

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.

1. ROOF CONSTRUCTION

NO.210 (10.25kg/m²) ASPHALT SHINGLES, 10mm (3/8") PLYWOOD SHEATHING WITH "H" CLIPS. APPROVED WOOD FURRING, CONTIN. SHEATHING MEMBRANE, 11mm (7/16") EXT. TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT, 38x140 (2"x6") STUDS @ 400mm (16") O.C. CONTIN. AIR BARRIER AND APPR. VAPOUR BARRIER AND APPR. CONTIN. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. SIDING TO BE MIN. 200mm (8") ABOVE FINISH GRADE. REFER TO OBC SB-12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMENTS.

FRAME WALL CONSTRUCTION (2"x6") (SB-12-TABLE 3.1.1.2.A)
SIDING AS PER ELEV., 19x38 (1"x2") VERTICAL WOOD FURRING, CONTIN. SHEATHING MEMBRANE, 11mm (7/16") EXT. TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT, 38x140 (2"x6") STUDS @ 400mm (16") O.C. CONTIN. AIR BARRIER AND APPR. VAPOUR BARRIER AND APPR. CONTIN. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. SIDING TO BE MIN. 200mm (8") ABOVE FINISH GRADE. REFER TO OBC SB-12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMENTS.

FRAME WALL CONSTRUCTION (2"x4") - GARAGE WALLS
SIDING AS PER ELEV., 19x38 (1"x2") VERTICAL WOOD FURRING, CONTIN. SHEATHING MEMBRANE, 11mm (7/16") EXT. TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT, 38x89 (2"x4") STUDS @ 400mm (16") O.C. (MAX. HEIGHT 3000mm (9'-10")), WITH APPR. DIAGONAL WALL BRACING. REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE GARAGE.

STUCCO WALL CONSTRUCTION (2"x6") (SB-12-TABLE 3.1.1.2.A)
STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.2.7.1.1.(2) & 9.2.8 THAT EMPLOY A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXT. AND APPLIED PER MANUFACTURERS SPECIFICATIONS ON 25mm (1") MIN. EXPANDED OR EXTRUDED RIGID POLYSTYRENE ON APPR. AIR/MOISTURE BARRIER ON 38x140 (2"x6") STUDS @ 400mm (16") O.C. (MAX. HEIGHT 3000mm (9'-10")), WITH APPR. DIAGONAL WALL BRACING. REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE GARAGE.

STUCCO WALL CONSTRUCTION (2"x4") - GARAGE WALLS
STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.2.7.1.1.(2) & 9.2.8 THAT EMPLOY A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXT. AND APPLIED PER MANUFACTURERS SPECIFICATIONS ON 25mm (1") MIN. EXPANDED OR EXTRUDED RIGID POLYSTYRENE ON APPR. AIR/MOISTURE BARRIER ON 38x89 (2"x4") STUDS @ 400mm (16") O.C. (MAX. HEIGHT 3000mm (9'-10")), WITH APPR. DIAGONAL WALL BRACING. REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE GARAGE.

WALLS ADJACENT TO ATTIC - NO CLADDING
11mm (7/16") EXT. TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT, 38x140 (2"x6") STUDS @ 400mm (16") O.C. RSI 3.87 (R22) INSULATION AND APPR. VAPOUR BARRIER AND APPR. CONTIN. AIR BARRIER, 13mm (1/2") INTERIOR DRYWALL FINISH. MID-HEIGHT BLOCKING REQ'D. IF NO SHEATHING APPLIED. REFER TO OBC SB-12, CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS.

BRICK VENEER CONSTRUCTION (2"x6") (SB-12-TABLE 3.1.1.2.A)
90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x4.76mm (7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL 610mm (24") O.C. VERTICAL. APPROVED SHEATHING PAPER, 11mm (7/16") EXTERIOR TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT, 38x140 (2"x6") STUDS @ 400mm (16") O.C. RSI 3.87 (R22) INSULATION AND APPR. VAPOUR BARRIER WITH APPROVED CONTIN. 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. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE. REFER TO OBC SB-12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMENTS.

BRICK VENEER CONSTRUCTION (2"x4") - GARAGE WALLS
90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x4.76mm (7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL 610mm (24") O.C. VERTICAL. APPROVED SHEATHING PAPER, 11mm (7/16") EXTERIOR TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT, 38x89 (2"x4") STUDS @ 400mm (16") O.C. (MAX. HEIGHT 3000mm (9'-10")) WITH APPROVED DIAGONAL WALL BRACING. REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE GARAGE. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.

STUCCO WALL CONSTRUCTION (2"x4") (SB-12-TABLE 3.1.1.2.A)
STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.2.7.1.1.(2) & 9.2.8 THAT EMPLOY A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXT. AND APPLIED PER MANUFACTURERS SPECIFICATIONS ON 25mm (1") MIN. EXPANDED OR EXTRUDED RIGID POLYSTYRENE ON APPR. CONTIN. AIR/MOISTURE BARRIER ON 38x140 (2"x6") STUDS @ 400mm (16") O.C. RSI 3.87 (R22) BATT INSUL., APPR. 6 MIL. POLYETHYLENE VAPOUR BARRIER, 13mm (1/2") GYPSUM WALLBOARD INTERIOR FINISH. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE. REFER TO OBC SB-12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMENTS.

INTERIOR STUD PARTITIONS

FOR BEARING PARTITIONS 38x89 (2"x4") @ 400mm (16") O.C. FOR 2 STOREYS AND 305mm (12") O.C. FOR 3 STOREYS. NON-BEARING PARTITIONS 38x89 (2"x4") @ 610mm (24") O.C. PROVIDE 38x89 (2"x4") BOTTOM PLATE AND 2/38x89 (2"x4") TOP PLATE, 13mm (1/2") INT. DRYWALL BOTH SIDES OF STUDS. PROVIDE 38x140 (2"x6") STUDS/PLATES WHERE NOTED.

FOUNDATION WALL/FOOTINGS (9.15.3, 9.15.4, 9.13.2, 9.14.2, 9.14.2.1)
200mm (8") POURED CONC. FDN. WALL 15MPa (2200psi) WITH BITUMINOUS DAMPPROOFING AND DRAINAGE LAYER. DRAINAGE LAYER REQ'D. WHEN BASEMENT INSUL. EXTENDS 900 (2'-11") BELOW FIN. GRADE. DRAINAGE LAYER IS NOT REQ'D. IF FOUNDATION WALL IS WATERPROOFED. MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500x155 (20"x6") CONTINUOUS KEYED CONC. FTG. BRACE FDN. WALL PRIOR TO BACKFILLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OR COMPACTED EXISTING FILL.

STRIP FOOTINGS - FOR TOWNHOUSES

FOR STRIP FOOTING SIZES REFER TO BLOCK FOUNDATION PLAN. ASSUMED 120 KPa (18 p.s.i.) SOIL BEARING CAPACITY FOR TOWNHOUSES, TO BE VERIFIED ON SITE.

-MAXIMUM FLOOR LIVE LOAD OF 2.4KPa (50psf) PER FLOOR. REFER TO SOILS REPORT FOR SOIL CONDITIONS AND BEARING CAPACITY.

FOUNDATION DRAINAGE OBC 9.14.2 & 9.14.3
100mm (4") DIA. FOUNDATION DRAINAGE TILE 150mm (6") CRUSHED STONE OVER AND AROUND DRAINAGE TILES.

BASEMENT SLAB OBC 9.3.1.6(1)(b), 9.16.4.5(1), 9.25.3.3(15)
80mm (3/4") MIN. 25MPa (3600psi) CONC. SLAB ON 100mm (4") COARSE GRANULAR FILL OR 20MPa (3000psi) CONC. WITH DAMPPROOFING BELOW SLAB. UNDER SLAB INSULATION PER SB-12; 3.1.1.7(5)(b) where required. ALL SLAB JOINTS & PENETRATIONS TO BE SEALED TO MAINTAIN AIR BARRIER.

WOOD SUBFLOORS (SEE OBC 9.23.1.4 & 9.30.2.1)
-19mm (3/4") MIN. 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.

ATTIC INSULATION (SB-12-TABLE 3.1.1.2.A) (SB-12-3.1.1.8)
RSI 10.56 (R60) BLOWN IN ROOF INSULATION AND APPROVED VAPOUR BARRIER, 16mm (5/8") INT. DRYWALL FINISH OR APPROVED EQL. RSI 3.52 (R20) MIN. ABOVE INNER SURFACE OF EXTERIOR WALL.

ALL STAIRS/EXTERIOR STAIRS - OBC 9.8 -
UNIFORM RISE
-5mm (1/4") MAX. BETWEEN ADJACENT TREADS OR LANDINGS.
-10mm (1/2") MAX. BETWEEN TALLEST & SHORTEST RISE IN FLIGHT

MAX. RISE = 200 (7'-8")
MIN. RUN = 210 (8'-10")
MIN. TREAD = 235 (9'-10")
MAX. NOSING = 25 (1")
MIN. HEADROOM = 1950 (6'-5")
RAIL @ LANDING = 900 (2'-11")
RAIL @ STAIR = 865 (2'-10") TO 965 (3'-2")
MIN. STAIR WIDTH = 860 (2'-10")

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

HANDRAILS OBC 9.8.7 -
FINISHED RAILING ON PICKETS SPACED MAXIMUM 100mm (4") BETWEEN PICKETS. CLEARANCE BETWEEN HANDRAIL AND SURFACE BEHIND IT TO BE 50 (2") MIN. HANDRAILS TO BE CONTINUOUS EXCEPT FOR NEVEL POST AT CHANGES OF DIRECTION.

INTERIOR GUARDS - OBC 9.8.8 -
INTERIOR GUARDS: 900mm (2'-11") MIN. HIGH

EXTERIOR GUARDS - OBC 9.8.8
900mm (36") HIGH GUARD WHERE DISTANCE FROM PORCH TO FIN. GRADE IS LESS THAN 1800mm (7'-10"). 1070mm (42") HIGH GUARD IS REQUIRED WHERE DISTANCE EXCEEDS 1800mm (7'-10").

SILL PLATE ANCHORAGE
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 FDN. WALL. USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED.

BASEMENT INSULATION (SB-12-3.1.1.7), 9.25.2.3, 9.13.2.6)
FOUNDATION WALLS ENCLOSING HEATED SPACE SHALL BE INSULATED FROM THE UNDERSIDE OF THE SUBFLOOR TO NOT MORE THAN 200mm (8") ABOVE THE FINISHED FLOOR & NO CLOSER THAN 50mm (2") OF THE BASEMENT SLAB. RSI 3.52c1 (R20c1) BLANKET INSULATION TO HAVE APPROVED VAPOUR BARRIER. RECOMMEND DAMPPROOF WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL. NOTE: FULL HEIGHT INSULATION AT COLD CELLAR WALLS. AIR BARRIER TO BE SEALED TO FOUNDATION WALL WITH CAULKING. CONTINUOUS INSULATION (c) IS NOT TO BE INTERRUPTED BY FRAMING.

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

STEEL BASEMENT COLUMN (SEE OBC 9.16.3.3)
89mm (3-1/2") DIA. x 4.76mm (0.188") STL. COL. WITH A MIN. CAPACITY OF 108.8kN (24,000lb.) WITH 150x150x9.5 (6"x6"x3/8") STL. TOP & BOTTOM PLATE.

STEEL COLUMN
90mm (3-1/2") DIA. x 4.76mm (0.188") STL. COL. WITH 100x100x6.0 (4"x4"x1/4") TOP & BOTTOM PLATES. FIELD WELD BOTTOM PLATE TO 100x250x12.5 (4"x10"x1/2") BASE PLATE C/W 2-12mm DIA. x 300mm LONG x50mm HOOK ANCHORS (2-1/2"x12"x2"). THE COLUMN TO STUD WALL WITH 2-32x3.175 (1-1/4"x1/8") STEEL STRAP WELDED TO COLUMN AND FASTENED TO STUD WITH 2-SDS 3.6x38 (1-1/4"x1/2") SCREWS MANUF. BY SIMPSON STRONG TIE.

CONCRETE PILASTER

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

19x38 (1"x2") CONTINUOUS WOOD STRAPPING BOTH SIDES OF STEEL BEAM. (OBC 9.23.4.3(3c))

GARAGE SLAB

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

INTERIOR GARAGE WALLS & CEILINGS (SB-12-TABLE 3.1.1.2.A)
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 AIRTIGHT PER O.B.C. 9.10.9.16. REFER TO SB-12, TABLE 3.1.1.2.A FOR REQUIRED THERMAL INSULATION.

DOOR AND FRAME GASPROOFED. DOOR EQUIPPED WITH SELF CLOSING DEVICE AND WEATHERSTRIPPING PER OBC 9.10.13.15.

EXTERIOR STEP

FRECAST CONCRETE STEP OR WOOD STEP WHERE NOT EXPOSED TO WEATHER. MAX. RISE 200mm (7-7/8") MIN. TREAD 250mm (9-27/32"). SEE OBC 9.8.9.2, 9.8.9.3 & 9.8.10.

DRYER VENT (OBC 9.2.3.8(7) & 9.2.4.1.1)
CAPPED DRYER EXHAUST VENT TO EXTERIOR. (USE 100mm (4") DIA. SMOOTH WALL VENT PIPE).

INSULATED ATTIC ACCESS (OBC 9.13.2.1 & SB12-3.1.1.8)
ATTIC ACCESS HATCH WITH MIN. DIMENSION OF 545x700mm (21'-1/2"x27'-1/2") & A MIN. AREA OF 0.32 SQ.M. (3.44 SQ.FT.) WITH WEATHERSTRIPPING. RSI 3.52 (R20) RGD INSULATION BACKING. SEE OBC SB-12, 3.1.1.8.

FIREPLACE CHIMNEYS - OBC 9.2.1 -
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'-4") ABOVE THE ROOF SURFACE WITHIN A HORIZ. DISTANCE OF 305mm (10'-0") FROM THE CHIMNEY.

LINEN CLOSETS

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

MECHANICAL EXHAUST

MECHANICAL EXHAUST FAN VENTED TO EXTERIOR AS REQUIRED BY OBC 9.32.3.5 & 9.32.3.10.

STEEL BEARING PLATE FOR MASONRY WALLS
260x260x16 (11"x11"x5/8") STL. PLATE FOR STL BEAMS AND 260x260x12 (11"x11"x1/2") STL. PLATE FOR WOOD BEAMS BEARING ON CONC. BLOCK PARTIALLY. ANCHORED WITH 2-19mm (3/4") x 200mm (8") LONG GALV. ANCHORS WITHIN SOLID BLOCK COURSE. LEVEL WITH NON-SHRINK GROUT.

SOLID WOOD BEARING FOR WOOD STUD WALLS
SOLID BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTED MEMBER. SOLID WOOD BEARING COMPRISED OF BUILT-UP WOOD STUDS TO BE CONSTRUCTED IN ACCORDANCE WITH OBC 9.17.4.2(2).

CLASS 'B' VENT

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

BASEMENT WOOD POST (OBC 9.17.4.4)
3-38x140 (3-2"x6") BUILT-UP POST ON METAL BASE SHOE ANCHORED TO CONCR. WITH 12.7 DIA. BOLT, 406x406x203 (16"x16"x8") CONC. FTG. OR AS OTHERWISE SPECIFIED ON DRAWING.

STEPPED FOOTINGS (OBC 9.15.3.9)
MIN. HORIZ. STEP = 600mm (24")
MAX. VERT. STEP = 600mm (24")

SLAB ON GRADE

MIN. 100mm (4") CONCRETE SLAB ON GRADE ON 100mm (4") COARSE GRANULAR FILL REINFORCED WITH 6x6-W2.5W2.9 MESH PLACED NEAR MID-DEPTH OF SLAB. CONC. STRENGTH 32 MPa (4640 psi) WITH 5-8% AIR ENTRAINMENT ON COMPACTED SUB-GRADE. UNDER SLAB INSULATION AS PER OBC SB-12 3.1.1.7(5)(b) AND SB-12, TABLE 3.1.1.2.A, where required. ALL JOINTS & PENETRATIONS OF INTERIOR SLABS TO BE SEALED TO MAINTAIN AIR BARRIER.

LOOSE STEEL TIES

L1 = 3-1/2" x 3-1/2" x 1/4" (90x90x6.0L)
L2 = 4" x 3-1/2" x 5/16" (100x90x8.0L)
L3 = 5" x 3-1/2" x 5/16" (125x90x8.0L)
L4 = 6" x 3-1/2" x 3/8" (150x90x10.0L)
L5 = 6" x 4" x 3/8" (150x100x10.0L)
L6 = 7" x 4" x 3/8" (180x100x10.0L)

LAMINATED VENEER LUMBER (LVL) BEAMS

LVL1A = 1-1 3/4"x7 1/4" (1-45x184)
LVL1 = 2-1 3/4"x7 1/4" (2-45x184)
LVL2 = 3-1 3/4"x7 1/4" (3-45x184)
LVL3 = 4-1 3/4"x7 1/4" (4-45x184)
LVL4A = 1-1 3/4"x9 1/4" (1-45x235)
LVL4 = 2-1 3/4"x9 1/4" (2-45x235)
LVL5 = 3-1 3/4"x9 1/4" (3-45x235)
LVL5A = 4-1 3/4"x9 1/4" (4-45x235)
LVL6A = 1-1 3/4"x11 7/8" (1-45x300)
LVL6 = 2-1 3/4"x11 7/8" (2-45x300)
LVL7 = 3-1 3/4"x11 7/8" (3-45x300)
LVL7A = 4-1 3/4"x11 7/8" (4-45x300)
LVL8 = 2-1 3/4"x14" (2-45x356)
LVL9 = 3-1 3/4"x14" (3-45x356)

BRICK VENEER LEVELS

WL1 = 3-1/2" x 3-1/2" x 1/4" (90x90x6.0L)
WL2 = 4" x 3-1/2" x 5/16" (102x89x7.9L)
WL3 = 5" x 3-1/2" x 5/16" (127x89x7.9L)
WL4 = 6" x 3-1/2" x 7/16" (152x89x11.0L)
WL5 = 6" x 4" x 7/16" (152x102x11.0L)
WL6 = 3-1/2" x 5/16" (127x89x7.9L)
WL7 = 5" x 3-1/2" x 5/16" (127x89x7.9L)
WL8 = 5" x 3-1/2" x 5/16" (127x89x7.9L)
WL9 = 6" x 4" x 7/16" (152x102x11.0L)

DIRECT VENTING GAS FURNACE VENT

DIRECT VENT FURNACE TERMINAL MIN. 300mm (36") FROM A GAS REGULATOR, MIN. 300mm (12") ABOVE FIN. GRADE, FROM ALL OPENINGS, EXHAUST AND INTAKE VENTS. HRY 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 VENTING GAS FIREPLACE VENT
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 AND BRIDGING (SEE OBC 9.23.9.4)
10mm (5/8") T & G SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERAMIC TILE APPLICATION (SEE OBC 9.30.6.4) 6mm (1/4") PANEL TYPE UNDERLAY UNDER RESILIENT & PARQUET FLOORING. (SEE OBC 9.30.2.4)

FLOOR JOISTS WITH SPANS OVER 2100mm (6'-11") TO BE BRIDGED WITH 38x38 (2"x2") CROSS BRACING OR SOLID BLOCKING @ 2100mm (6'-11") O.C. MAX. AND WHERE SPECIFIED BY JOIST TABLES A-1 OR A-2 STRAPPING SHALL BE 19x64 (1"x3") @ 2100mm (6'-11") O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED. (SEE OBC 9.23.9.4.4)

EXPOSED BUILDING FACE - OBC 9.10.15
EXTERIOR WALLS TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 min. WHERE LIMITING DISTANCE (LD) IS LESS THAN 1.2M (3'-11"). WHERE THE LD IS LESS THAN 600mm (1'-11") THE EXPOSING FACE SHALL BE CLAD IN NON-COMBUSTIBLE MATERIAL SEE ELEVATIONS FOR ADDITIONAL NOTES.

GOLD CELLAR PORCH SLAB (OBC 9.39.1)
FOR MAX. 2500 mm (8'-2") PORCH DEPTH (SHORTEST DIM.), 125mm (4 7/8") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT. REIN. WITH 10M BARS @ 200mm (7 7/8") O.C. EACH WAY IN BOTTOM THIRD OF SLAB, 600x600 (3 5/8" x 23 5/8") 10M DOWELS @ 600mm (23 5/8") O.C. ANCHORED IN PERIMETER FDN. WALLS. SLOPE SLAB MIN. 1.0% FROM DOOR SLAB TO HAVE MIN 75mm (3") BEARING ON FDN. WALLS. PROVIDE (1) UNTELS OVER CORNER DOOR AND WITH 100mm (4") END BEARING.

BRICK CHECK
THE FDN. WALL SHALL NOT BE REDUCED TO LESS THAN 90mm (3-1/2") THICK TO A MAX. DEPTH OF 600mm (24") AND 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 (2.0KPa SNOW LOAD)
38x140 (2"x6") RAFTERS @ 406mm (16") O.C. FOR MAX 11'-7" SPAN, 38x184 (2"x8") RIDGE BOARD 38x89 (2"x4") COLLAR TIES AT MIDSPANS. CEILING JOISTS TO BE 38x89 (2"x4") @ 406mm (16") O.C. FOR MAX. 2830mm (9'-3") SPAN & 38x140 (2"x6") @ 406 (16") O.C. FOR MAX. 4450mm (14'-7") SPAN.

RAFTERS FOR BUILT-UP ROOF TO BE 38x89 (2"x4") @ 610mm (24") O.C. WITH A 38x89 (2"x4") CENTRE POST TO THE TRUSS BELOW, LATERALLY BRACED @ 1800mm (6'-0") O.C. VERTICALLY.

TWO STOREY VOLUME SPACES
-FOR A MAXIMUM 5490 mm (18'-0") HEIGHT AND MAXIMUM SUPPORTED ROOF TRUSS LENGTH OF 6.0m, PROVIDE 2-38x140 (2"x6") SPR #2 CONTIN. STUDS @ 305mm (12") O.C. (TRIPLE UP AT EVERY THIRD DOUBLE STUD FOR BRICK WALL C/W 9.6 (3/8") THICK EXT. PLYWOOD SHEATHING. PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS @ 1220 mm (4'-0") O.C. VERTICALLY. -FOR WALLS WITH HORIZ. DISTANCES NOT EXCEEDING 2900 mm (9'-6"). PROVIDE 38x140 (2"x6") STUDS @ 406 (16") O.C. WITH CONTINUOUS 2-38x140 (2"x6") TOP PLATES & 1-38x140 (1"x6") BOTTOM PLATE & MINIMUM OF 3-38x184 (3"x8") CONT. HEADER AT GRD. CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES AND HEADERS.

EXPOSED FLOOR TO EXTERIOR (SB-12-TABLE 3.1.1.2.A)
PROVIDE RSI 5.46 (R31) INSULATION, APPROVED VAPOUR BARRIER AND CONTINUOUS AIR BARRIER, FINISHED SOFTI.

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

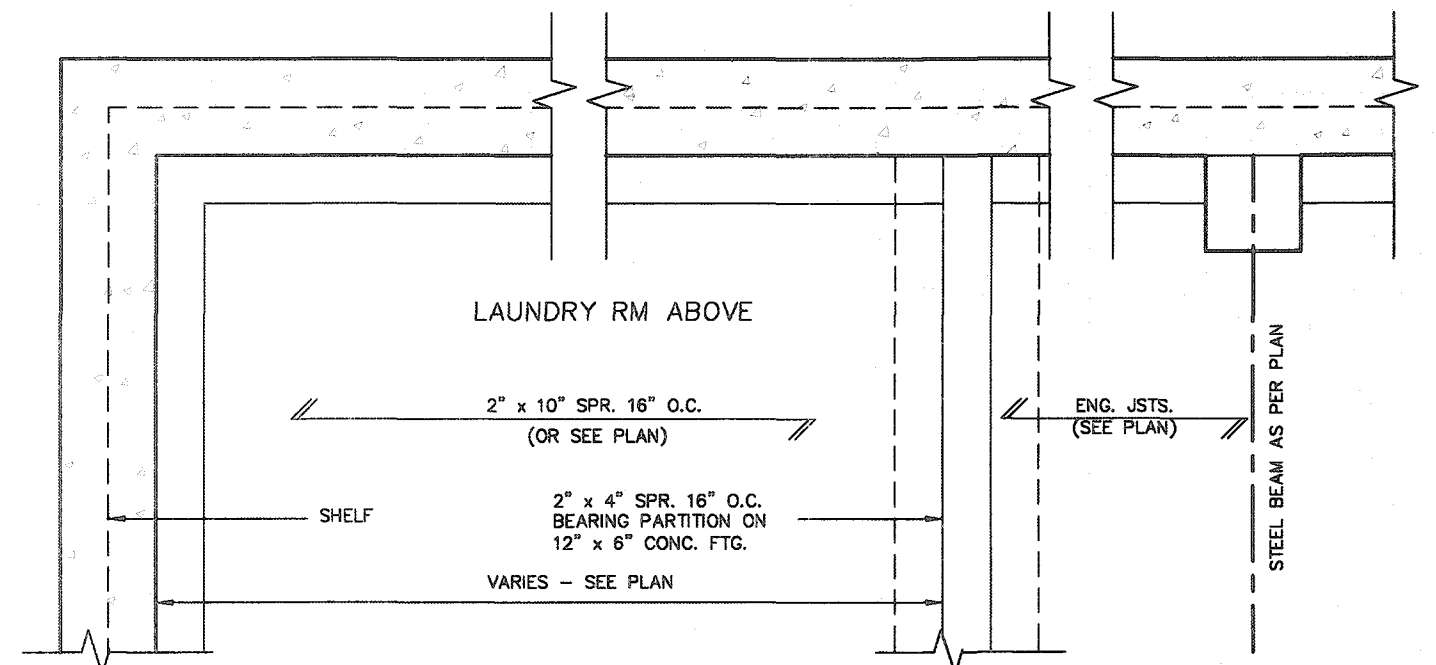
EXTERIOR WALLS FOR WALK-OUT CONDITIONS
THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 406mm (16") O.C. OR 38x89 (2"x4") STUDS @ 305mm (12") O.C.

PAD FOOTINGS

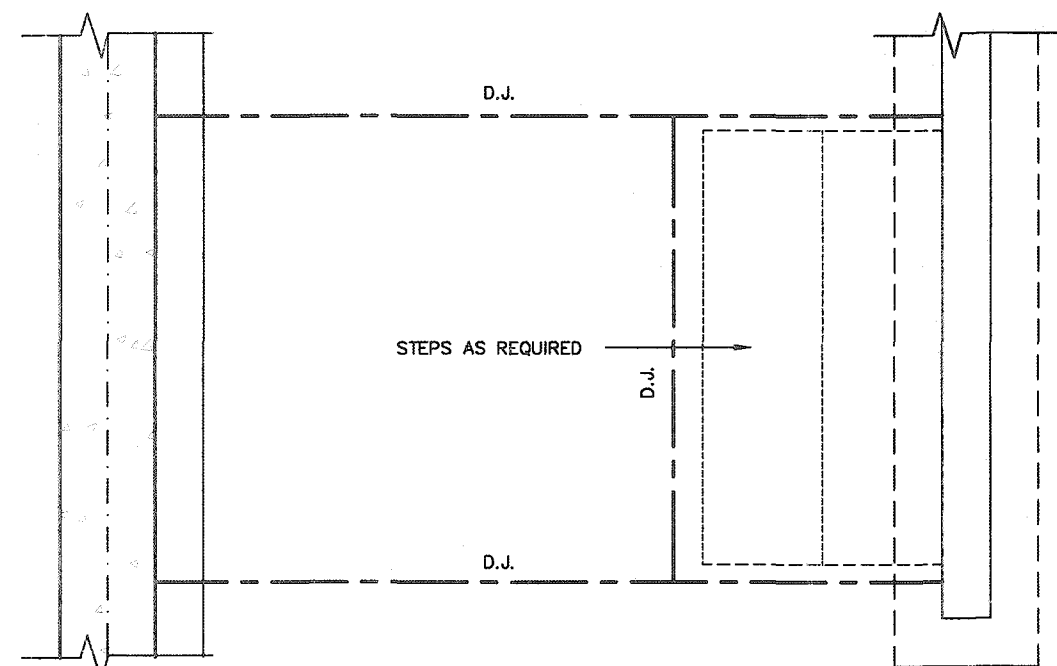
120 KPa. NATIVE SOIL 90 KPa. ENGINEERED FILL SOIL
F1 = 42"x42"x18" CONCRETE PAD F2 = 48"x48"x20" CONCRETE PAD
F3 = 36"x36"x16" CONCRETE PAD F4 = 40"x40"x16" CONCRETE PAD
F5 = 30"x30"x12" CONCRETE PAD F6 = 34"x34"x14" CONCRETE PAD
F7 = 24"x24"x12" CONCRETE PAD F8 = 28"x28"x12" CONCRETE PAD
F9 = 16"x16"x8" CONCRETE PAD F10 = 18"x18"x8" CONCRETE PAD
(REFER TO FLOOR PLAN FOR UNUSUAL SIZE PADS NOT ON CHART.)

DOOR SCHEDULE

| NO. | WIDTH | HEIGHT | 8" TO 9" CEILING | 10" OR MORE CEILING | TYPE |
|-----|--------|--------|------------------|---------------------|-------------------------|
| 1 | 2'-10" | 6'-6" | 6'-6" | 6'-6" | INSULATED ENTRANCE DOOR |
| 2 | 2'-6" | 6'-6" | 6'-6" | 6'-6" | INSULATED FRONT DOORS |
| 3 | 2'-6" | 6'-6" | 6'-6" | 6'-6" | WOOD & GLASS DOOR |
| 4 | 2'-6" | 6'-6" | 6'-6" | 6'-6" | EXTERIOR SLAB DOOR |
| 5 | 2'-6" | 6'-6" | 6'-6" | 6'-6" | INTERIOR SLAB DOOR |
| 6 | 2'-6" | 6'-6" | 6'-6" | 6'-6" | INTERIOR SLAB DOOR |
| 7 | 1'-6" | 6'-6" | 6 | | |



PARTIAL FOUNDATION PLAN



CITY OF HAMILTON
Building Division


Permit No. 21-107176

THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

THE OWNER AND/OR CONTRACTOR SHALL COMPLY WITH
THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LAW

THE ONTARIO BUILDING CODE AND REGULATIONS

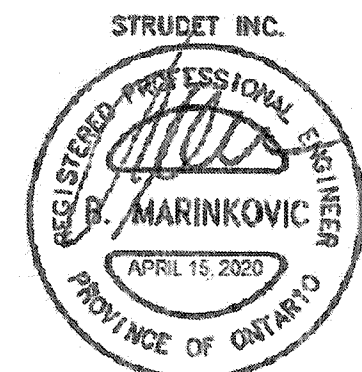
These drawings and/or specifications have been reviewed by



FEB 23 2021

DATE

FOR CHIEF BUILDING OFFICIAL

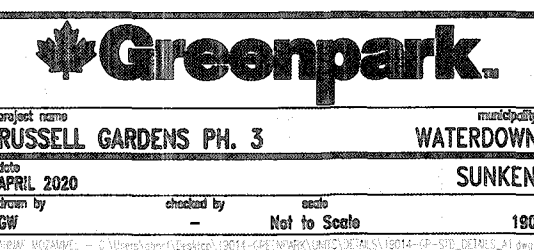
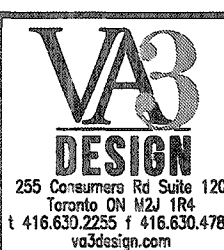


FOR STRUCTURE ONLY

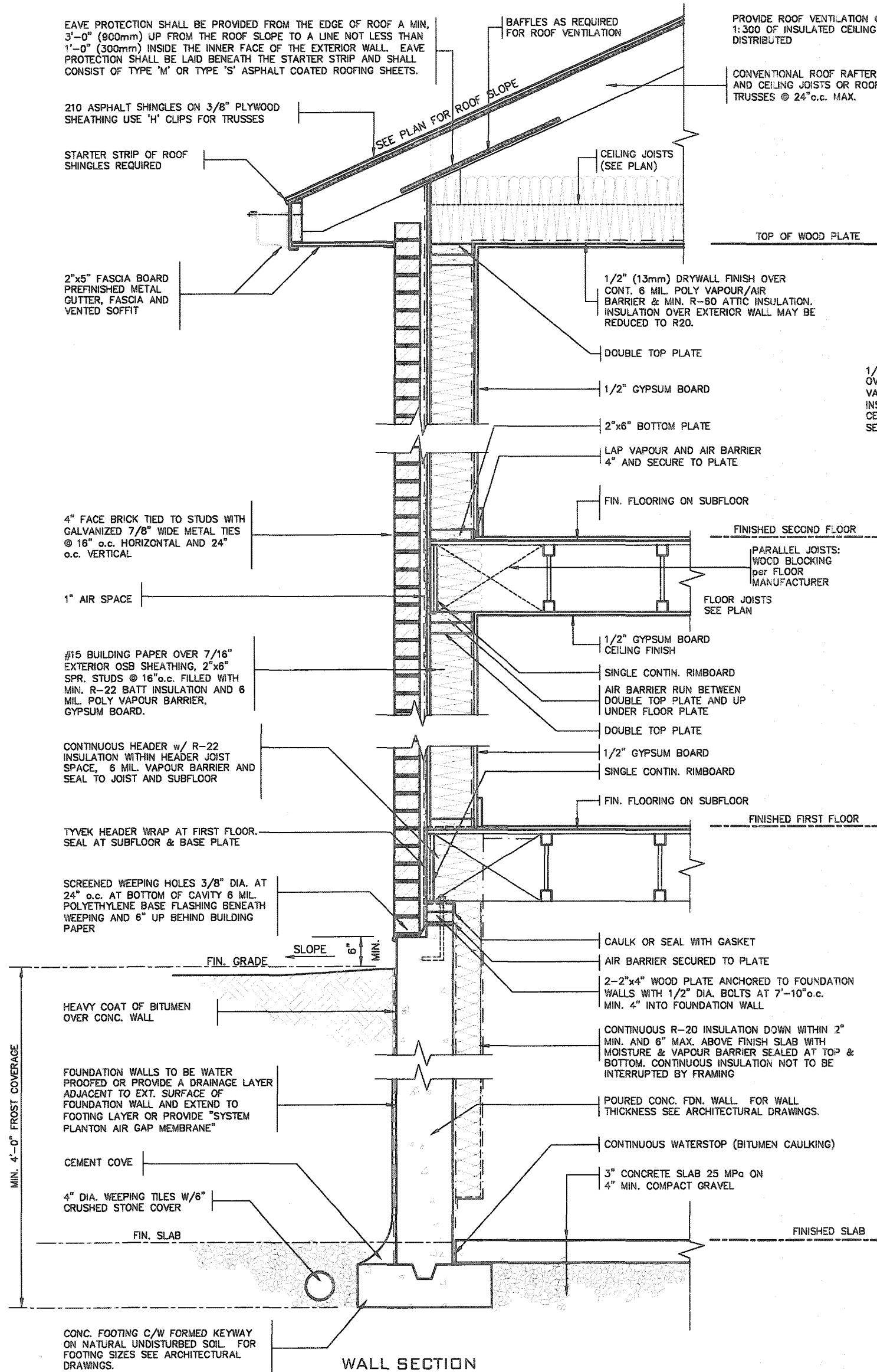
2012 CODE
COMPLIANCE PACKAGE A1

| | | | | |
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| 9 | . | . | . | . |
| 8 | . | . | . | . |
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| no. | description | date | | |

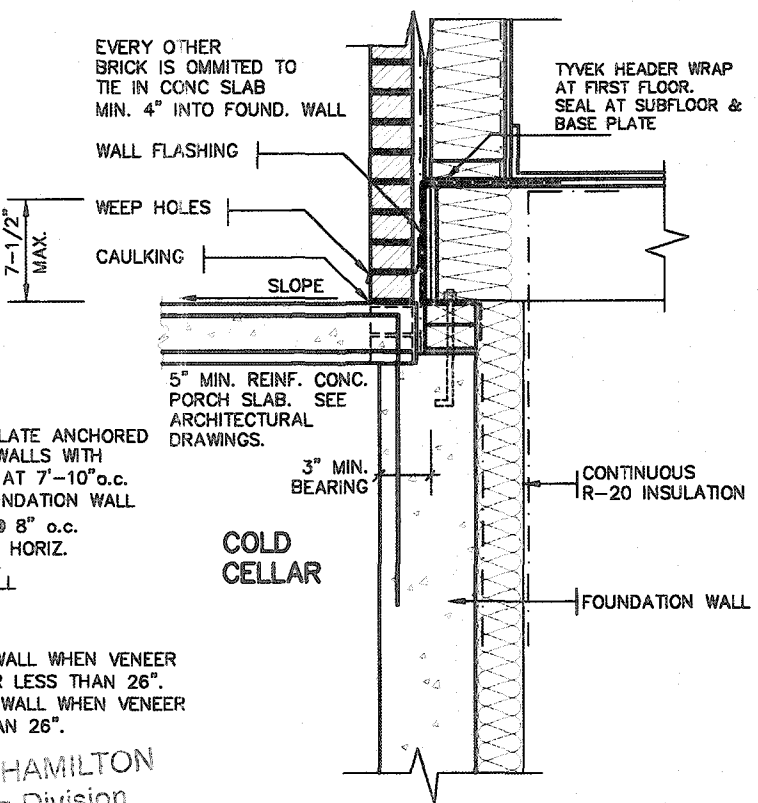
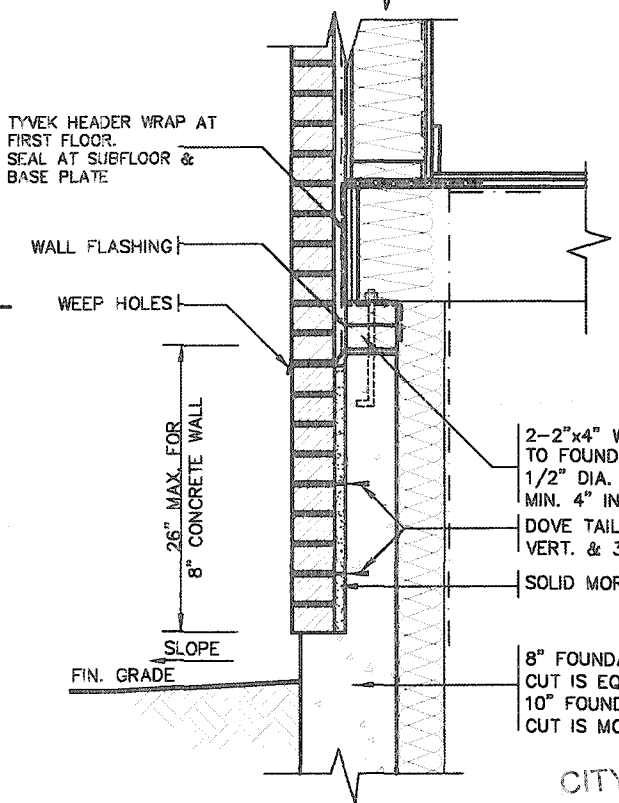
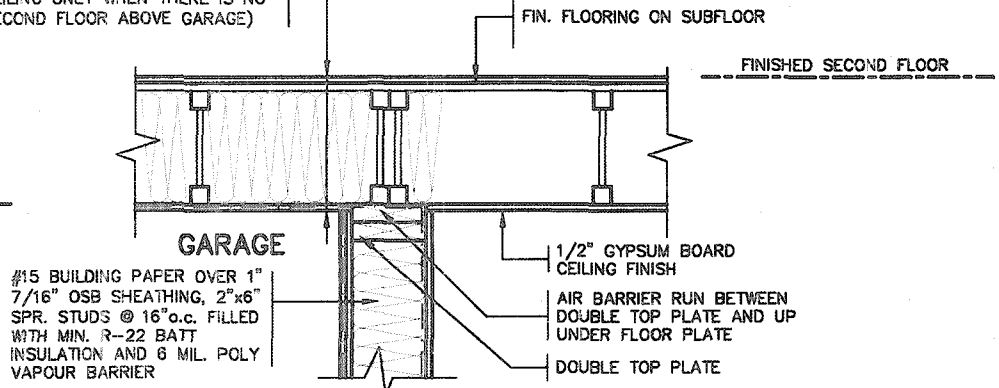
| | |
|---|--------------|
| The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer. | |
| qualification information | |
| Richard Vink | 2448 |
| name | signature BC |
| qualification information | |
| VAS Design Inc. | 4265 |
| Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be copied. | |



| | |
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| SINGLES | |
| — | |
| project no. 19014 | |
| drawing no. 2 | |
| R DETAILS the name STD_DETAILS_A1 | |
| 14 2003 — 4:38 PM | |



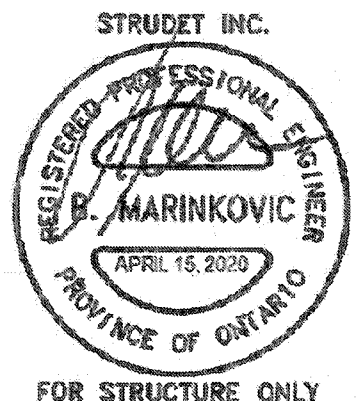
1/2" (13mm) DRYWALL FINISH OVER CONTINUOUS 6 MIL. POLY VAPOUR/AIR BARRIER & MIN. R-31 INSULATION. (DRYWALL ON THE CEILING ONLY WHEN THERE IS NO SECOND FLOOR ABOVE GARAGE)



DETAIL FOR CONCRETE VENEER DROPPED GRADE

DETAIL FOR COLD CELLAR PORCH SLAB

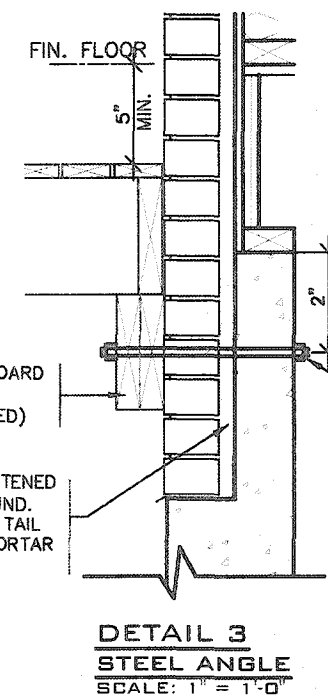
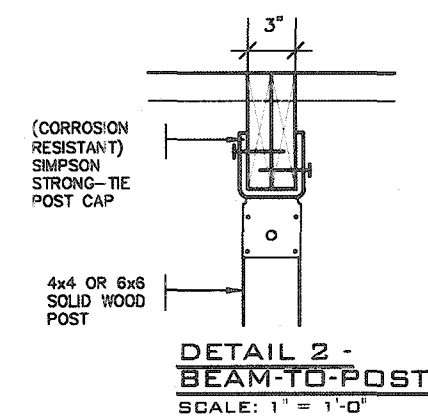
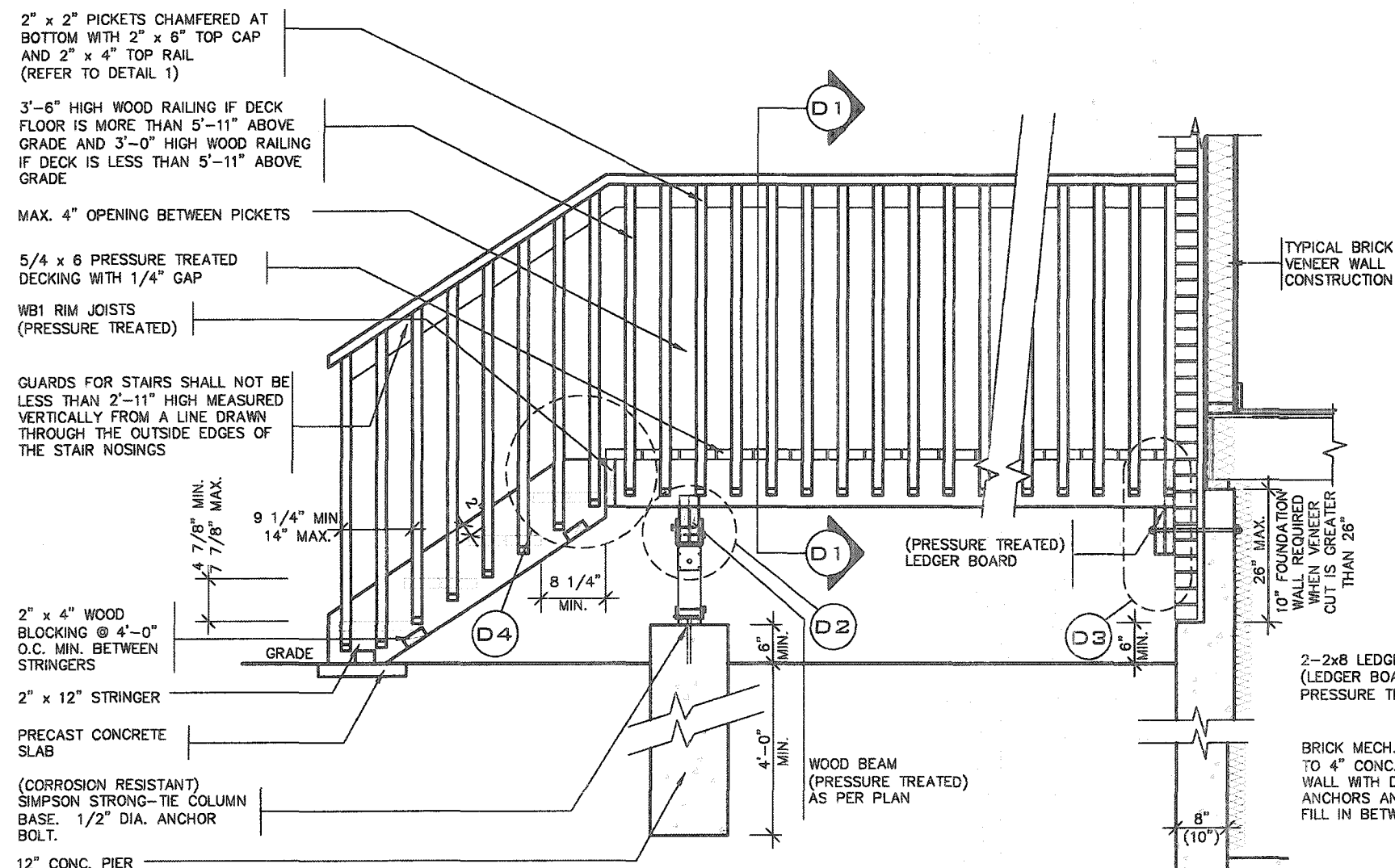
THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE
THE OWNER AND/OR CONTRACTOR SHALL COMPLY WITH THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LAW
These drawings and/or specifications have been reviewed by
[Signature] FEB 23 2021
DATE
FOR CHIEF BUILDING OFFICIAL



2012 CODE COMPLIANCE PACKAGE A1

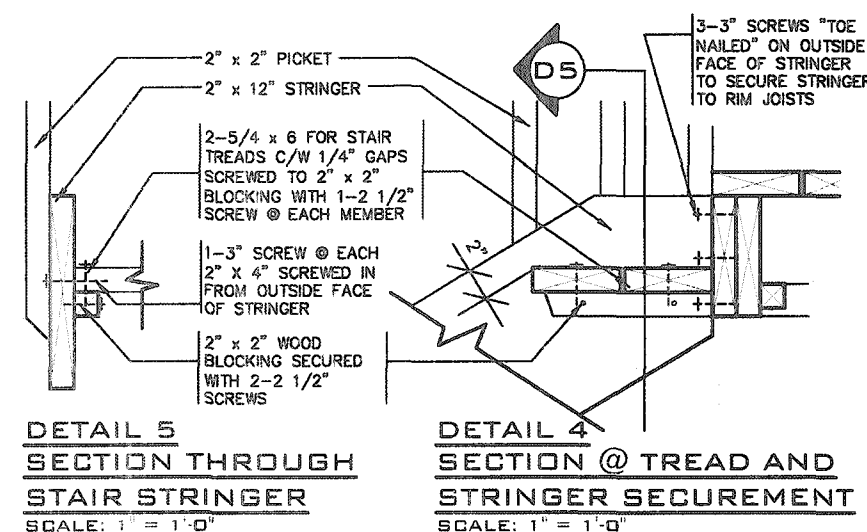
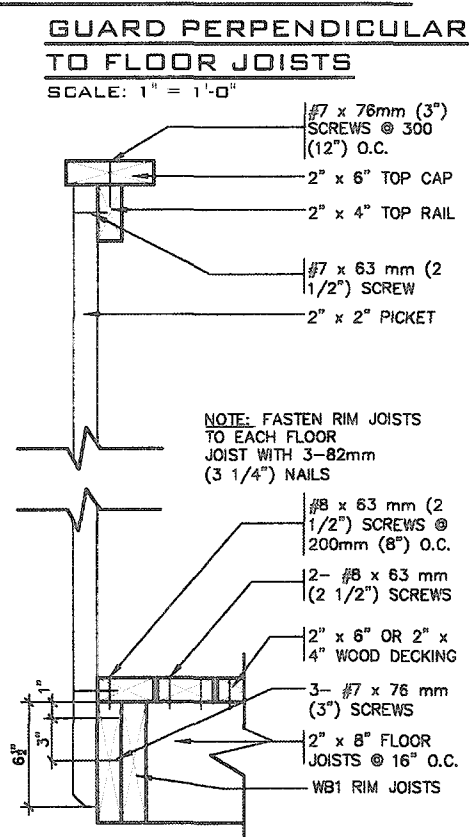
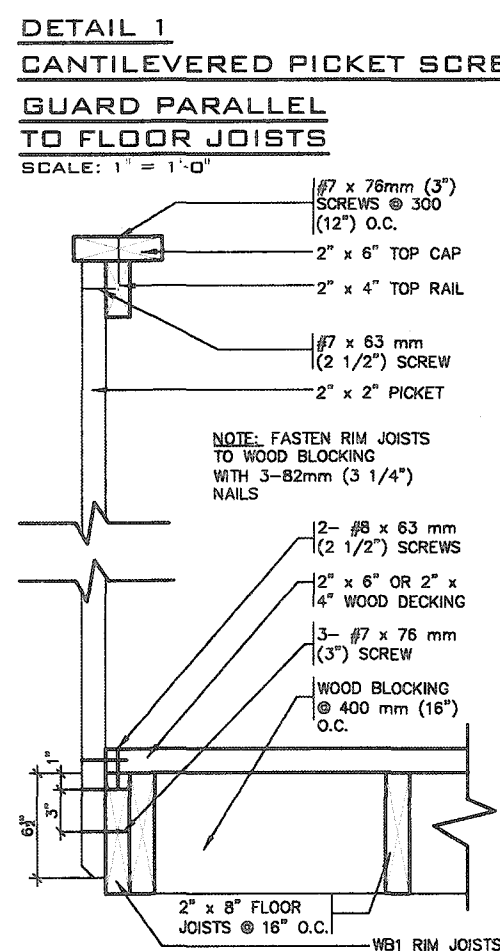
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GENERAL NOTES

1. BRICK TO HAVE COMPRESSIVE STRENGTH OG 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. THE DECK HAS BEEN DESIGNED TO SAFELY SUPPORT A SUPERIMPOSED LOAD OF 1.9kPa. [40psf].
4. ALL NAILS AND SCREWS TO BE GALVANIZED.
5. WOOD FOR CANTILEVERED PICKETS SHALL BE DOUGLAS FIR-LARCH, SPRUCE-PINE-FIR, OR HEM-FIR SPECIES.
6. CONCRETE SHALL HAVE COMPRESSIVE STRENGTH OF 20MPa. AT 28 DAYS AND 5-8% AIR ENTRAINED.
7. FOOTING TO BE PLACED ON UNDISTURBED SOIL WITH MINIMUM BEARING PRESSURE OF 150kPa [3130psf].
8. WB1= 2- 2"x8" (PRESSURE TREATED)
WB3= 2- 2"x10" (PRESSURE TREATED)

2012 CODE
COMPLIANCE PACKAGE A1

| | | | | | | |
|---|--|--|--|---|---------------|-------|
| 9 | | | | 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 as a Designer. | | |
| 8 | | | | qualification information | | |
| 7 | | | | Richard Vink | <i>R Vink</i> | 24488 |
| 6 | | | | name | signature | BCN |
| 5 | | | | registration information | | 42656 |
| 4 | | | | VAS Design Inc. | | |
| 3 | | | | Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled. | | |
| 2 | | | | | | |
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| no. | description | date | by |
| 1 | ISSUED FOR PERMIT. | APR 13/20 | GW |

255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
vasdesign.com


**VAS3
DESIGN**

Greenpark.

project name
RUSSELL GARDENS PH. 3

date
APRIL 2020

drawn by
GW



checked by
-

scale
As Shown

SINGLES

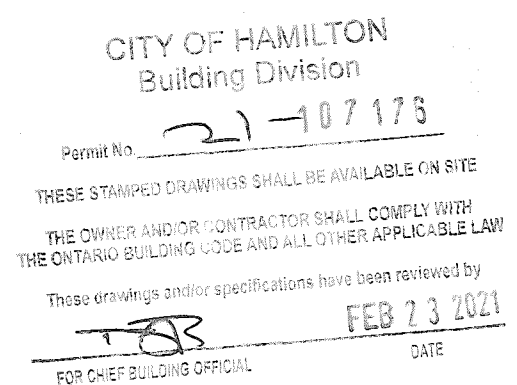
municipality
WATERDOWN

project no.
19014



WOOD DECK DETAILS

file name
19014-GP-STD_DETAILS_A1

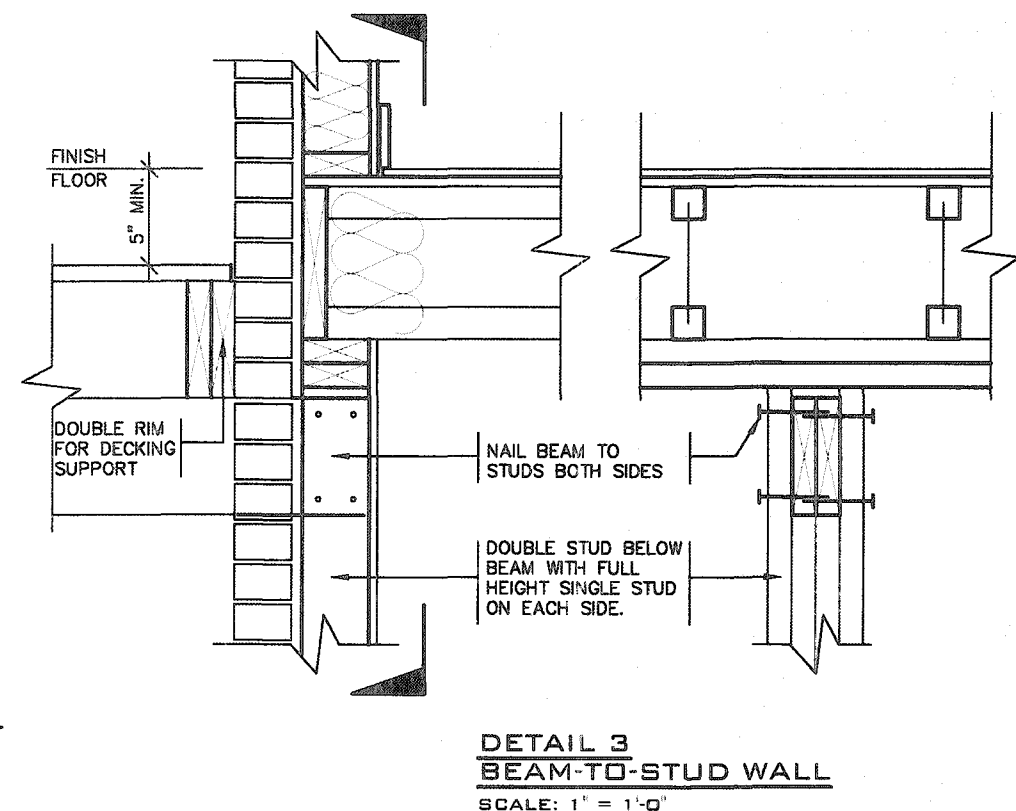
drawing no.
5



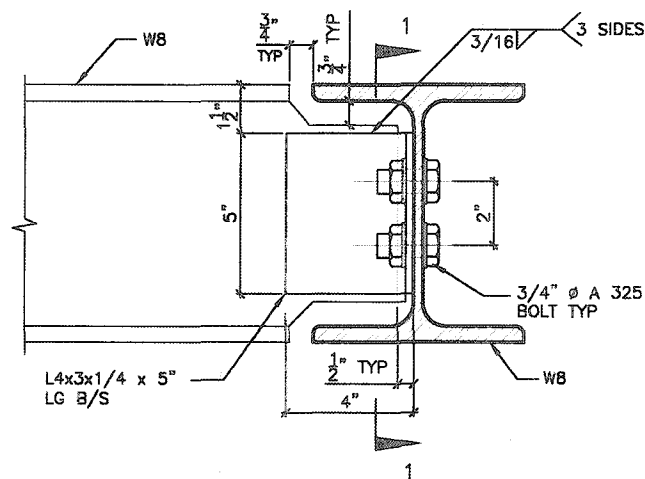
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| | | | | | | | | |
|-----|--------------------|-----------|----|---|--|---|----------------------------------|---|
| 9 | - | - | - | The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer. |  |  | SINGLES | project no. 19014 |
| 8 | - | - | - | qualification information | | | | |
| 7 | - | - | - | Richard Vink <i>R Vink</i> 24486 | | | | |
| 6 | - | - | - | name registration information BCN 42658 | | | | |
| 5 | - | - | - | Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled. | 255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 vo3design.com | project name RUSSELL GARDENS PH. 3 | municipality WATERDOWN | drawing no. 19014 |
| 4 | - | - | - | | | date APRIL 2020 | WOOD DECK PLANS | |
| 3 | - | - | - | | | drawn by GW | checked by - | scale As Shown |
| 2 | - | - | - | | | | | file name 19014-CP-STD_DETAILS_A1 |
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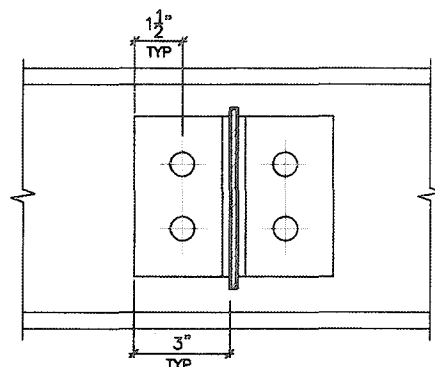


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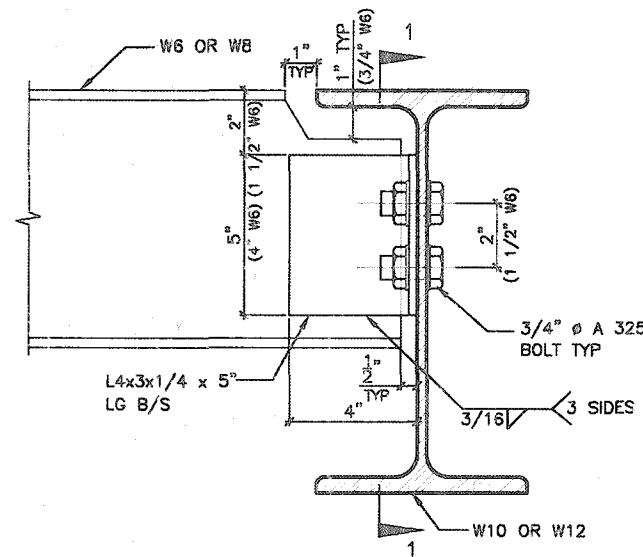


DETAIL 1.

W8
TO
W8
CONNECTION

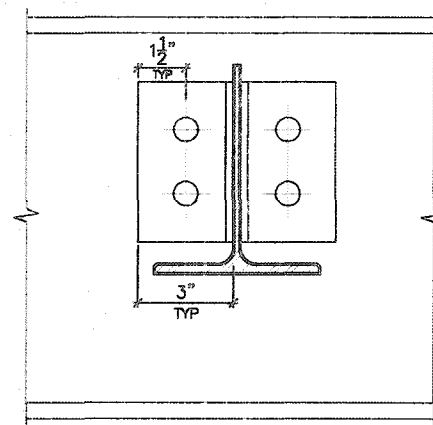


SECTION 1-1

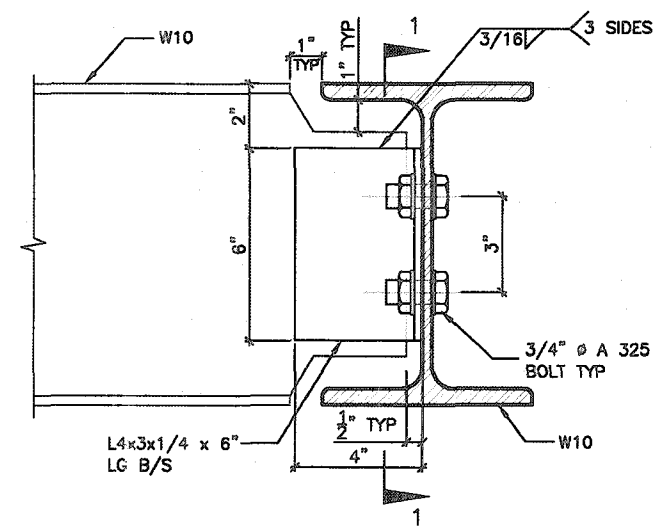


DETAIL 2.

W6(W8)
TO
W10(W12)
CONNECTION

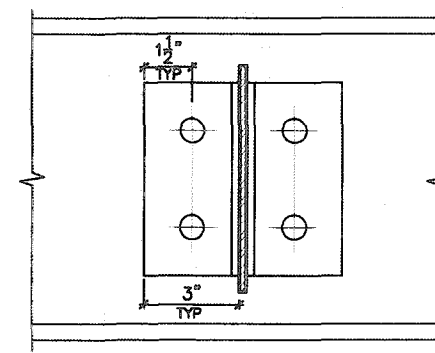


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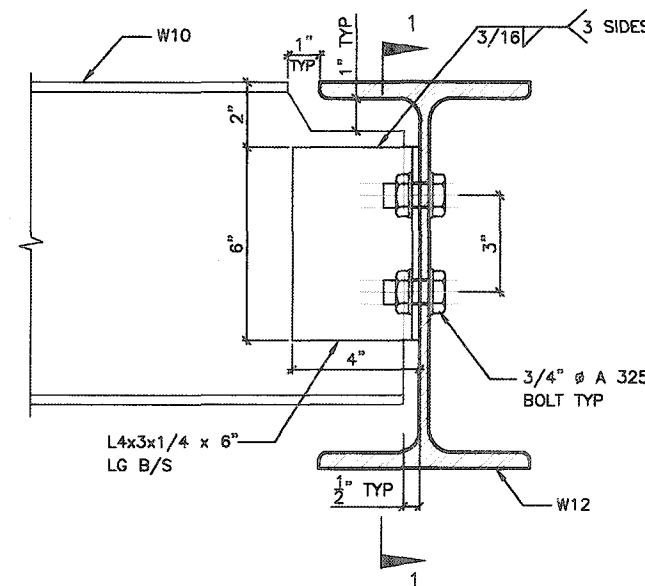


DETAIL 3.

W10
TO
W10
CONNECTION

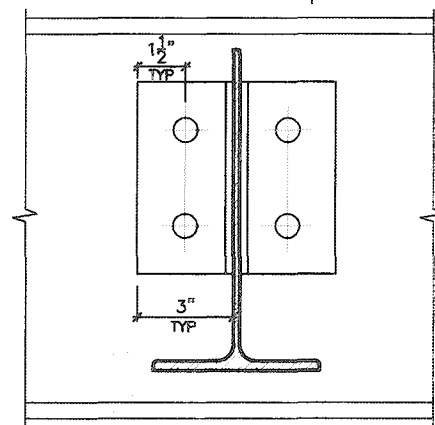


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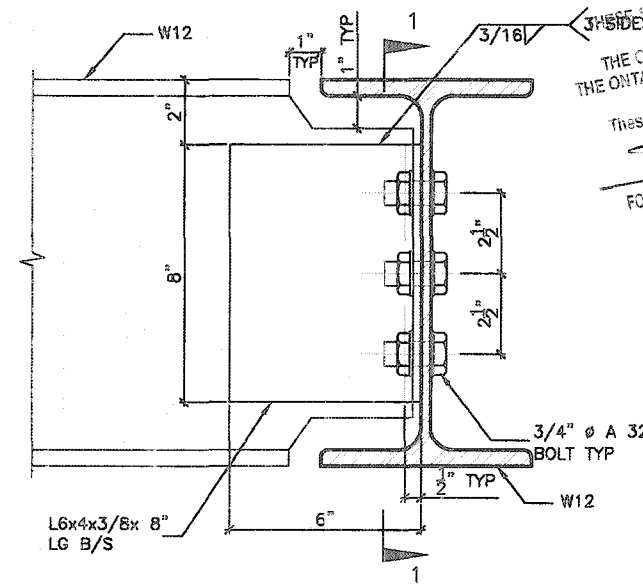


DETAIL 4.

W10
TO
W12
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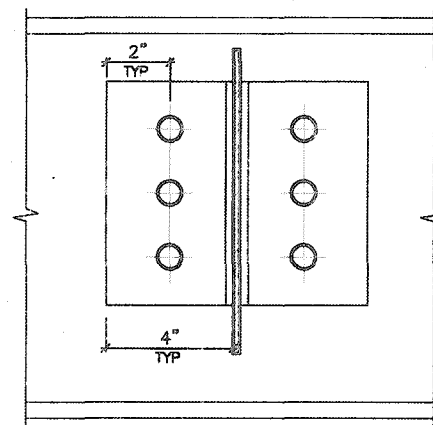


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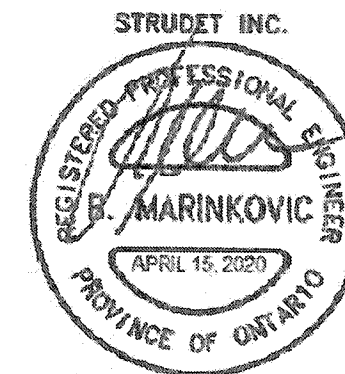
DETAIL 5.

W12
TO
W12
CONNECTION



SECTION 1-1

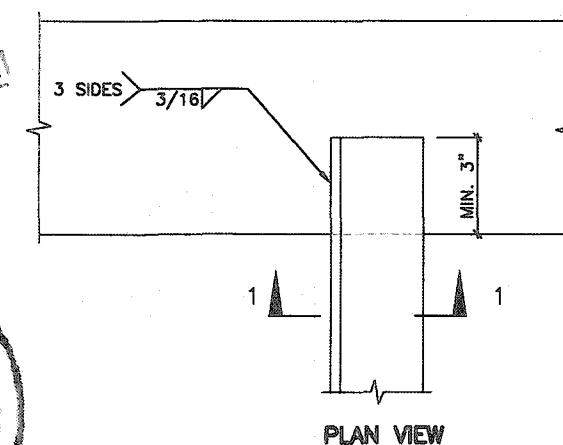
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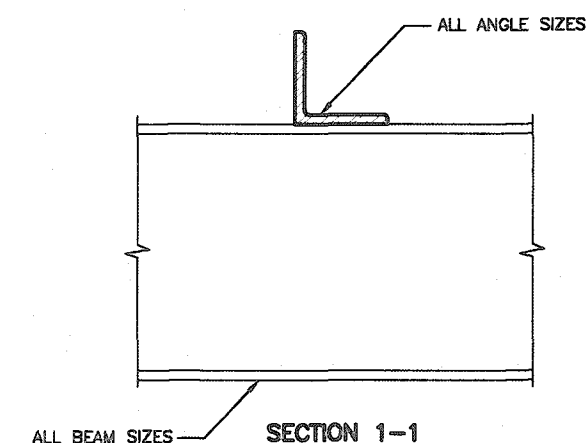
FOR STRUCTURE ONLY

DETAIL 6.

ANGLE
TO
BEAM
CONNECTION



PLAN VIEW



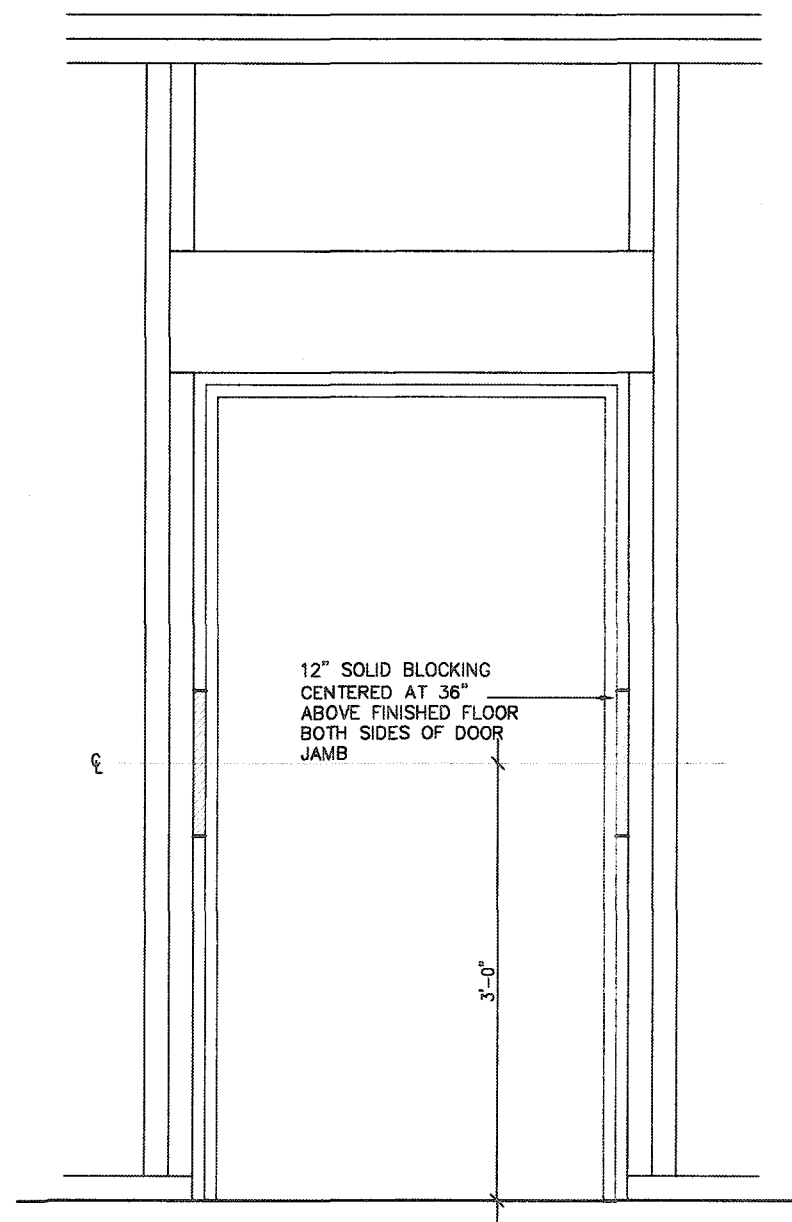
SECTION 1-1

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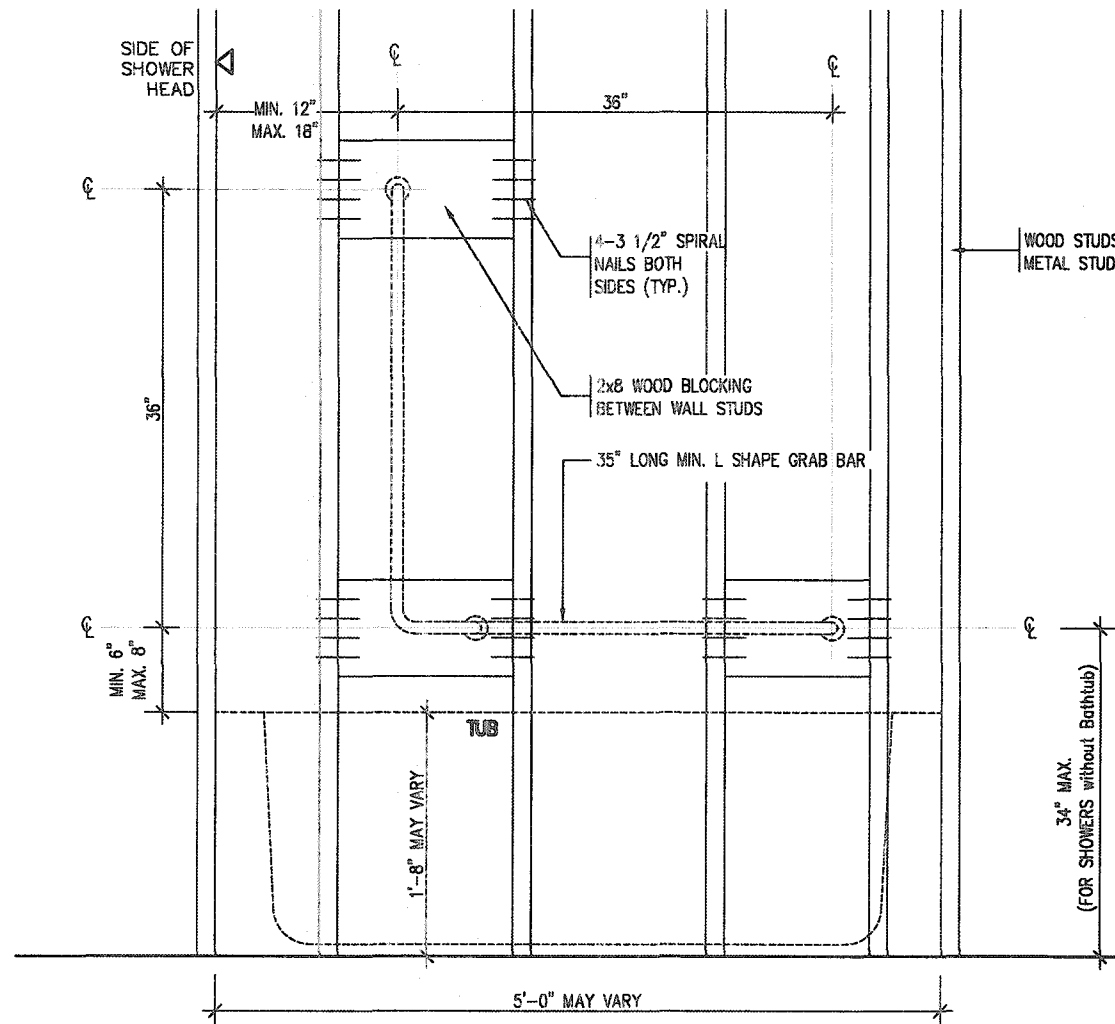
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| 1 | ISSUED FOR PERMIT. | AFR 13/20 | GW | | |
| no. | description | date | by | | |

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vasdesign.com

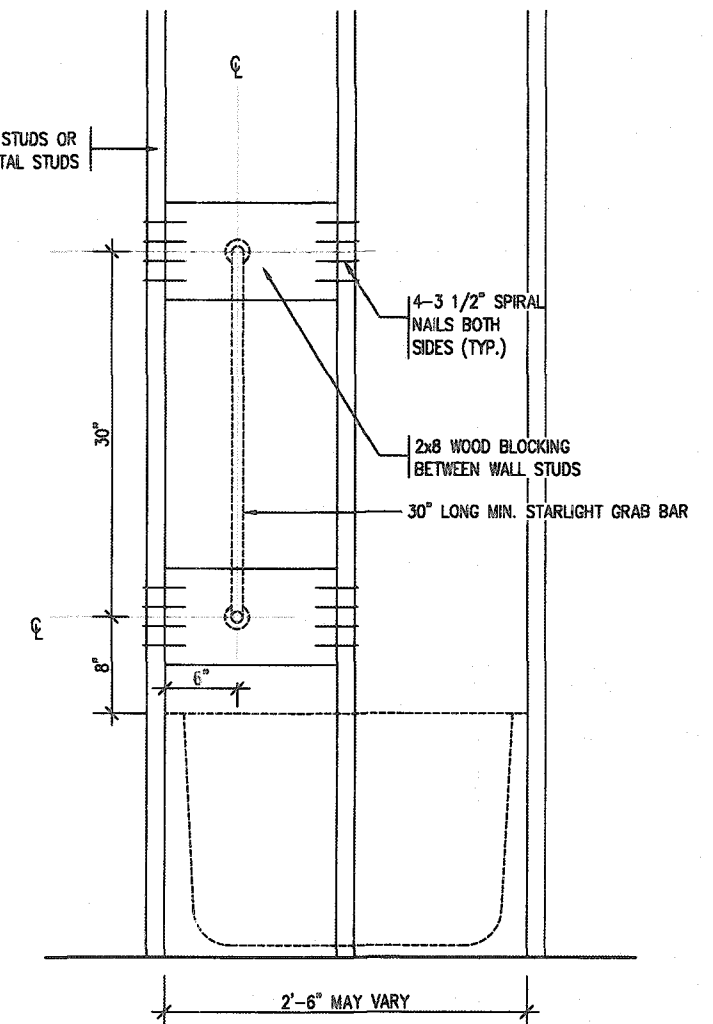
Greenpark
project name: RUSSELL GARDENS PH. 3
municipality: WATERDOWN
project no.: 19014
drawing no.: 7
date: APRIL 2020
drawn by: GW
checked by: Not to Scale
scale: 1/8" = 1'-0"
file name: 19014-GP-STD_DETAILS_A1



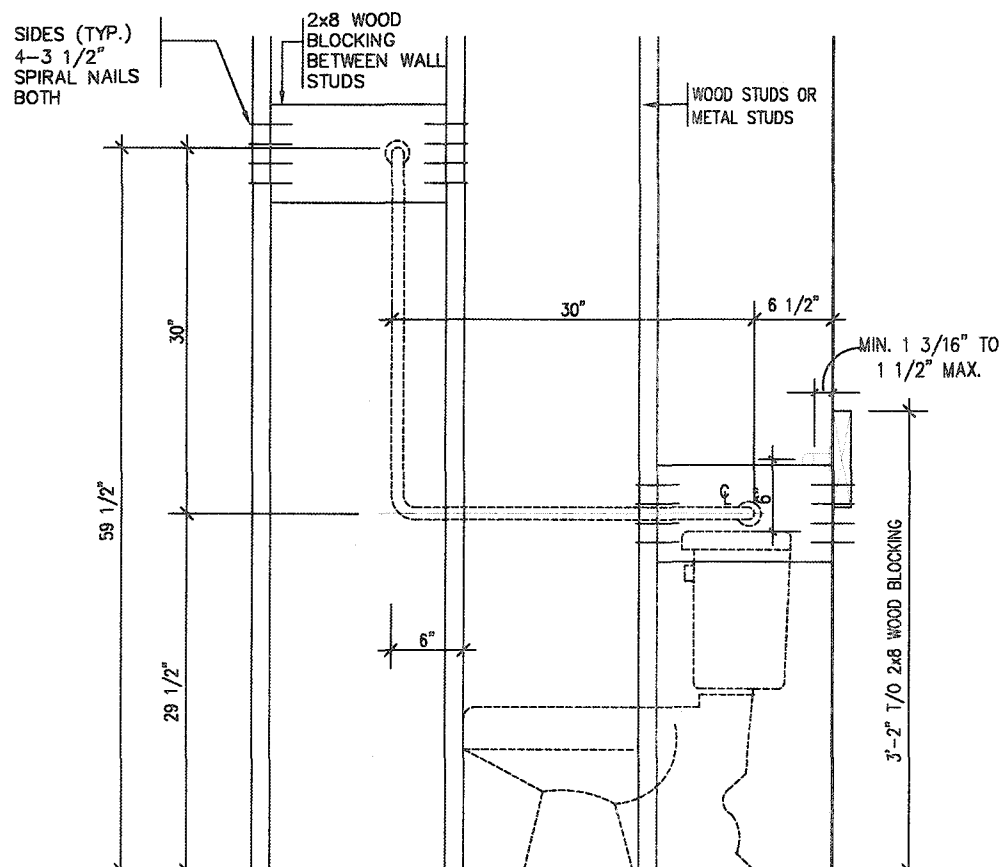
RESISTANCE TO FORCED ENTRY (OBC 9.6.8.)



BATH TUB/ SHOWER FRONT ELEVATION



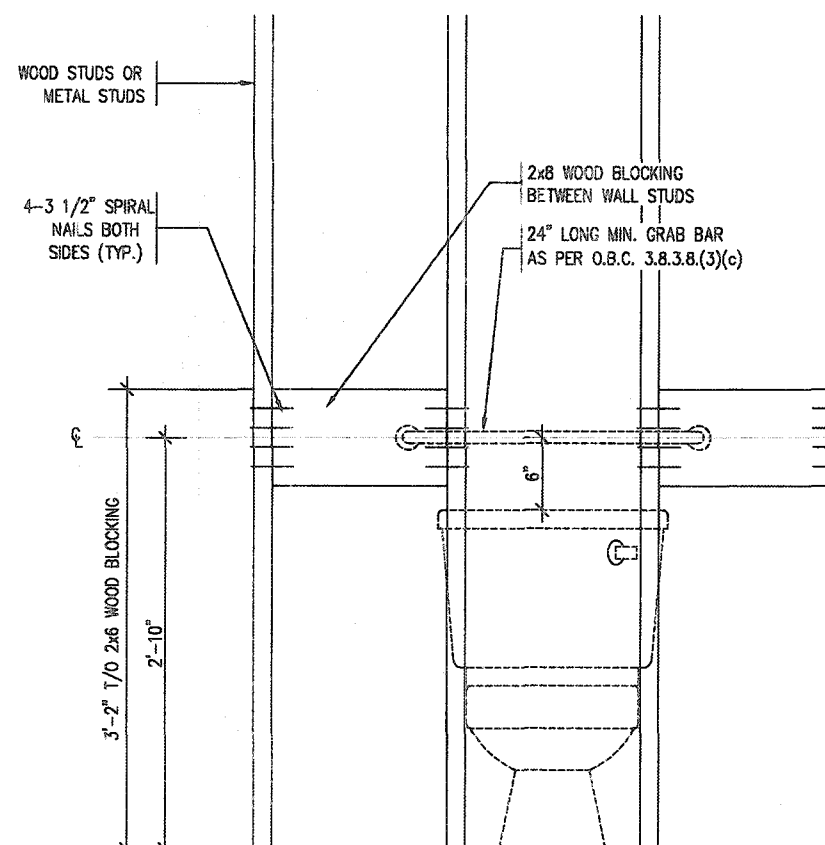
BATH TUB SHOWER HEAD SIDE ELEVATION



TOILET SIDE ELEVATION

STRUCTURAL REINFORCEMENT FOR GRAB BAR (OBC 9.5.2.3.)

FOR MAIN BATH ONLY

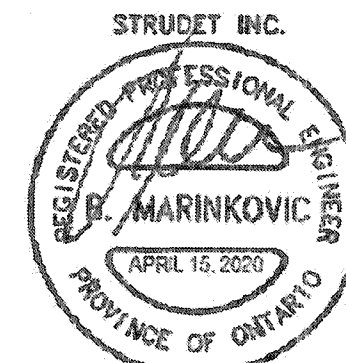


CITY OF HAMILTON
Building Division

Permit No. 21 107175

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FOR CHIEF BUILDING OFFICIAL DATE



FOR STRUCTURE ONLY

2012 CODE COMPLIANCE PACKAGE

| | | | |
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| 1 | ISSUED FOR PERMIT. | APR 13/20 | GW |
| no. | description | date | by |

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qualification information
Richard Vink 24488
signature
name
registration information
VA3 Design Inc. 42658

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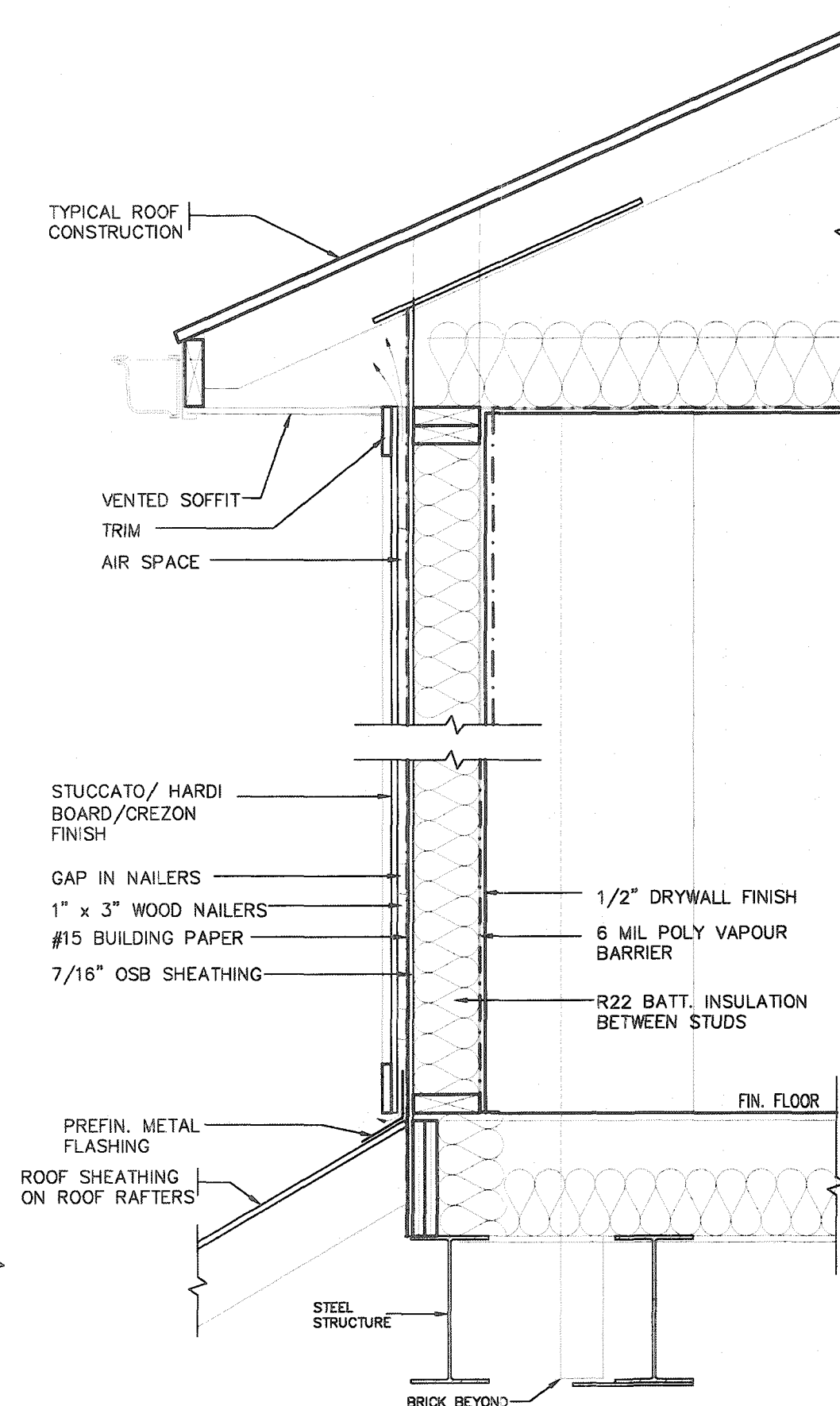
**VA3
DESIGN**
255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

Greenpark
project name
RUSSELL GARDENS PH. 3
date
APRIL 2020
drawn by
GW
checked by
-
scale
Not to Scale
file name
19014-GP-STD_DETAILS_A1
drawing no.
8

SINGLES
project no.
19014
drawing no.
8

PLAN VIEW

STUCCATO BOARD FINISH CLADDING OR EQUAL (OBC 9.27.)



CROSS SECTION
Building Division

Permit No. 21-107176

Permit No. 21


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has been reviewed by

THE ONTARIO BUILDING CODE AND ACT

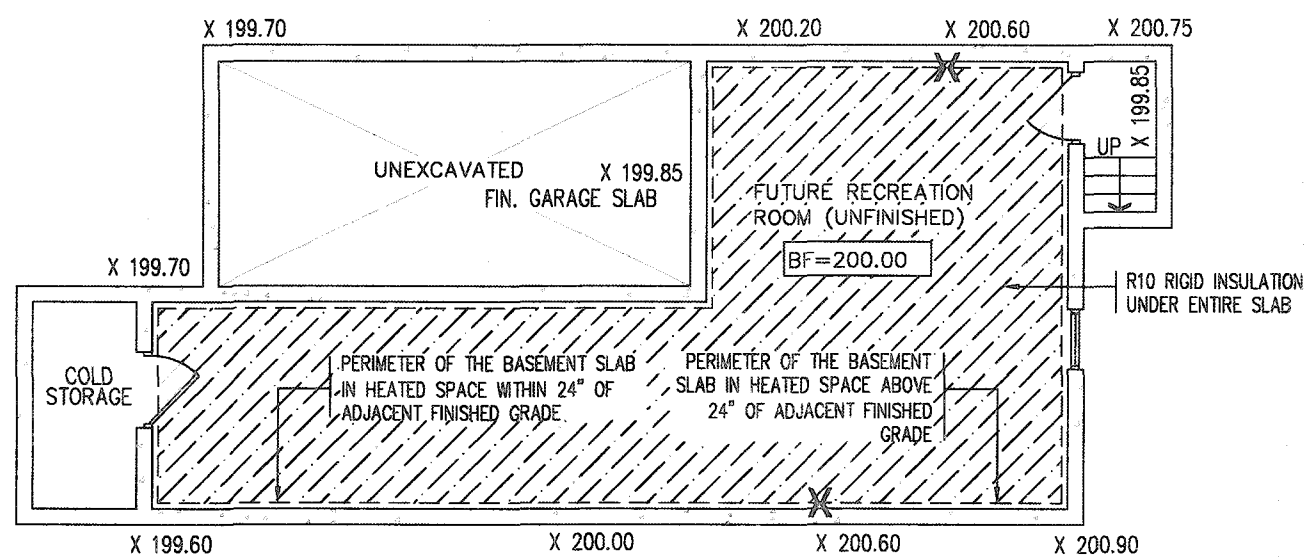
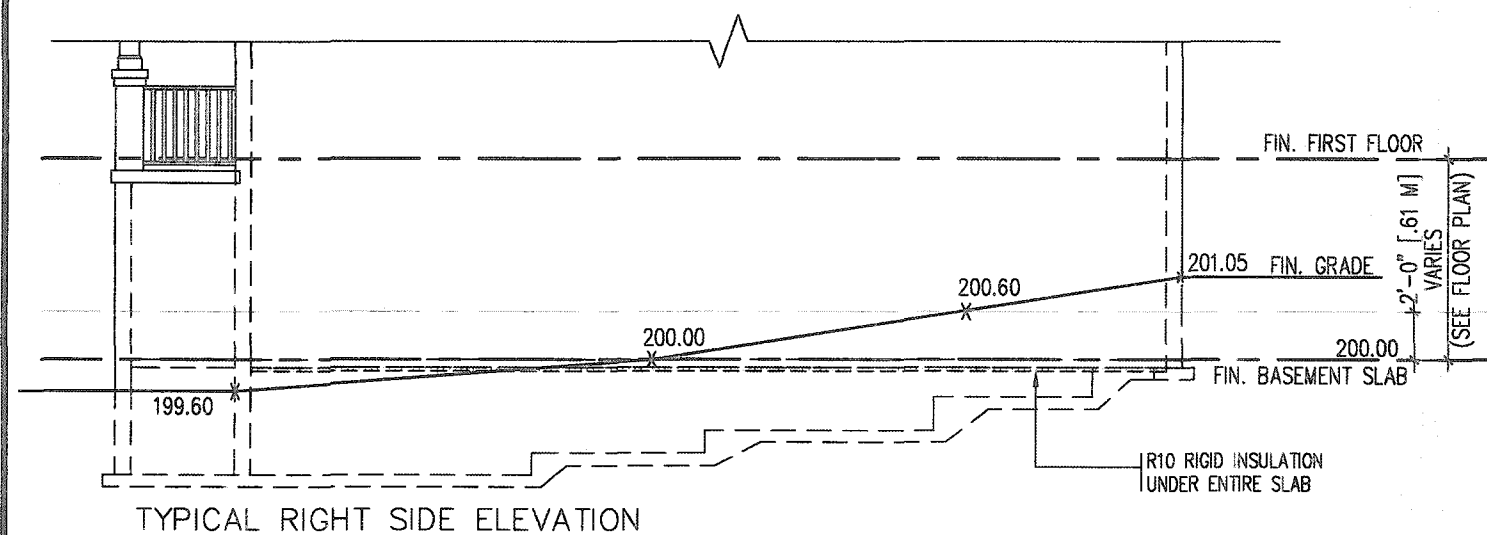
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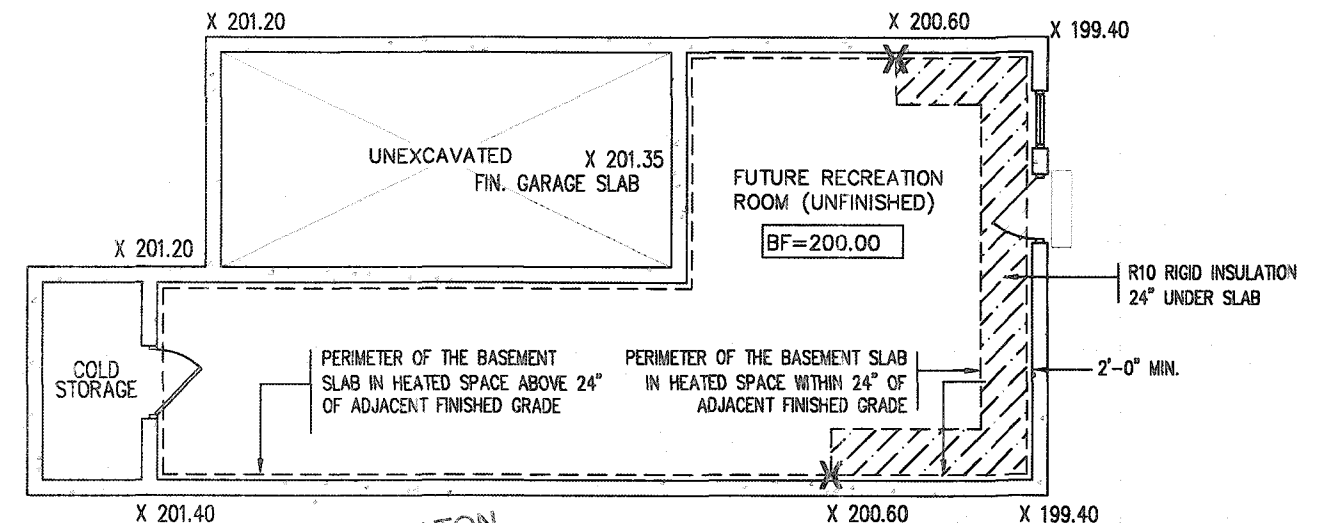
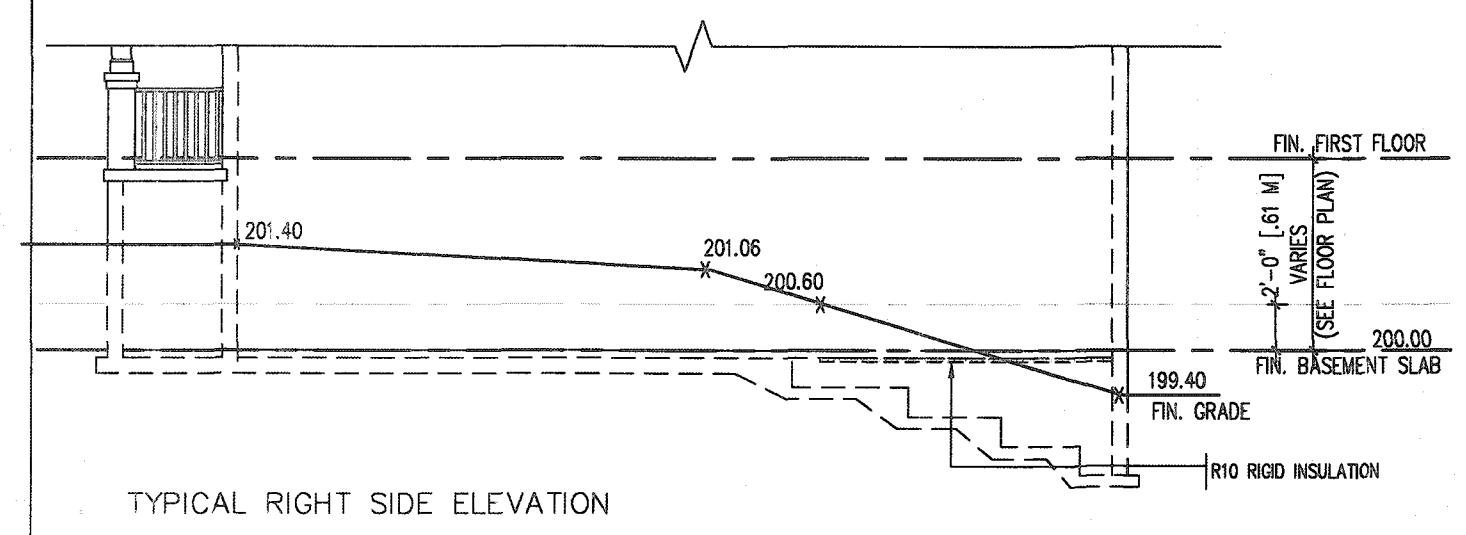


TYPICAL BASEMENT PLAN

SLAB ON GRADE CONDITION

NOTES:

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

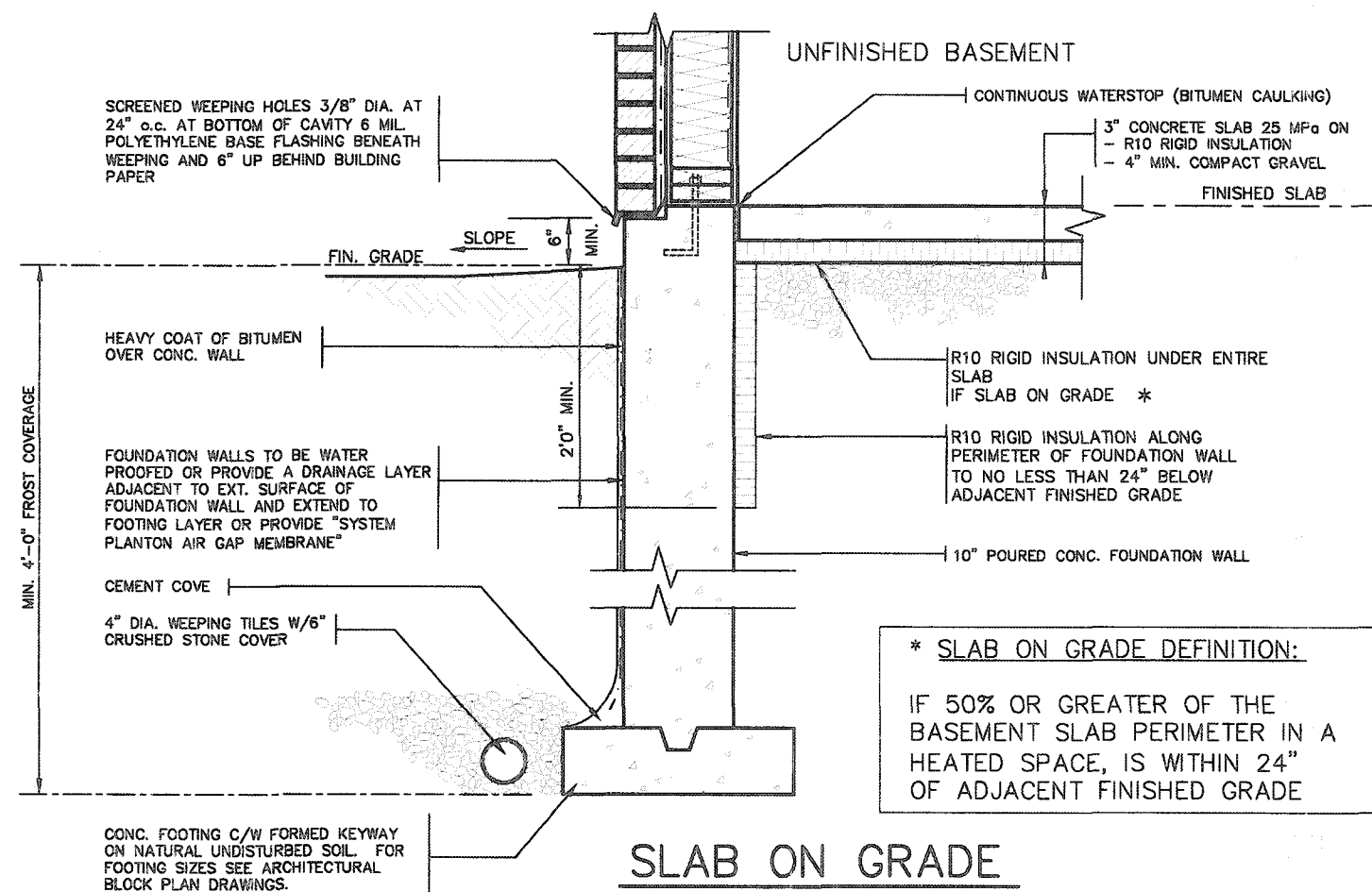


X 201.40
TYPICAL BASEMENT PLAN
OFFICE OF THE CITY ENGINEER
Building Division
107

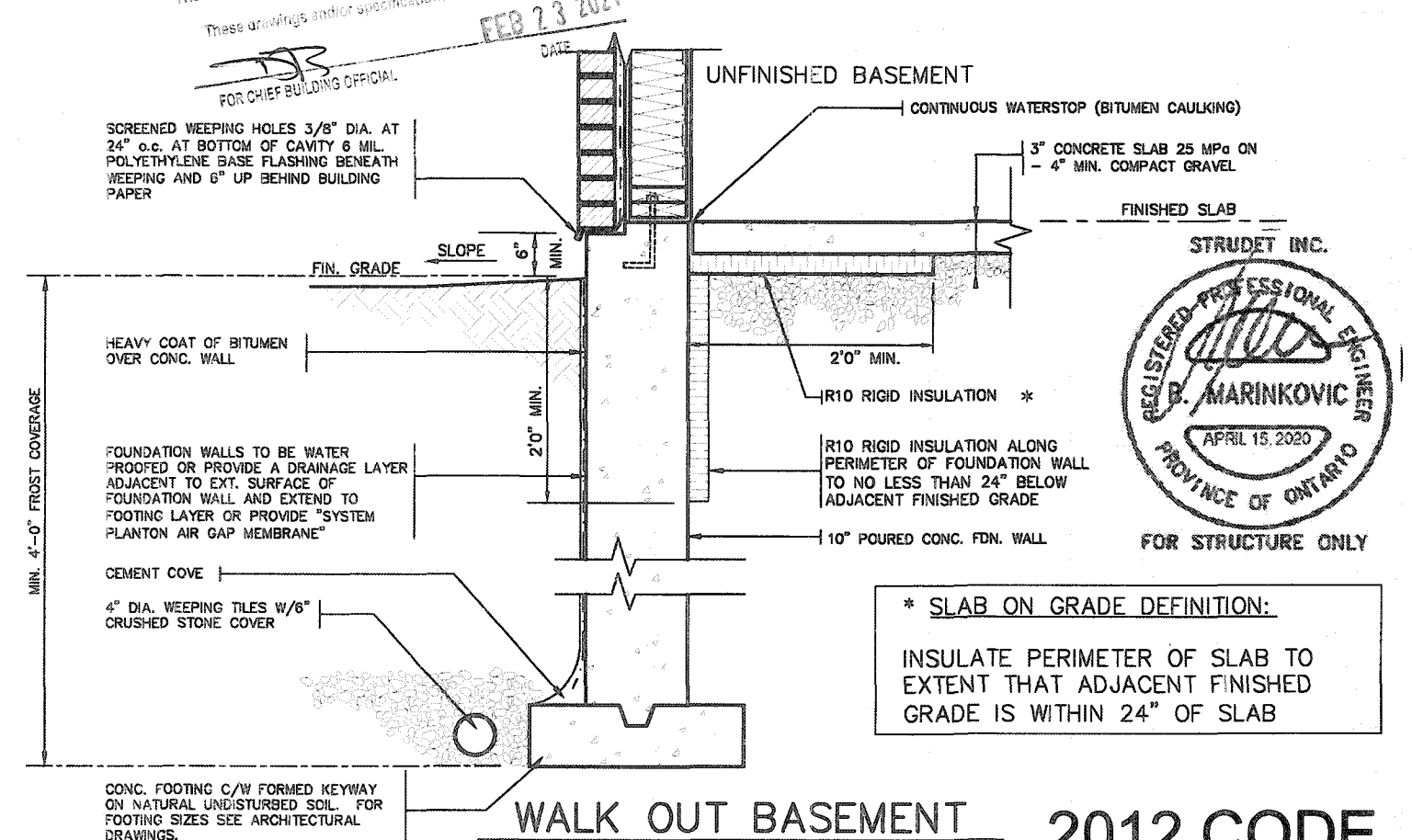
WALK OUT BASEMENT CONDITION

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

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* 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

OUT BASEMENT 2012 CODE COMPLIANCE PACKAGE

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| no | description | date | ba | |

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qualification information

Richard Vink *R Vink* 24

name signature

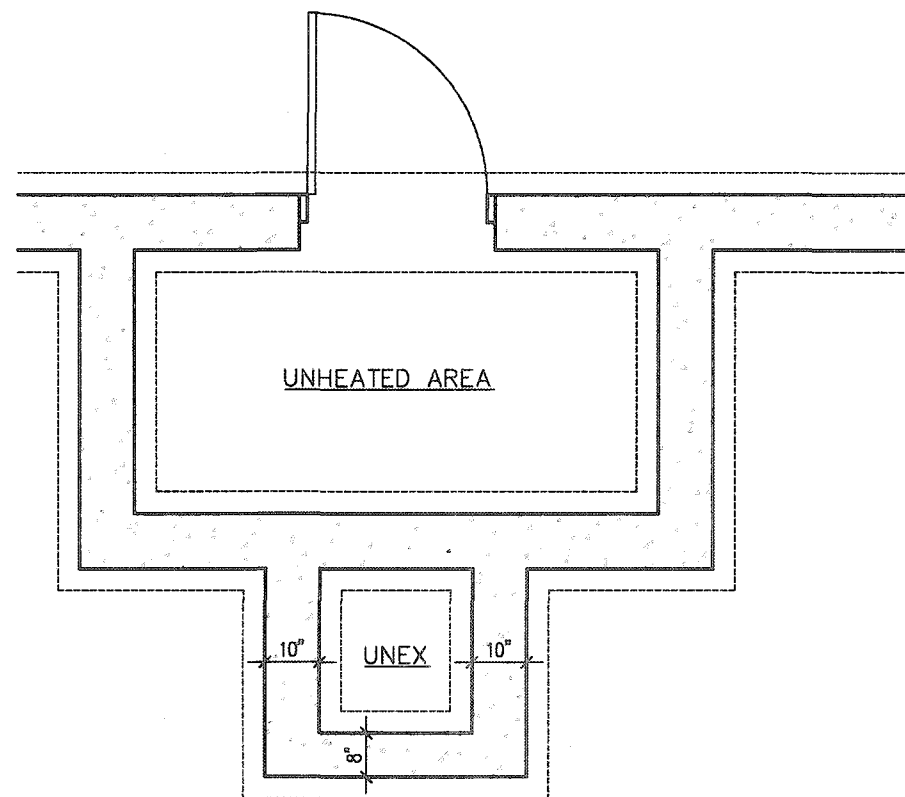
registration information

VA3 Design Inc. 42

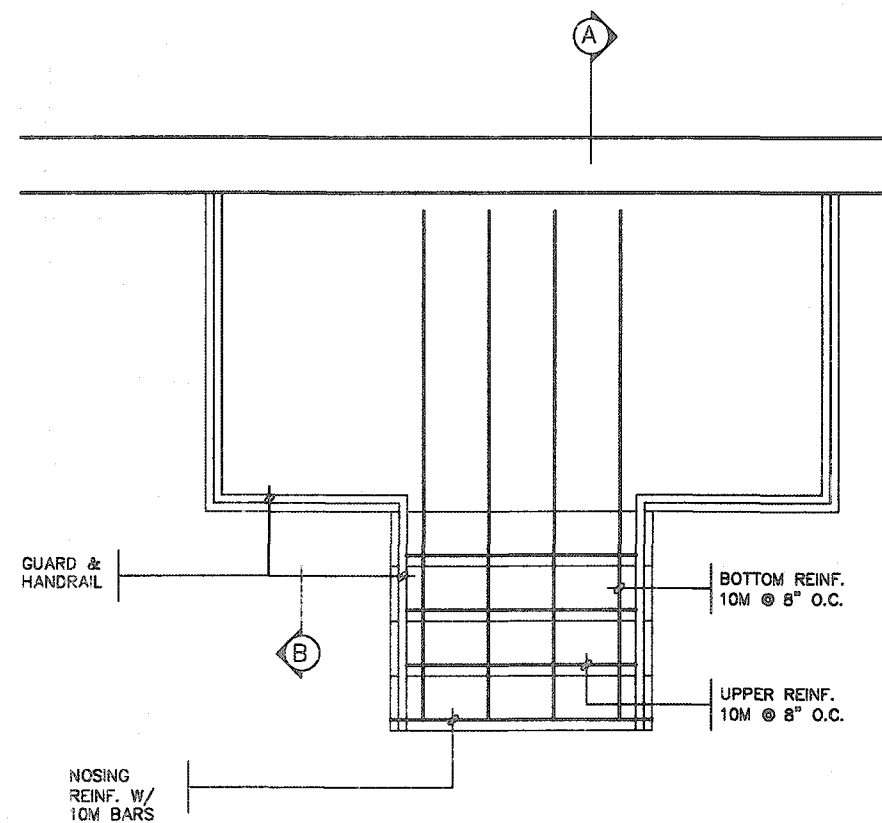
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va3design.com

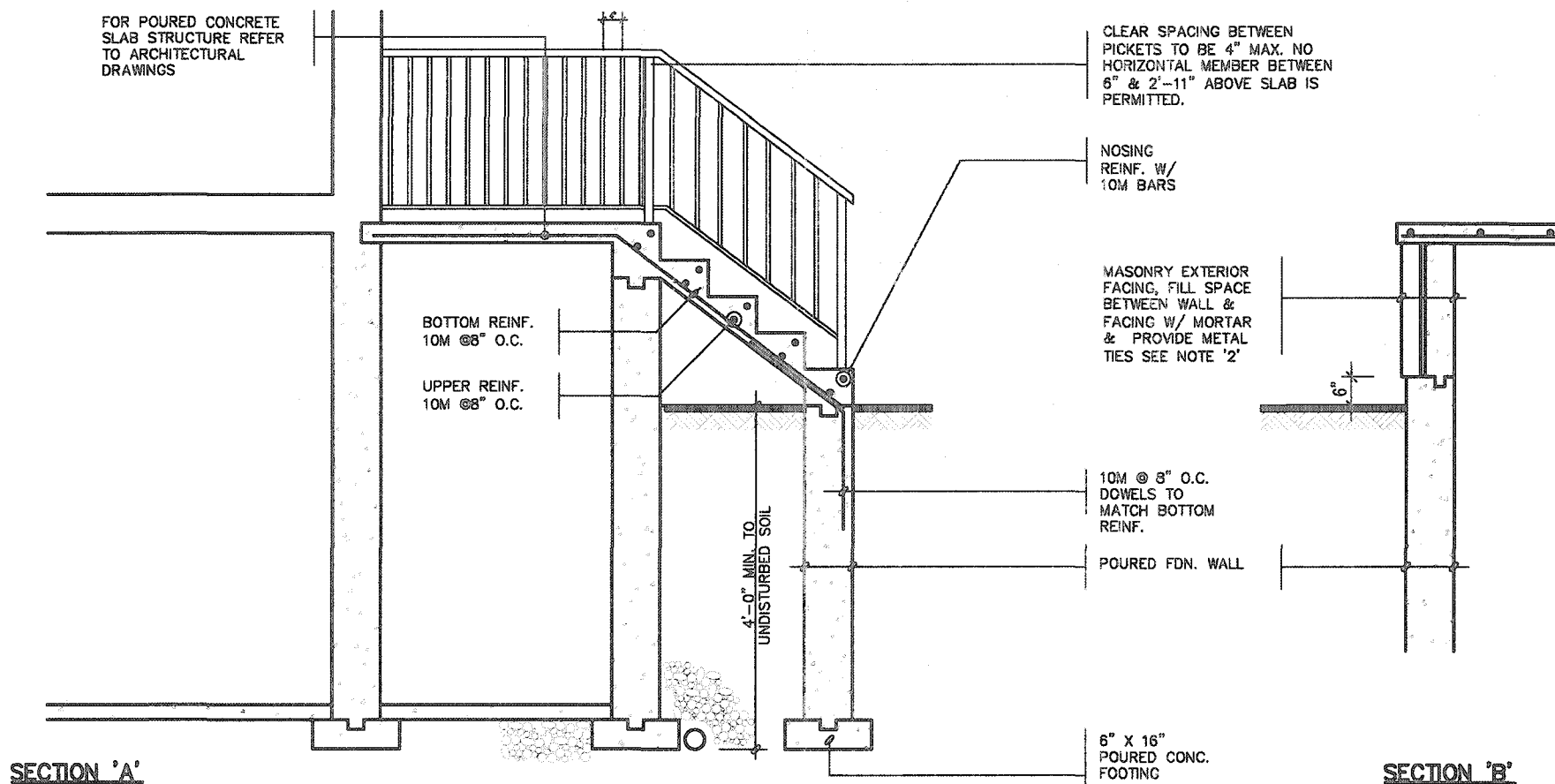
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FOUNDATION PLAN



GROUND FLOOR PLAN

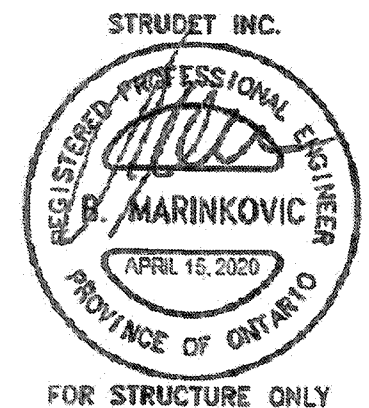


NOTE: FOR MORE THAN 8 RISERS

GENERAL NOTES

- EXTERIOR STAIRS**
7 7/8" RISE MAXIMUM
8 1/4" RUN MINIMUM
9 1/4" TREAD MINIMUM
- MASONRY TIES**
WHEN BRICK FACING IS USED ABOVE GROUND LEVEL, PROVIDE 3/16" DIA. CORROSION RESISTANT METAL TIES @ 36" HORIZONTAL & 8" VERTICAL
- GUARDS**
ARE REQUIRED AROUND CONCRETE SLAB IF MORE THAN 2'-0" ABOVE GRADE & ON BOTH SIDES OF STAIRS CONTAINING MORE THAN 6 RISERS. MINIMUM 34" HIGH FOR STAIRS MINIMUM 36" HIGH FOR PORCHES UP TO 5'-11" ABOVE GRADE. MINIMUM 42" HIGH FOR GREATER HTS.
- HANDRAIL**
ARE REQUIRED WHERE STEPS HAVE MORE THAN 3 RISERS. HANDRAIL HEIGHT 34" - 38".
- FOUNDATION WALLS**
THICKNESS OF FOUNDATION WALLS IS DEPENDANT UPON VENEER CUT 8" FOR UP TO 26" VENEER CUT HEIGHT 10" FOR VENEER CUT OVER 26" HIGH
- CONCRETE**
MINIMUM CONCRETE STRENGTH SHALL BE 4650 PSI [32MPa] W/ 5%-8% AIR ENTRAINMENT MINIMUM CONCRETE SLAB THICKNESS 5"
- CONCRETE COVER**
PROVIDE MINIMUM 3/4" CLEAR CONCRETE COVER TO REINFORCING BARS

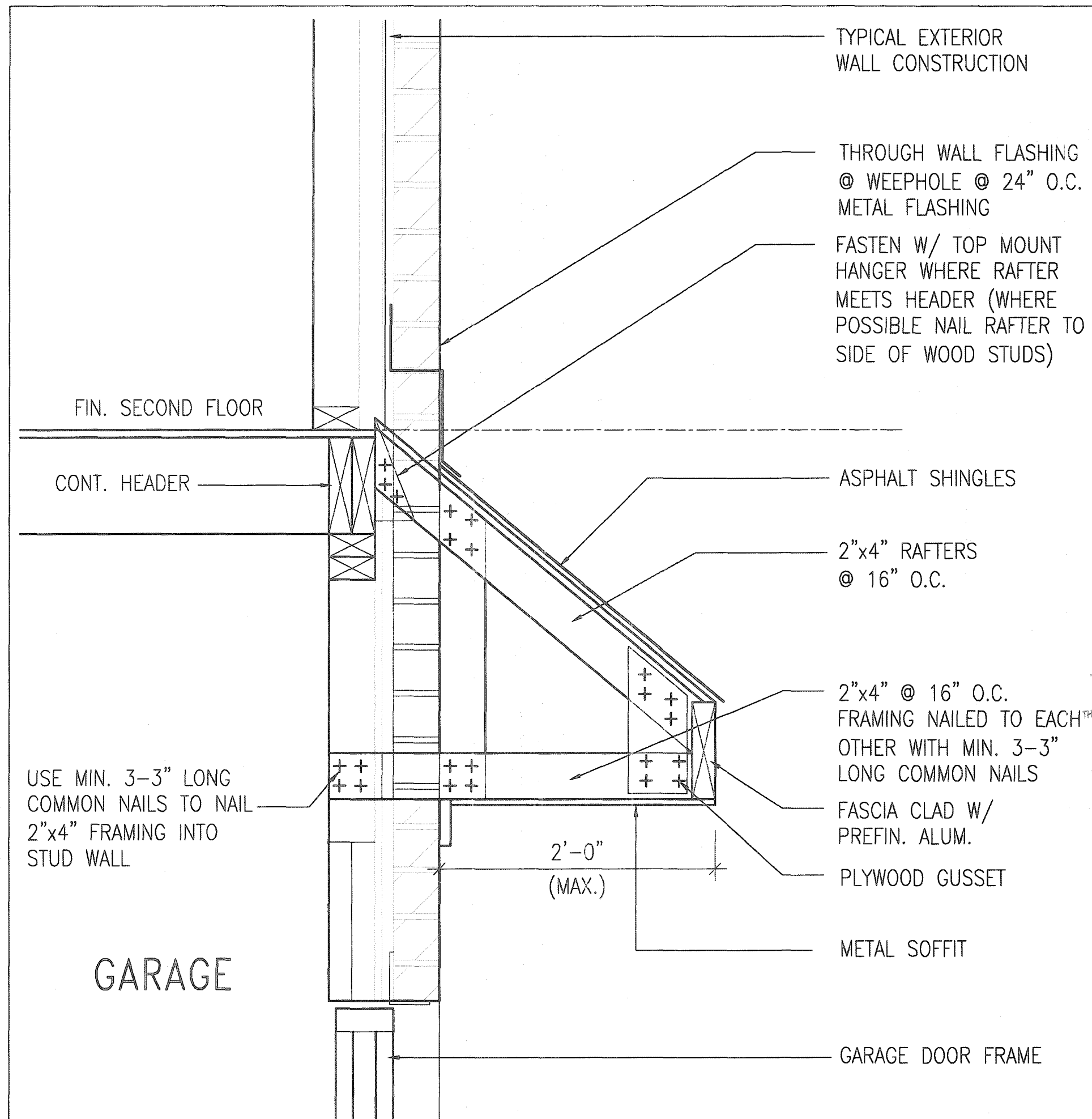
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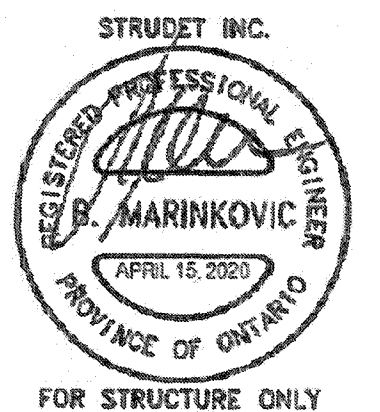
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B ROOF OVERHANG DETAIL OVER GARAGE

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Building Division
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2012 CODE
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| 1 | ISSUED FOR PERMIT. | APR 13/20 | GW | | | | | | |
| no. | description | date | by | | | | | | |

SUPPORTED STEEL
ANGLE UP TO
11'-7". OTHERWISE
TO BE REVIEWED BY
ENGINEER.

BRICK/
STONE
VENEER

INVERTED
3-1/2"x3-1/2"x1/4"
(90x90x6.0)
STEEL ANGLE

MIN. 12"

INVERTED
3-1/2"x3-1/2"x1/4"
(90x90x6.0)
STEEL ANGLE

BRICK/
STONE
VENEER

SUPPORTED STEEL
ANGLE UP TO 11'-7".
OTHERWISE TO BE
REVIEWED BY ENGINEER.

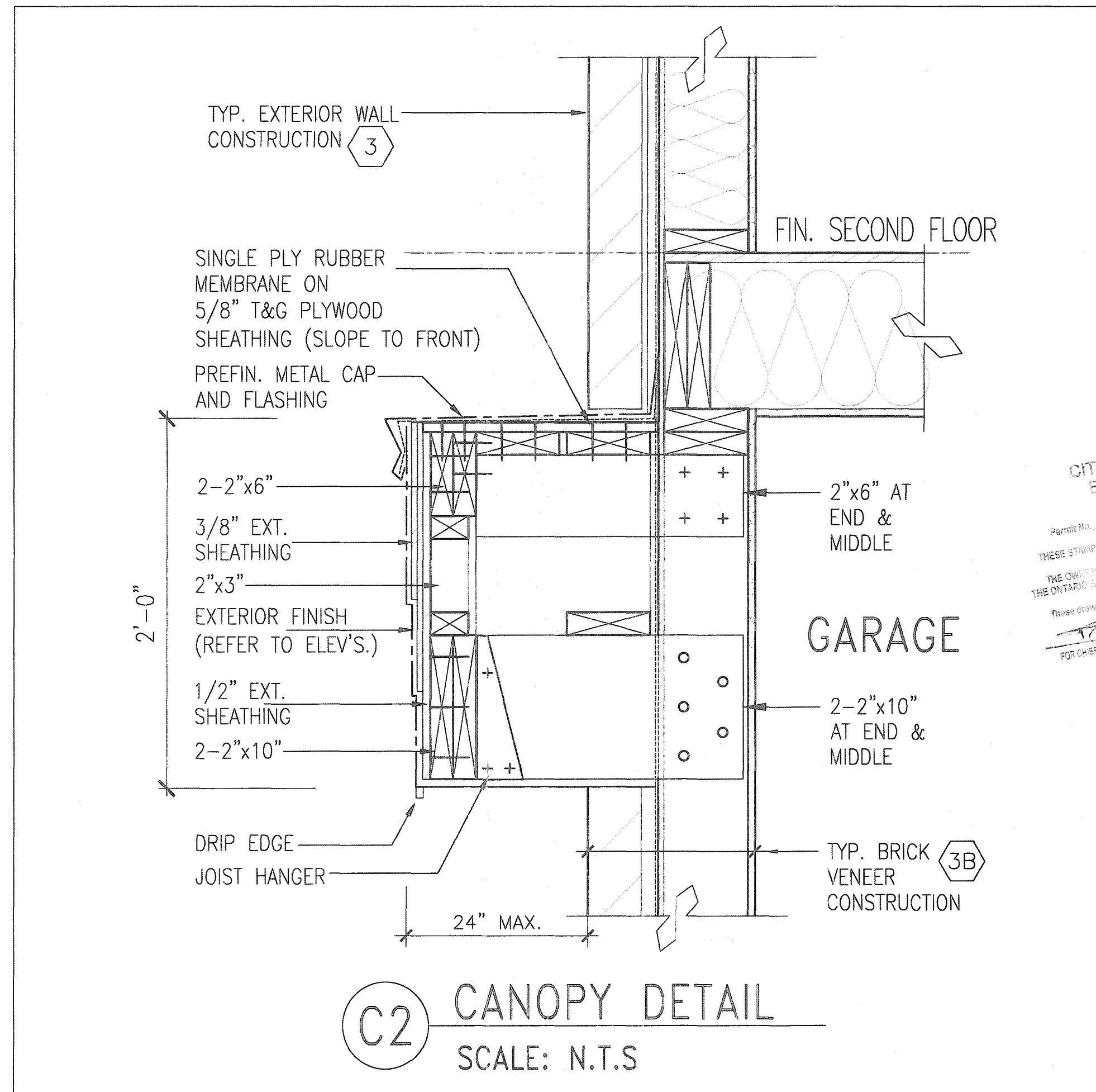
INVERTED STEEL ANGLE DETAIL

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FOR CHIEF BUILDING OFFICIAL
DATE FEB 23 2021



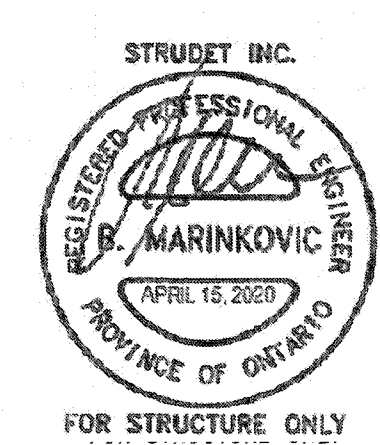
2012 CODE COMPLIANCE PACKAGE A1

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| <p>9. _____</p> <p>8. _____</p> <p>7. _____</p> <p>6. _____</p> <p>5. _____</p> <p>4. _____</p> <p>3. _____</p> <p>2. _____</p> <p>1. ISSUED FOR PERMIT. AFR 13/20 GW</p> | | <p>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.</p> <p>signature <i>R Vink</i> 24488 BCN</p> <p>name registration information VAS Design Inc. 42658</p> <p>Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be sealed.</p> | | <p>VA3 DESIGN</p> <p>255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com</p> | | <p>Greenpark</p> <p>project name RUSSELL GARDENS PH. 3 municipality WATERDOWN</p> <p>date APRIL 2020 checked by _____ scale Not to Scale</p> <p>drawn by GW</p> | | <p>SINGLES</p> <p>project no. 19014</p> <p>drawing no. 13</p> | |
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C2 CANOPY DETAIL
SCALE: N.T.S

CITY OF HAMILTON
Building Division
Permit No. **21-107173**
THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE
THE OWNER AND/OR CONTRACTOR SHALL COMPLY WITH
THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LAW
These drawings and/or specifications have been reviewed by
FOR CHIEF BUILDING OFFICIAL DATE **FEB 23 2021**



2012 CODE COMPLIANCE PACKAGE A1

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| 9. 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. 8. <i>Richard Vink</i> 24488 7. <i>R Vink</i> signature 6. name 5. registration information 4. VAS Design Inc. 42658 3. name 2. registration information 1. ISSUED FOR PERMIT. APR 13/20 GW no. description date by | | VA3 DESIGN 255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com | Greenpark. project name RUSSELL GARDENS PH. 3 municipality WATERDOWN project no. 19014 date APRIL 2020 CANOPY ROOF AT GARAGE DETAIL drawing no. 14 drawn by GW checked by - scale Not to Scale file name 19014-GP-STD_DETAILS_A1 <small>DATE OF ISSUE: 13-Apr-2020 13:00:00 PROJECT: 19014 - GREENPARK/STD_DETAILS_A1.DWG - 13-Apr-2020 - 4:30 PM</small> | SINGLES |
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