

BARRIER FREE DESIGN: -9.5.2. O.B.C.

STUD WALL REINFORCEMENT (9.5.2.3. O.B.C.) IF WOOD WALL STUDS OR SHEET WALL STUDS ENCLOSE THE MAIN BATH IN A DRESSING UNIT, REINFORCEMENT SHALL BE INSTALLED TO PERMIT THE FUTURE INSTALLATION OF A GRAB BAR.

WINDOWS, DOORS & SKYLIGHTS: -9.7. O.B.C.

FOR PERFORMANCE OF WINDOWS, DOORS AND SKYLIGHTS SEE 9.7.3 OF O.B.C.
INSTALLATION OF WINDOWS, DOORS AND SKYLIGHTS SHALL CONFORM TO CAN/CSA-A440.4 AS PER 9.7.8.1. WINDOWS AND EXTERIOR DOORS, EXCEPT GARAGE DOORS, SHALL BE PROVIDED WITH STORM WINDOWS, DOORS OR OTHER MEANS OF MINIMIZING HEAT LOSS OR INFILTRATION. CAULKING SHALL BE PROVIDED BETWEEN WINDOW AND DOOR FRAMES AND EXTERIOR SIDING OR MASONRY. A DOOR BETWEEN A GARAGE AND DWELLING SHALL BE AN EXTERIOR TYPE, TIGHT FITTING AND WEATHER STRIPPED TO PROVIDE AN EFFECTIVE BARRIER AGAINST GAS AND EXHAUST FLAMES AND SHALL BE FITTED WITH A SELF CLOSING DEVICE AND SHALL COMPLY WITH RESISTANCE TO FORCED ENTRY. DOOR TO GARAGE SHALL NOT OPEN INTO A BEDROOM. DOORS TO DWELLING SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF KEYS. ATTIC ACCESS HATCH TO BE 20x28" (500mm x 700mm) INSULATED AND WEATHER STRIPPED EVERY FLOOR LEVEL. CONTAINING BEDROOMS MUST BE PROVIDED WITH AT LEAST 1 OUTSIDE WINDOW THAT CAN BE OPENED FROM THE INSIDE WITHOUT THE USE OF TOOLS. THESE WINDOWS MUST HAVE AN UNOBSTRUCTED OPEN PORTION HAVING A MIN. AREA OF 0.35 SQ. FT. (0.032 SQ. M) WITH NO LUMEN. LESS THAN 360mm (14") AND MAINTAIN THE REQUIRED OPENING WITHOUT THE NEED FOR ADDITIONAL SUPPORT (SEE 9.8.10.1 O.B.C.). FOR SLIDING WINDOWS, THE MINIMUM DIMEN. MUST APPLY TO THE OPENABLE PORTION OF THE WINDOW. SLITS MUST BE NO MORE THAN 1m (33') ABOVE THE FLOOR. FOR EGRESS WINDOWS, MANUFACTURED WINDOWS, DOOR AND SKYLIGHTS SHALL CONFORM TO CANADIAN/CSA 10.1.5.2 (A440), NAFS STANDARDS (SEE 9.7.4.1 O.B.C.), RESISTANCE TO FORCED ENTRY FOR DOORS, FRAMES AND HARDWARE THAT CONFORM TO A SECURITY LEVEL OF AT LEAST GRADE 10 AS DESCRIBED IN THE ANNEX TO ASTM F476. "SECURITY OF SLIDING DOOR ASSEMBLIES" ARE NOT REQUIRED TO CONFORM TO 9.7.5.2 (3), (4), & (5), (SEE 9.7.5.2 O.B.C.) FOR RESISTANCE TO FORCED ENTRY FOR DOORS & WINDOWS REFER TO O.B.C. 9.7.5.2, 9.7.5.3, MAIN ENTRANCE DOORS TO DWELLING UNITS SHALL BE PROVIDED WITH A DOOR VIEWER OR TRANSPARENT GLAZING IN THE DOOR, OR A SIDE LIGHT, (SEE O.B.C. 9.7.2) FOR RESISTANCE TO FORCED ENTRY FOR DOORS & WINDOWS REFER TO O.B.C. 9.7.5.2, 9.7.5.3.

STAIRS, RAMPS, HANDRAILS & GUARDS: -9.8. O.B.C.

RECTANGULAR TREADS AS PER T. 9.8.1.1. O.B.C. INTERIOR AND EXTERIOR MAXIMUM RISE 7 7/8" (200mm), MINIMUM RISE 5" (125mm) MAXIMUM RUN 12" (305mm) MINIMUM RUN 8 1/8" (210mm), MAXIMUM TREAD 14" (355mm) MINIMUM TREAD 9 1/4" (235mm), MAXIMUM 25mm NOSING. * STAIR WIDTH: INTERIOR MINIMUM 3'0" (914mm) BETWEEN WALL FACES OR GUARDS, EXTERIOR 3'0" (914mm). * CLEAR HEIGHT OVER STAIRS INTERIOR 6'6" (1980mm) MINIMUM EXTERIOR 8'0" (2438mm). * LANDINGS: AS PER 9.8.8 O.B.C.
EXCEPT AS PROVIDED IN SENTENCE 9.8.2 (2) STAIRS, RAMPS, LANDINGS, HANDRAILS AND GUARDS IN A GARAGE THAT SERVES A SINGLE DWELLING UNIT SHALL CONFORM TO THE SAME REQUIREMENTS AS FOR A DWELLING (SEE 9.8.1.2) * FOR UNIFORMITY AND TOLERANCES FOR RISERS AND TREADS SEE 9.8.4.4.
* HANDRAILS ON STAIRS AND RAMPS: AS PER 9.8.7.4. MINIMUM 34" (863mm), MAXIMUM 38" (965mm) ABOVE NOSING. * HANDRAILS MINIMUM 2" (50mm) CLEARANCE FROM WALL. * GUARDS: AS PER 9.8.8 O.B.C. INTERIOR GUARDS: MINIMUM 36" (914mm) HIGH AROUND LANDINGS AND FLOOR AREAS OF MORE THAN TWO RISERS. * EXTERIOR GUARDS: MINIMUM 36" (914mm) HIGH FOR GRADES GREATER THAN 2" AND MINIMUM 42" (1067mm) HIGH FOR GRADES GREATER THAN 8" (203mm).
THE HEIGHT OF GUARDS FOR EXTERIOR STAIRS AND LANDINGS MORE THAN 10.00m ABOVE ADJACENT GROUND LEVEL SHALL NOT BE LESS THAN 1400mm (SEE 9.8.8.3 (3)).
PICKETS IN GUARDS FOR STAIR AND AROUND LANDINGS TO BE A MAXIMUM OF 100mm (4") APART, (SEE 9.8.8.5 O.B.C.) * CURVED STAIRS (UNBUILT TREADS) HAVE MINIMUM RUN 6" AND MINIMUM AVERAGE RUN OF 7 1/8" (200mm). * GUARDS AS REQUIRED BY 9.8.8.1 O.B.C. SHALL BE DESIGNED SO THAT NO MEMBER, ATTACHMENT OR OPENING LOCATED BETWEEN 5 1/2" (140mm) AND 3'0" (914mm) ABOVE THE FLOOR OR WALKING SURFACE PROTECTED BY THE GUARD WILL FACILITATE CLIMBING. (SEE 9.8.8.6 O.B.C.) * PROVIDE A GUARD OR 2" MIN. NOM. D. BEARING WALL (FINISHED WITH 1/2" DRYWALL ONE SIDE) AROUND BASEMENT STAIR AS PER 9.8.8.1 (2), RAMPS: MINIMUM SLOPE FOR PICKET STAIR RAMP TO BE 1 IN 10.

FIRE PROTECTION: -9.10. O.B.C.

AN EXPOSED BUILDING FACE, LESS THAN 4'0" (1.2m) FROM THE LOT LINE SHALL HAVE A MINIMUM FIRE RESISTANCE RATING OF 3/4 HOURS. * EXTERIOR WALLS, LESS THAN 2'0" (0.6m) FROM THE LOT LINE SHALL BE CLAD WITH NON-COMBUSTIBLE MATERIAL. * WALLS LESS THAN 4'0" (1.2m) FROM THE LOT LINE SHALL HAVE NO UNPROTECTED WINDOWS. * PARTY WALLS SHALL HAVE ONE HOUR MINIMUM FIRE RATING. * PROVIDE FIRE BLOCKS AS PER 9.10.16 O.B.C. * FLAME SPREAD RATING OF INTERIOR FINISHES 150 MAXIMUM (SEE 9.10.17 O.B.C.) * SMOKE ALARMS CONFORMING TO CANULC-5531 SHALL BE INSTALLED IN LOCATIONS AS PER 9.10.19.3 O.B.C. ON EACH STOREY, IN EACH BEDROOM & IN EACH HALLWAY AND INSTALLED AS PER CANULC-5531 * SMOKE ALARMS SHALL HAVE A VISUAL SIGNALING COMPONENT AS PER 9.10.19.3 (3) * FOR SOUND PATTERNS OF SMOKE ALARMS SEE 9.10.19.2. * LABELED END WALLS LESS THAN 4'0" (1.2m) TO LOT LINE SHALL HAVE MINIMUM ONE LAYER OF 5/8" LABELED DRYWALL ON INSIDE FACE UP TO UNDER SIDE OF DECK. * WHERE FUEL BURNING APPLIANCES ARE INSTALLED IN A SUITE OF RESIDENTIAL OCCUPANCY A CARBON MONOXIDE ALARM SHALL BE INSTALLED ADJACENT TO EACH SLEEPING AREA IN THE SUITE (9.23.4.2 O.B.C.) SMOKE ALARMS SHALL BE PROVIDED WITH A BATTERY AS AN ALTERNATE POWER SOURCE IN CASE REGULAR POWER SUPPLY IS INTERRUPTED (SEE 9.10.19.4).

EXCAVATION: -9.12. O.B.C.

EXCAVATION: TOP SOIL AND VEGETABLE MATTER IN ALL UNEXCAVATED AREAS UNDER BUILDINGS SHALL BE REMOVED.

DRAINAGE: -9.14. O.B.C.

SURFACE DRAINAGE: THE BUILDING SHALL BE LOCATED ON THE BUILDING SITE GRADED SO THAT WATER WILL NOT ACCUMULATE AT OR NEAR THE BUILDING AND WILL NOT ADVERSELY AFFECT ADJACENT PROPERTIES. SURFACE DRAINAGE SHALL BE DIRECTED AWAY FROM THE BUILDING. WATER SUPPLY WELL OR LEACHING BED.

SUMP PITS, IF REQUIRED WHERE GRAVITY DRAINAGE IS NOT PRACTICAL, SHALL BE COVERED TO PREVENT REMOVAL BY CHILDREN & SEALED IN ACCORDANCE TO SENTENCE 9.23.3.3 (16) (SEE 9.14.3.2)

FOOTINGS AND FOUNDATIONS: -9.15. O.B.C.

CONCRETE FOOTINGS SHALL REST ON UNDISTURBED SOIL WITH ALLOWABLE BEARING OF 150 KPA (21.75 PSF) OR GREATER, WHEN BEARING CAPACITY OF SOIL IS LESS THAN 150 KPA, STRUCTURAL ENGINEER SHOULD BE NOTIFIED IMMEDIATELY PRIOR TO COMMENCEMENT OF WORK. * MINIMUM DEPTH OF FOUNDATIONS TO BE 4'0" (1.2m) BELOW FINISHED GRADE. * AS PER 9.2.1.5 O.B.C. CONCRETE FOR UNREINFORCED FOOTINGS AND FOUNDATION WALLS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AFTER 28 DAYS OF 15 MPa (2200 PSF). * 32 MPa FOR GARAGE FLOORS AND ALL EXTERIOR FLATWORK. * 30 MPa FOR INTERIOR FLOORS OTHER THAN GARAGES. * CONCRETE USED FOR GARAGE FLOORS AND EXTERIOR STEPS SHALL HAVE AIR ENTRAINMENT OF 5 - 8%. * WHERE STEEPED FOOTINGS ARE USED THE VERTICAL RISE BETWEEN HORIZONTAL PORTIONS SHALL NOT EXCEED 75:1 (60mm) AND THE HORIZONTAL DISTANCE BETWEEN RISES SHALL BE NOT LESS THAN 600mm (23 5/8") (9.15.3.3 O.B.C.). * FOUNDATION WALLS SHALL EXTEND MINIMUM 150mm (5 7/8") ABOVE GRADE. * UNIT MASONRY WALLS TO BE DAMPPROOFED AND PARGE BELOW GRADE WITH MINIMUM 1/4" (6mm) MORTAR PARGE AND SHALL BE COED OVER FOOTINGS. * CONCRETE WALLS TO BE DAMPPROOFED SHALL HAVE ALL HOLES AND RECESSES RESISTING FROM REMOVAL OF FORM TIES SEALED WITH CEMENT MORTAR OR DAMPPROOFING MATERIAL. * MINIMUM FOOTING SIZES (9.15.3.3 O.B.C.). * EXTERIOR FOUNDATION WALL SHALL BE DRAIN BY DRAINAGE TILE OR PIPE AND AROUND THE EXTERIOR PART OF THE FOUNDATION WALL. THE DRAIN PIPE OR TILE SHALL BE COVERED WITH NO LESS THAN 150mm (5 7/8") OF CRUSHED STONE OR OTHER COARSE, CLEAN GRANULAR MATERIAL (9.14.3 O.B.C.). * REDUCED FOUNDATION WALLS TO ALLOW BRICK FACING AND MAINTAIN LATERAL SUPPORT: THE BRICKS TO MIN. 3/4" (20mm) CONCRETE WITH TIES HAVING A MIN. CROSS SECTIONAL AREA OF NOT LESS THAN 17.8 sq. mm AND NOT LESS THAN A 30mm PORTION BENT AT RIGHT ANGLES AT EACH END (SEE 9.20.3.4 O.B.C.) AND SPACED TO NOT MORE THAN 200mm O.C. VERTICAL AND 900mm O.C. HORIZONTAL. FULL SPACE BEHIND BRICK WITH MORTAR.

FLOORS ON GROUND: -9.16. O.B.C.

CONCRETE SLABS ON GROUND SHALL BE MINIMUM 3" (75mm) THICK EXCLUSIVE OF CONCRETE TOPPING AND EXCEPT FOR SLABS IN GARAGES ON NOT LESS THAN 4" (100mm) GRANULAR MATERIAL (SEE 9.16.2 O.B.C.). CONCRETE SLABS ON GRADE SHALL BE REINFORCED WITH A #4, 6/8 MESH LOCATED NEAR MID-DEPTH OF SLAB. * CONCRETE SLABS UNDER FINISHED AREAS SHALL BE DAMPPROOFED WITH 6 MIL (0.15mm) POLYETHYLENE. * THE TOP OF EVERY SLAB ON GRADE SHALL BE MIN 6" (150mm) ABOVE GRADE. * ANY OTHER FILL BENEATH THE TOP PORTION OF COARSE CLEAN GRANULAR MATERIAL SHALL BE COMPACTED.

CRAWL SPACES: -9.18. O.B.C.

WHERE AN UNHEATED CRAWL SPACE IS VENTILATED BY NATURAL MEANS, VENTILATION SHALL BE PROVIDED TO THE OUTSIDE AIR BY NOT LESS THAN 1.08 SQ. FT. (0.1 SQ. M) OF UNOBSTRUCTED VENT AREA FOR EVERY 500 SQ. FT. (46.5 SQ. M) OF FLOOR AREA. ACCESS TO CRAWL SPACES TO BE A MINIMUM OF 20x28" (500mm x 700mm) FITTED WITH DOORS OR HATCHES, INSULATED AND WEATHERSTRIPPED. * WHERE A CRAWL SPACE IS HEATED, A GROUND COVER COMPOSING OF NOT LESS THAN 0.15mm POLYETHYLENE SHEET CONFORMING TO CANULC-5531, 3/4" VAPOR BARRIER, POLYETHYLENE SHEET FOR USE IN BUILDING CONSTRUCTION, SHALL BE INSTALLED AS PART OF AN AIR BARRIER SYSTEM IN ACCORDANCE WITH SUBSECTION 9.23.3 (SEE 9.18.6.2).

ROOF SPACES: -9.19. O.B.C.

EXCEPT WHERE IT CAN BE SHOWN TO BE UNNECESSARY, WHERE INSULATION IS INSTALLED BETWEEN A CEILING AND THE UNDERSIDE OF ROOF SHEATHING, A SPACE SHALL BE PROVIDED BETWEEN THE INSULATION AND THE SHEATHING, AND VENTS SHALL BE INSTALLED TO PERMIT THE MOVEMENT OF AIR FROM THE SPACE TO THE EXTERIOR. * ROOF SPACES, MINIMUM 1 SQ. FT. OF UNOBSTRUCTED VENTILATING AREA FOR EACH 300 SQ. FT. OF INSULATED CEILING AREA FOR ROOFS WITH A SLOPE EXCEEDING 2 IN 12. * MINIMUM 1 SQ. FT. OF UNOBSTRUCTED VENTILATING AREA FOR EACH 150 SQ. FT. OF INSULATED CEILING AREA FOR ROOFS WITH A SLOPE OF 2 IN 12 OR LESS, OR ANY ROOF WHEN AN INTERIOR FINISH IS APPLIED TO ROOF PATTERS. * REQUIRED VENTS ARE PERMITTED TO BE ROOF TYPE, FAKE TYPE, GABLE END TYPE OR ANY COMBINATION OF THEM, AND SHALL BE DISTRIBUTED UNIFORMLY ON OPPOSITE SIDES OF THE BUILDING WITH NOT LESS THAN 25% OF THE REQUIRED OPENINGS AT THE TOP OF THE SPACE AND NOT LESS THAN 25% LOCATED AT THE BOTTOM OF THE SPACE. (SEE 9.19.2.2 O.B.C.)

WOOD FRAME CONSTRUCTION: -9.23. O.B.C.

ALL FLOOR JOISTS AND BEAMS TO BE #2 GRADE SPRUCE OR EQUAL UNLESS STATED OTHERWISE. * SILL PLATES NOT LESS THAN 38mm x 89mm PROVIDING BEARING FOR THE FLOOR SYSTEM SHALL BE ANCHORED TO THE FOUNDATION WITH MINIMUM 1/2" (12.7mm) DIAMETER ANCHOR BOLTS SPACED NOT MORE THAN 7'10" O.C. (2.4m). * ANCHOR BOLTS SHALL BE FASTENED TO THE SILL PLATE WITH NUTS & WASHERS AND SHALL BE EMBEDDED NOT LESS THAN 4" (100mm) IN THE FOUNDATION AND SO DESIGNED THAT THEY MAY BE TIGHTENED WITHOUT DRAWING THEM FROM THE FOUNDATION. * JOISTS SHALL HAVE A MINIMUM 1 1/2" (38mm) END BEARING. * BEAMS SHALL HAVE MINIMUM 3 1/2" (89mm) END BEARING. * JOISTS FRAMED INTO THE SIDES OF WOOD BEAMS SHALL BE SUPPORTED ON METAL JOIST HANGERS. * HEADER JOISTS SHALL BE DOUBLED WHEN THEY EXCEED 8'11" (2.7m) IN LENGTH. * HEADER JOISTS EXCEEDING 10'0" (3.0m) IN LENGTH SHALL BE DETERMINED BY CALCULATION. * TRIMMER JOISTS SHALL BE DOUBLED WHEN LENGTH OF HEADER JOIST EXCEEDS 2'6" (800mm). * WHEN HEADER JOIST EXCEEDS 6'7" (2.0m) SIZE OF TRIMMER JOISTS SHALL BE DETERMINED BY CALCULATION. * LOADBEARING INTERIOR WALLS PARALLEL TO FLOOR JOISTS SHALL BE SUPPORTED BY BEAMS OR WALLS OF SUFFICIENT STRENGTH TO TRANSFER SAFELY THE DESIGN LOADS TO VERTICAL SUPPORTS. * LOADBEARING INTERIOR WALLS AT RIGHT ANGLES TO FLOOR JOISTS SHALL BE LOCATED NOT MORE THAN 2'11" (660mm) FROM JOIST SUPPORT WHEN THE WALL DOES NOT SUPPORT A FLOOR, AND NOT MORE THAN 2'0" (600mm) FROM THE JOIST SUPPORT WHEN THE WALL SUPPORTS ONE OR MORE FLOORS, UNLESS THE JOIST SIZE IS DESIGNED TO SUPPORT SUCH LOADS. * NON-LOADBEARING INTERIOR WALLS AT RIGHT ANGLES TO THE FLOOR JOISTS ARE NOT RESTRICTED AS TO LOCATION. * NON-LOADBEARING WALLS PARALLEL TO THE FLOOR JOISTS SHALL BE SUPPORTED BY JOISTS BENEATH THE WALL OR ON BLOCKING BETWEEN THE JOISTS. * BLOCKING FOR THE SUPPORT OF NON-LOADBEARING WALLS SHALL BE NOT LESS THAN 2" x 38mm x 89mm LAMBER, SPACED NOT MORE THAN 4'0" (1.2m) APART. * DOUBLE TOP PLATE FOR ALL LOADBEARING PARTITIONS. * DOUBLE STUDS AT CORNERS AND EACH SIDE OF OPENINGS. * FASTENINGS OF SHEATHING & SUB FLOORING SHALL CONFORM TO 15.23.3.5 WHERE ROOF SHEATHING SUPPORTS ARE SPACED AT MORE THAN 400mm O.C. THE MAXIMUM SPACING OF FASTENERS FOR ROOF SHEATHING SHALL BE 150mm ALONG EDGES AND INTERMEDIATE SUPPORTS (SEE 9.23.3.5). * AS PER 9.23.3.4 O.B.C. CROSS BRIDGING FOR FLOOR JOISTS TO BE LOCATED NOT MORE THAN 8'11" (2.7m) FROM EACH SUPPORT OR OTHER FORMS OF BRIDGING. * STRAPPING SHALL BE AT LEAST 1x3" (38mm x 6mm) NAILED TO THE UNDERSIDE OF FLOOR JOISTS.

HEAT TRANSFER, AIR LEAKAGE, AND

CONDENSATION CONTROL: -9.25. O.B.C.

ALL WALLS, CEILINGS & FLOORS SEPARATING HEATED SPACE FROM UNHEATED SPACE, THE EXTERIOR AIR OR THE EXTERIOR SOIL SHALL BE PROVIDED WITH THERMAL INSULATION IN CONFORMANCE WITH SECTION 12.2 TO PREVENT MOISTURE CONDENSATION ON THEIR ROOM SIDE DURING THE WINTER AND TO ENSURE COMFORTABLE CONDITIONS FOR THE OCCUPANTS.

CONT'D-HEAT TRANSFER, AIR LEAKAGE, AND CONDENSATION CONTROL: -9.25. O.B.C.

INSULATION: MINIMUM R-4 (RSI 0.7) FOR EXPOSED DOORS. INSULATE MINIMUM AS PER BUILDER SPECIFIED COMPLIANCE PACKAGE DOWN TO 8' (200mm) ABOVE THE BASEMENT SLAB. INSULATE AS PER BUILDER SPECIFIED COMPLIANCE PACKAGE IN WALL EXTERIOR WALLS. INSULATE AS PER BUILDER SPECIFIED COMPLIANCE PACKAGE IN EXPOSED FLOORS AND ROOFS. MINIMUM INSULATION AS PER BUILDER SPECIFIED COMPLIANCE PACKAGE IN EXPOSED CEILING WITH ATTIC SPACE. * SOUND TRANSMISSION CLASS RATING TO BE A MINIMUM 50 BETWEEN DWELLING UNITS. * VAPOR BARRIERS SHALL BE INSTALLED TO PROTECT THE FINISH SURFACES OF THERMALLY INSULATED WALL, CEILING AND FLOOR ASSEMBLIES. VAPOR BARRIER PROTECTION SHALL BE INSTALLED ON THE WARM SIDE OF INSULATION. PENETRATIONS OF THE AIR BARRIER PROTECTION, SUCH AS THOSE CREATED BY THE INSTALLATION OF DOORS, WINDOWS, ELECTRICAL WIRING, ELECTRICAL BOXES, PIPING OR DUCTWORK, SHALL BE SEALED TO MAINTAIN THE INTEGRITY OF THE AIR BARRIER PROTECTION OVER THE ENTIRE SURFACE. PROVIDE AIR BARRIER.

ROOFING: -9.26. O.B.C.

ASPHALT SHINGLE (CSA-A123.14-23.5) ON 3/8" (9.5mm) OR 7/16" (11.1mm) PLYWOOD SHEATHING. * USE JOISTS FOR TRUSSES. * FASTEN SHEATHING @ MAXIMUM SPACING OF 150mm ALONG EDGES & INTERMEDIATE SUPPORTS. EAVE PROTECTION SHALL BE PROVIDED FROM THE EDGE OF ROOF A MIN. 1" (25mm) UP THE ROOF SLOPE TO A LINE NOT LESS THAN 12' (3600mm) INSIDE THE INNER FACE OF THE EXTERIOR WALL. EAVE PROTECTION SHALL BE LAD BENEATH THE STARTER STRIP AND SHALL CONSIST OF TYPE "M" OR TYPE "S" ROLL ROOFING CONFORMING TO CAN/CSA-A123.2 ASPHALT COATED ROOFING SHEET. * 3/8" (9.5mm) FLASHING EXCEPT WHERE THE OMISSION WILL NOT ADVERSELY AFFECT ADJACENT SUPPORTED OR SUPPORTING ELEMENTS. FLASHING SHALL BE INSTALLED AT JUNCTIONS BETWEEN ROOFS AND WALLS THAT RISE ABOVE THE ROOF AND GUARDS THAT ARE CONNECTED TO THE ROOF BY OTHER THAN PICKETS OR POSTS. * WHERE SLOPING SURFACES OF SHINGLED ROOFS INTERSECT TO FORM A VALLEY, THE VALLEY SHALL BE FLASHED (SEE 9.26.4.3 O.B.C.) THE INTERSECTION OF SHINGLED ROOFS AND MASONRY WALLS OR CHIMNEYS SHALL BE PROTECTED WITH FLASHING (SEE 9.26.4.4 O.B.C.). * THE INTERSECTION OF SINGLE ROOFS AND WALLS CLAD WITH OTHER THAN MASONRY SHALL BE PROTECTED WITH FLASHING (SEE 9.26.4.5 O.B.C.) THE INTERSECTION OF BUILT-UP ROOFS AND MASONRY WALLS OTHER THAN MASONRY SHALL CONFORM TO SECTIONS 9.26.4.6 & 9.26.4.7 O.B.C. * CHIMNEY SADDLES SHALL CONFORM TO 9.26.4.8 O.B.C. EAVE PROTECTION SHALL BE PROVIDED ON SHINGLE, SHAKE OR TILE ROOFS, EXTENDING FROM THE EDGE OF THE ROOF A MINIMUM OF 100mm (4") UP THE ROOF SLOPE TO A LINE NOT LESS THAN 100mm (4") INSIDE THE INNER FACE OF THE EXTERIOR WALL (9.26.5 O.B.C.)

REQUIRED WATER SUPPLY: -9.31.3.1. O.B.C.

EVERY DWELLING UNIT SHALL BE SUPPLIED WITH A WATER DISTRIBUTION SYSTEM WHERE A DRINKING WATER SYSTEM IS AVAILABLE (SEE 9.31.3.1).

REQUIRED FIXTURES: -9.31.4.1. O.B.C.

A DWELLING UNIT WITH A WATER DISTRIBUTION SYSTEM SHALL CONTAIN A KITCHEN SINK, A LAVATORY, A BATHTUB OR SHOWER STALL AND A WATER CLOSET OR A DRAINLESS COMPOSTING TOILET (SEE 9.31.4.1).

VENTILATION: -9.32. O.B.C.

EVERY DWELLING UNIT THAT IS SUPPLIED WITH ELECTRICAL POWER SHALL BE PROVIDED WITH A MECHANICAL VENTILATION SYSTEM IN ACCORDANCE WITH SUBSECTION 9.32.3 O.B.C. WHERE A ROOM OR SPACE IS NOT PROVIDED WITH NATURAL VENTILATION AS PER 9.32.2.1 O.B.C. MECHANICAL VENTILATION SHALL BE PROVIDED TO EXHAUST INSIDE AIR FROM OR TO INTRODUCE OUTSIDE AIR TO THAT ROOM OR SPACE AT THE RATE OF ONE-HALF AIR CHANGE PER HOUR IF THE ROOM OR SPACE IS MECHANICALLY COOLED IN SUMMER AND ONE AIR CHANGE PER HOUR IF IT IS NOT. * OPENINGS SHALL BE PROTECTED FROM THE WEATHER AND INSECTS AND SCREENING SHALL BE OF RUST PROOF MATERIAL.

ENERGY EFFICIENCY DESIGN: -12.2.1.2. O.B.C.

ENERGY EFFICIENCY AFTER DECEMBER 31ST, 2016
THE ENERGY EFFICIENCY OF A BUILDING OF RESIDENTIAL OCCUPANCY SHALL BE DESIGNED TO EXCEED BY NOT LESS THAN 15% THE ENERGY EFFICIENCY LEVELS REQUIRED BY SENTENCE 12.2.1.1 (1) OR CONFORM TO CHAPTERS 1 & 3 OF MAH1 SUPPLEMENTARY STANDARD SB-12, "ENERGY EFFICIENCY FOR HOUSING"

WINDOWS & SLIDING GLASS DOORS: -12.3.1.2. O.B.C.

THE ENERGY RATING AND THE OVERALL COEFFICIENT OF HEAT TRANSFER REQUIRED FOR WINDOWS AND SLIDING GLASS DOORS SHALL BE DETERMINED IN CONFORMANCE WITH CAN/CSA-A440.2, "PENETRATION ENERGY PERFORMANCE" OR NFRC 100, "PROCEDURE FOR DETERMINING PENETRATION PRODUCT U-FACTOR AND NFRC 200, "PROCEDURE FOR DETERMINING PENETRATION PRODUCT SOLAR HEAT GAIN COEFFICIENT AND VISIBLE TRANSMITTANCE AT NORMAL INCIDENCE". (SEE 12.3.1.2 O.B.C.)

TEMPERATURE CONTROL IN DWELLING UNITS: -12.3.1.3. O.B.C.

INDOOR TEMPERATURE IN A DWELLING UNIT NOT HEATED BY A SOLID FUEL BURNING APPLIANCE OR GROUND SOURCE HEAT PUMP SHALL BE CONTROLLED BY AT LEAST ONE PROGRAMMABLE THERMOSTATIC CONTROL DEVICE (SEE 12.3.1.3)

HOT WATER PIPING INSULATION: -12.3.1.4. O.B.C.

HOT WATER PIPES VERTICALLY CONNECTED TO A HOT WATER STORAGE TANK SERVING A NON-CIRCULATING SYSTEM SHALL HAVE HEAT TRAPS ON BOTH INLET & OUTLET PIPING. PROVIDE MIN RSI 0.62 FOR THE FIRST 2.5m OF HOT WATER OUTLET PIPING & PROVIDE MIN RSI 0.82 THERMAL RESISTANCE FOR INLET PIPING BETWEEN HEAT TRAP AND TANK (SEE 12.3.1.4)

PLUMBING SYSTEMS: -12.4.1.1. O.B.C.

ALL BUILDING SHALL CONFORM TO BE WATER EFFICIENCY REQUIREMENTS OF 1.64 DWB (SEE 12.4.1.1).

DRAIN WATER HEAT RECOVERY: -3.1.1.1.12. O.B.C.

A DRAIN WATER HEAT RECOVERY UNIT SHALL BE INSTALLED IN EACH DWELLING UNIT TO RECOVER DRAIN WATER FROM ALL SHOWERS OR FROM AT LEAST TWO SHOWERS WHERE THERE ARE TWO OR MORE SHOWERS IN THE DWELLING UNIT.

GENERAL NOTES:

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE ONTARIO BUILDING CODE, O.B.C. REG. 352/12
GAS PROOFING OF GARAGES: CONSTRUCTION BETWEEN ATTACHED OR BUILT IN GARAGES AND DWELLING UNITS SHALL PROVIDE AN EFFECTIVE BARRIER TO GAS AND EXHAUST FUMES. CEILINGS AND STUD PARTITIONS SHALL HAVE ONE LAYER 1/2" DRYWALL FILLED AND TAPED. FINISHED FLOORING IN BATHROOMS, KITCHENS, PUBLIC ENTRANCE HALLS, LAUNDRY & GENERAL STORAGE AREAS SHALL CONSIST OF RESILIENT FLOORING, FELT-SYNTHETIC-FIBER FLOOR COVERINGS, CONCRETE, TERRAZZO, CERAMIC TILE, MASTIC OR OTHER TYPES OF FLOORING PROVIDING SIMILAR DEGREES OF WATER RESISTANCE.
FOR REQUIREMENTS INVOLVING THE INSTALLATION OF BACKWATER VALVES SEE 7.4.6.4 "PROTECTION FROM BACK FLOW".
FOR INSULATION OF FOUNDATION WALLS AND SLABS WITHIN 600mm OF ADJACENT GROUND LEVEL REFER TO SB-12.3.1.1.8 WHERE A SUPPLY DUCT OR RETURN IS NOT PROTECTED BY AN INSULATED EXTERIOR WALL OR WHERE THE DUCT IS EXPOSED TO AN UNHEATED SPACE IT SHALL BE INSULATED TO PROVIDE A THERMAL RESISTANCE OF NOT LESS THAN RSI 2.1. (SEE 6.2.4.3 O.B.C.)
WHERE A SUPPLY DUCT OR RETURN DUCT IS LOCATED IN AN UNCONDITIONED SPACE OR OUTDOORS, AND ALL JOINTS OF THE DUCTWORK SHALL BE SEALED TO A CLASS A SEAL LEVEL IN ACCORDANCE WITH THE SMACNA "MAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE". (SEE 6.2.4.3 O.B.C.)
WHERE A SUPPLY DUCT IS LOCATED IN A CONDITIONED SPACE, THE DUCTWORK SHALL BE SEALED TO A CLASS C SEAL LEVEL IN ACCORDANCE WITH THE SMACNA "MAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE". (SEE 6.2.4.3 O.B.C.)
BUILDER TO PROVIDE ELECTRIC VEHICLE CHARGING SYSTEM IN GARAGE AS PER 9.34.4 (2)(i) & (3)

CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
DEC 10 2018
BY
MARK DERKSEN

AUG 22 2018



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2012 CODE

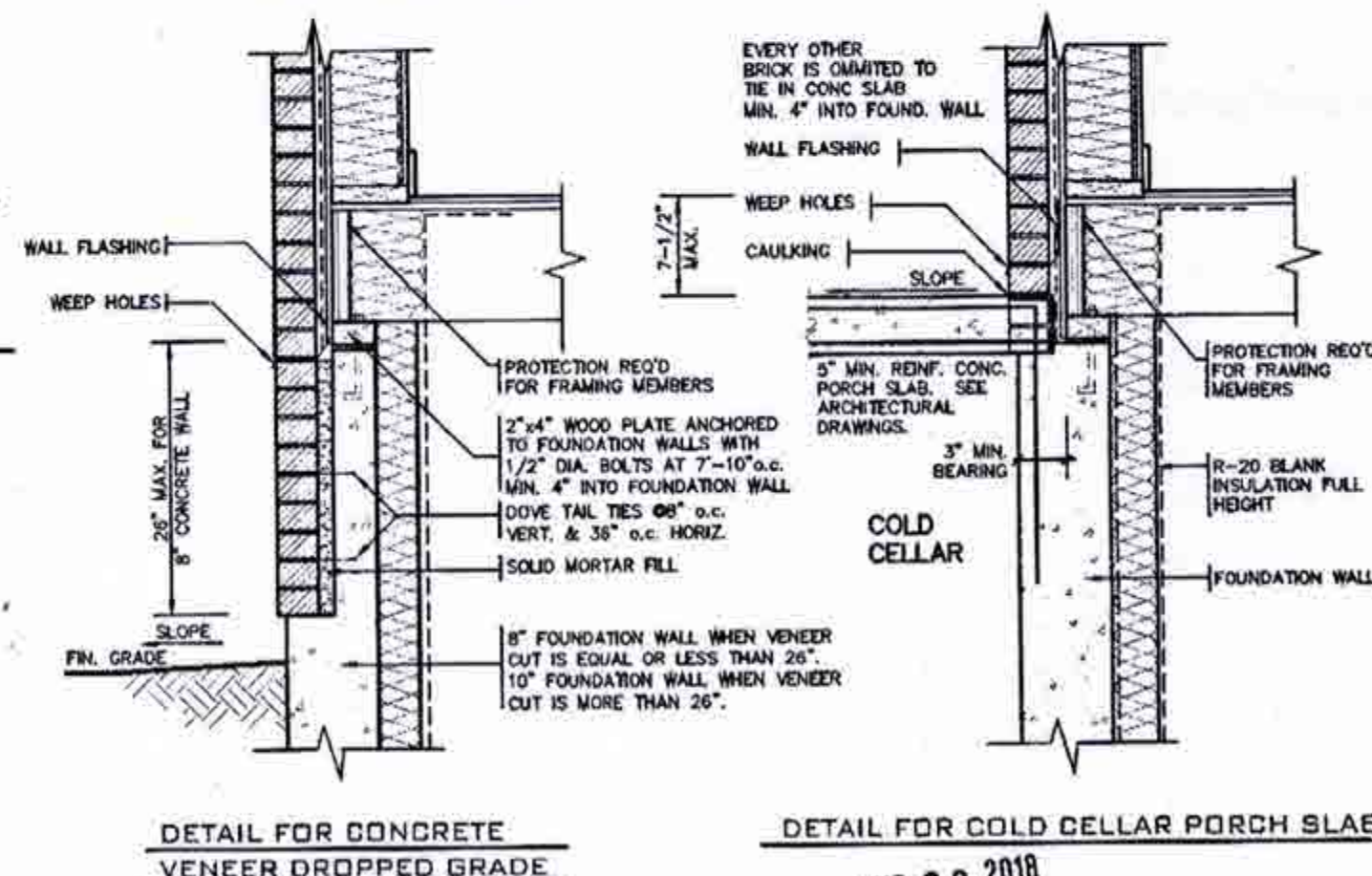
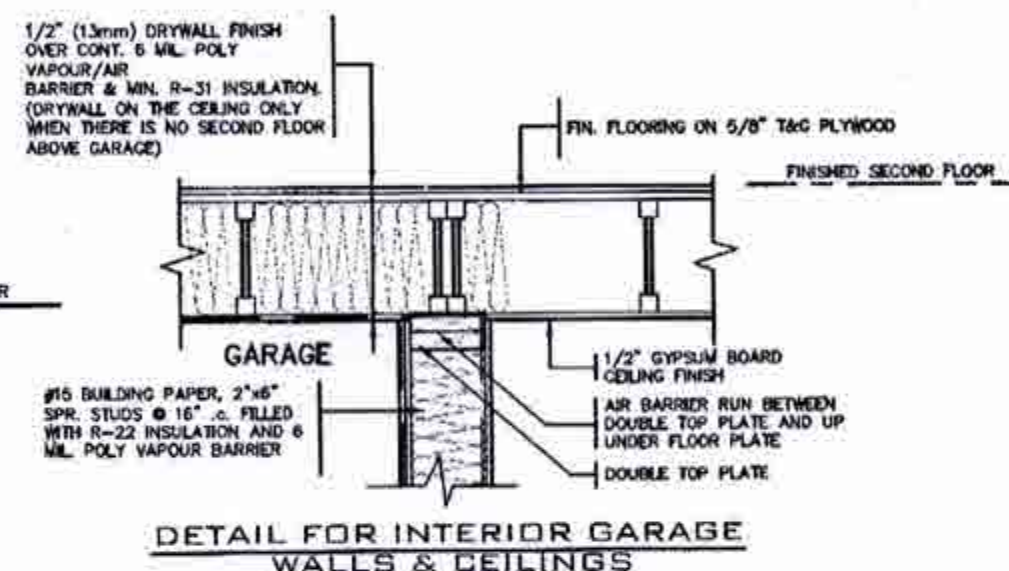
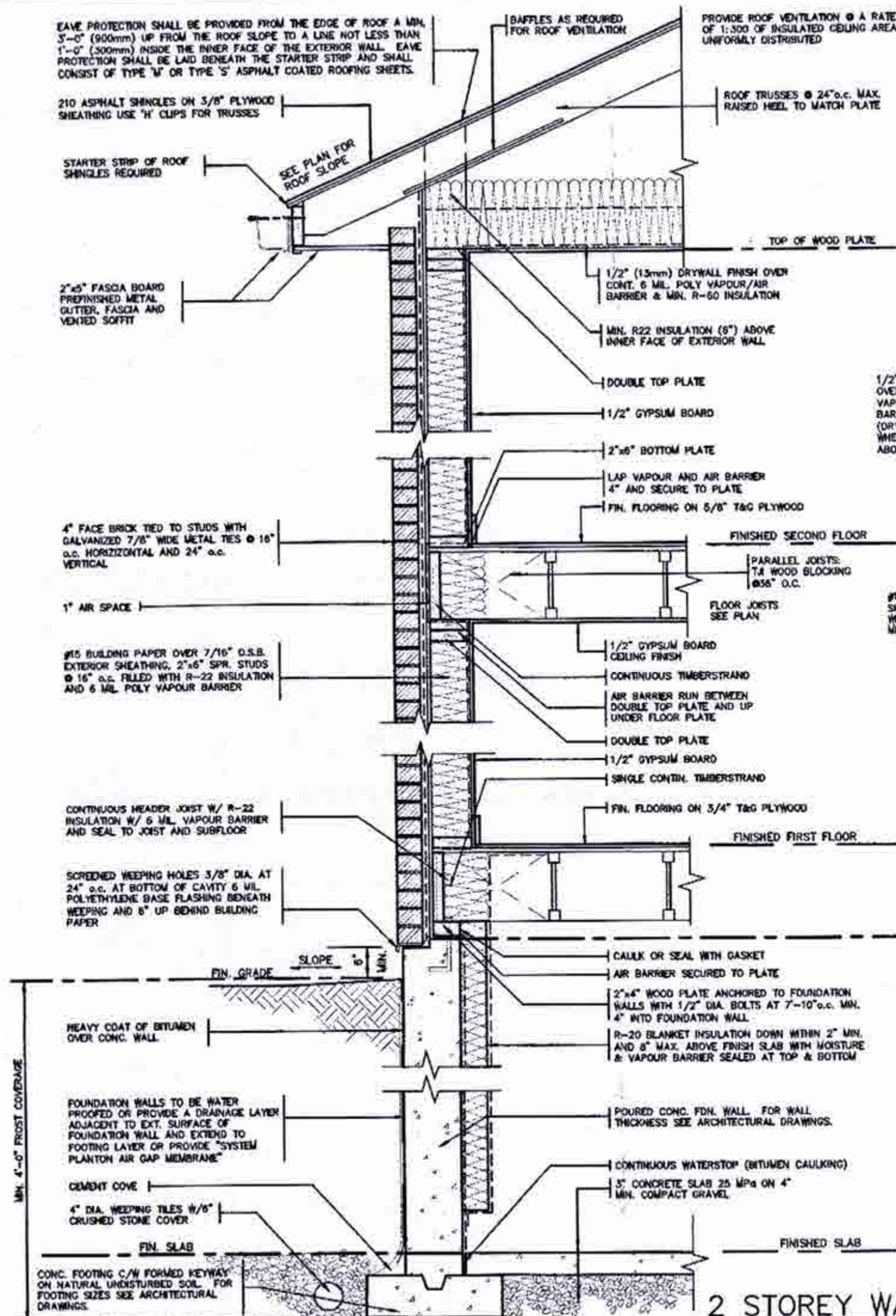
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1	AUG. 17, 2018	PREPARED TO PACKAGE "A1" ISSUED TO CLIENT
No.	DATE	WORK DESCRIPTION:

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 3.2.3 of the Building Code
Walter Botter	27037
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	
MINNISALE HOME CORP. CITY OF BRAMPTON	
MODEL NAME	T
SCALE:	N.T.S.
PROJ. No.	18-24
DWG. No.	1



AUG 22 2018

2012 CODE

CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
DEC 10 2018
BY
MARK DERKSEN

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

CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED BY: S. HANNA
NOV 27 2018
ATTACHED NOTES ARE PART OF REVIEWED DRAWINGS.
ALL WORK MUST COMPLY WITH OBO

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 1.2.5 of the Building Code.

Walter Botter 21031
NAME SIGNATURE BCN

REGISTRATION INFORMATION
Required unless design is exempt under Division C, Subsection 1.2.4 of the Building Code.

Jardin design group inc. 27763
FIRM NAME BCN

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

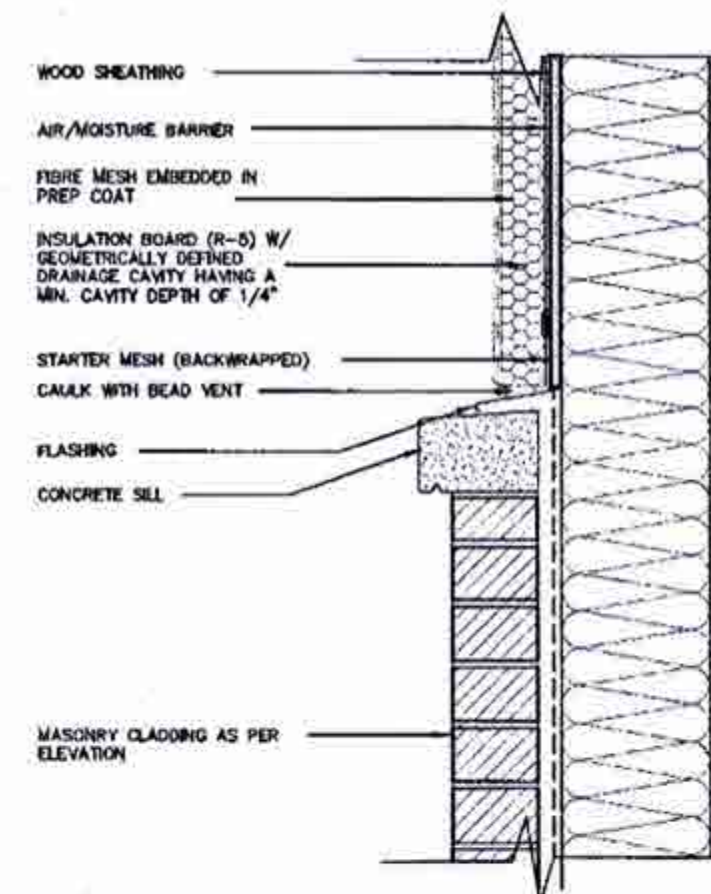
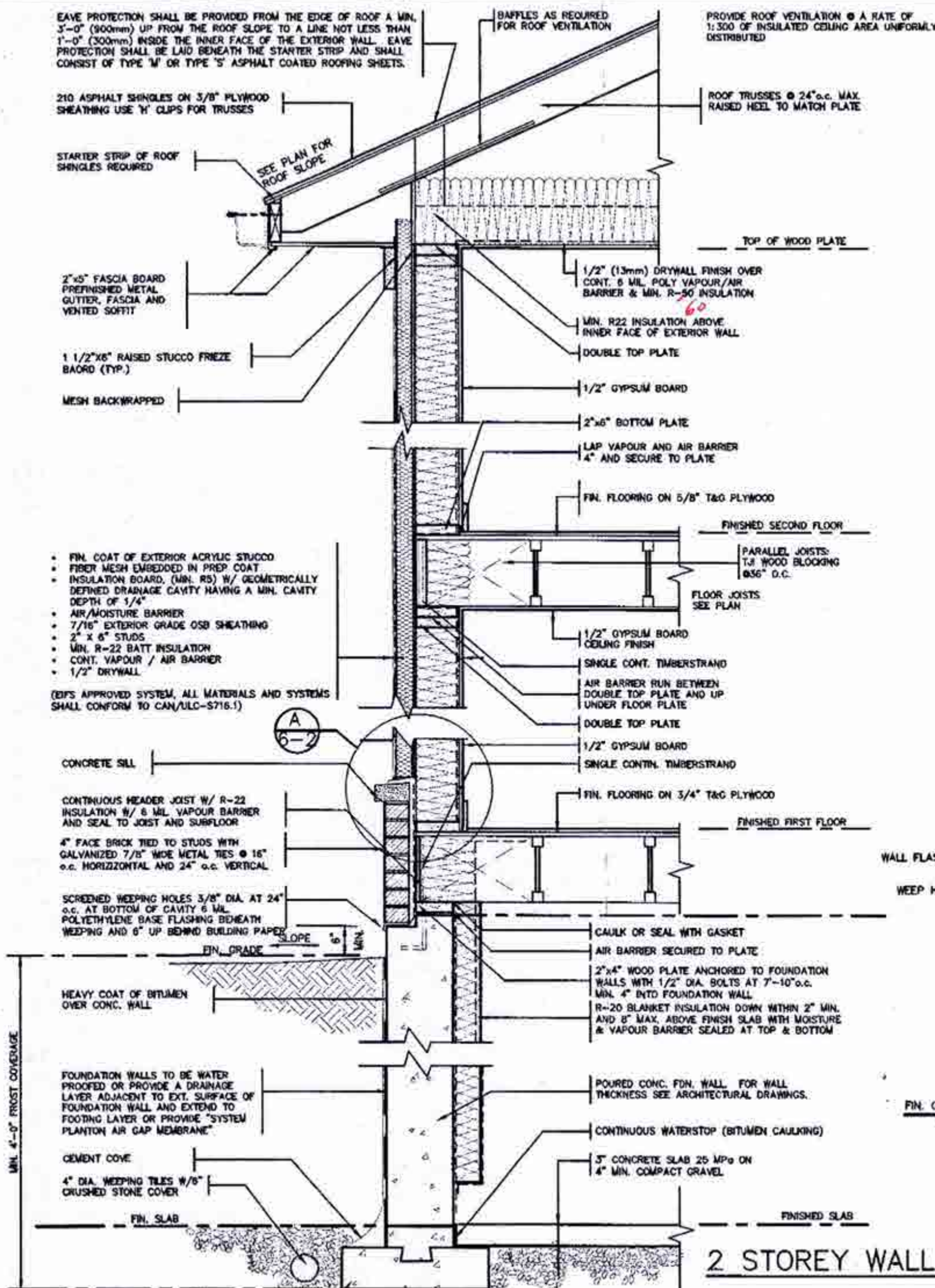
2 STOREY WALL SECTION
2"x6" BRICK VENEER
MINNISALE HOME CORP.
CITY OF BRAMPTON

MODEL NAME
T

SCALE:
AS NOTED

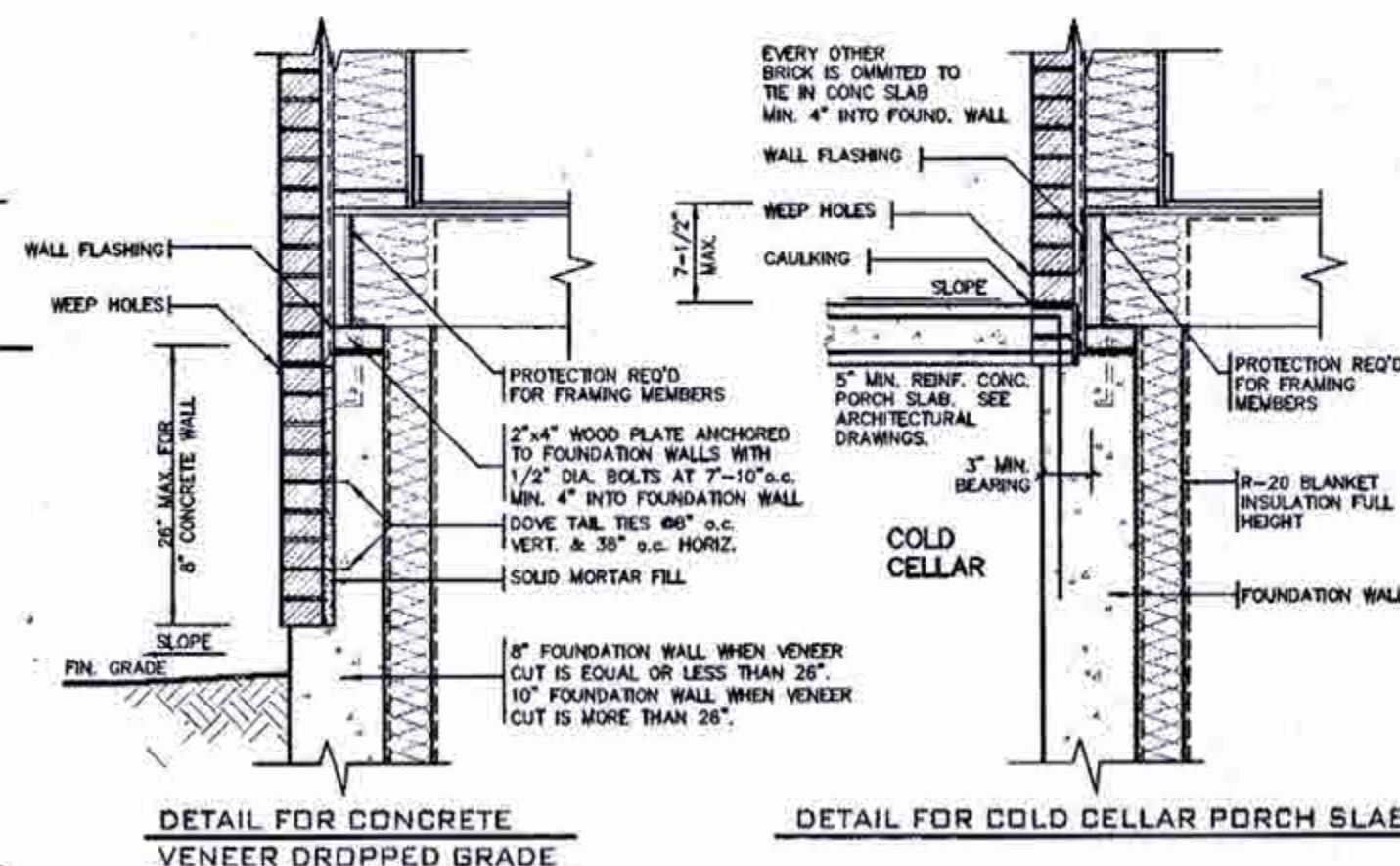
PROJ. NO.
18-24

DRWG. NO.
2



A. TERMINATION AT MASONRY CLADDING WITH SEALANT

1 1/2" = 1'0"



DETAIL FOR CONCRETE VENEER DROPPED GRADE

DETAIL FOR COLD CELLAR PORCH SLAB

CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
DEC 10 2018
BY
MARK DERKSEN

AUG 22 2018

2012 CODE

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

CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED BY: S. HANNA
NOV 27 2018
ATTACHED NOTES ARE PART
OF REVIEWED DRAWINGS
ALL WORK MUST COMPLY WITH CBO

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.

QUANTIFICATION INFORMATION
Required unless design is exempt under Division C, Subsection 1.2.5 of the building code.

Walter Botter 21031
NAME SIGNATURE BCIN

REGISTRATION INFORMATION
Required unless design is exempt under Division C, Subsection 1.2.4 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
MINNISALE HOME CORP.
CITY OF BRAMPTON

MODEL NAME
T

SCALE
AS NOTED

PROJ. No.
18-24

DWG. No.
3

BILD

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

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

ON SECOND FLOOR

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 8" COMPACTED GRAVEL

FIN BASEMENT SLAB

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

WOOD FRAME PARTY WALL TRUSSES PERPENDICULAR TO PARTY WALL

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, WID 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. 8 9.11.2.1(1))

WALL TYPE
SEE SUPPLEMENTARY STANDARDS SB3 TABLE 1, W13A BEARING WALL WITH 2 ROWS OF 2"x4 SPR. @ 16" O.C. ON SEPARATE 2"x4 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. 8 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

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.

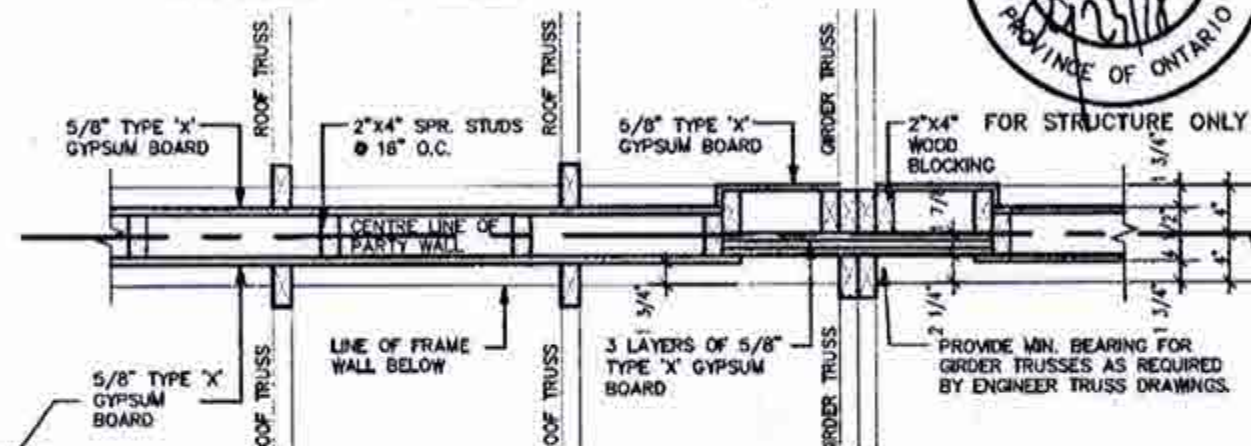
5/8" TYPE 'X' GYPSUM WALL BOARD

TOP OF PLATE

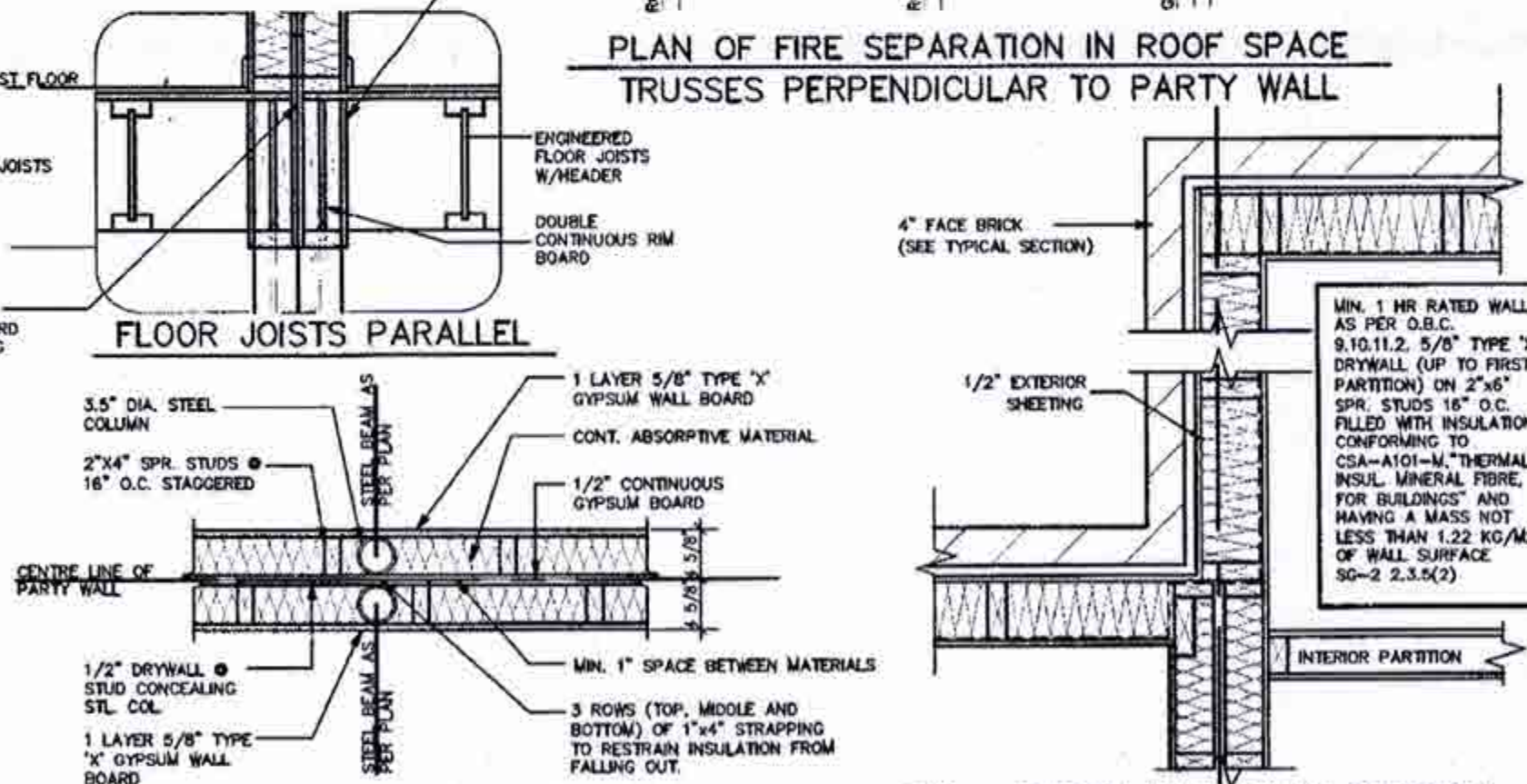
2 LAYERS OF 1/2" GYPSUM WALL BOARD FOR FIRE-STOPPING CONTINUOUS

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



PLAN OF PARTY WALL IN GARAGE

AUG 22 2018

PARTY WALL PLAN SECTION

2012 CODE

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-B, SECTION 8.1, WID 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.



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)

CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED

DEC 10 2018

BY
MARK DERKSEN

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 DETAILS PRIOR TO THE ISSUANCE OF A BUILDING PERMIT. REFER TO THE APPROPRIATE MUNICIPAL BUILDING DEPARTMENT BEFORE PROCEEDING WITH WORK.

AS CONSTRUCTED, PARTS MUST BE VERIFIED PRIOR TO POURING FOOTINGS.

JARDIN DESIGN GROUP INC. HAS NOT BEEN RETAINED TO CARRY OUT GENERAL REVIEW OF THIS WORK. JARDIN ASSUMES NO RESPONSIBILITY FOR THE FAILURE OF THE CONSTRUCTION OR FOR CONSTRUCTION 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.

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QUALIFICATION INFORMATION
Required unless design is exempt under Division C, Subsection 1.2.5 of the building code.

Walter Botter 21031
NAME SIGNATURE BCIN

REGISTRATION INFORMATION
Required unless design is exempt under Division C, Subsection 1.2.4 of the building code.

Jardin design group inc. 27763
FIRMA 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

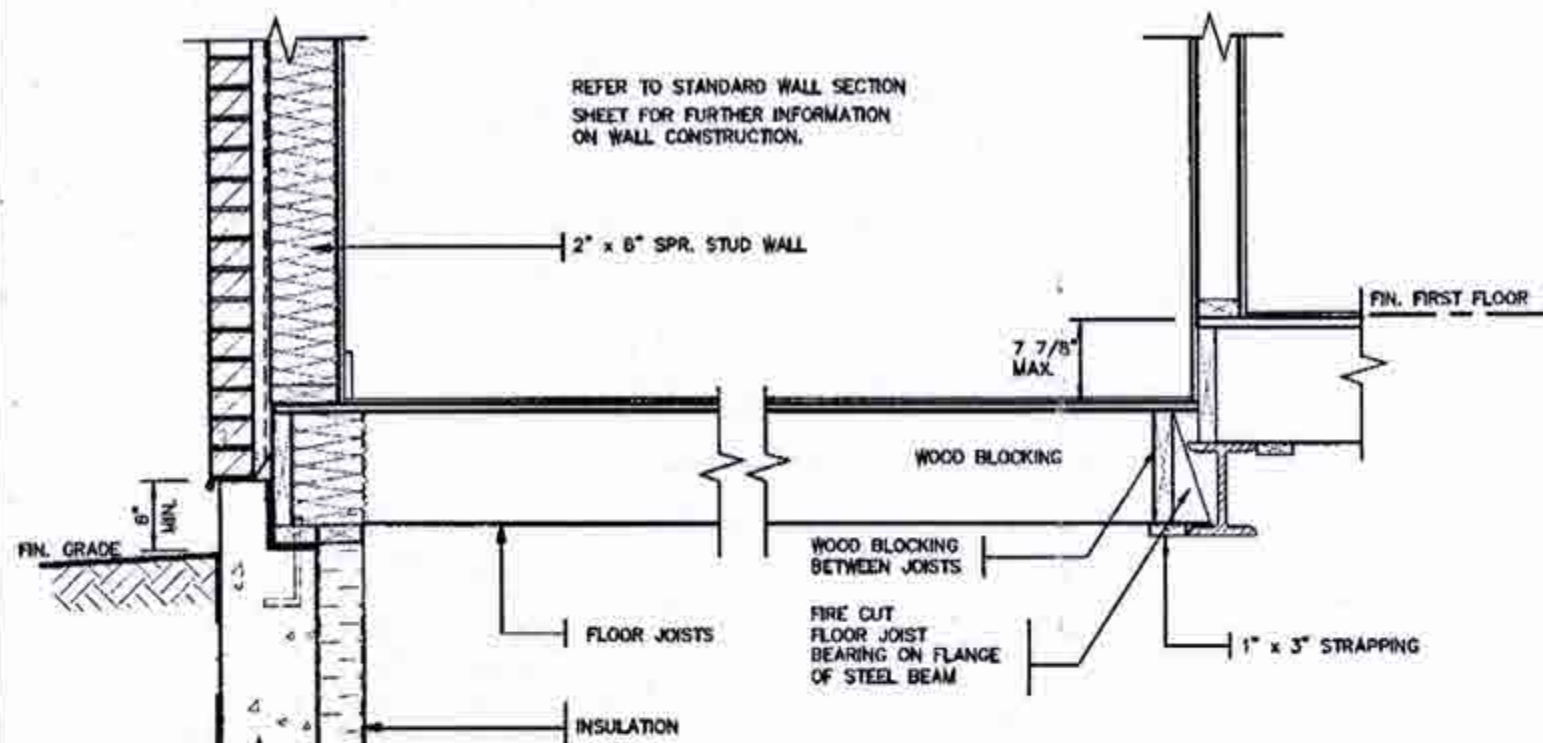
WOOD PARTY WALL

MINNISALE HOME CORP.
CITY OF BRAMPTON

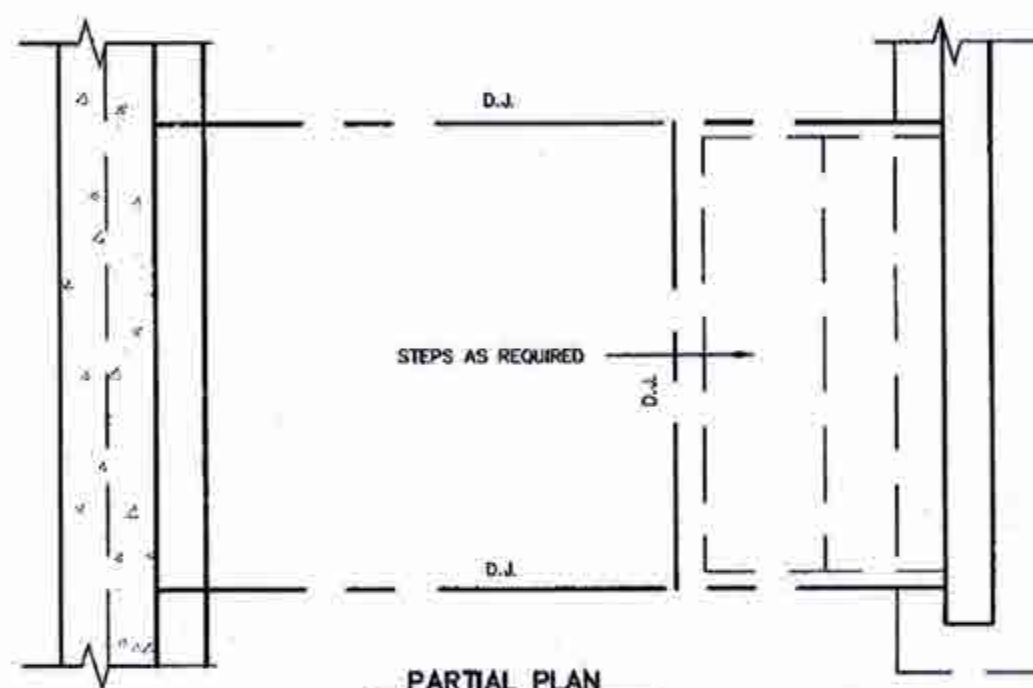
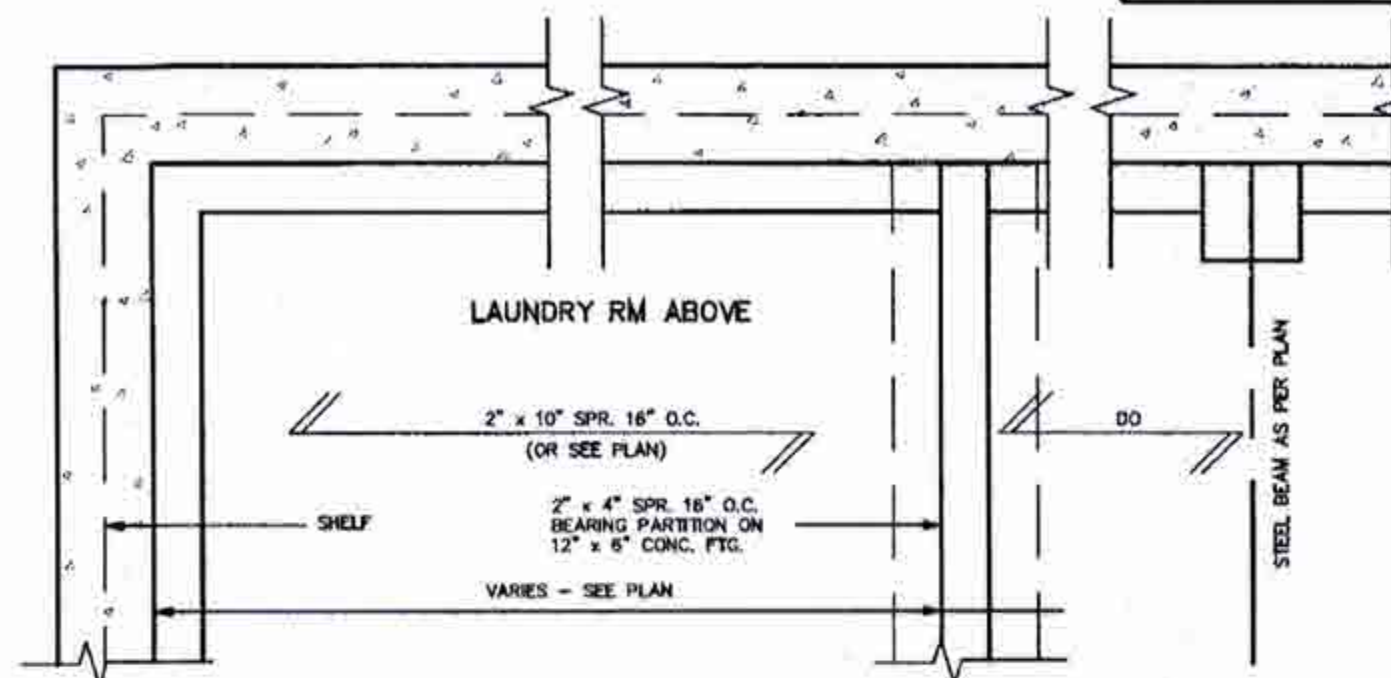


MODEL NAME
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SCALE: 3/4" = 1'-0"
PROJ. No. 18-24
DWG. No. 4

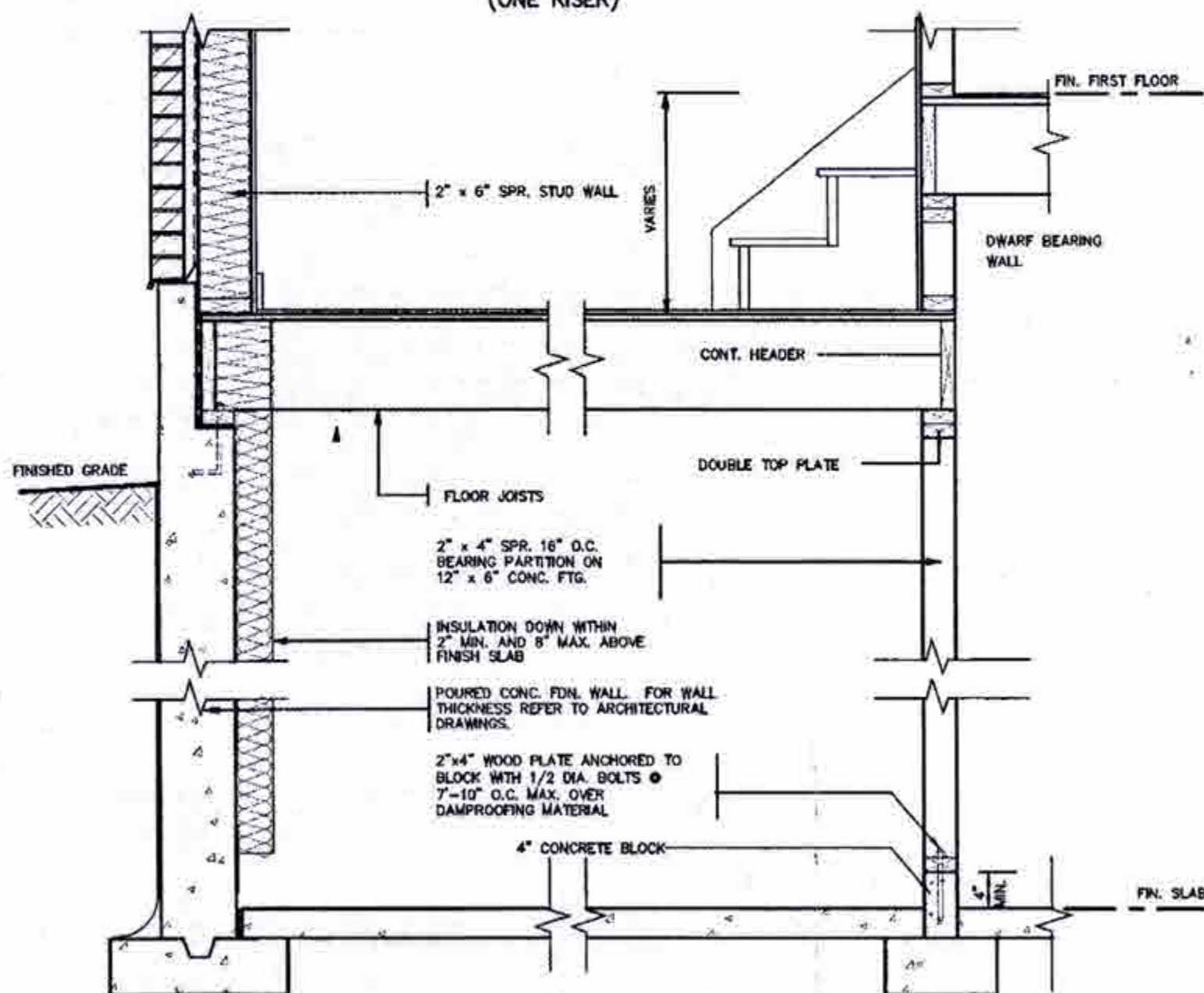
2012
PACKAGE 'A1'



DETAIL OF SUNKEN LAUNDRY
(ONE RISER)



PARTIAL PLAN



DETAIL OF SUNKEN LAUNDRY
(MORE THAN ONE RISER)

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

AUG 22 2018



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CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
DEC 10 2018
BY
MARK DERKSEN

2012 CODE

1-2 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 MECHANICAL INFORMATION SHOWN ON THIS DRAWING. FOR CONSTRUCTION PURPOSES, PRIOR TO THE ISSUANCE OF A BUILDING PERMIT, REFER TO THE APPROPRIATE PROFESSIONAL DRAWINGS BY CIVIL, MECHANICAL AND ELECTRICAL ENGINEERS. NO CONSTRUCTION SHALL BE PERMITTED PRIOR TO OBTAINING A BUILDING PERMIT.

JARDIN DESIGN GROUP INC. HAS NOT BEEN ADVISED 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. IT IS PROVIDED BY AND IS THE PROPERTY OF JARDIN DESIGN GROUP INC. THE DRAWING IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF JARDIN DESIGN GROUP INC.

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QUALIFICATION INFORMATION
Required unless design is exempt under Division C, Subsection 1.2.5 of the building code.

Walter Botter 21031
NAME SIGNATURE BCIN

REGISTRATION INFORMATION
Required unless design is exempt under Division C, Subsection 1.1.1 of the building code.

Jardin design group inc. 27763
FIRM NAME BCIN

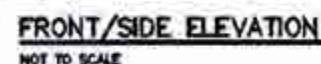
jardin
DESIGN GROUP INC
64 JARDIN DR. SUITE 3A
VAUGHAN ONT. L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

SUNKEN LAUNDRY

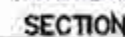
MINNISALE HOME CORP.
CITY OF BRAMPTON

MODEL NAME	T
SCALE	3/4" = 1'-0"
PROJ. No.	18-24
DWG. No.	5



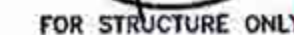


- 1.0 UNIT INSTALLATION TO STRICTLY CONFORM TO MANUFACTURER'S INSTALLATION MANUAL AND ALL APPLICABLE CODES OF LOCAL AUTHORITIES HAVING JURISDICTION INCLUDING CAN/CGA-B149.1 & 2.
- 2.0 INSTALL WITH THE FOLLOWING MINIMUM CLEARANCES TO COMBUSTIBLES:
 - FROM TOP OF UNIT 0"
 - FROM BACK OF UNIT 1/2"
 - FROM SIDES OF UNIT 1/2"
 - FROM TOP OF HORIZ VENT 3"
 - FROM SIDES TO VENT 1"
- 3.0 THE DIRECT EXTRACT 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 BETTER TO MODEL

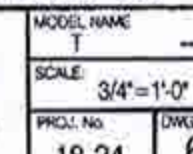
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2012 CODE

DIRECT VENT FIREPLACE

MINNISALE HOME CORP.
CITY OF BRAMPTON

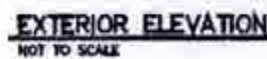


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1	AUG 17, 2018	PREPARED TO PACKAGE "31" ISSUED TO CLIENT
No.	DATE	WORK DESCRIPTION

a designer QUALIFICATION INFORMATION Required unless design is exempt under Division C, Subsection 3.2.5 of the building code	
Walter Botter	2103
NAME	SIGNATURE
REGISTRATION INFORMATION Required unless design is exempt under Division C, Subsection 3.2.4 of the building code	
jardin design group inc.	2776
FIRM NAME	BC

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

DIRECT VENT FIREPLACE



NOT TO SCALE

GENERAL INSTALLATION NOTES

- 1.0 UNIT INSTALLATION TO STRICTLY CONFORM TO MANUFACTURER'S INSTALLATION MANUAL AND ALL APPLICABLE CODES OF LOCAL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT.
- 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
- 3.0 THE DIRECT MODEL ILLUSTRATED IS THE SCISSOR MODEL AS MANUFACTURED BY HEATILATOR.
- 4.0 THE MANTEL ILLUSTRATED IS THE S-2 GB AS SUPPLIED BY GREATER TORONTO FIREPLACE.



SECTION

AUG 22 2018

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2012 CODE

DIRECT VENT FIREPLACE
WITH BRICK CAP

MINNISALE HOME CORP.
CITY OF BRAMPTON

MODEL NAME	T
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SCALE: 3/4" = 1'-0"

BILD*	PROJ. No.	DWG.
	18-24	6-

7	THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO JAWOZ DESIGN GROUP INC. PRIOR TO COMMENCEMENT OF WORK.	
6	JAWOZ DESIGN GROUP INC. IS NOT RESPONSIBLE FOR THE ACCURACY OF SURVEY, SITE LOCATION, OR ENGINEERING INFORMATION SHOWN ON THESE CHANGING ORDERS. FOR CONSTRUCTION STARTED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT, REFER TO THE APPROPRIATE ENGINEERING DRAWINGS OR RECORDS OF THE PROCEEDING WITH WORK.	
5	ALL CONSTRUCTION MUST BE VERIFIED PRIOR TO POURING CONCRETE.	
4	JAWOZ DESIGN GROUP INC. HAS NOT BEEN RETAINED TO OBTAIN A GENERAL REVIEW OF THE WORK OR ASSUME ANY RESPONSIBILITY FOR THE FAILURE OF THE CONSTRUCTION OR ANY CONSTRUCTION TO COMPLY WITH THE WORKING AGREEMENTS MADE WITH THE CONTRACT DOCUMENTS.	
3		
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1	THE CHANGING ORDERS ARE INSTRUMENT OF SERVICE. APPROVED BY AND IS THE PROPERTY OF JAWOZ DESIGN GROUP INC. THESE CHANGING ORDERS NOT TO BE REPRODUCED.	AUG. 17, 2018 PREPARED TO PACKAGE "A" ISSUED TO CLIENT
No:	DATE:	WORK DESCRIPTION

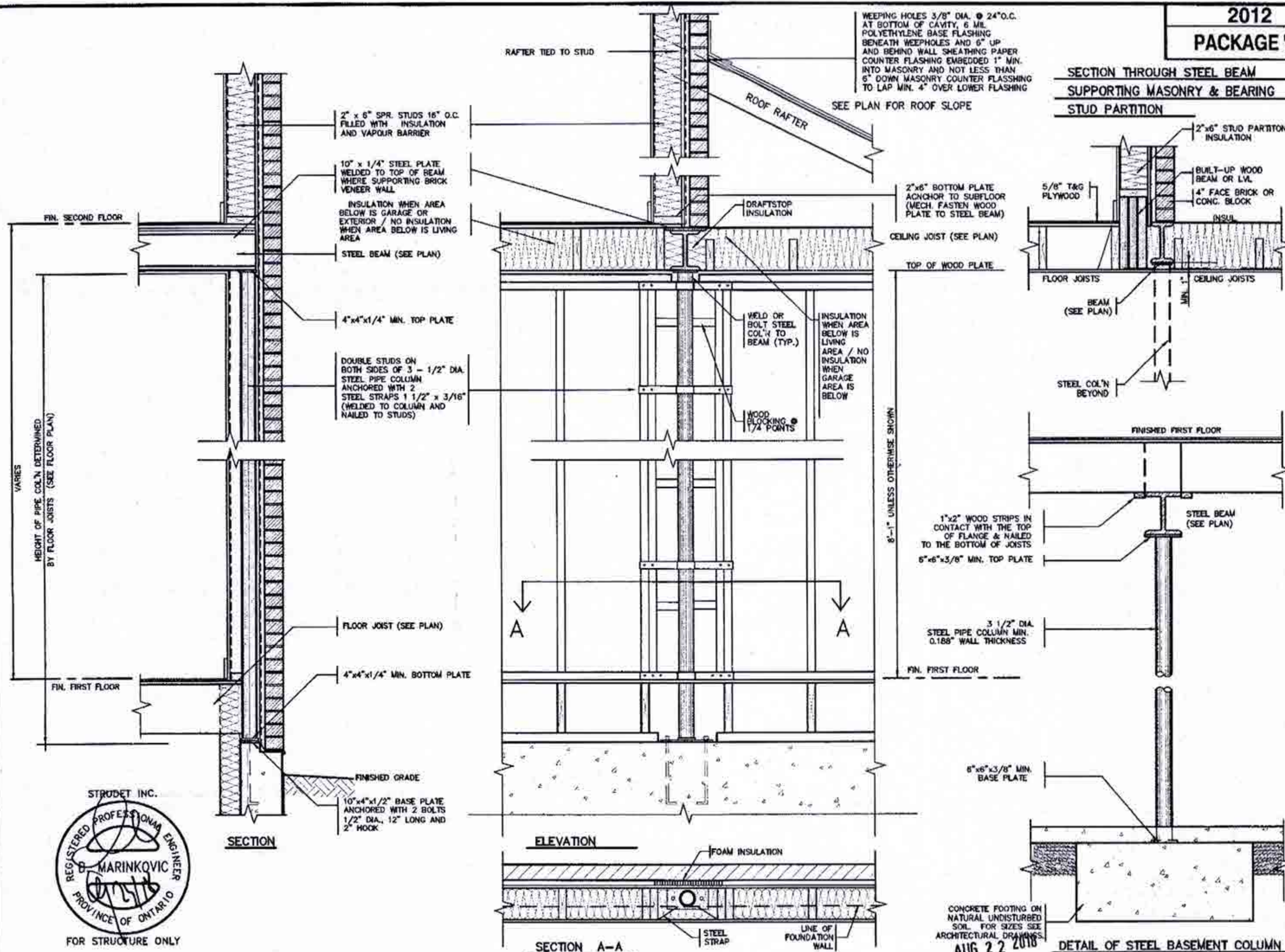
The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer QUALIFICATION INFORMATION Required unless design is exempt under Division C, Subsection 1.2.5 of the building code	
Walter Botter NAME	21031 SIGNATURE BCIN
REGISTRATION INFORMATION Required unless design is exempt under Division C, Subsection 3.2.4 of the building code	
Jardin design group inc. FIRST NAME LAST NAME	27763 BCIN

jardin
DESIGN GROUP INC
64 JARDIN DR. SUITE 3A
VAUGHAN ONT. L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3711
EMAIL: info@jardindesign.ca



MODEL NAME	
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SCALE	
3/4"=1'-0"	
PROJ. No.	DWG.
18-24	6-

2012
PACKAGE 'A1'



CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
DEC 10 2018
BY
MARK DERKSEN

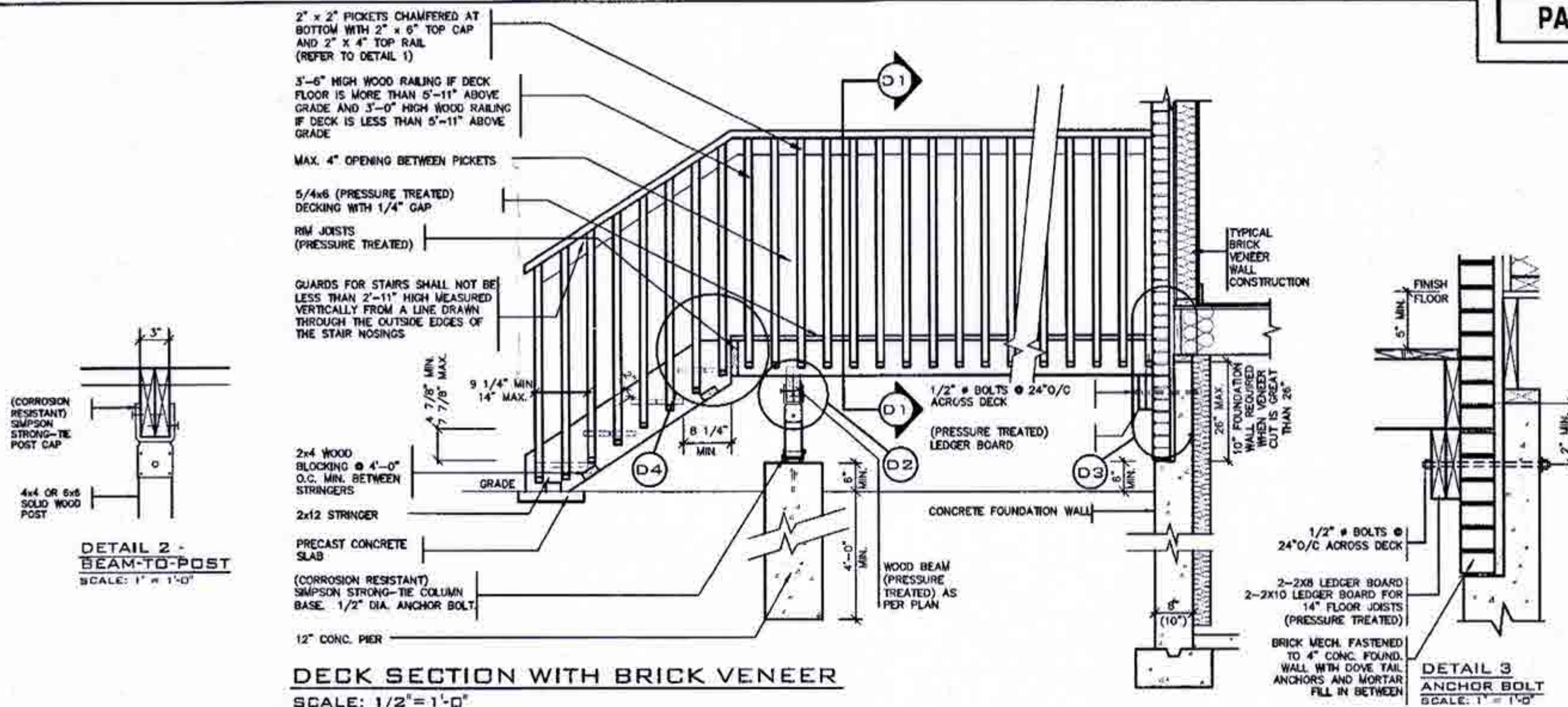
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AS CONSTRUCTED DIMENSIONS MUST BE VERIFIED PRIOR TO POURING FOOTINGS.
JARDIN DESIGN GROUP INC. HAS NOT BEEN RETAINED TO CARRY OUT GENERAL REVIEW OF THE WORK AND ASSUMES NO RESPONSIBILITY FOR THE FAILURE OF THE CONSTRUCTION OR SUB CONTRACTOR TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
THIS DRAWING IS AN INSTRUMENT OF SERVICE. IT IS PROVIDED BY AND IS THE PROPERTY OF JARDIN DESIGN GROUP INC. THIS DRAWING IS NOT TO BE REPRODUCED.
DRAWN BY: []
CHECKED BY: []
DATE: []
WORK DESCRIPTION: []

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Walter Botter 21031
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REGISTRATION INFORMATION
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jardin design group inc. 27763
FIRM NAME BCIN

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

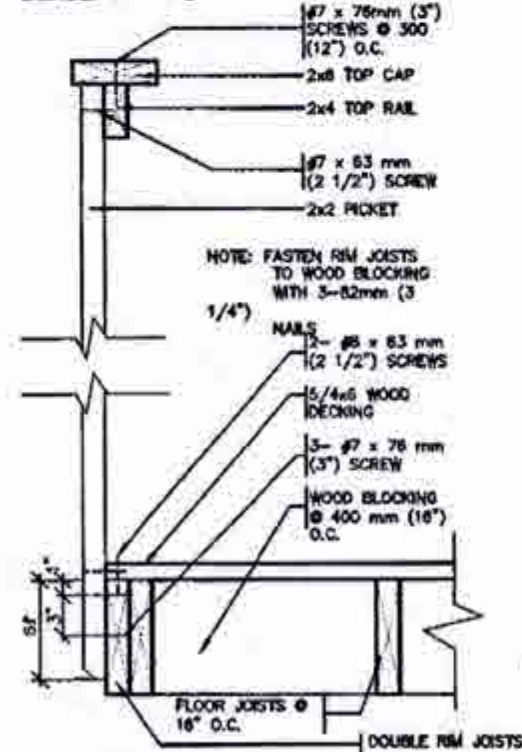
ST. COLUMN DETAILS
MINNISALE HOME CORP.
CITY OF BRAMPTON
MODEL NAME: T
SCALE: 3/4"=1'-0"
SHEET NO.: 18-24
DRAWING NO.: 7



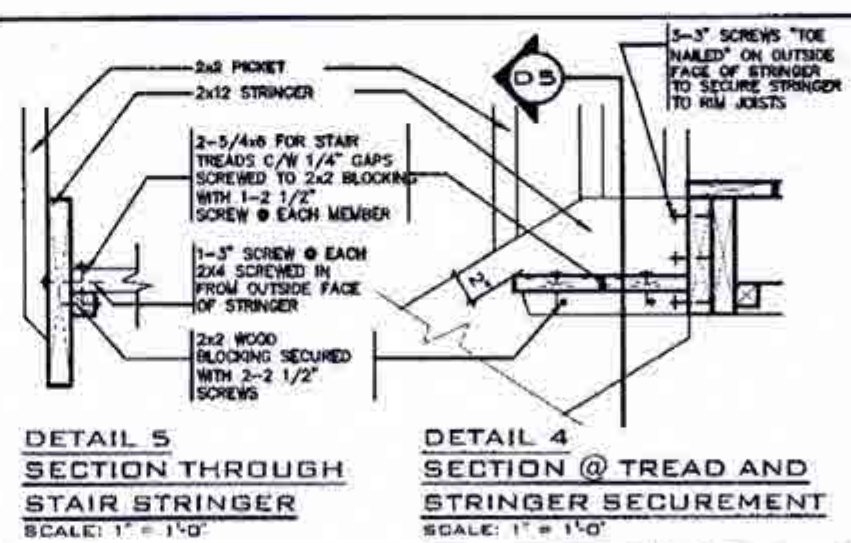
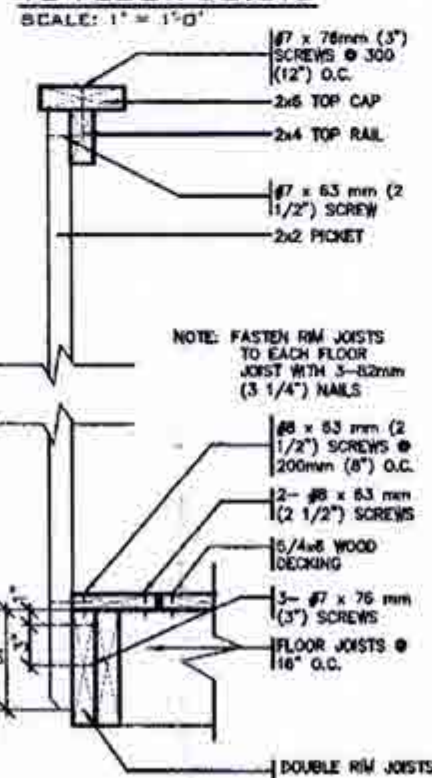
DECK SECTION WITH BRICK VENEER
SCALE: 1/2" = 1'-0"

DETAIL 1

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



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



GENERAL NOTES

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

AUG 22 2018



FOR STRUCTURE ONLY

2012 CODE

CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
DEC 10 2018
BY
MARK DERKSEN

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 PROVIDED TO THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL DIMENSIONS AND CONDITIONS ON SITE PRIOR TO COMMENCEMENT OF WORK.
ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED PRIOR TO COMMENCEMENT OF WORK.
JARDIN DESIGN GROUP INC. HAS NOT BEEN RETAINED TO VERIFY OR CORRECT THE ACCURACY OF THE INFORMATION PROVIDED TO THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL DIMENSIONS AND CONDITIONS ON SITE PRIOR TO COMMENCEMENT OF WORK.
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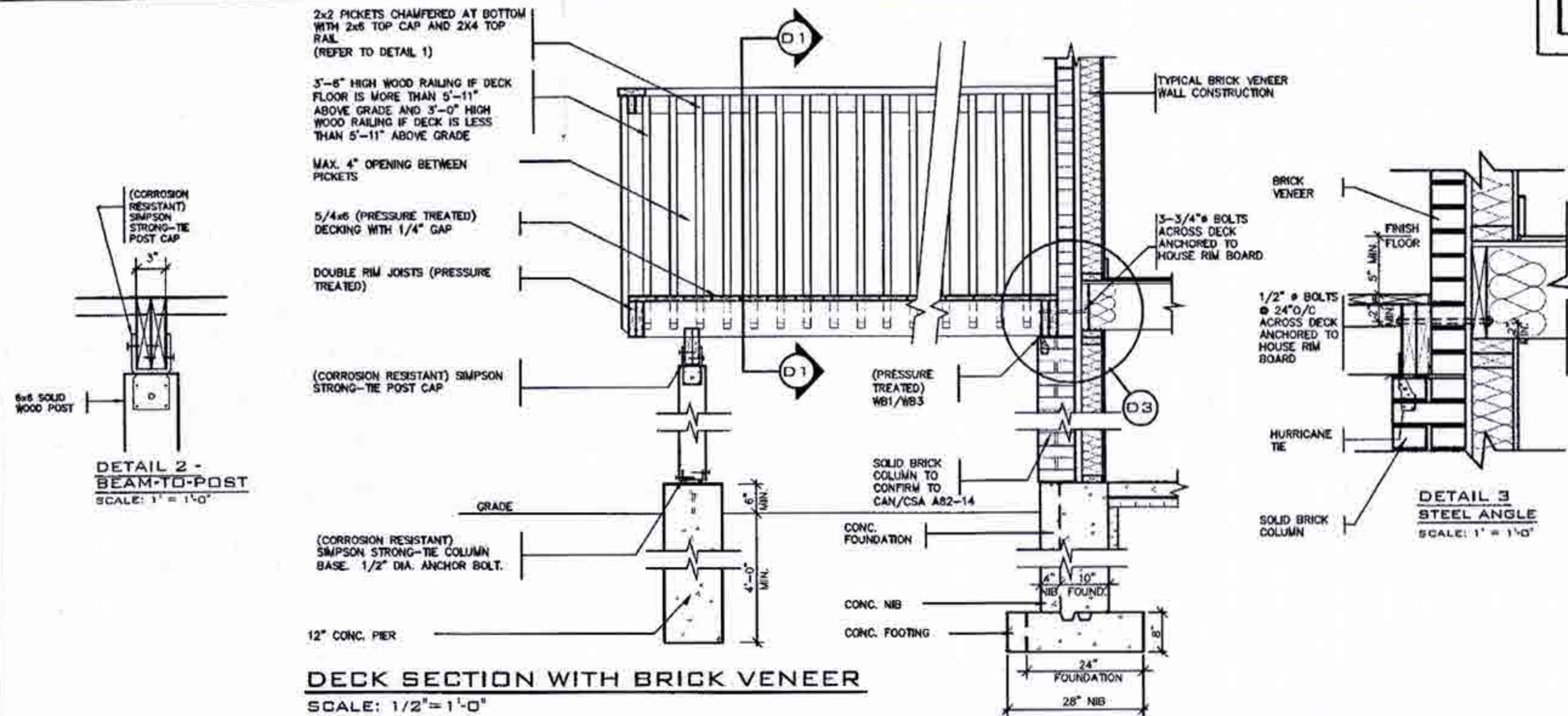
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1	AUG. 17, 2018	PREPARED TO PACKAGE 'A1' ISSUED TO CLIENT
No.	DATE	WORK DESCRIPTION

The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a designer.
QUALIFICATION INFORMATION
Required unless design is exempt under Division C, Subsection 1.2.3 of the Building Code.
Walter Botter 21031
NAME SIGNATURE BCIN
REGISTRATION INFORMATION
Required unless design is exempt under Division C, Subsection 1.2.4 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
MINNISALE HOME CORP.
CITY OF BRAMPTON

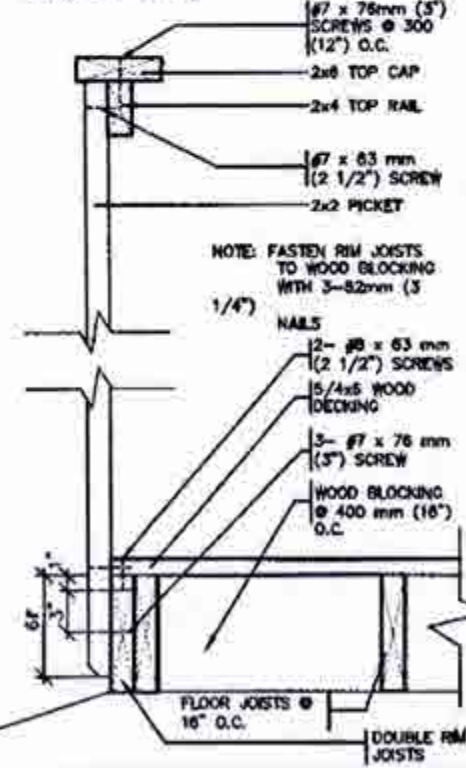
MODEL NAME	T
SCALE	AS SHOWN
PROJ. NO.	18-24
DWG. NO.	8



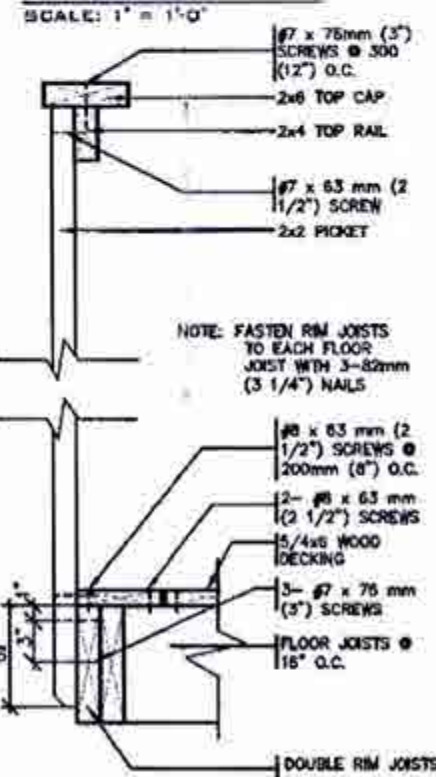
DETAIL 1

CANTILEVERED PICKET SCREWED TO RIM JOIST AND DECK

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



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



GENERAL NOTES

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AUG 22 2018



CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
DEC 10 2018
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JARDIN DESIGN GROUP INC. HAS NOT BEEN ESTABLISHED TO CARRY OUT GENERAL REVIEW OF THE WORK AND ASSURES NO RESPONSIBILITY FOR THE FAILURE OF THE CONSTRUCTION OR SUB-CONTRACTOR TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

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Walter Botter 21031
NAME SIGNATURE BCIN

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

Jardin design group inc. 27763
FIRM NAME BCIN

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

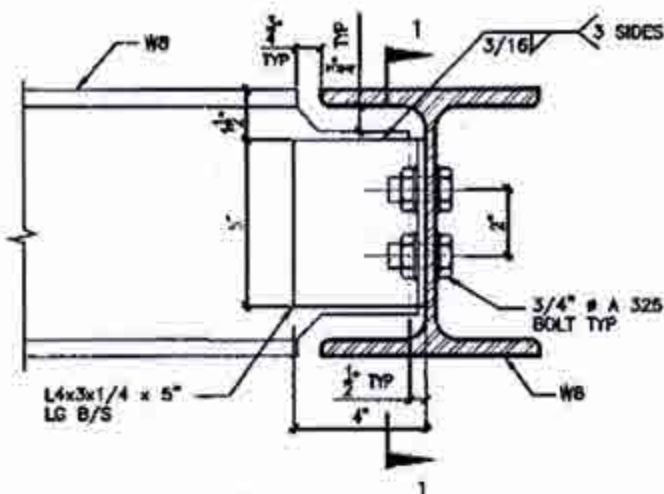
WALK-OUT DECK DETAIL
MINNISALE HOME CORP.
CITY OF BRAMPTON

MODEL NAME
T

SCALE
AS SHOWN

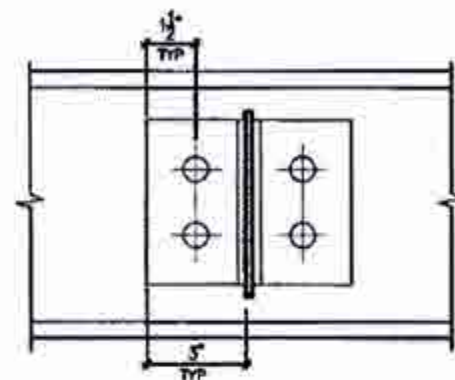
PROJ. No.
18-24

DWG. No.
8-1

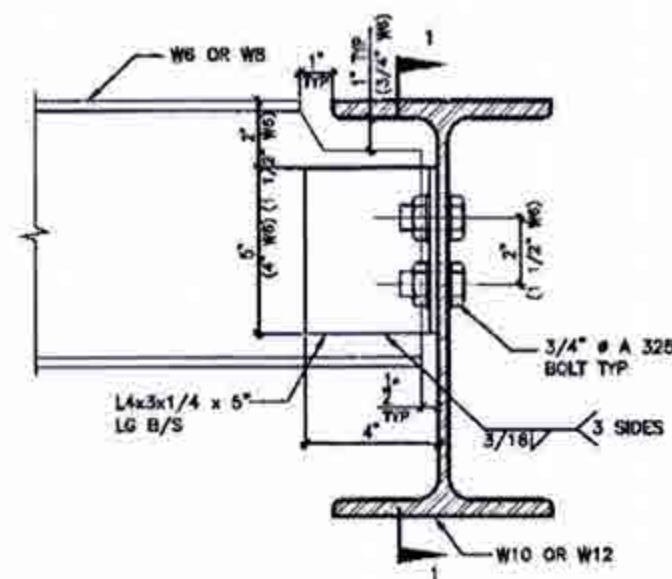


DETAIL 1.

W8
TO
W8
CONNECTION

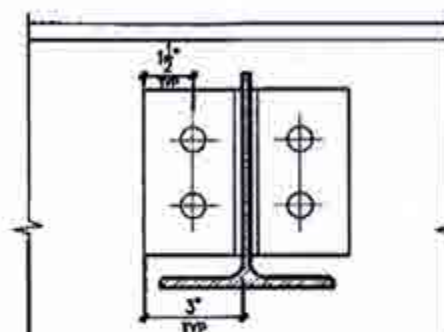


SECTION 1-1

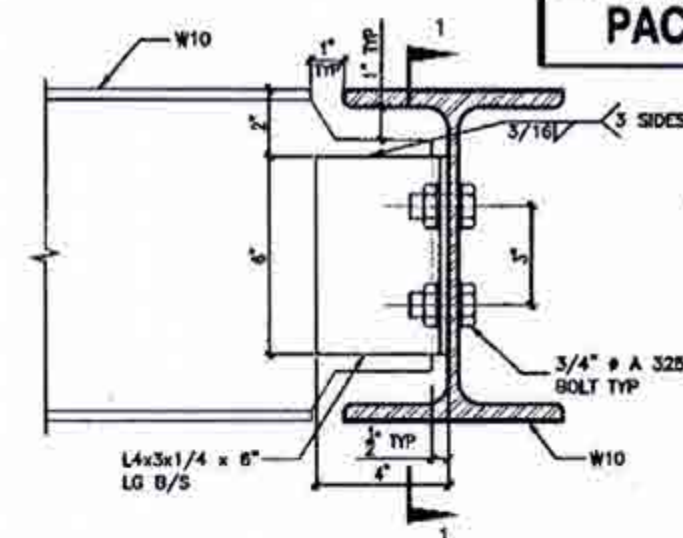


DETAIL 2.

W6(W8)
TO
W10(W12)
CONNECTION

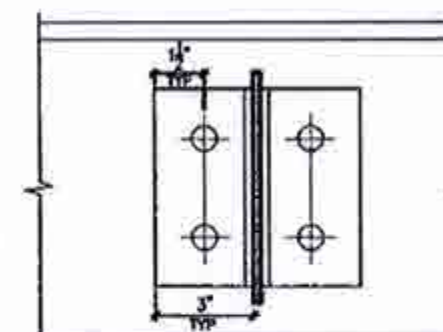


SECTION 1-1

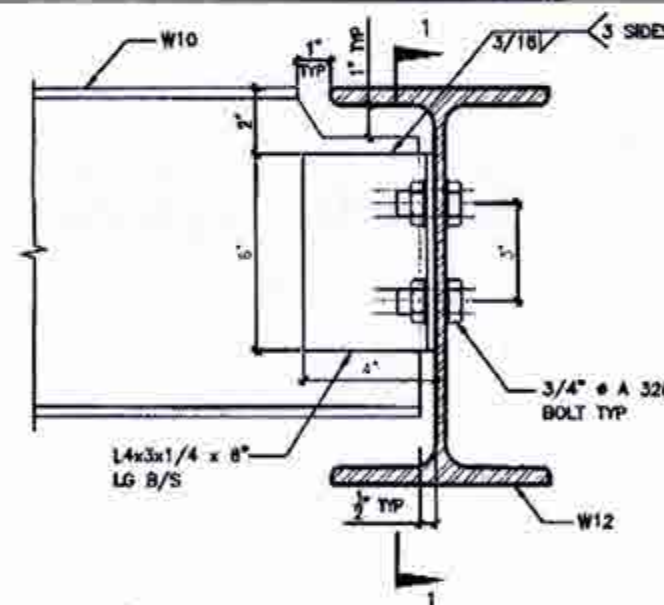


DETAIL 3.

W10
TO
W10
CONNECTION

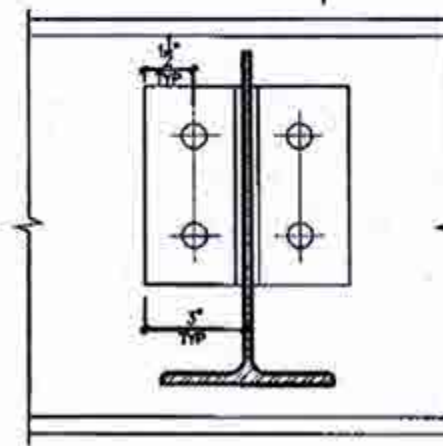


SECTION 1-1

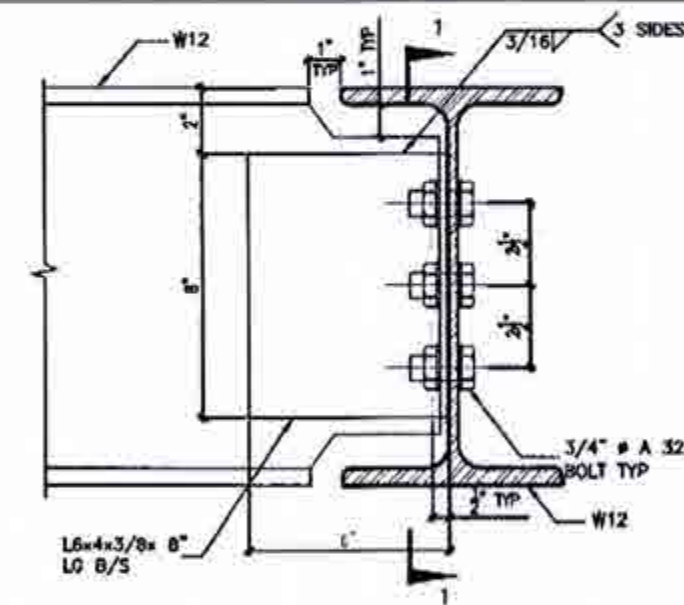


DETAIL 4.

W10
TO
W12
CONNECTION

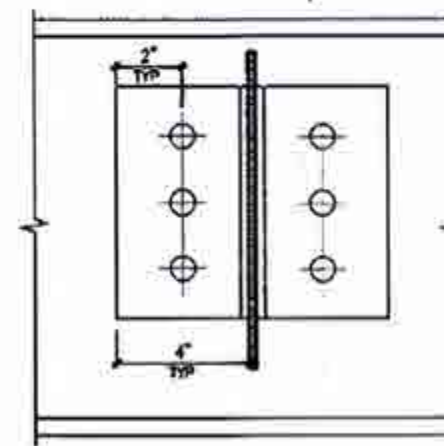


SECTION 1-1

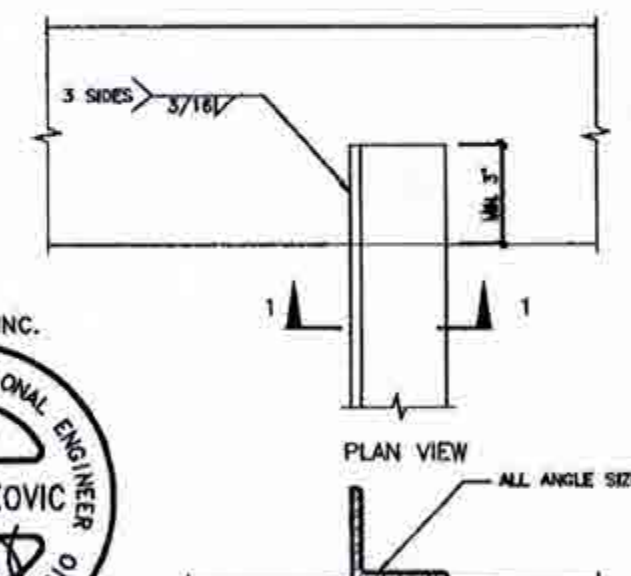


DETAIL 5.

W12
TO
W12
CONNECTION



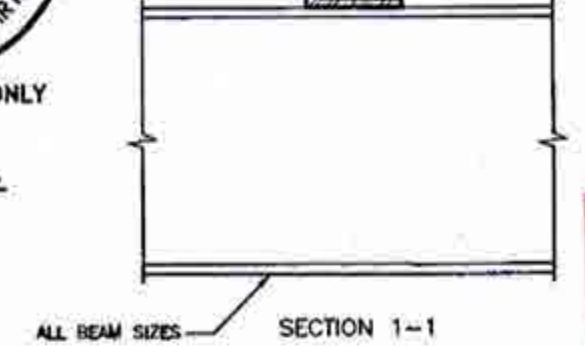
SECTION 1-1



FOR STRUCTURE ONLY

DETAIL 6.

ANGLE
TO
BEAM
CONNECTION



SECTION 1-1

CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
DEC 10 2018
BY
MARK DERKSEN

AUG 22 2018
2012 CODE

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AS CONSTRUCTED PERMITS 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 CONSTRUCTION OR SUB CONTRACTOR TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
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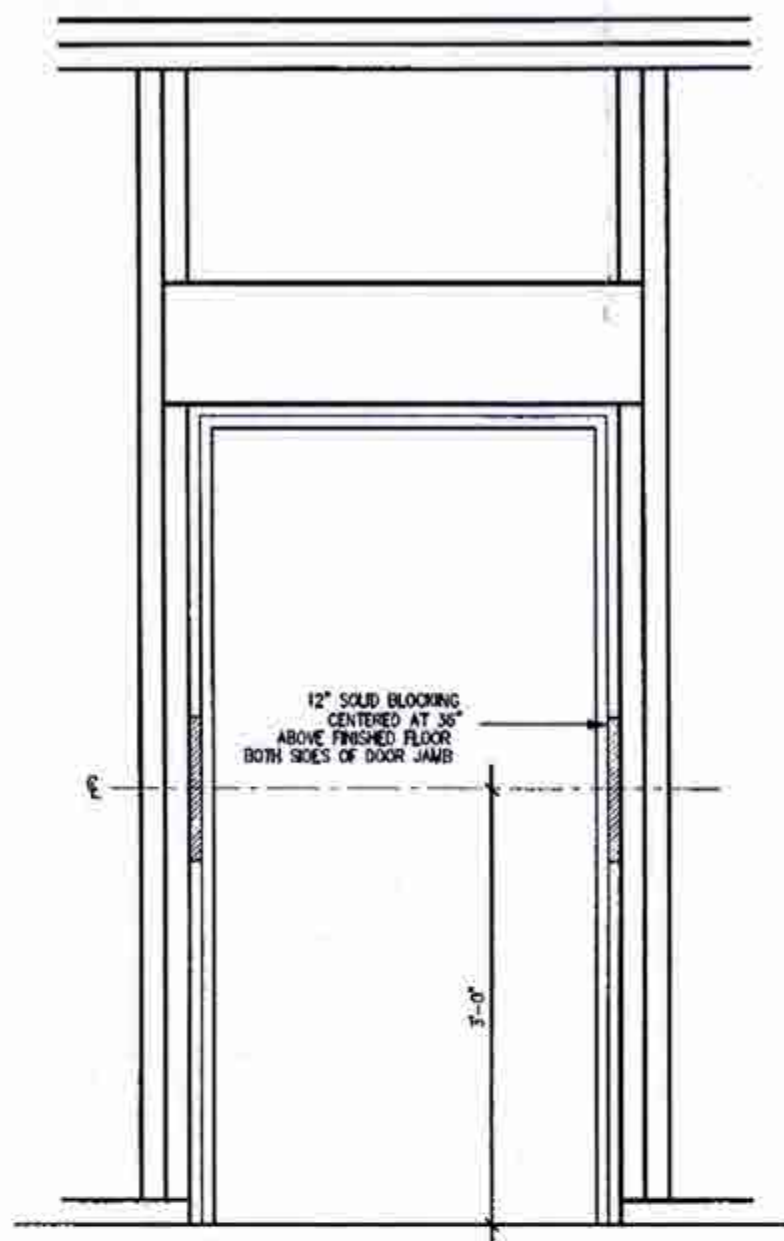
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1	AUG 17, 2018	PREPARED FOR PACKAGE 'A1' ISSUED TO CLIENT
No.	DATE	WORK DESCRIPTION

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QUALIFICATION INFORMATION
Required unless design is exempt under Division C, Subsection 3.2.5 of the building code.
Walter Botter 21037
NAME SIGNATURE BCIN
REGISTRATION INFORMATION
Required unless design is exempt under Division C, Subsection 3.2.5 of the building code.
jardin design group inc. 27763
FIRM NAME BCIN

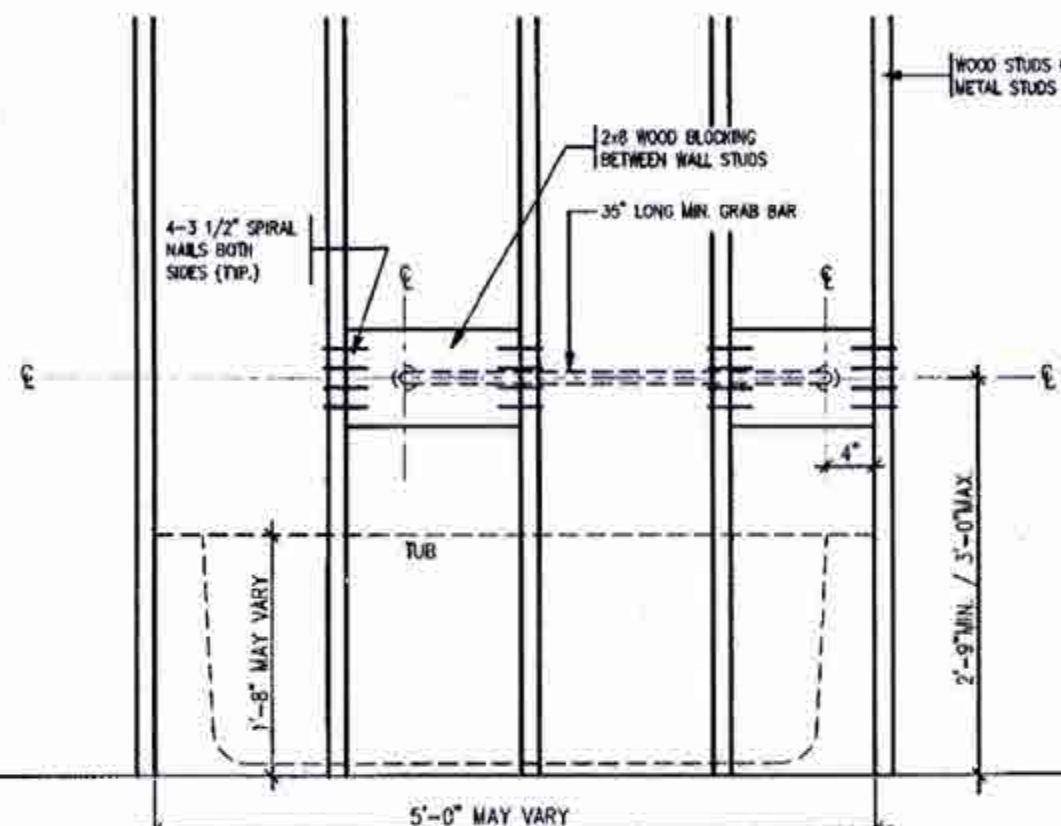
jardin
DESIGN GROUP INC
64 JARDIN DR. SUITE 3A
VAUGHAN ONT. L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

STEEL BEAM DETAILS
MINNISALE HOME CORP.
CITY OF BRAMPTON
MODEL NAME
T
SCALE: N.T.S.
PROJ. No. 18-24
DWG. No. 9

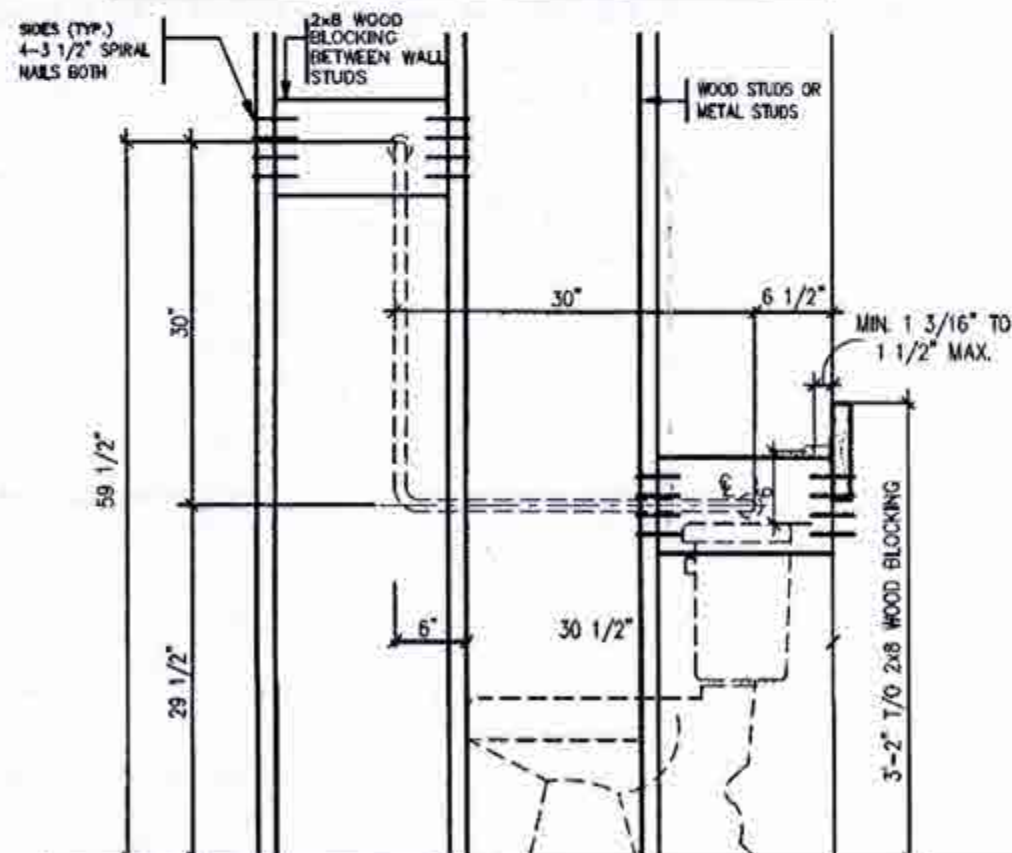
2012
PACKAGE 'A1'



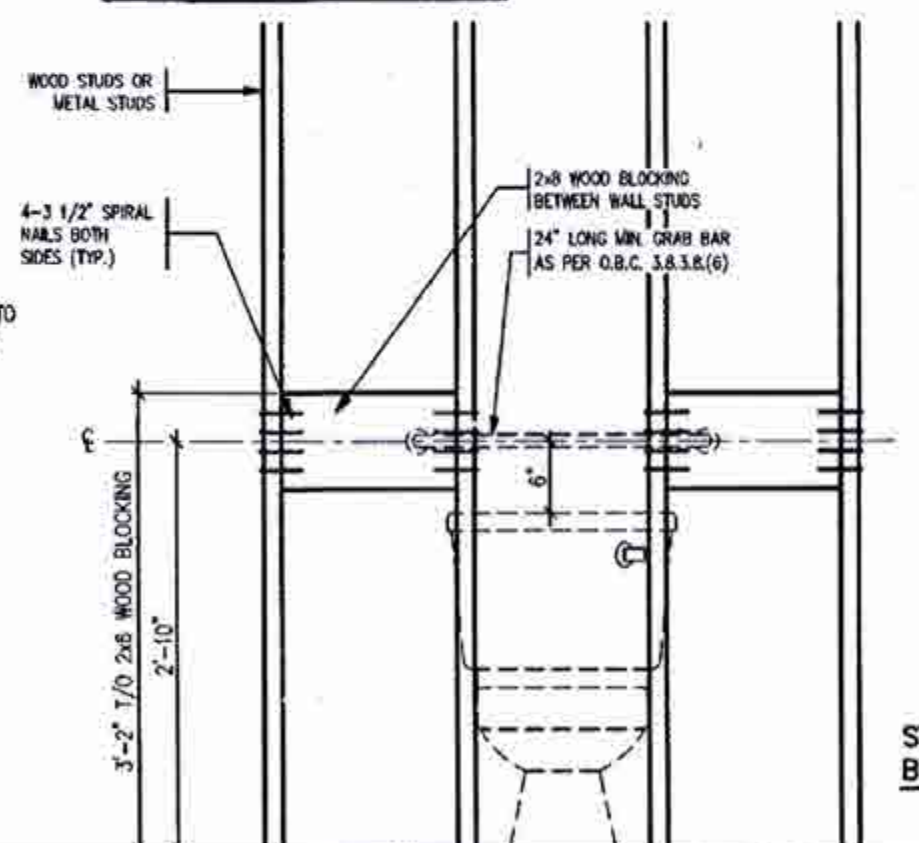
RESISTANCE TO FORCED ENTRY (OBC 9.6.8.)



BATH TUB FRONT ELEVATION



TOILET SIDE ELEVATION



TOILET FRONT ELEVATION

STRUCTURAL REINFORCEMENT FOR GRAB
BAR (OBC 9.5.2.3.)



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CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED

DEC 10 2018

BY
MARK DERKSEN

AUG 22 2018

2012 CODE

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OF SURVEY, STRUCTURAL, OR ELECTRICAL INFORMATION OR FOR
THESE DRAWINGS OR FOR CONSTRUCTION STARTED PRIOR TO THE
ISSUANCE OF A BUILDING PERMIT. REFERENCE TO THE APPROPRIATE
MUNICIPAL ORDINANCES DOES NOT CONSTITUTE A WARRANTY.
IF CONSTRUCTION METHODS MUST BE MODIFIED FROM THOSE
SHOWN, JARDIN DESIGN GROUP INC. HAS NOT BEEN RETAINED TO CARRY OUT
GENERAL REVIEW OF THE WORK AND ASSUMES NO RESPONSIBILITY
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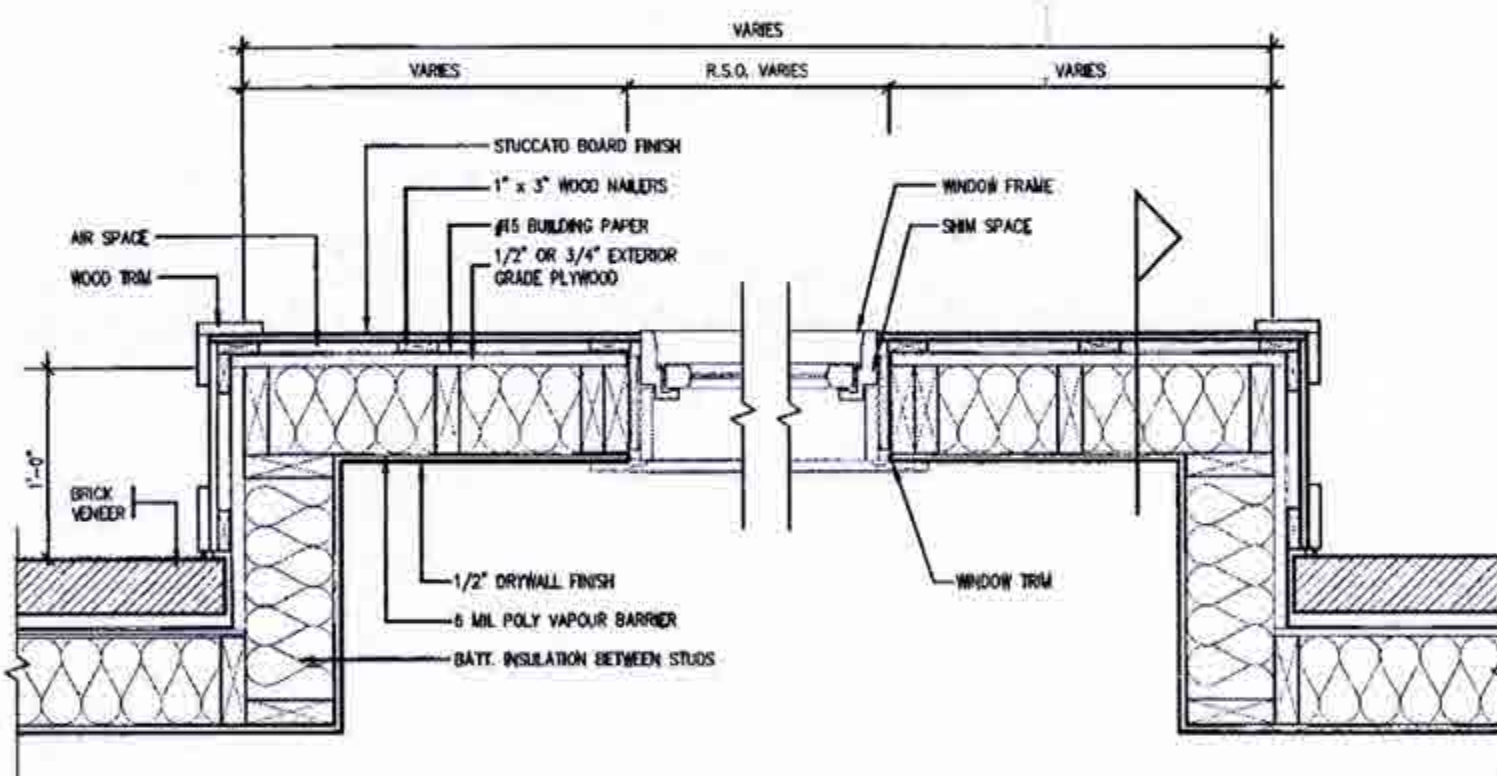
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1	AUG 17, 2018	PREPARED TO PACKAGE 'A1' ISSUED TO CLIENT
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1.2.3 of the building code.
Walter Botter 21031
NAME SIGNATURE BCIN
REGISTRATION INFORMATION
Required unless design is exempt under Division C, Subsection
1.2.4 of the building code.
Jardin design group inc. 27763
FIRM NAME BCIN

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

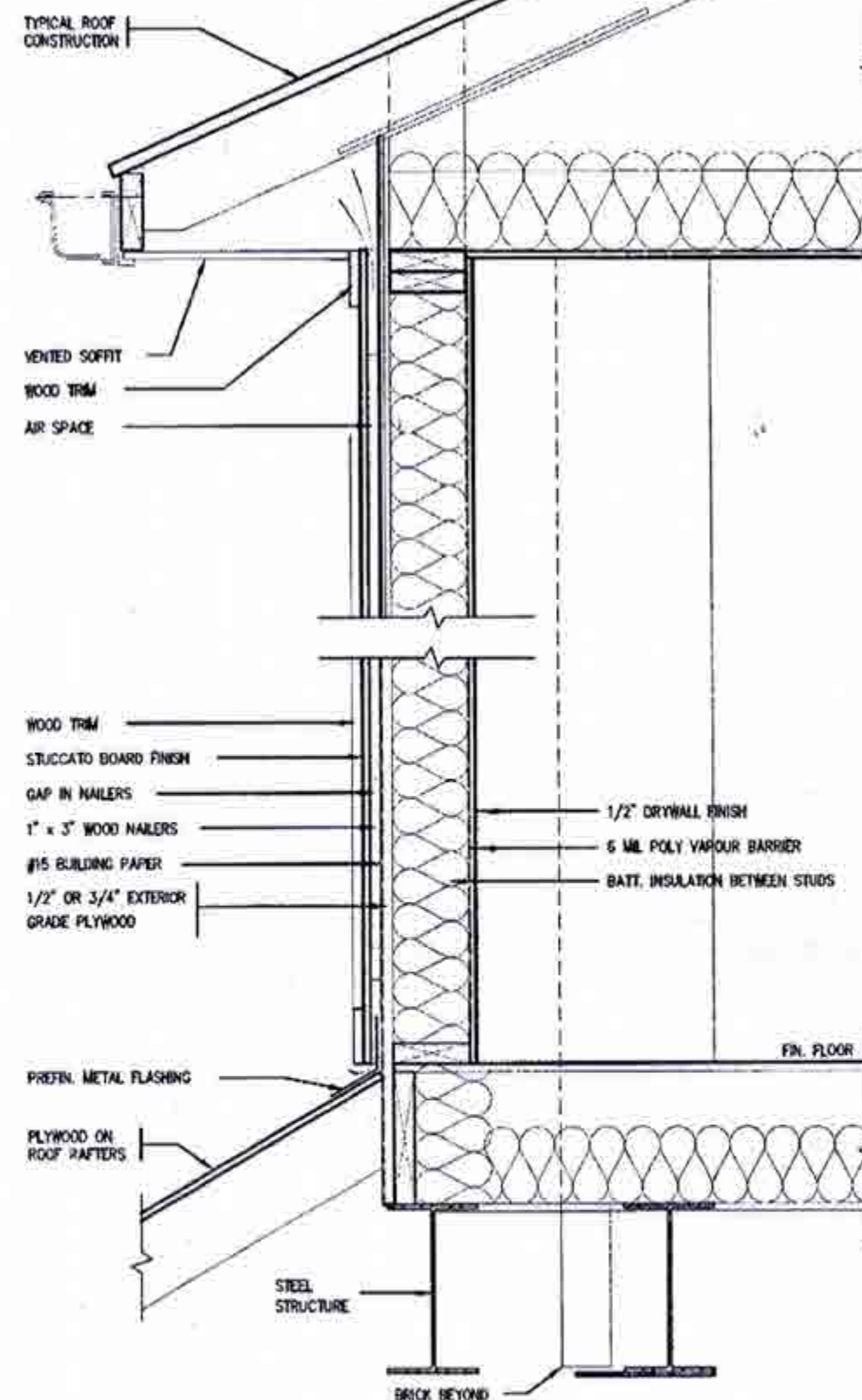
BLOCKING
FORCED ENTRY & GRAB BAR
MINNISALE HOME CORP.
CITY OF BRAMPTON
MODEL NAME
T
SCALE
3/4" = 1'-0"
PROJ. No.
18-24
DWG. No.
10

2012
PACKAGE 'A1'



PLAN VIEW

STUCCATO BOARD FINISH CLADDING (OBC 9.27.)



CROSS SECTION



CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
DEC 10 2018
BY
MARK DERKSEN

AUG 22 2018

2012 CODE

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4		
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2		
1	AUG. 17, 2018	PREPARED TO PACKAGE 'A1' ISSUED TO CLIENT
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QUALIFICATION INFORMATION
Required unless design is exempt under Division C, Subsection 2.2.3 of the building code.

Walter Botter 21037
NAME SIGNATURE BCFV

REGISTRATION INFORMATION
Required unless design is exempt under Division C, Subsection 2.2.4 of the building code.

Jardin design group inc. 27763
FIRM NAME BCFV

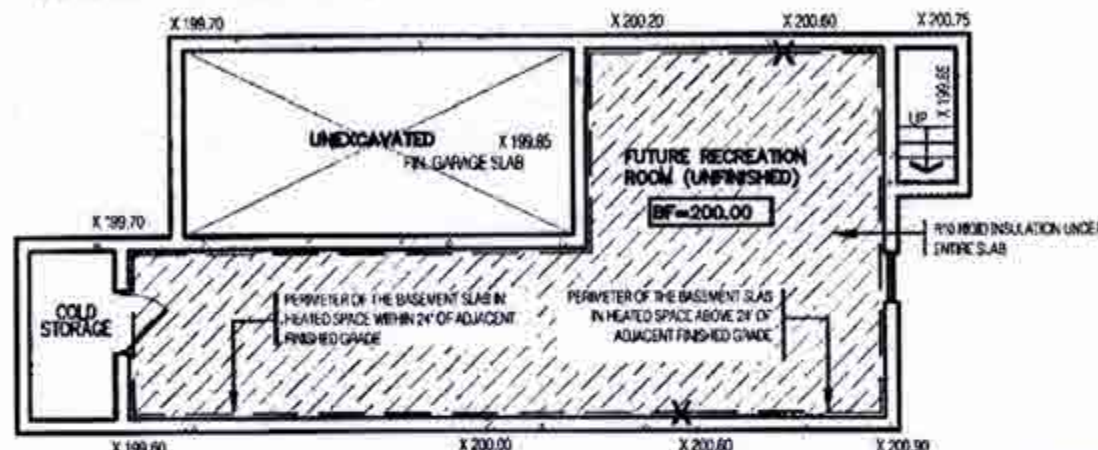
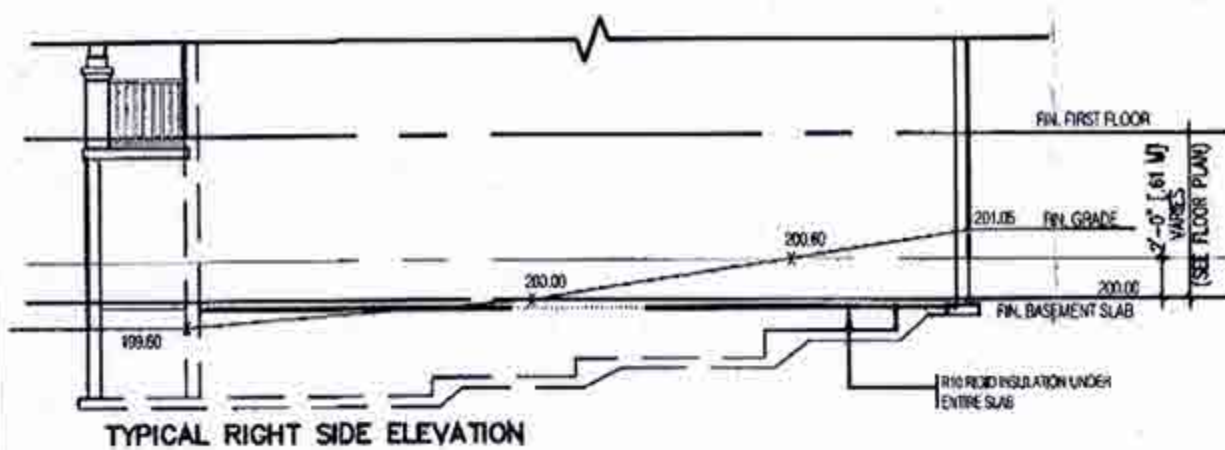
jardin
DESIGN GROUP INC
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VAUGHAN ONT. L4K 3P3
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EMAIL: info@jardindesign.ca

STUCCATO BOARD
FINISH CLADDING
MINNISALE HOME CORP.
CITY OF BRAMPTON

MODEL NAME
T

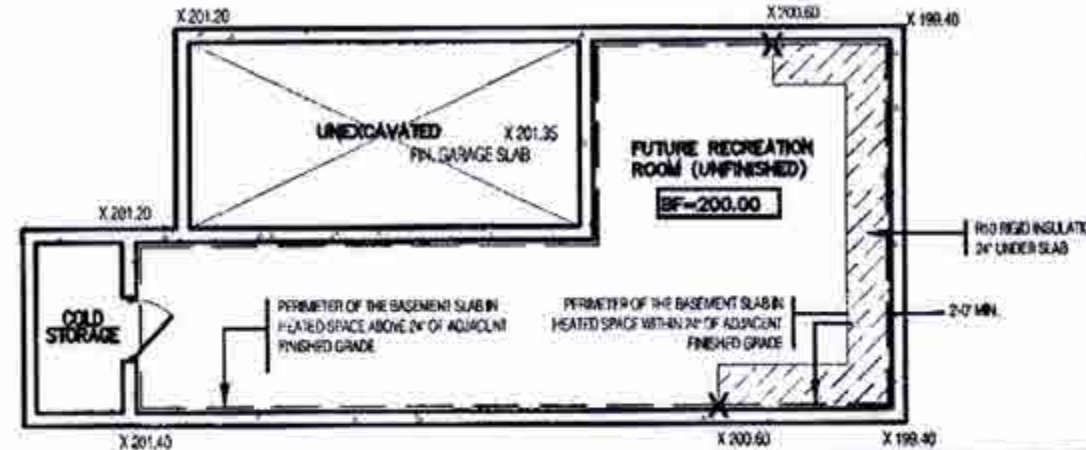
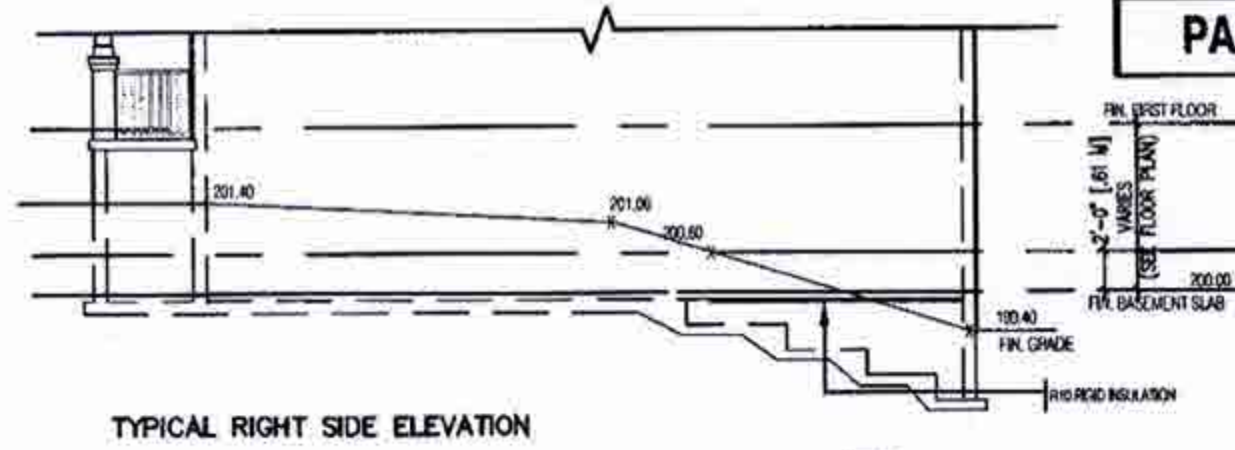
SCALE: 1" = 1'-0"

PROJ. No. 18-24 DWG. No. 11



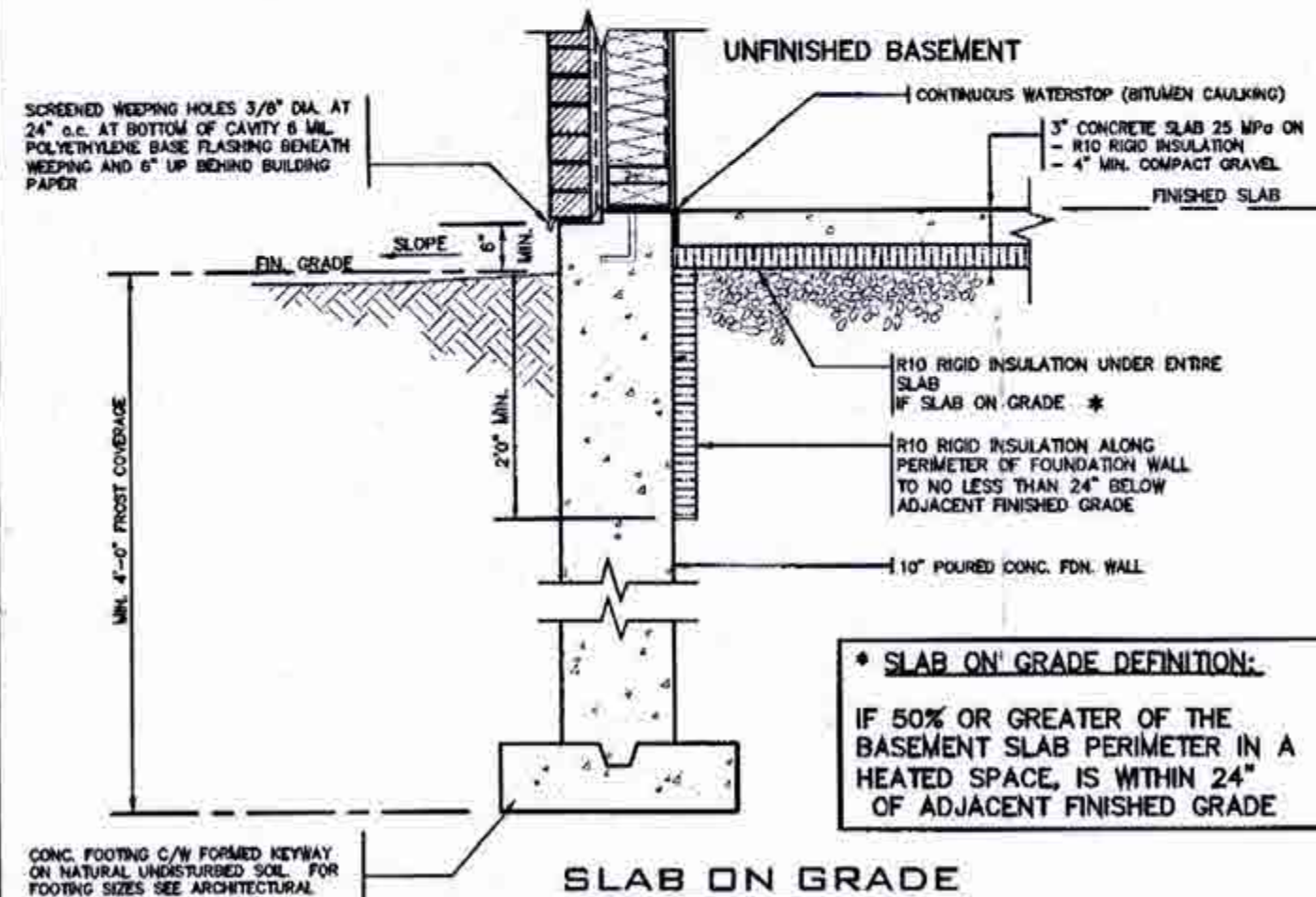
SLAB ON GRADE CONDITION

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.

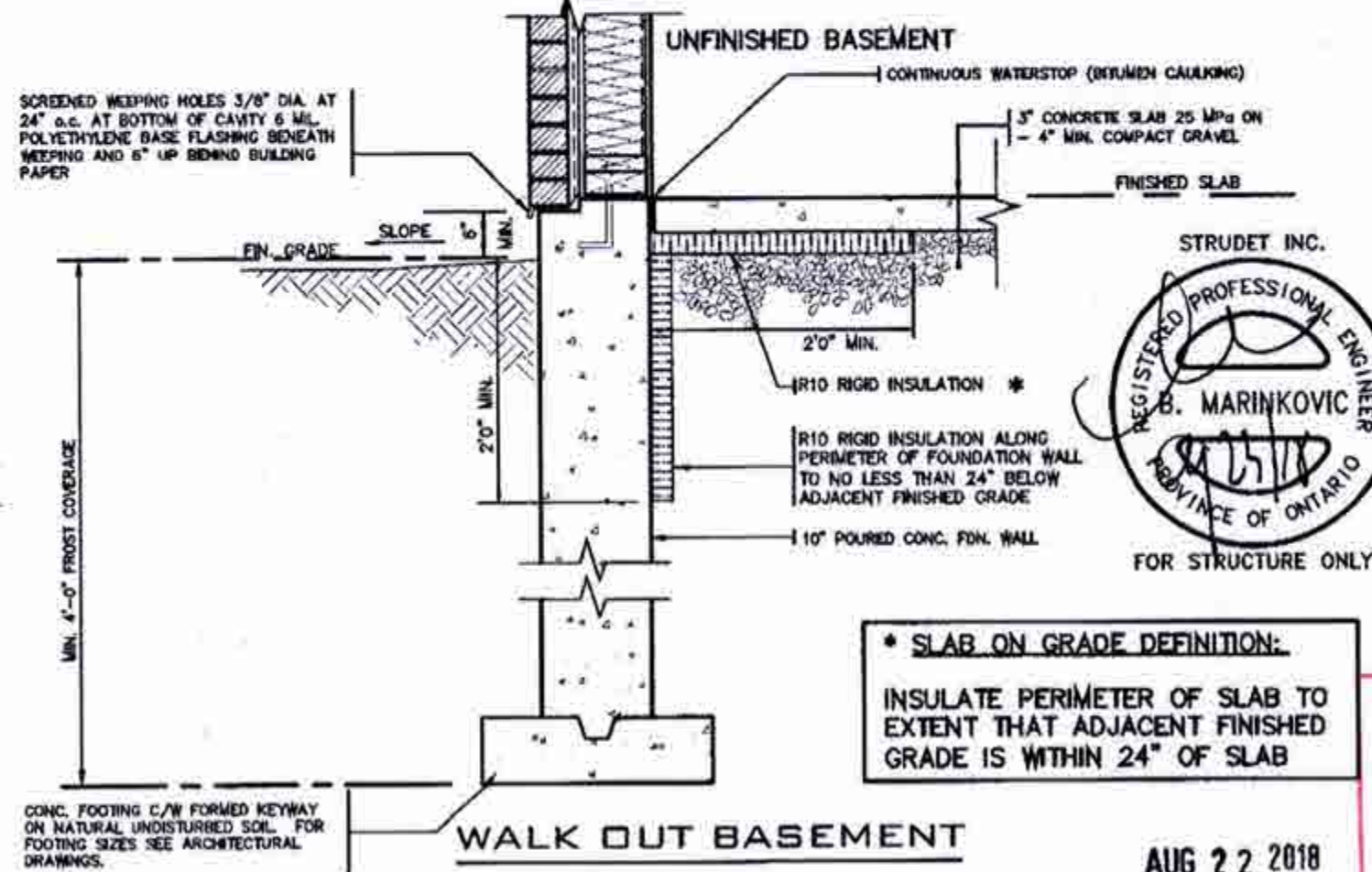


WALK OUT BASEMENT CONDITION

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



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



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



CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
DEC 10 2018
BY
MARK DERKSEN

AUG 22 2018
2012 CODE

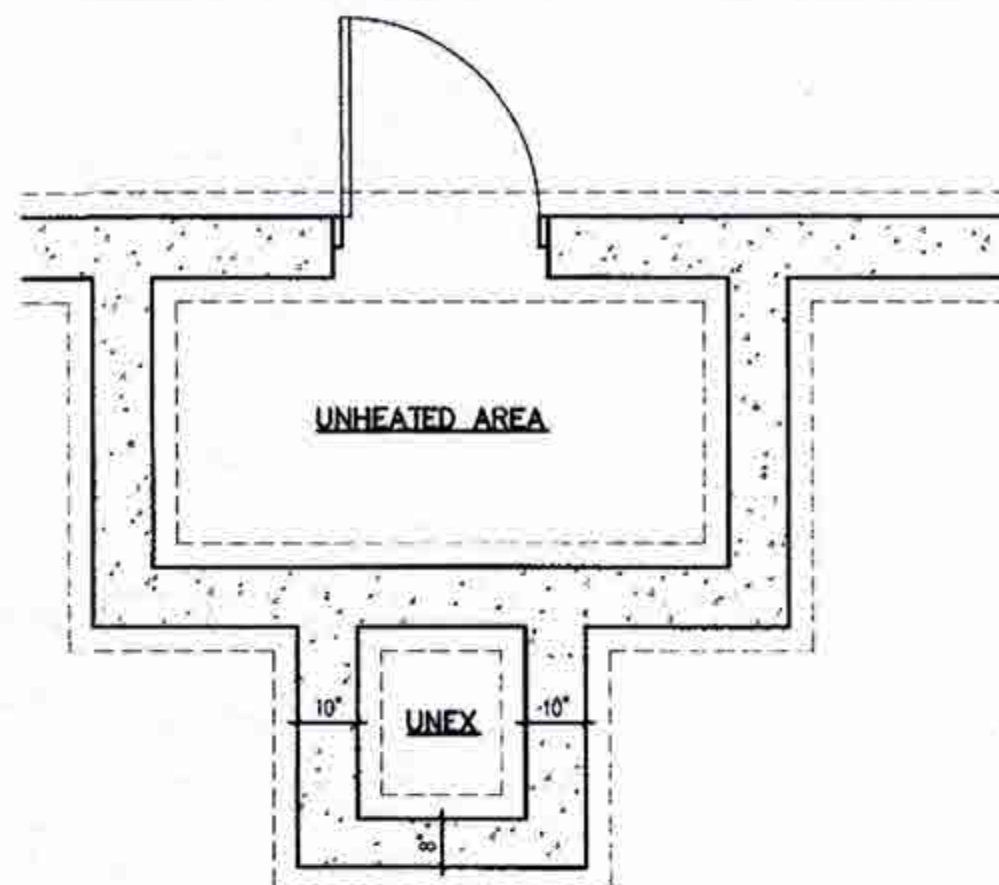
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1	AUG 17, 2018	PREPARED TO PACKAGE 'A1' ISSUED TO CLIENT
No:	DATE:	WORK DESCRIPTION:

CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED BY: S. HANNA
NOV 27 2018
ATTACHED NOTES ARE PART OF REVIEWED DRAWINGS
ALL WORK MUST COMPLY WITH OBC

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Walter Botter 21031
NAME SIGNATURE BCIN
REGISTRATION INFORMATION
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jardin design group inc. 27763
FIRM NAME BCIN

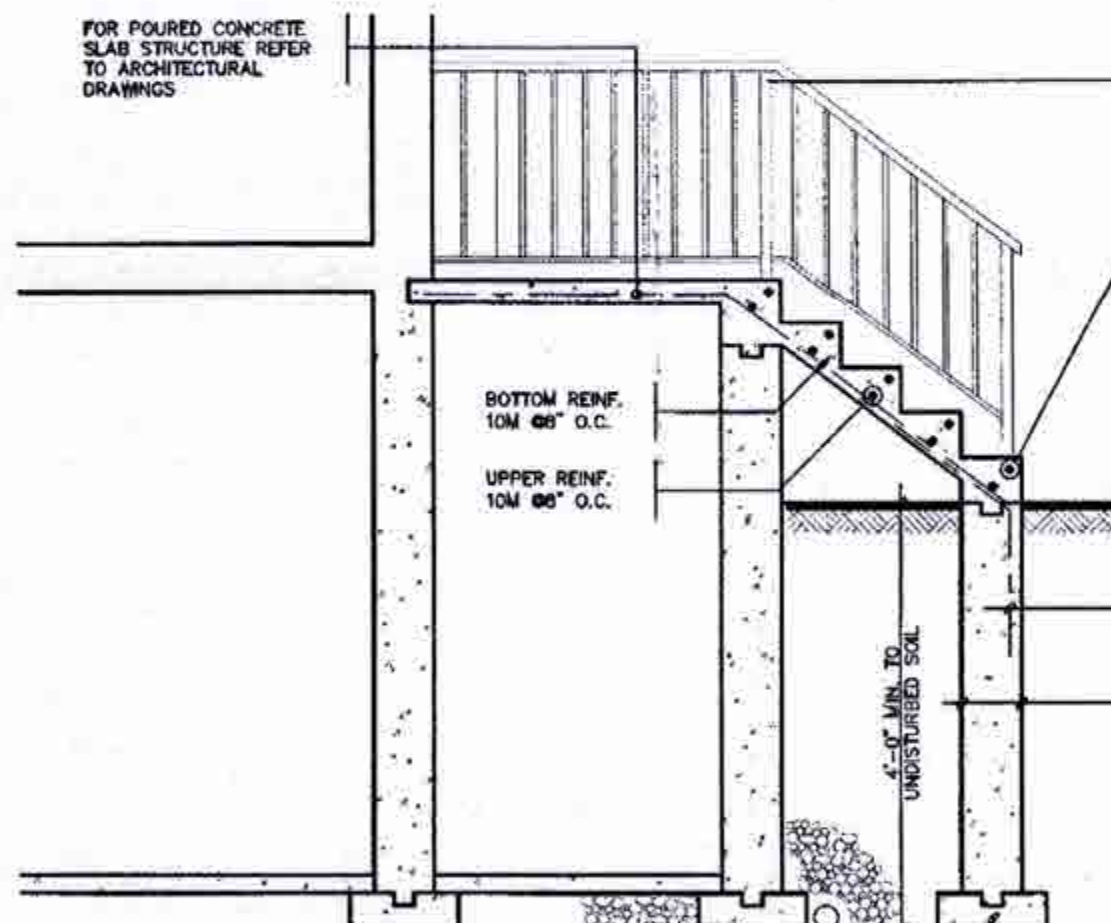
jardin
DESIGN GROUP INC.
64 JARDIN DR. SUITE 3A
VAUGHAN ONT. L4K 3P3
TEL: 905 660-3377 FAX: 905 660-3713
EMAIL: info@jardindesign.ca

SLAB ON GRADE
WALKOUT BASEMENT
MINNISALE HOME CORP.
CITY OF BRAMPTON
MODEL NAME
T
SCALE
N.T.S.
PROJ. No.
18-24
DWG. No.
12



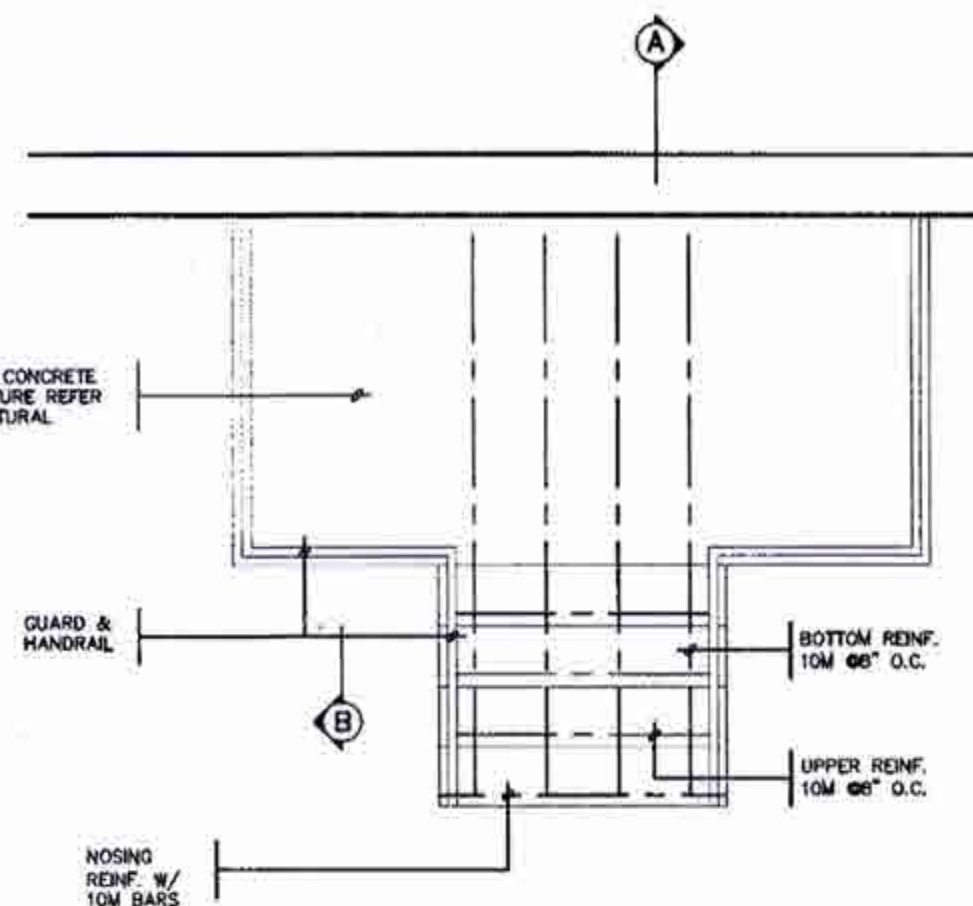
FOUNDATION PLAN

FOR POURED CONCRETE
SLAB STRUCTURE REFER
TO ARCHITECTURAL
DRAWINGS



SECTION 'A'

NOTE: FOR MORE THAN 8 RISERS



GROUND FLOOR PLAN

CLEAR SPACING
BETWEEN PICKETS TO
BE 4\"/>

NOSING
REINF. W/
10M BARS

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

10M Ø8\"/>

POURED FDN. WALL

6\"/>

SECTION 'B'

GENERAL NOTES

1. EXTERIOR STAIRS
7 7/8\"/>
2. MASONRY TIES
WHEN BRICK FACING IS USED ABOVE GROUND
LEVEL, PROVIDE 3/16\"/>
3. GUARDS
ARE REQUIRED AROUND CONCRETE SLAB IF
MORE THAN 2'-0\"/>
4. HANDRAIL
ARE REQUIRED WHERE STEPS HAVE MORE
THAN 3 RISERS. HANDRAIL HEIGHT 31\"/>
5. FOUNDATION WALLS
THICKNESS OF FOUNDATION WALLS IS
DEPENDANT UPON VENEER CUT 8\"/>
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\"/>



FOR STRUCTURE ONLY

AUG 22 2018

2012 CODE

POURED CONCRETE STAIRS

MINNISALE HOME CORP.
CITY OF BRAMPTON

MODEL NAME	T
SCALE	3/8"=1'-0"
PROJ. No.	18-24
DWG. No.	13



CITY OF BRAMPTON
BUILDING DIVISION
REVIEWED
DEC 10 2018
BY
MARK DERKSEN

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 MUNICIPAL DRAWINGS BEFORE PROCEEDING WITH WORK.
AS CONSTRUCTED DIMENSIONS 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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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 1.2.3 of the building code.
Walter Botter 21031
NAME SIGNATURE BCIN
REGISTRATION INFORMATION
Required unless design is exempt under Division C, Subsection 1.2.4 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