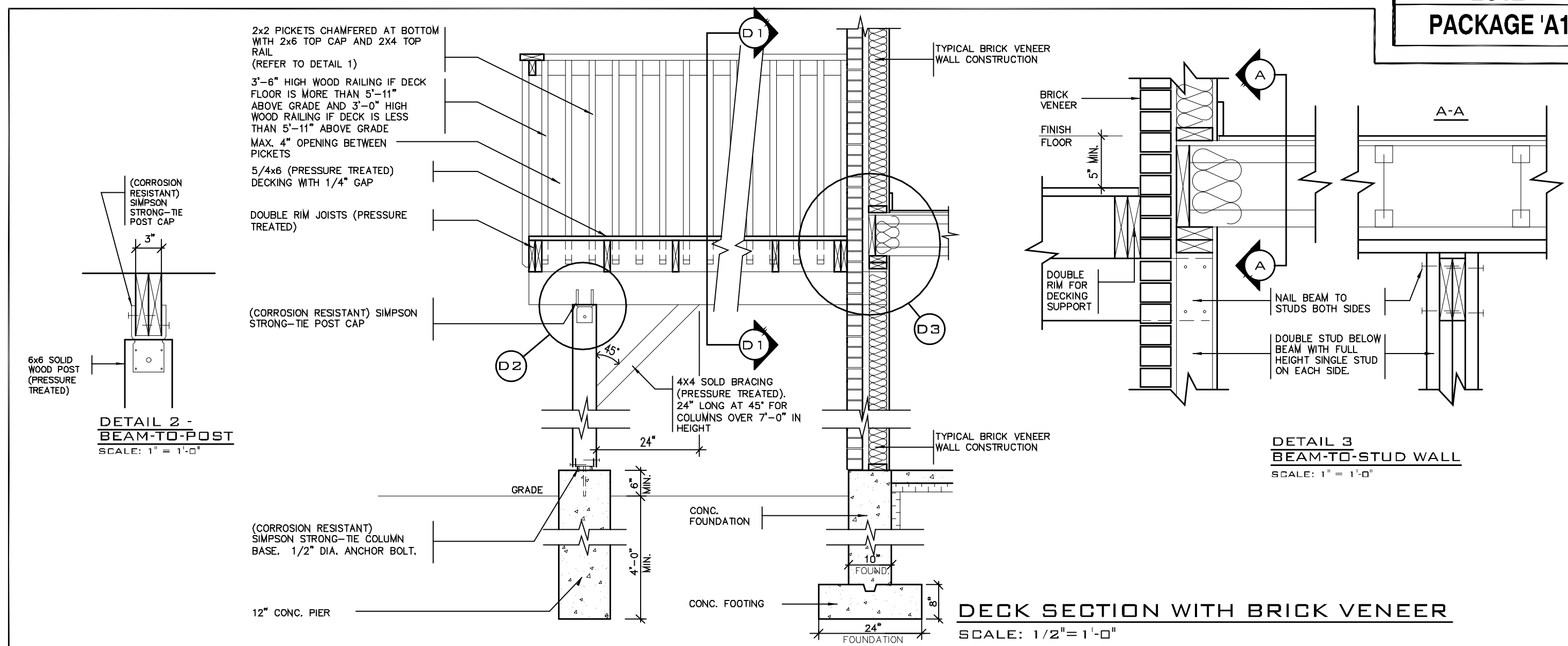
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64 JARDIN DR. SUITE 3A
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TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

WOOD DECK DETAIL
LAMPONE INVESTMENTS INC.
CITY OF MARKHAM

MODEL NAME	T
SCALE	AS SHOWN
PROJ. No.	20-03
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 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 ENTRAINED.
5. FOOTING TO BE PLACED ON UNDISTURBED SOIL WITH MIN. BEARING PRESSURE OF 150KPa [3130psf].



2012 CODE

1	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.	7		
2	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."	6		
3	AS CONTRACTED, THE INVERTS MUST BE VERIFIED PRIOR TO POURING FOOTINGS.	4		
4	JARDIN DESIGN GROUP INC. HAS NOT BEEN RETAINED TO CARRY OUT GENERAL REVIEW OF THE WORK AND ASSUMES NO RESPONSIBILITY FOR THE FAI. JRD OF THE CONTRACTOR OR SUB CONTRACTOR TO CARRY OUT THE WORK IN ACCORDANCE WITH THE PROVIDED DOCUMENTS.	3		
5	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.	2	JULY 2, 2020	ISSUED FOR BUILDING PERMIT
6		1	AUG. 17, 2018	PREPARED TO PACKAGE A11 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 *Walter Botter* 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: 905 660-371
EMAIL: info@jardindesign.ca

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

WALK-OUT DECK DETAIL

LAMPONE INVESTMENTS INC.
CITY OF MARKHAM



MODEL NAME	T	----
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SCALE: AS SHOWN

PROJ. No.	DWG. No.
20-03	8-1

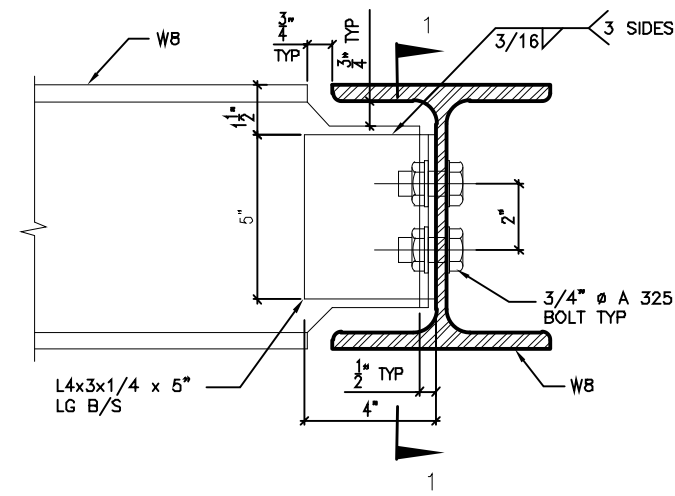


Date: **02/10/21**

**ALL CONSTRUCTION SHALL COMPLY WITH
THE ONTARIO BUILDING CODE**

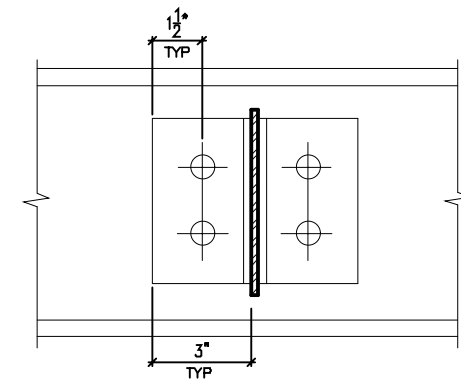
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CAUSE A BUILDING TO BE CONSTRUCTED EXCEPT IN ACCORDANCE
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ALL OTHER APPLICABLE LAWS INCLUDING THE PROVISIONS OF A
SITE PLAN AND / OR SUBDIVISION AGREEMENT WHICH MAY OR MAY
NOT BE REGISTERED ON TITLE

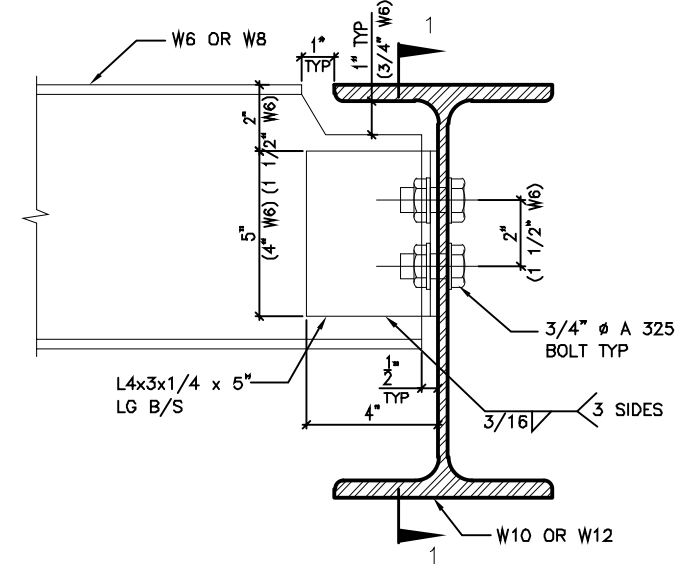


DETAIL 1.

**W8
TO
W8
CONNECTION**

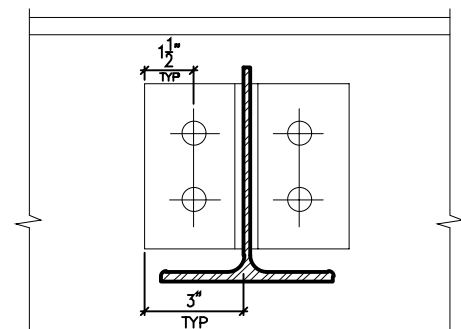


SECTION 1-1

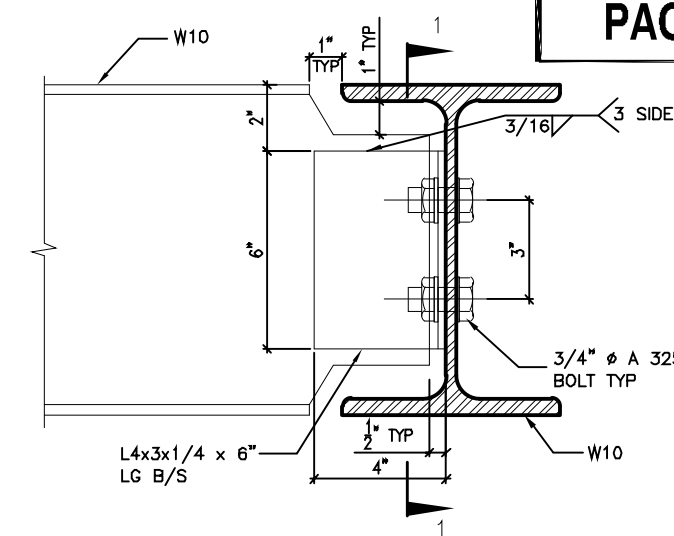


DETAIL 2.

**W6(W8)
TO
W10(W12)
CONNECTION**

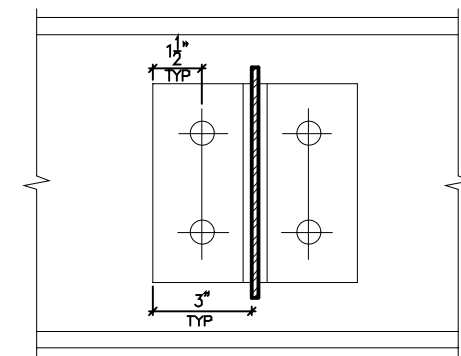


SECTION 1-1

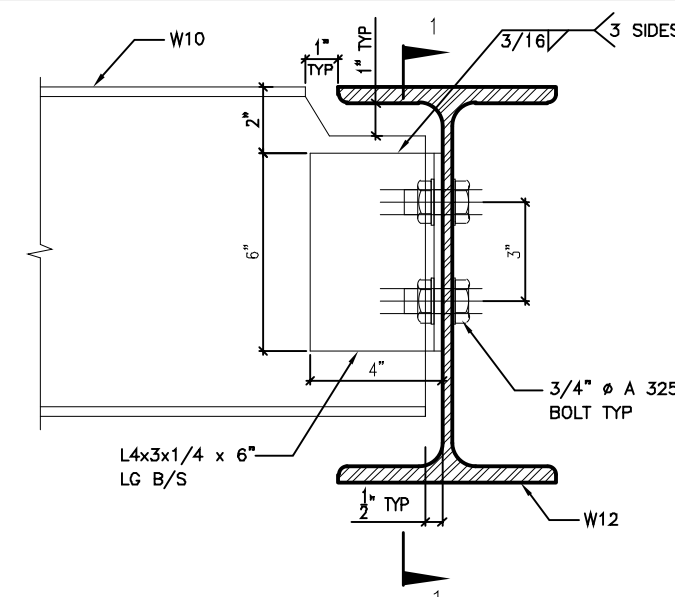


DETAIL 3.

**W10
TO
W10
CONNECTION**

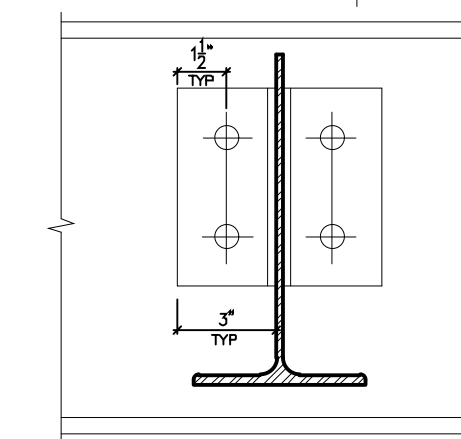


SECTION 1-1

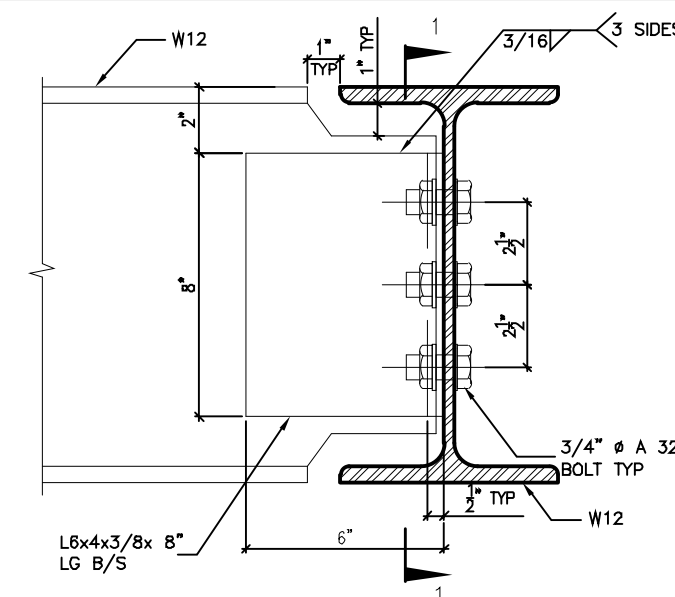


DETAIL 4.

**W10
TO
W12
CONNECTION**

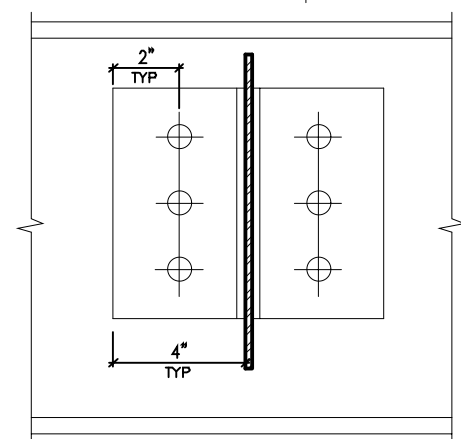


SECTION 1-1



DETAIL 5.

**W12
TO
W12
CONNECTION**

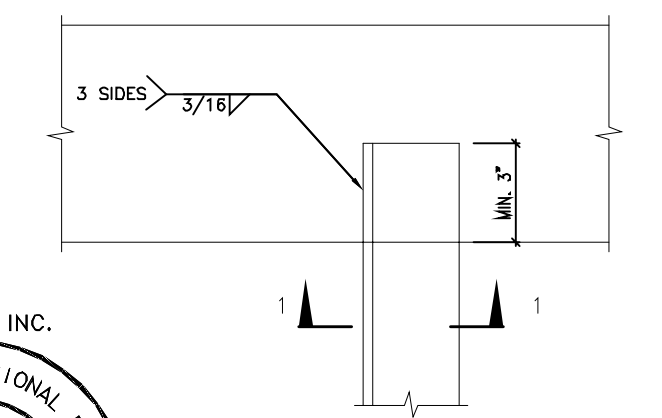


SECTION 1-1

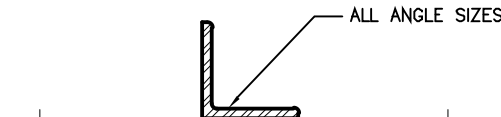


DETAIL 6.

**ANGLE
TO
BEAM
CONNECTION**



PLAN VIEW



ALL BEAM SIZES SECTION 1-1

2012 CODE

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No: DATE: WORK DESCRIPTION:			

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Walter Botter <i>WBE</i> 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	
LAMPONE INVESTMENTS INC. CITY OF MARKHAM	
MODEL NAME T ---	
SCALE: N.T.S.	
PROJ. No. 20-03	DWG. No. 9

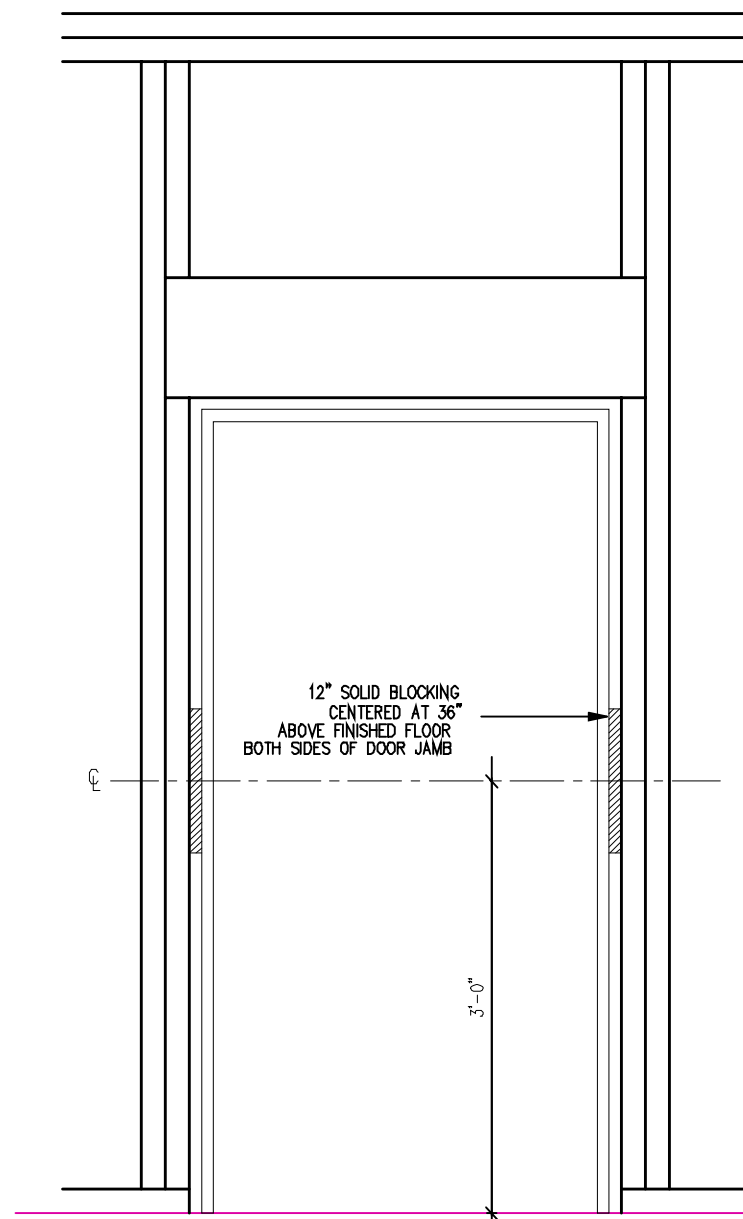


Date: 02/10/21

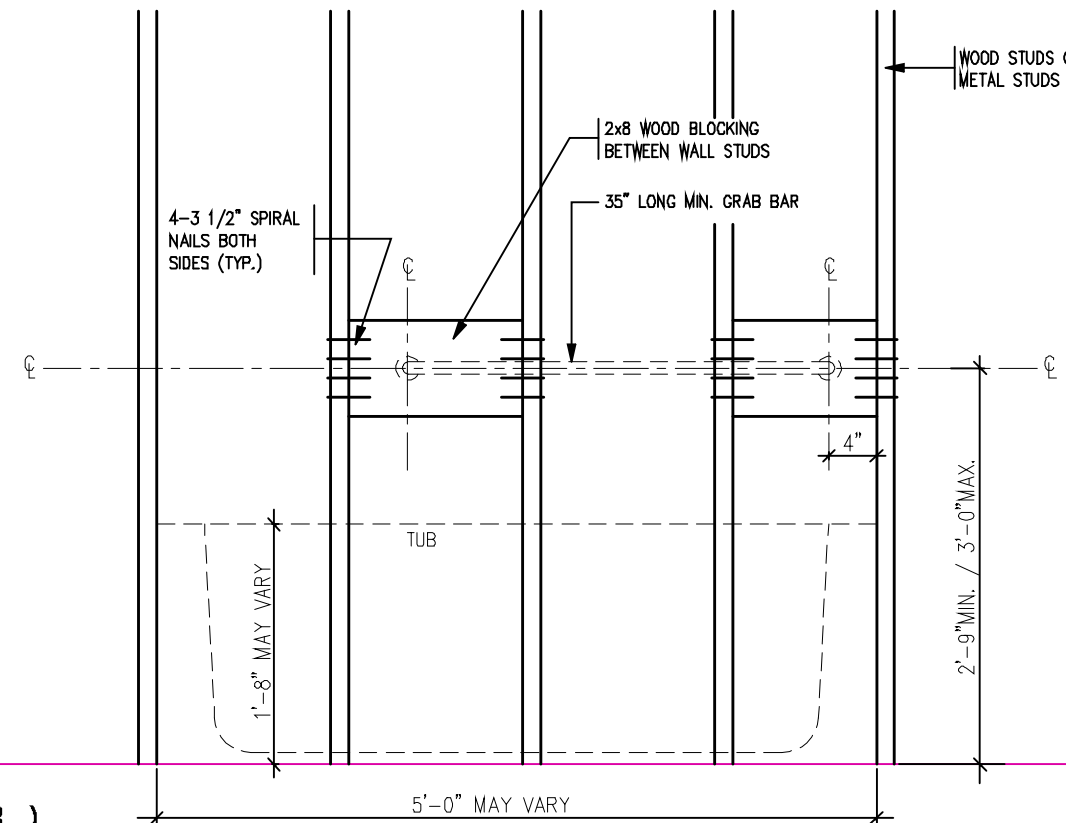
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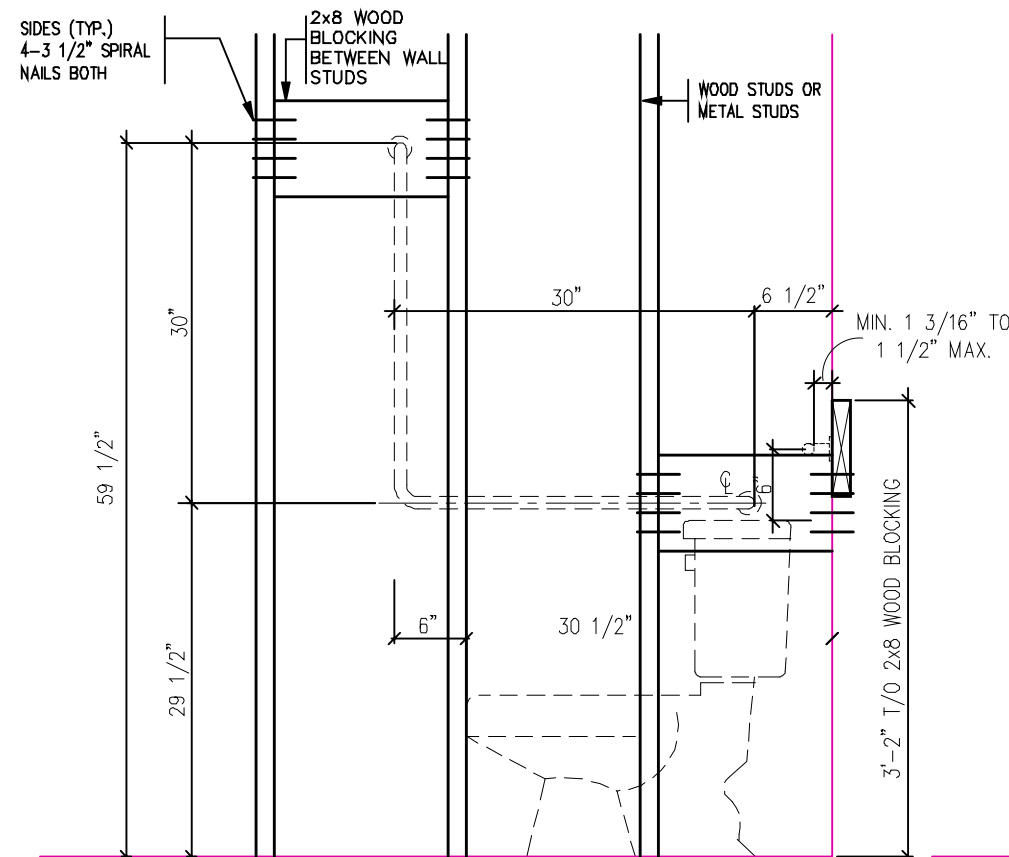
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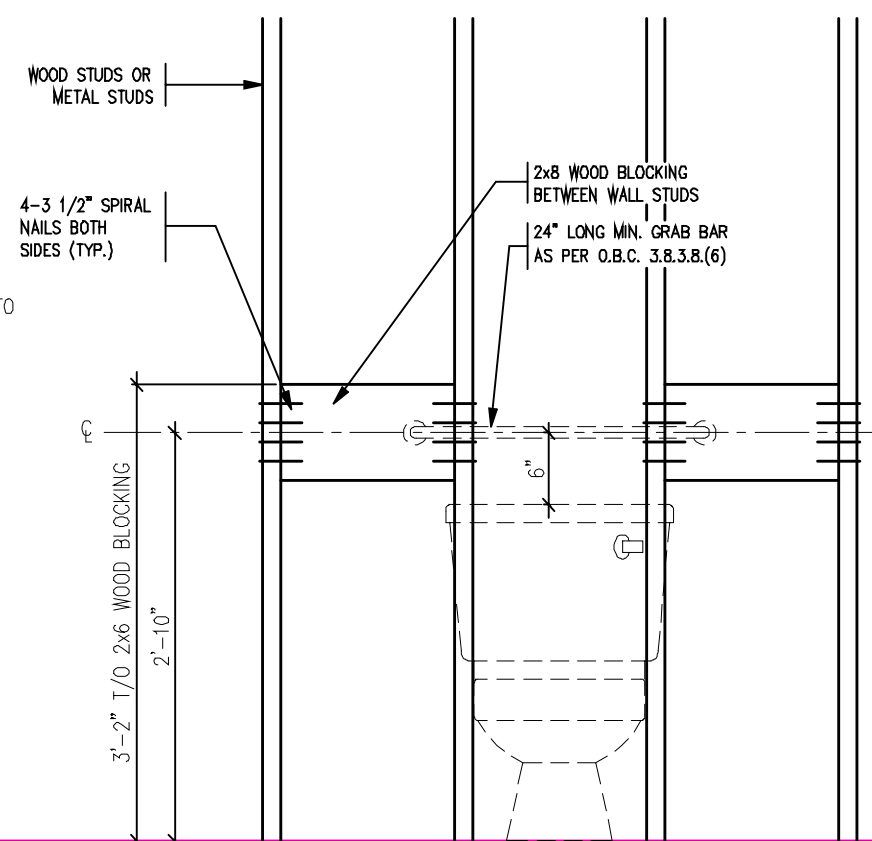
RESISTANCE TO FORCED ENTRY (OBC 9.6.8.)



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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7		
6		
5		
4		
3		
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Walter Botter *WBe* 21031
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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

BLOCKING FORCED ENTRY & GRAB BAR	
LAMPONE INVESTMENTS INC. CITY OF MARKHAM	
MODEL NAME T	---
SCALE: 3/4"=1'-0"	
PROJ. No. 20-03	DWG. No. 10

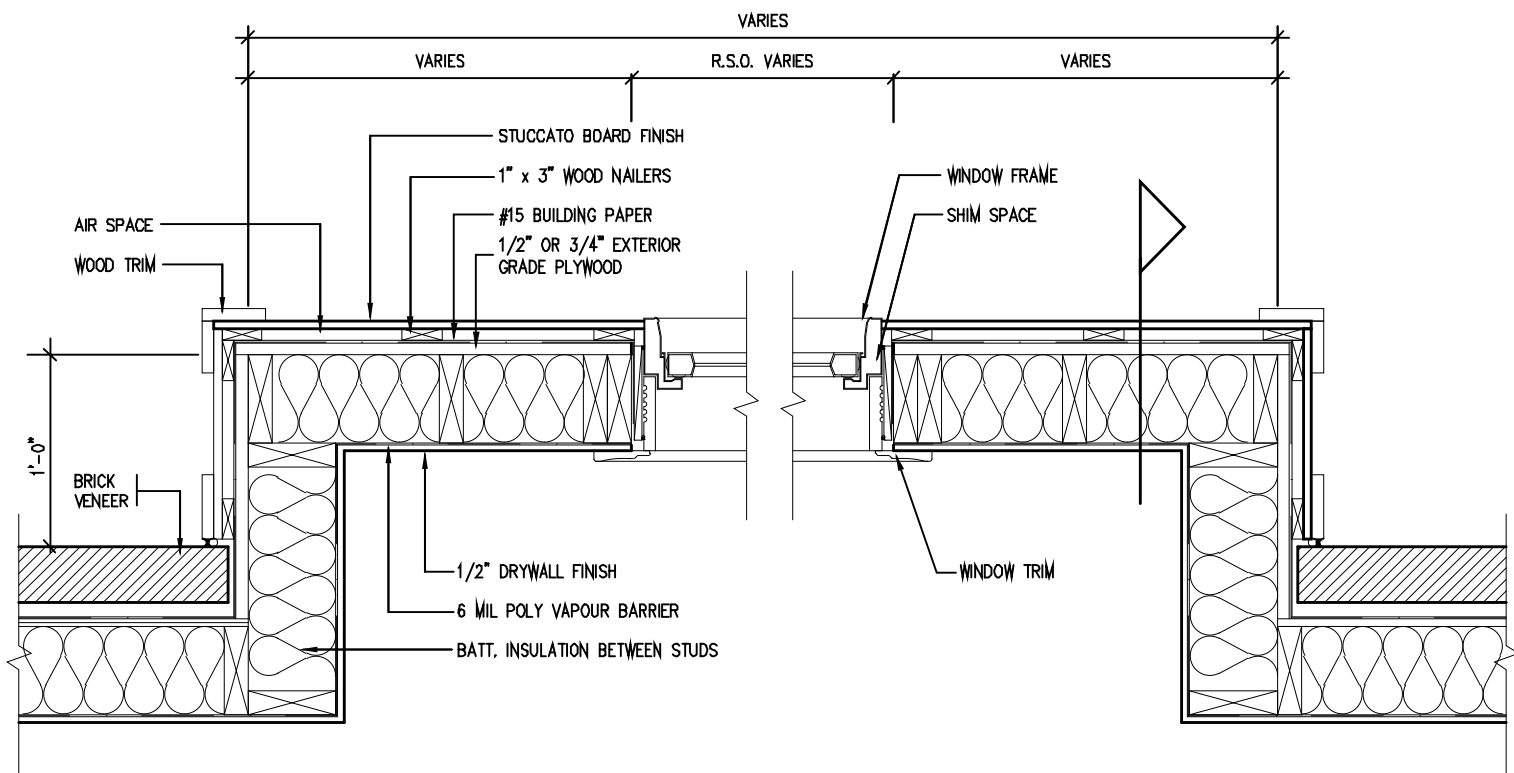


Date: 02/10/21

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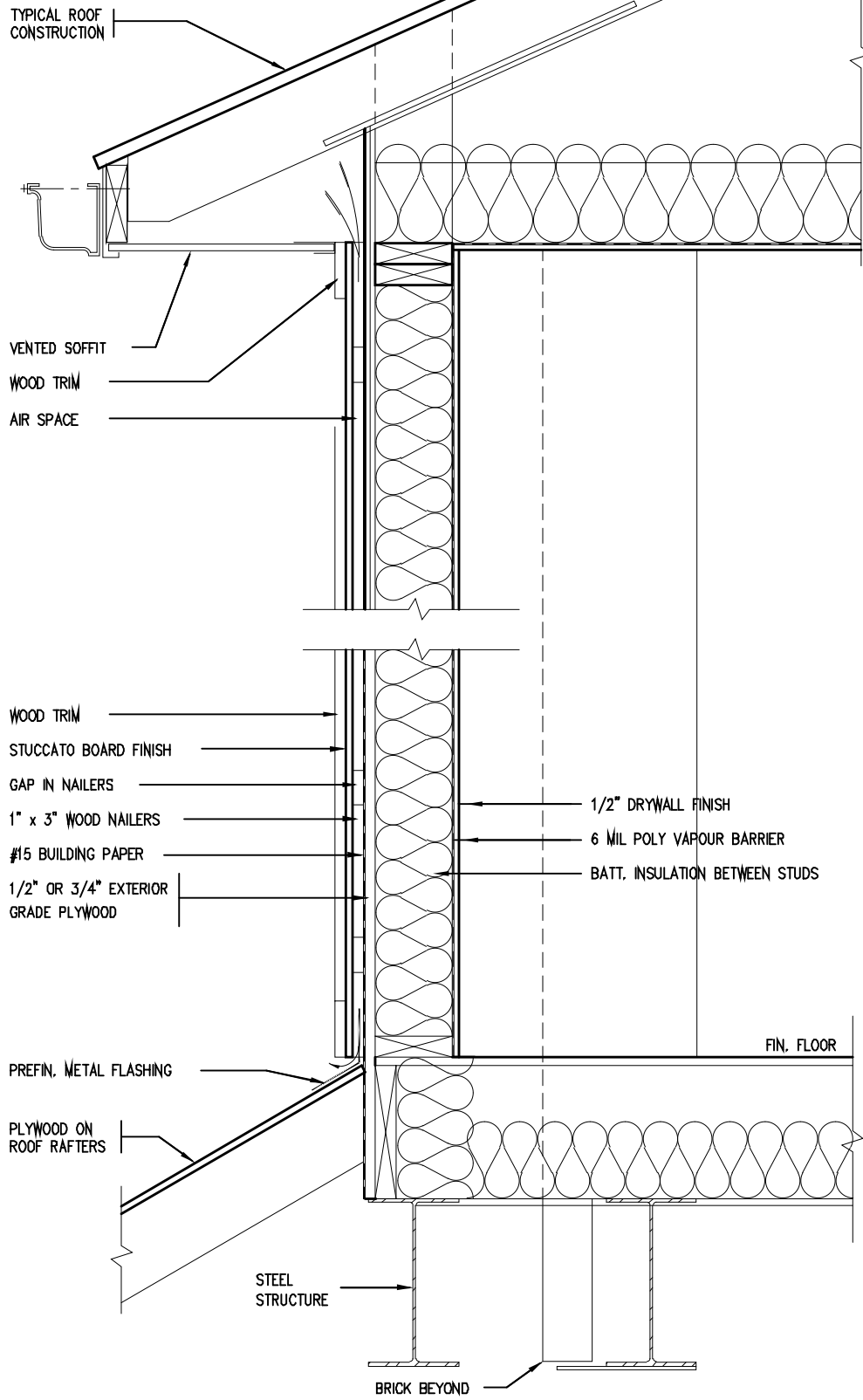
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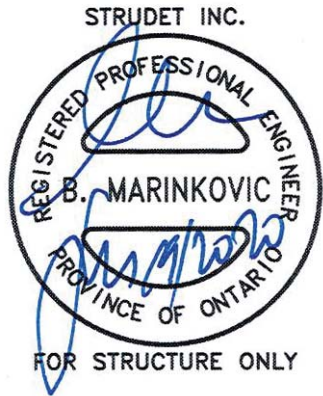


PLAN VIEW

STUCCATO BOARD FINISH CLADDING (OBC 9.27.)



CROSS SECTION



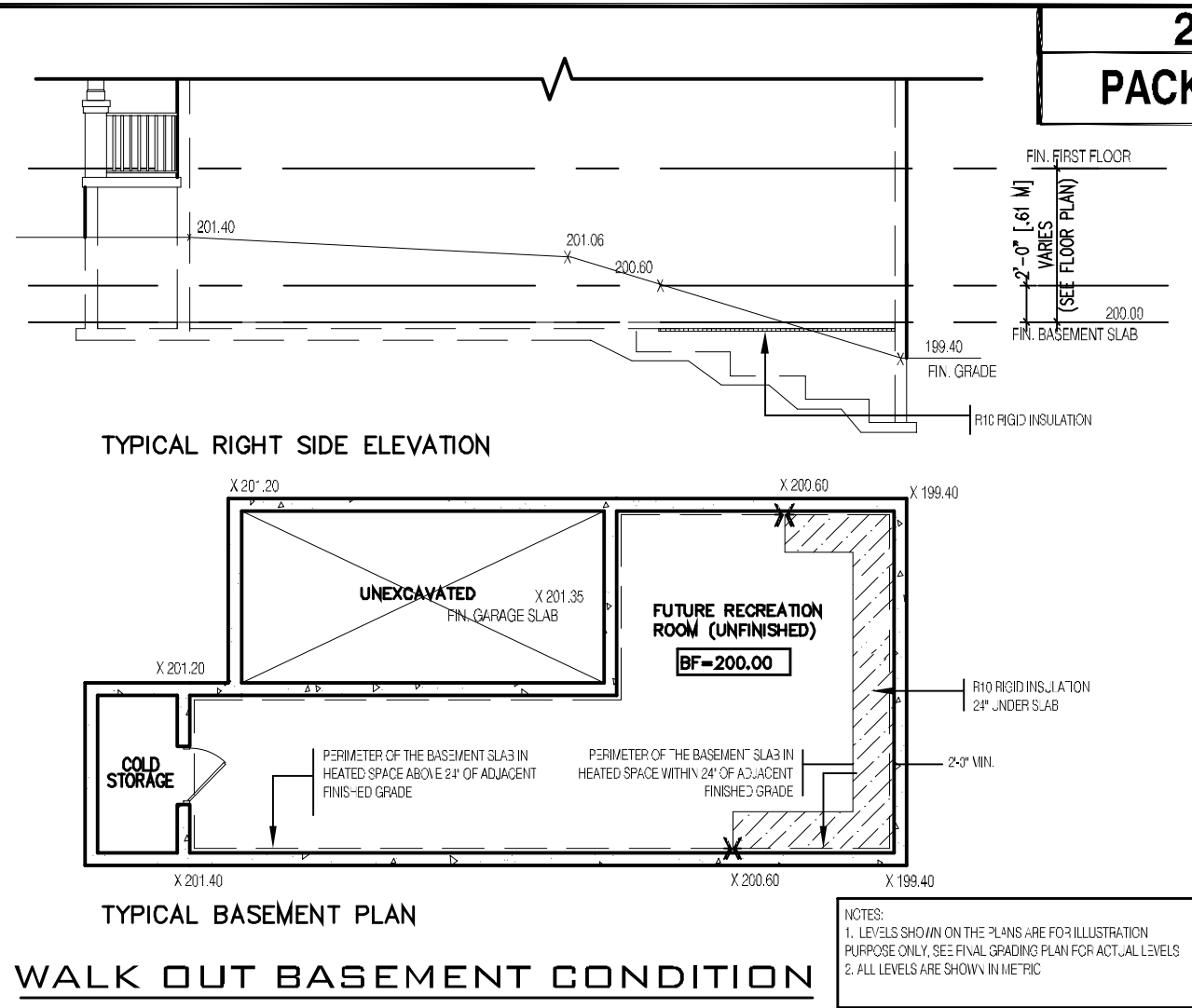
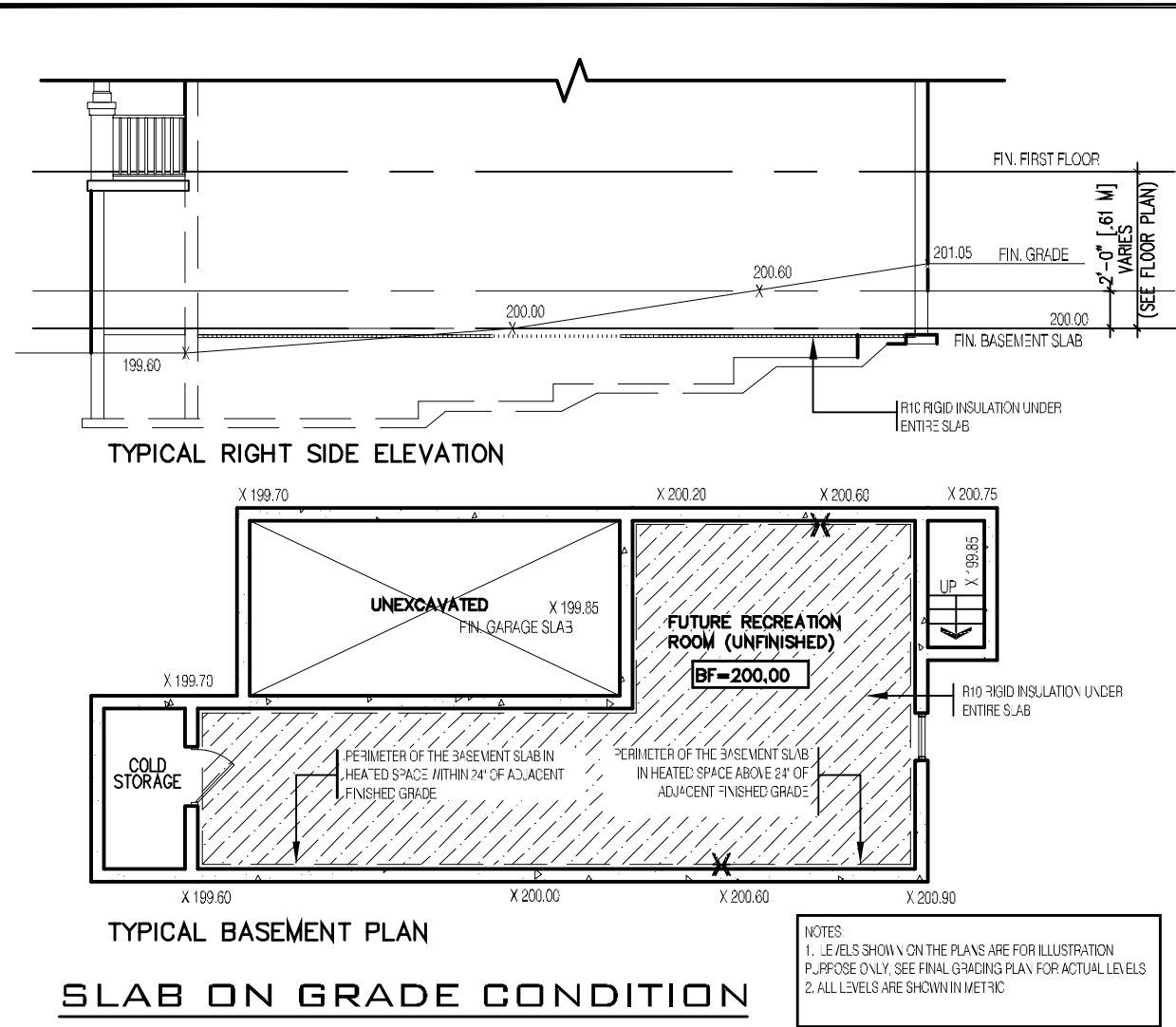
2012 CODE

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Walter Botter	21031	
NAME	SIGNATURE	BCIN
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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

STUCCATO BOARD FINISH CLADDING	
LAMPONE INVESTMENTS INC. CITY OF MARKHAM	
MODEL NAME	T
SCALE:	1"= 1'-0"
PROJ. No.	20-03
DWG. No.	11

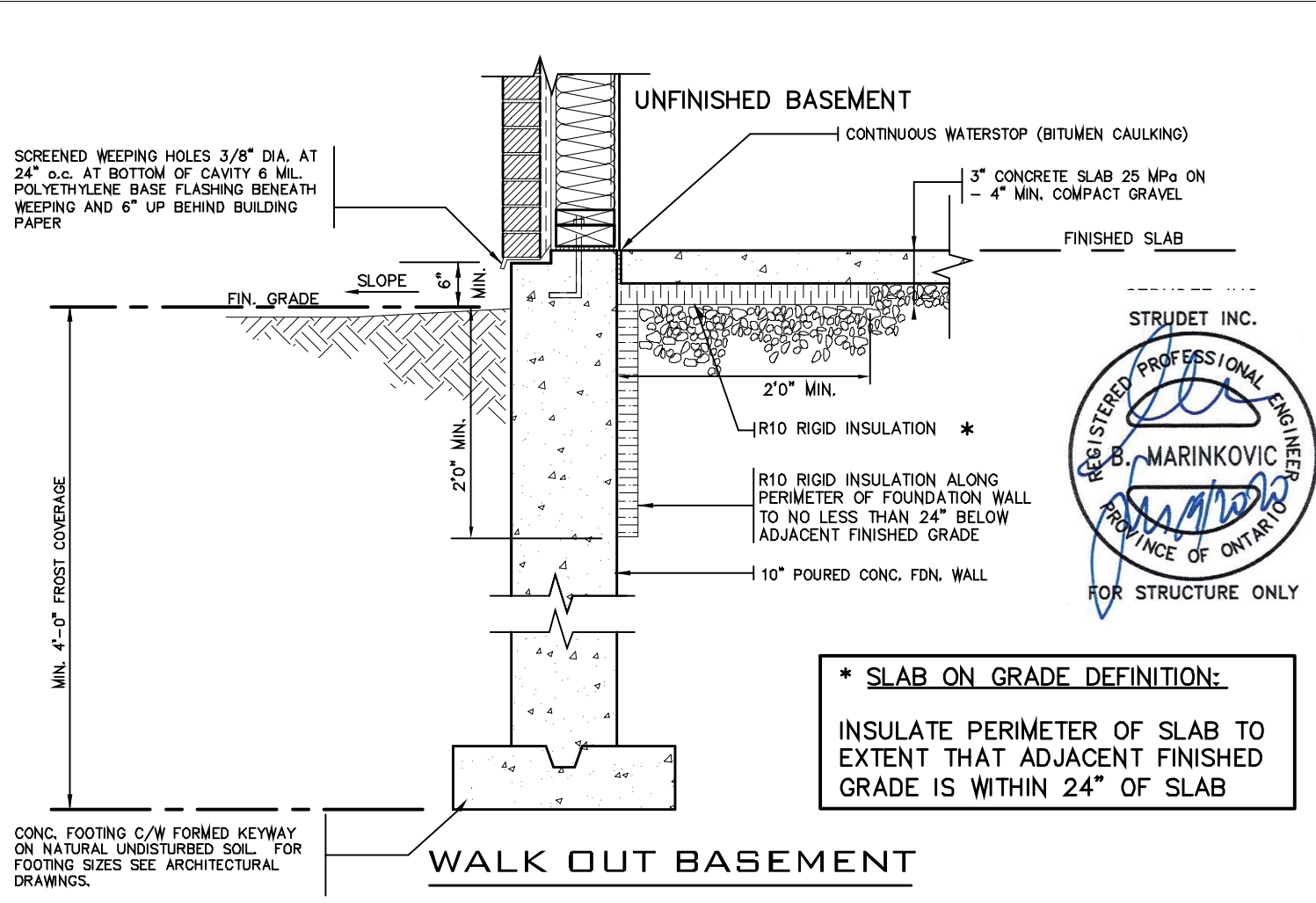
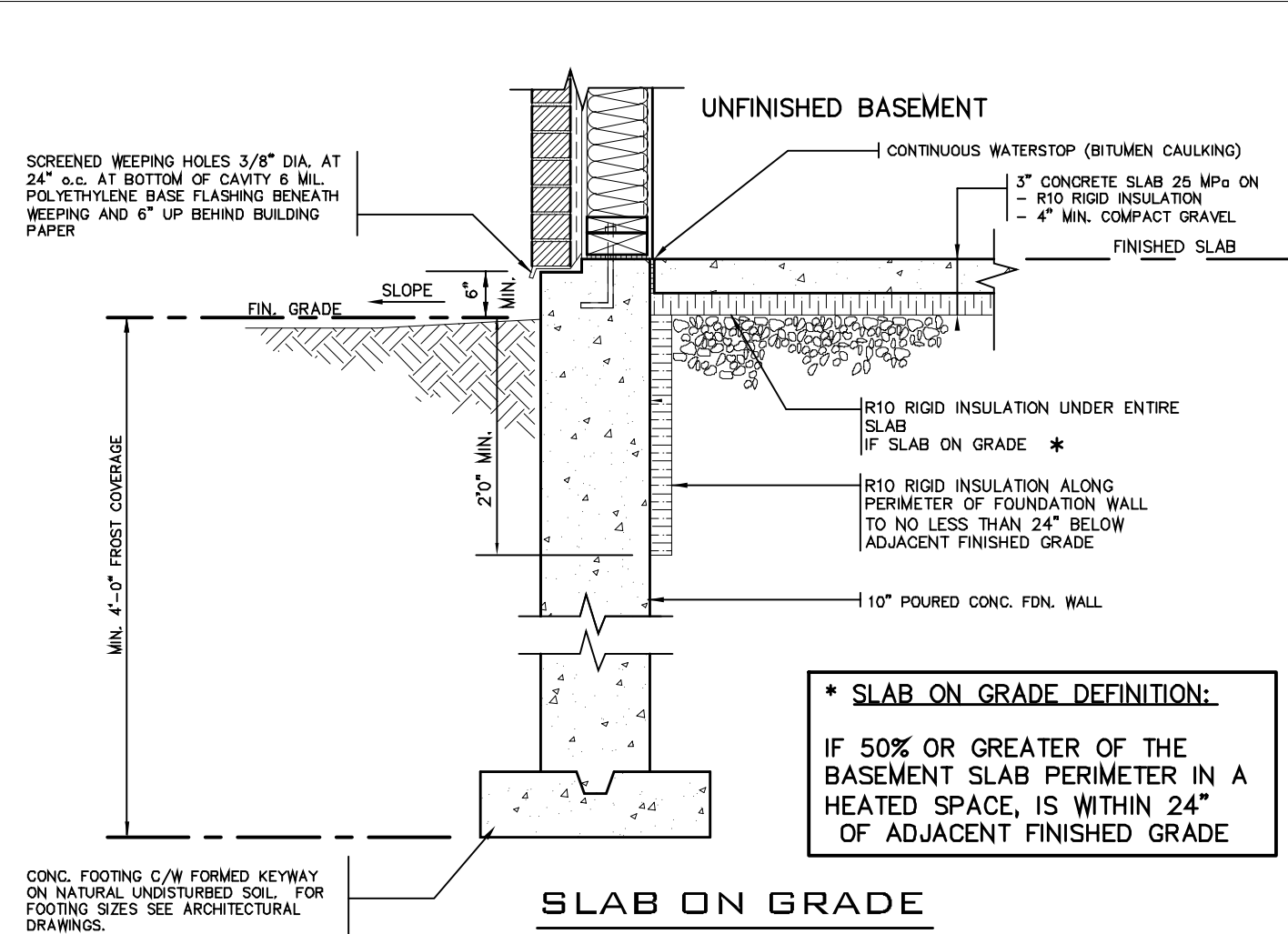


Date: 02/10/21

ALL CONSTRUCTION SHALL COMPLY WITH THE ONTARIO BUILDING CODE

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7		
6		
5		
4		
3		
2	JULY 2, 2020	ISSUED FOR BUILDING 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 21031
NAME SIGNATURE BCIN

REGISTRATION INFORMATION
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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

2012 CODE

SLAB ON GRADE
WALKOUT BASEMENT

LAMPONE INVESTMENTS INC.
CITY OF MARKHAM

MODEL NAME
T

SCALE: N.T.S.

PROJ. No. 20-03

DWG. No. 12



Date: 02/10/21

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GENERAL NOTES

1. EXTERIOR STAIRS

7 7/8" RISE MAXIMUM
8 1/4" RUN MINIMUM
9 1/4" TREAD MINIMUM

2. MASONRY TIES

WHEN BRICK FACING IS USED ABOVE GROUND
LEVEL, PROVIDE 3/16" DIA. CORROSION
RESISTANT METAL TIES @ 36" HORIZONTAL &
8" VERTICAL

3. 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.

4. HANDRAIL

ARE REQUIRED WHERE STEPS HAVE MORE
THAN 3 RISERS, HANDRAIL HEIGHT 31" -
38".

5. FOUNDATION WALLS

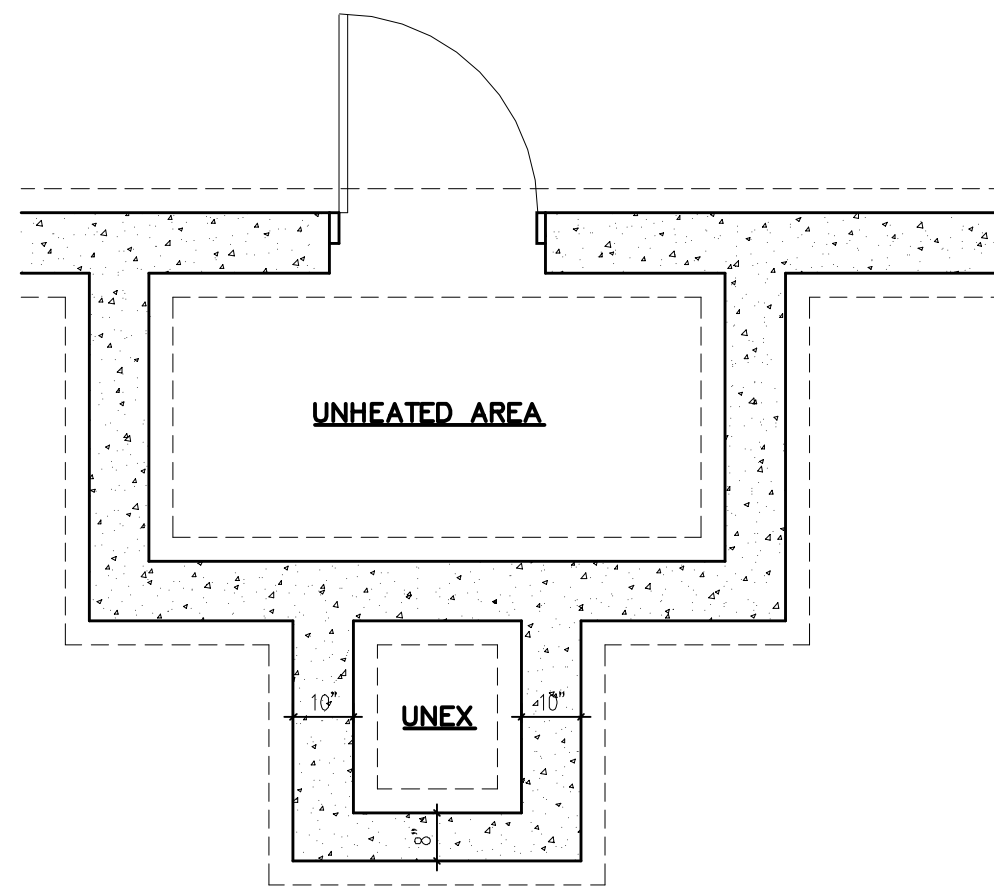
THICKNESS OF FOUNDATION WALLS IS
DEPENDANT UPON VENEER CUT 8" FOR UP
TO 26" VENEER CUT HEIGHT 10" FOR
VENEER CUT OVER 26" HIGH

6. CONCRETE

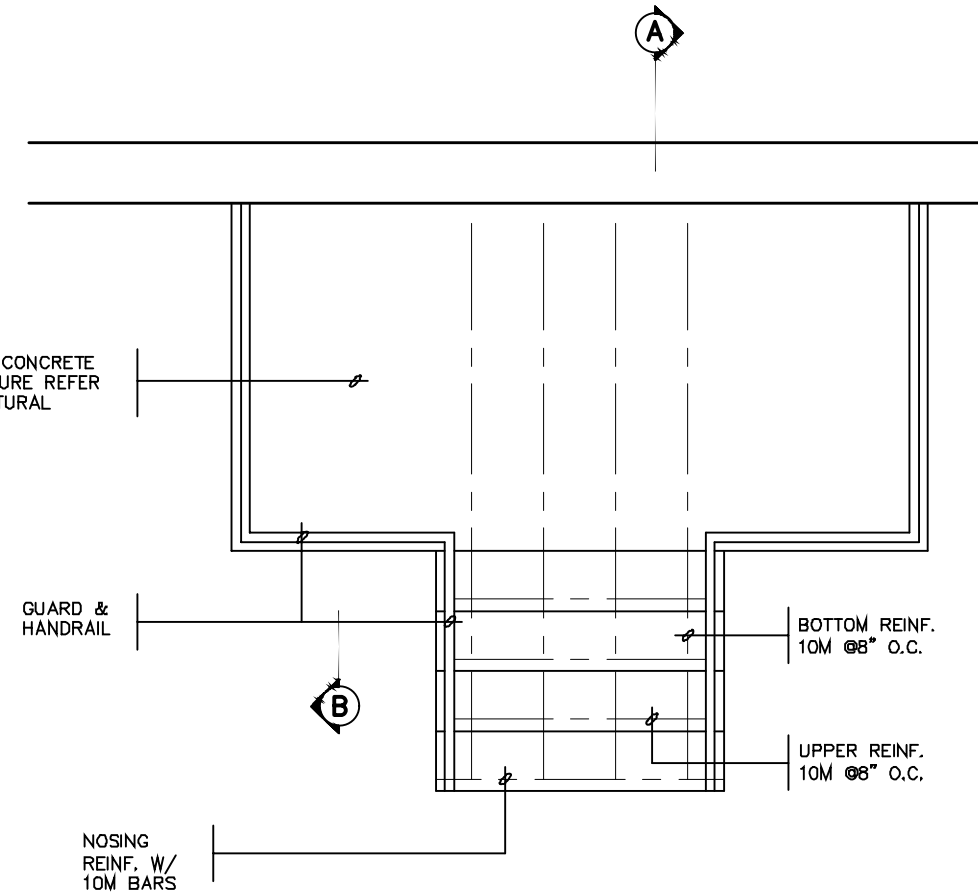
MINIMUM CONCRETE STRENGTH SHALL BE
4650 PSI [32MPa] W/ 5%-8% AIR
ENTRAINMENT MINIMUM CONCRETE SLAB
THICKNESS 5"

7. CONCRETE COVER

PROVIDE MINIMUM 3/4" CLEAR CONCRETE
COVER TO REINFORCING BARS



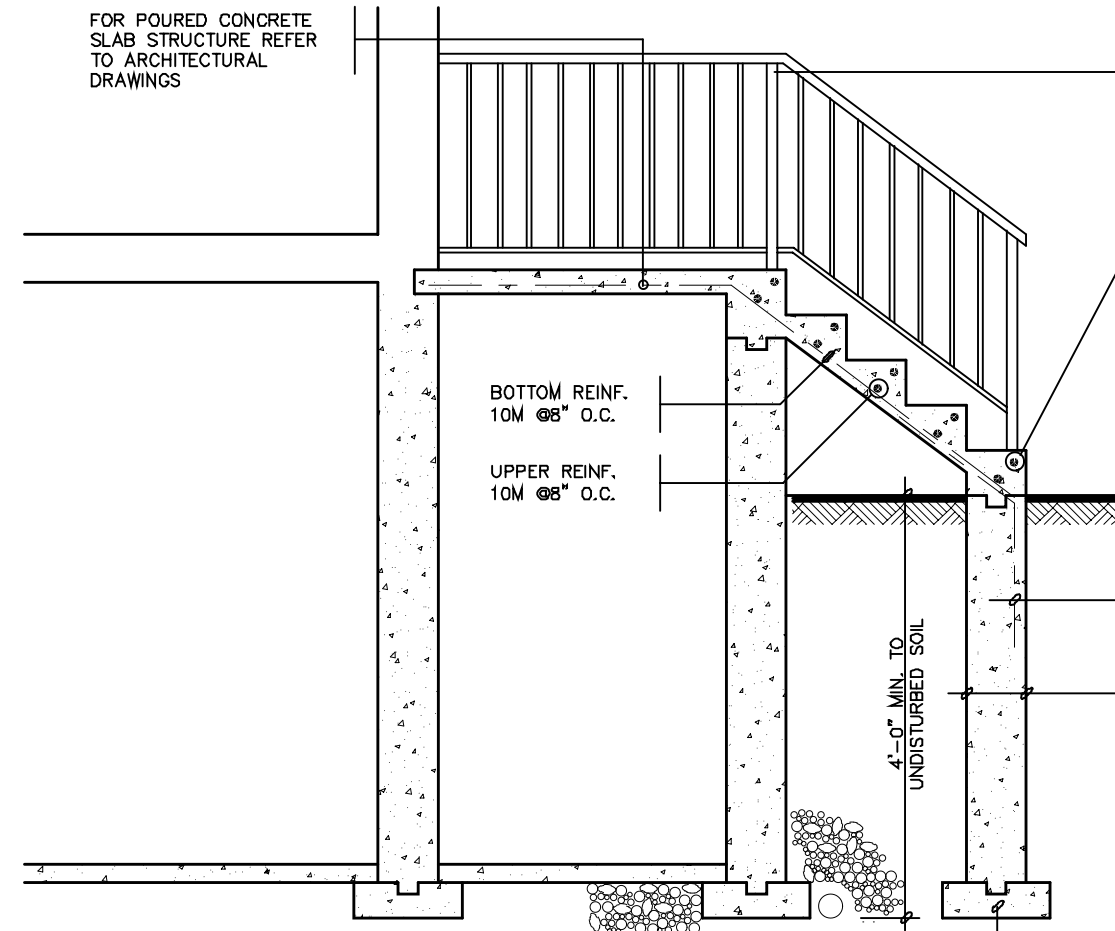
FOUNDATION
PLAN



GROUND FLOOR
PLAN

FOR POURED CONCRETE
SLAB STRUCTURE REFER
TO ARCHITECTURAL
DRAWINGS

SECTION
A



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'

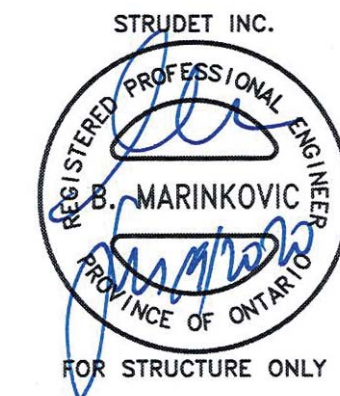
10M @8" O.C.
DOWELS TO
MATCH BOTTOM
REINF.

POURED FDN. WALL

6" X16"
POURED CONC.
FOOTING

SECTION
B

NOTE: FOR MORE
THAN 8 RISERS



2012 CODE

7		
6		
5		
4		
3		
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1	AUG. 17, 2018	PREPARED TO PACKAGE 'A1' ISSUED TO CLIENT
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TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

POURED CONCRETE STAIRS		
LAMPONE INVESTMENTS INC. CITY OF MARKHAM		
	MODEL NAME	T
	SCALE:	3/8"=1'-0"
	PROJ. No.	20-03
	DWG. No.	13

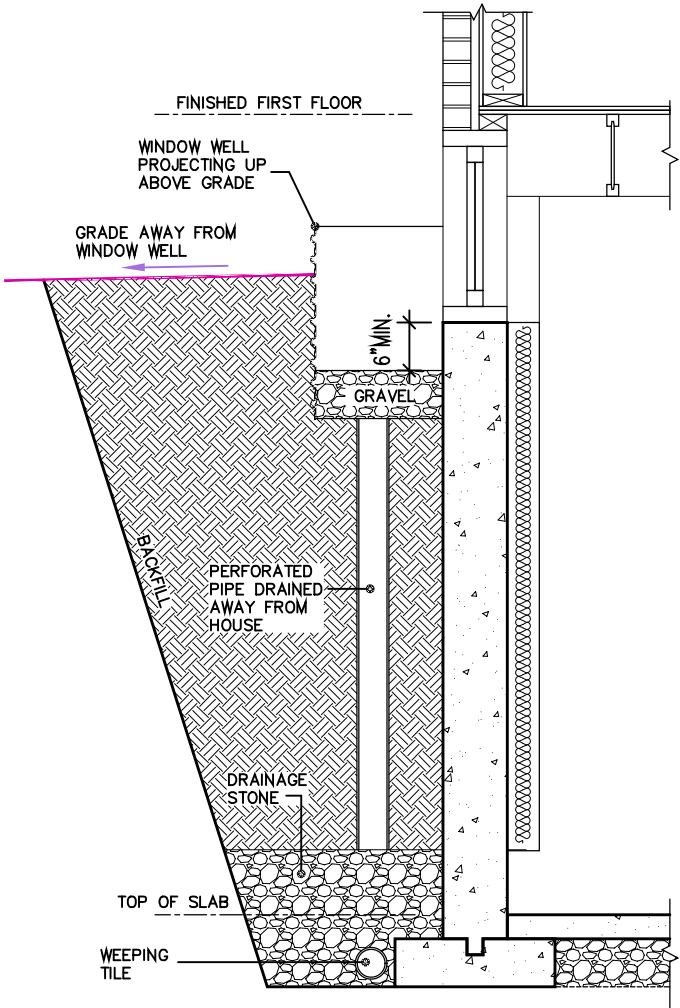


Date: 02/10/21

ALL CONSTRUCTION SHALL COMPLY WITH
THE ONTARIO BUILDING CODE

NO PERSON SHALL CONSTRUCT OR DEMOLISH A BUILDING OR
CAUSE A BUILDING TO BE CONSTRUCTED EXCEPT IN ACCORDANCE
WITH THESE CERTIFIED BUILDING PERMIT DOCUMENTS, THE
BUILDING CODE ACT AND THE BUILDING CODE.

NOTE: THE PROPOSED DEVELOPMENT IS SUBJECT TO COMPLIANCE
WITH ALL APPLICABLE PROVISIONS OF THE ZONING BY-LAW AND
ALL OTHER APPLICABLE LAWS INCLUDING THE PROVISIONS OF A
SITE PLAN AND / OR SUBDIVISION AGREEMENT WHICH MAY OR MAY
NOT BE REGISTERED ON TITLE



SECTION BASEMENT WINDOW WELL DETAIL

SCALE: 1/2" = 1'-0"


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 SCALED.

7		
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	DEC. 2, 2020	ADDED DRAWING TO SET; REISSUED FOR PERMIT
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



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

WINDOW WELL DETAIL

LAMPONE INVESTMENT INC.
CITY OF MARKHAM

	TYPE	AREA
	SCALE: 1/2"=1'-0"	
	PROJ. No. 20-03	DWG. No. 14

CITY OF MARKHAM
BUILDING STANDARDS DIVISION
REVIEWED FOR COMPLIANCE WITH THE ONTARIO BUILDING
CODE AND THE APPLICABLE ZONING BY-LAW

20.130096.000.00.CM

09/10/21

Date: 02/10/21

**ALL CONSTRUCTION SHALL COMPLY WITH THE
ONTARIO BUILDING CODE**

NO PERSON SHALL CONSTRUCT OR DEMOLISH A BUILDING OR CAUSE A BUILDING TO BE CONSTRUCTED EXCEPT IN ACCORDANCE WITH THESE CERTIFIED BUILDING PERMIT DOCUMENTS, THE BUILDING CODE ACT AND THE BUILDING CODE.

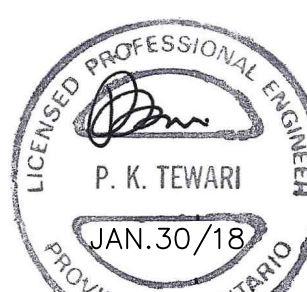
NOTE: THE PROPOSED DEVELOPMENT IS SUBJECT TO COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF THE ZONING BY-LAW AND ALL OTHER APPLICABLE LAWS INCLUDING THE PROVISIONS OF A SITE PLAN AND / OR SUBDIVISION AGREEMENT WHICH MAY OR MAY NOT BE REGISTERED ON TITLE.

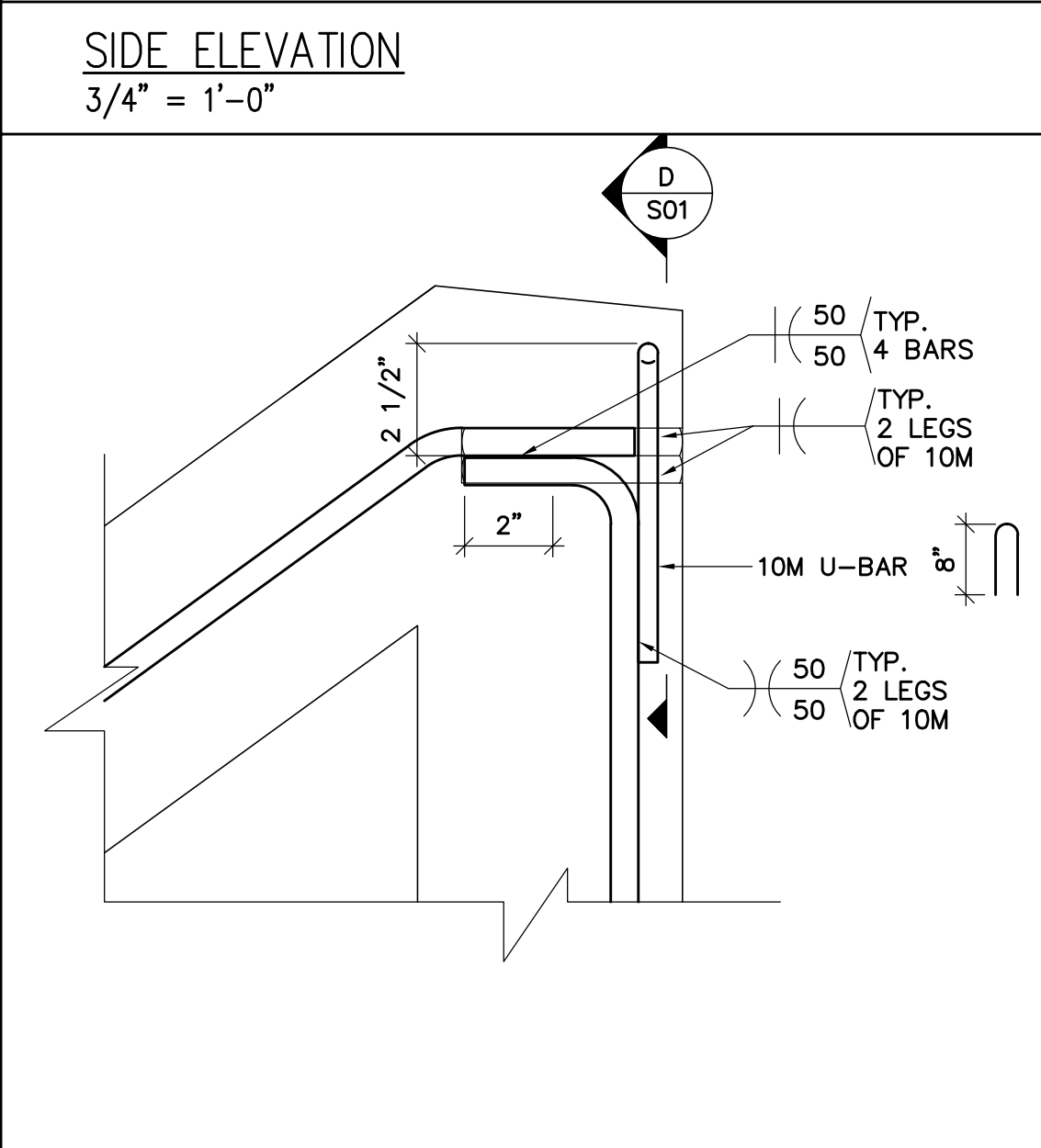
FNG D 24x36

Diagram illustrating the reinforcement detail for a staircase edge. The diagram shows a cross-section of a staircase flight and landing. The reinforcement bars are labeled as follows:

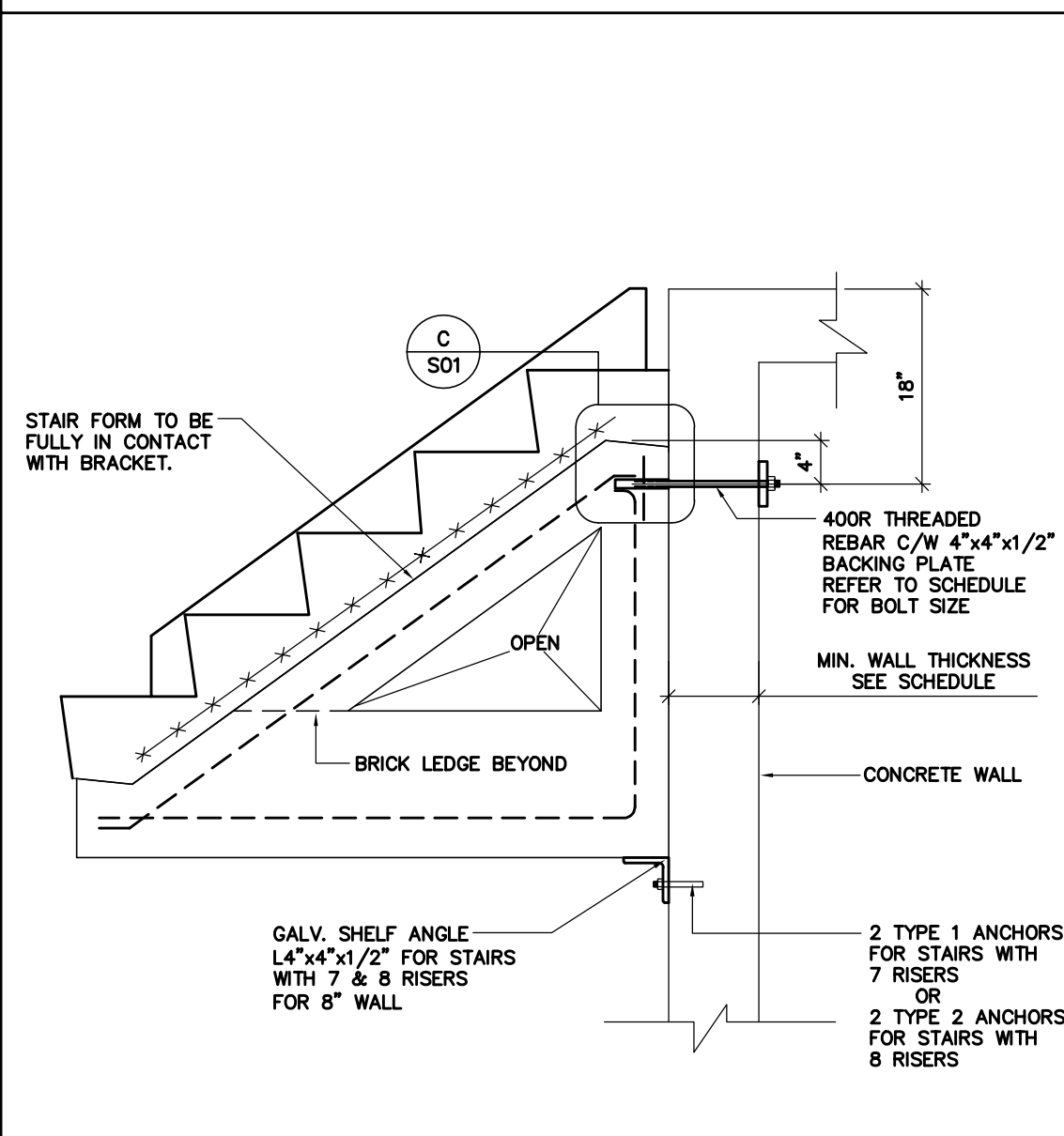
- STAIR EDGE REINFORCING TOP BAR
- STAIR EDGE REINFORCING BOTTOM BAR

A dimension line indicates a length of 10 units.

ISSUES & REVISIONS	
<h1>PARSONS PRECAST INC.</h1>	
Hamilton.	Ontario
DO NOT SCALE THIS DRAWING.	
CHECK AND VERIFY ALL CONDITIONS AT THE PROJECT SITE; IMMEDIATELY REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK.	
THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS THE NOTE "ISSUED FOR CONSTRUCTION" APPEARS IN THE ISSUES AND REVISIONS COLUMN, AND IT IS SEALED AND SIGNED BY THE CONSULTANT.	
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C SECTION DETAIL
S01 SCALE 3/4"=1'-0"



ALTERNATE ANCHORAGE WITH
THROUGH BOLTS
 $3/4" = 1'-0"$