ROOF CONSTRUCTION

NO.210 (10.25kg/m2) ASPHALT SHINGLES, 10mm (3/8") PLYWOOD SHEATHING WITH "H" CLIPS. APPROVED WOOD TRUSSES @ 510mm (24") O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 900mm (3"-0")
FROM EDGE OF ROOF AND MIN. 300mm (12") BEYOND INNER FACE OF
EXTERIOR WALL, (EAVES PROTECTION NOT RED'D FOR ROOF SLOPES 8:12 OR GREATER) 38x89 (2"x4") TRUSS BRACING @ 1830 mm (6'-0") O.C. AT BOTTOM CHORD. PREFIN. ALUM. EAVESTROUGH, FASCIA, RWL & VENTED SOFFTT. PROVIDE ICE & WATER SHIELD TO ALL ROOF/WALL SURFACES SUSCEPTIBLE TO ICE DAMMING. ROOF SHEATHING TO BE FASTENED 150 (6") =/c ALONG EDGES & INTERMEDIATE SUPPORTS WHEN TRUSSES SPACED GREATER THAN 406 (16"), ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH MIN. 25% AT EAVES & MIN. 25% AT RIDGE (OBC 9.19.1.2.).

FRAME WALL CONSTRUCTION (2"x6") (SB-12-TABLE 3.1.1.2.A)
SIDING AS PER ELEV., 19x38 (1"x2") VERTICAL WOOD FURRING, COMTIN.
SHEATHING MEMBRANE, 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 INSTITUTE OF THE WARDER 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 ORC SHEATHING MEMORANE, 17mm (7/16°) EXI. 17PE SHEATHING ON OSC. COMPLIANT EQUIVALENT, 38×89 (2°x4°) STUDS @ 405mm (16°) O.C. (MAX. HEIGHT 3000mm (9°-10°)), WITH APPR. DIAGONAL WALL BRACING. REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE GARAGE. SIDING TO BE MIN. 200mm (8°) ABOVE FINISH GRADE.

STUCCO WALL CONSTRUCTION (2°x6") (SB-12-TABLE 3.1.1.2.A) (2C) STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.27.1.1.(2) & 9.28 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. EXTRUDED OR EXPANDED RIGID POLYSTYRENE ON APPR. AIR/MOISTURE BARRIER ON 38x140 (2"x6") POLYSTYRENE ON APPK. ANYMOISTURE BARRIER ON 30X140 (2 X6) STUDS @ 406 (16") O.C., RSI 3.87 (R22) BATT INSUL, APPR. 6 MIL. POLYETHYLENE VAPOUR BARRIER, 13mm (1/2") GYPSUM BOARD INTERIOR FINISH. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE. REFER TO OBC SB-12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION DESCRIPTION OF THE PROPERTY OF THE PROP

STUCCO WALL CONSTRUCTION (2"x4") —GARAGE WALLS
STUCCO CLADDING STSTEM CONFORMING TO 0.B.C. 9.27.1.1.(2) & 9.28
THAT EMPLOY A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH
POSITIVE PARAMAGE TO THE EXTERIOR AND APPLED PER MANUFACTURERS
SPECIFICATIONS OVER 25mm (1") MIN. EXPANDED OR EXTRUDED RIGHD
POLYSTYRENE ON APPROVED AIR/MOISTURE BARRIER ON 38x89 (2"x4")
STIINS & 405 (15") OC (MAY JEICLUT 3000mm (0"-10"). WITH APPR (2D) STUDS @ 406 (16") O.C. (MAX. HEIGHT 3000mm (9'-10")), WITH A DIAGONAL WALL BRACING. REFER TO NOTE 19 WHERE FLOOR EXISTS STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE.

WALLS ADJACENT TO ATTIC - NO CLADDING
11mm (7/16") EXT. TYPE SHEATHING OR GBC COMPLANT EQUIVALENT,
38x140 (2°x6") STUDS ⊚ 400mm (16") O.C., RSI 3.87 (R22)
INSULATION AND APPR. VAPOUR BARRIER AND APPR. CONTIN. AIR (2E.) 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") (S8-12-TABLE 3.1.1.2.A) 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x7"x0.03") GALV. METAL TIES @ 406mm (16") O.C. HORIZONTAL 610mm (24") O.C. VERTICAL, APPROVED SHEATHING PAPER, 11mm 510mm (24) O.C. VERNIAL. APPROVED SHEATHING PAPER, 11mm (7/16") EXTERIOR TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT, 38x140 (2"x6") STUDS @ 406mm (16") O.C., RSI 3.87 (R22) INSULATION AND APPROVED 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, BRICE 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, 22x180x0.76mm (7/8"x7"x0.03") GALV. METAL TIES @ 406mm (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 @ 406mm (16") O.C. (MAX. HEIGHT 3000) (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°x6") (SB-12-TABLE 31.1.2.A) STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.27.1.1.(2) & 9.28

THAT EMPLOYS A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH
POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS SPECIFICATIONS OVER 25mm (1") MIN. EXTRUDED OR EXPANDED RIGID POLYSTYRENE ON APPR. CONTIN. AIR/MOISTURE BARRIER ON 38x140 PULTSTYRENE UN APPK. CONTIN. ARY, MOISTURE BARRIER UN 36X14 (2½6) STUDS @ 405mm (16) 0.C., RSI 3.87 (R22) BATT INSUL. APPR. 6 MIL. POLYETHYLENE VAPOUR BARRIER, 13mm (1/2) GYPS 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.



STRUDET INC. FOR STRUCTURE ONLY

INTERIOR STUD PARTITIONS

FOR BEARING PARTITIONS 38x89 (2"x4") @ 406mm (16") D.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 (2/2"x4") TOP PLATE. 13mm (1/2") INT. DRYWALL BOTH SIDES OF STUDS, PROVIDE 38x140 (2"x6") STUDS/PLATES WHERE NOTED.

(5.) FOUNDATION WALL/FOOTINGS: (9.15.3, 9.15.4, 9.13.2, 9.14.2.1.(2)) 200mm (8") POURED CONC. FDTN. WALL 15MPa (2200psi) WITH BITUMENOUS DAMPPROOFING AND DRAINAGE LAYER, DRAINAGE LAYER REO'D, WHEN BASEMENT INSUL, EXTENDS 900 (2'-11") BELOW FIN. GRADE, DRAINGE LAYER IS NOT REQ'D. IF FOUNDATION WALL IS WATERPROOFED. MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500x155 (20"x5") CONTINUOUS KEYED CONC. FIG. BRACE FOTM, WALL PRIOR TO BACKFILLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OR COMPACTED ENGINEERED 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

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

7. BASEMENT SLAB OBC. 9.11.6.(1)(b). 9.16.4.5.(1). 9.25.3.3.(15) 80mm (3")MIN. 25MPa (3600psi) CONC. SLAB ON 100mm (4") COARSE GRANULAR FILL, OR 20MPa. (3000psi) CONC. WITH DAMPPROOFING BELOW SLAB. UNDER SLAB INSULATION PER S8-12; 3 1.1 7 (5)(8) where required ALL SLAB JOINTS & PENETRATIONS TO BE SEALED TO MAINTAIN AIR

8. WOOD SUBFLOORS (SEE OBC. 9.23.14. & 9.30.2.1) $-19 \mathrm{mm} \ (3/4^\circ)$ Min. T & G SUBFLOOR UNDER GROUND FLOOR FINISH FLOOR. 16mm $(5/8^{\circ})$ T&G SUBFLOOR UNDER SECOND FLOOR FINISH FLOOR. 16mm $(5/8^{\circ})$ PANEL-TYPE UNDERLAY FOR CERAMIC TILE APPLICATION. 6mm (1/4) Panel-Type underlayment under resident & Parquet Flooring.

9) ATTIC INSULATION (SB-12-TABLE 3.1.1.2.A) (SB-12-3.1.1.B)
RSI 10.56 (RRO) PLONAL ALL POOR INSULATION RSI 10.56 (R60) BLOWN IN ROOF INSULATION AND APPROVED VAPOUR BARRIER, 16mm (5/8") INT. DRYWALL FINISH OR APPROVED EQUAL 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 -5mm (1/4") OR LANDINGS -10mm (1/2") MAX BETWEEN TALLEST & SHORTEST RISE IN FLIGHT

= 200 (7-7/8") MAX. RISE = 210 (8-1/4") = 235 (9-1/4")MIN. RUN MIN. TREAD 25 (1") = 1950 (6'-5") MIN. HEADROOM RAIL @ LANDING RAIL @ STAIR = 900 (2'-11") = 865 (2'-10") to 965 (3'-2") MIN. STAIR WIDTH = 860 (2'-10") FOR CURVED STAIRS

= 150 (6") = 200 (8") MIN. RUN MIN. AVG. RUN HANDRAILS -08C, 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 NEWEL POST AT CHANGES OF DIRECTION .

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

EXTERIOR GUARDS — QBC, 9.8.8.
900mm (36") HIGH GUARD WHERE DISTANCE FROM PORCH TO FIN.
GRADE IS LESS THAN 1800mm (71"). 1070mm (42") HIGH GUARD IS REQUIRED WHERE DISTANCE EXCEEDS 1800mm: (71").

SILL PLATE ANCHORAGE 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 FDTN. WALL
USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED. (12.)

BASEMENT INSULATION (S8-12-3.1.1.7), 9.25,2.3, 9.13.2.6) 13) FOUNDATION WALLS ENCLOSING HEATED SPACE SHALL BE INSULATED FROM THE UNDERSIDE OF THE SUBFLOOR TO NOT MORE THAN 200m FROM THE UNDERSIDE OF THE SUBFLOOR TO NOT MORE THAN ZOOMM (8") ABOVE THE FINISHED FLOOR & NO CLOSER THAN SOMM (2") OF THE BASEMENT SLAB. RSI 3.52c. (R20c.) BLANKE' INSULATION TO HAV APPROVED VAPOUR BARRIER. RECOMMEND DAMPPROOF WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRAD'S CYCLE. NOTE: FULL HEIGHT INSULATION AT COLD CELLAR WALLS. ARE BARRIER TO BE SEALED TO FOUNDATION WALL WITH CAULKING. CONTINUOUS INSULATION (ci) IS NOT TO BE INTERRUPTED BY FRAMING

BASEMENT BEARING STUD PARTITION

| SASSEMENT | SEARCHES STAMP CANADISMAN
| 38x89 (2"x4") STUDS @ 406mm (16") O.C. 38x89 (2"x4") SILL
| PLATE ON DAMPPROOFING MATERIAL, 13mm (1/2") DIA. ANCHOR
| BOLTS 200mm (8") LONG, EMBEDDED MIN. 100mm (4") NITO
| CONC. @ 2400mm (7"-10") O.C. 100mm (4") HIGH CONC. CURB ON 305x155 (12"x6") CONC. FOOTING, ADD HORIZ, BLOCKING AT MID-HEIGHT IF WALL IS UNFINISHED.

(15.) STEEL BASEMENT COLUMN (SEE Q.B.C. 9.15.3.3) 89mm(3-1/2") DIA x 4.78mm(0.188") STL, COL, WITH A MIN. CAPACITY OF 108.6kN (24.000lbs.) WITH 150x150x9.5 (6"x6"x3/8") STL. TOP & BOTTOM PLATE.

STEEL COLUMN 90mm(3-1/2") DIA x 4.78mm(0.188") STL COL. WITH 100x100x6.0 (4"x4"x1/4") TOP & BOTTOM PLATES. FIELD WELD TOUR LOUNCE (4 xx x/y 4) 10P & BOTTOM PLATES, FAELD 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"x 1/8") STEEL STRAP WELDED TO COLUMN AND FASTENED TO STUD WITH 2-SOS 6.35x38 (1/4"x1 1/2") SCREWS MANUF. CONCRETE PILASTER

16. BEAM POCKET OR 200x200 (8"x8") POURED CONC. NIS 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 GRANIJIAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL SLOPE TO FRONT (EXTERIOR) AT 1% MIN.

INTERIOR GARAGE WALLS & CELLINGS (SE-12-TABLE 3.1.1.2.A)

13mm (1/2") GYPSUM BOARD ON WALL AND CELING BETWEEN
HOUSE AND GARAGE, RSI 3.87 (R22) IN WALLS, RSI 5.46 (R31)
IN CEILING. TAPE AND SEAL ALL JOINTS JARTIGHT PER 0.8.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

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

DRYER VENT(OBC-6.2.3.8.(7), & 6.2.4.1.1)
CAPPED DRYER EXHAUST VENTED TO EXTERIOR. (22.) (USE 100mm (4") DIA. SMOOTH WALL VENT PIPE)

23. INSULATED ATTIC ACCESS (08C-9.19.2.1. & SB12-3.1.8)
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 (R2U) RIGID INSULATION BACKING. SEE OBC SB-12, 3.1.1.8

FIREPLACE CHIMNEYS — OBC. 9.21.—
TOP OF FIREPLACE CHIMNEY SHALL BE 915mm (3'-0") ABOVE THE HIGHEST POINT AT WHICH IT COMES IN CONTACT WITH THE ROOF AND 610mm (2'-0") ABOVE THE ROOF SURFACE WITHIN A HORIZ, DISTANCE OF 3050mm (10'-0") FROM THE CHIMNEY

LINEN 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
280x280x16 (11"x11"x5/8") STL PLATE FOR STL BEAMS AND
280x280x12 (11"x11"x1/2") STL PLATE FOR WOOD BEAMS
BEARING ON CONC. BLOCK PARTWALL, ANCHORED WITH 2-19n (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 HULLT-UP WOOD STUDS TO BE CONSTRUCTED IN ACCORDANCE WITH OBC

CLASS 'B' VENT

U.C. RATED CLASS 'B' VENT 510mm (2'-0") ABOVE THE POINT
IN CONTACT WITH THE ROOF FOR SLOPES UP TO 9/12, REFER
TO THE ONTARIO GAS UTILIZATION CODE. 28.

BASEMENT WOOD POST (OBC 9.17.4.) (29.) 3-38x140 (3-2"x6") BUILT-UP-POST ON METAL BASE ST ANCHORED TO CONC. WITH 12.7 DIA. BOLT. 406x406x203 (16"x16"x8") CONC. FTG. OR AS OTHERWISE SPECIFIED ON DRAWING

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

LOOSE STEEL LINTELS

SHAB ON GRADE

MIN. 100mm (4") CONGRETE SLAB ON GRADE ON 100mm (4")

COARSE GRANULAR FILL. REINFORCED WITH 6x6-W2.9xW2.9 MESHPLACED NEAR HID-DEPTH OF SLAB. CONC. STR:HOSH 32 MPa

(4640 psi) WITH 5-8% AIR ENTRAINMENT ON COMPACTED

SUB-GRADE UNDER SLAB INSULATION AS PER CHC. SB-12

3.1.1.7.(5)(6) AND SB-12, TABLE 3.1.1.2.A. Where required.

ALL JOINTS & PENETRATIONS OF INTERIOR SLABS TO BE SEALED

TO MAINTAIN AIR BARRIER.

EXTERIOR WALLS FOR WALK-OUT CONDITIONS
THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2*x6*)
STUDS @ 406+m (16*) ost 98* 3889 (2*x1) \$TUDS/R L TON 42. BUILDING DIVISION Planning & Development Departmen

LOOSE STEEL LIMPLS

L1 = 3-1/2" x 3-1/2" x 1/4"\ (90x9 ix5.0\)
L2 = 4" x 3-1/2" x 5/16"\ (100x90x5.0\)
L3 = 5" x 3-1/2" x 5/16"\ (125x90x5.0\)
L4 = 6" x 3-1/2" x 3/6"\ (150x90x10.0\)
L5 = 6" x 4" x 3/8"\ (150x100x10.0\)
L6 = 7" x 4" x 3/8"\ (180x100x10.0\) APR 0 9 2021 PAO FOOTINGS O KPO, ENGINEERED FILL SOIL 120 KPg. NATIVE SOIL F1 = 42"x42"x18" CONCRETE PAD F1 = 42"x42"x18" CONCRETE PAD F1 = 7880 48"x20" CONCRETE PAD F2 = 36"x36"x16" CONCRETE PAD F2 = 40"x40"x15" CONCRETE PAD LAMINATED VEHEER LUMBER (LVL) SEAUS DATE =1-1 3/4"x7 1/4" (1-45x184) =2-1 3/4"x7 1/4" (2-45x184) =3-1 3/4"x7 1/4" (3-45x184) F3 = 30"x30"x12" CONCRETE PAD F3 -RSPRIDETO" CONCRETE PAD F5 = 16"x16"x8" CONCRETE PAD LVL1 LVL2 LVL3 LVL4A =4-1 3/4°x7 1/4" (4-45x18-=1-1 3/4°x9 1/4" (1-45x23 (REFER TO FLOOR PLAN FOR UNUSUAL SIZE PADS NOT ON CHART.) =1-1 3/4*x3 1/4* (1-45x23) =2-1 3/4*x9 1/4* (2-45x235) =3-1 3/4*x9 1/4* (3-45x235) =4-1 3/4*x1 17/8* (1-45x235) =1-1 3/4*x11 7/8* (1-45x306) =3-1 3/4*x11 7/8* (2-45x306) =3-1 3/4*x11 7/8* (3-45x306) DOOR SCHEDULE NOS. WIDTH HEIGHT HEIGHT WORE CEILING CEILING INSULATED ENTRANCE DOOR
INSULATED FRONT DOORS
WOOD & GLASS DOOR
EXTERIOR SLAB DOOR
INTERIOR SLAB DOOR LVL7A =4-1 3/4"x11 7/8" (4-45x37) =2-1 3/4"x14" =3-1 3/4"x14"

LVL9 BRICK VENEER LINTELS WOOD UNITELS AND BEAMS WL1 =3-1/2" x 3-1/2" x 1/4" (89x89x6.4L) + 2-2"x8" SPR. No.2 WB1 = $2-2^{\circ}x8^{\circ}$ (2-38x184) SPR. No.2 WL2 = $\frac{4}{x} \times 3 - 1/2^{x} \times 5/16^{2}$ L (192x89x7.9L) WL3 = $5^{x} \times 3 - 1/2^{x} \times 5/16^{2}$ L (192x89x7.9L) WL4 = $6^{x} \times 3 - 1/2^{x} \times 7/16^{2}$ L (152x89x11.0L) WL5 = $6^{x} \times 4^{x} \times 7/16^{x}$ L (152x102x11.0L) 2-2"x8" SPR No.2 =3-2"x8" (3-38x184) SPR. No.2 WB3 WB4 WB5 WB6 WB7 =2-2*x10* (2-38x235) SPR. No.2 =3-2*x10* (3-38x235) SPR. No.2 =2-2*x12* (2-38x286) SPR. No.2 WL6 =5" x 3-1/2" x 5/16"L (127x89x7.9L) WL7 =5" x 3-1/2" x 5/16"L (127x89x7.9L) 2--2°x12° SPR. No.2 3-2°x12° SPR. No.2 =3-2"x12" (3-38x286) SPR. No.2 =5-2"x12" (5-38x286) SPR. No.2 WL8 =5" x 3-1/2" x 5/16"L (127x89x7.9L) 3-2°x10° SPR. No.2 WB11 = $4-2^*x10^*$ (4-38x235) SPR No.2 3-2"x10" SPR. No.2 WB12 =4-2"x12" (4-38x286) SPR. No.2

The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Cacle to be a Designer. ualification information DVINK Richard Vink 24488 registration information VA3 Design Inc. 42658 3 SB NOTE FURTHER DEFINED. DEC 93/20 GW Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All APR. 13/20 GW of the Designer which must be returned at the completion of the brown. 2 RE-ISSUEL 1 ISSUED FOR PERMI no. descriptio rinos are not to be acaled

322) DIRECT VENTING GAS FURNACE VENT

DIRECT VENT FURNACE TERMINAL MIN. 900mm (36") FROM A GAS REGULATOR. MIN. JODImm (12") ABOVE FIN. GRADE, FROM ALL OPENINGS, EXHAUST AND INTAKE VENTS. HRV INTAKE TO BE A MIN. OF 1830mm (6'-0") FROM ALL EXHAUST TERMINALS. REFER TO GAS UTILIZATION CODE. ALL AIR INTAKES SHALL BE LOCATED SO THAT THEY ARE

SEPARATED FROM KITCHEN EXHAUST BY J.DM IN COMPLIANCE WITH O.B.C. DN.-B TABLE 6.2.3.12.. DIRECT VENTING GAS FIREPLACE VENT

(33) DIRECT VENT GAS FIREPLACE, VENT TO BE A MINIMUM 300mm (12") FROM ANY OPENING AND ABOVE FIN. GRADE, REFER TO GAS JOIST STRAPPING AND BRIDGING (SEE ORC. 9.23.9.4)

16mm (5/8") T & G SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERAMIC TILE APPLICATION (* SEE OBC 9.30.6. *) 6mm (1/4") PANEL TYPE UNDERLAY UNDER RESILIENT & PARQUET FLOORING. (* SEE OBC 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 RE 19x64 (1°x3") @ 2100mm (6'-11") D.C.

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.

COLD CELLAR PORCH SLAB (OBC 9.39.)

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

BRICK CHECK

(37) THE FOTN. WALL SHALL NOT BE REDUCED TO LESS THAN 90mm (3-1/2") THICK TO A MAX. DEPTH OF 660mm (26") AND SHALL BE TIED TO THE FACING MATERIAL WITH METAL TIES SPACED 200mm (8") O.C. VERTICALLY AND 900mm (36") C.C. HORIZONTALLY. FILL SPACE BETWEEN WALL AND FACING SOLID WITH MORTAR.

CONVENTIONAL ROOF FRAMING (2.0Kpg, SNOW LOAD) (38.) 7 38x140 (27x6") 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") @ 405 (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 (2-2"x6") SPP. №2

CONTIN. STUDS @ 305mm (12") D.C. (TRIPLE UP AT EVERY THRO (39.) DOUBLE STUD FOR BRICK WALLS) C/W 9.6 (3/8") THICK EXT. PLYWOOD SHEATHING. PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS @ SHEATHING, PROVIDE SOLID WOOD BLOCKING BELIVER 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 @ 405 (16"), O.C. WITH COMTINUOUS 2-38x140 (2-2"x6") BOTTOM PLATE & MINIMUM OF 3-38x184 (3-2"x6") CONT. HEADER AT SKIND. CELING LEVEL TOR—NAILED & GLUED AT TOP, BOTTOM PLATES AND HEADERS.

EXPOSED FLOOR TO EXTERIOR (SB-12-TABLE 31,1.2.A) 40. PROVIDE RS: 5.46 (R31) INSULATION, APPROVED VAPOUR BARRIER AND CONTINUOUS AIR BARRIER, FINISHED SOFFIT.

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

THE MINIMAL THERMAL PERFORMANCE OF BUILDING

ENVELOPE AND EQUIPMENT SHALL CONFORM TO THE FOLLOWING SB-12 COMPLIANCE PACKAGE AS MER OBC SUPPLEMENTARY STANDARD SB-12. SECTION 3.1.1.1 USE SB-12 COMPLIANCE PACKAGE (A1):

MINIMUM BEDROOM WINDOW —OBC. 9.9.19.1—
AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR IS TO HAVE MIN 0.35m2 LINOBSTRUCTED GLAZED OR OPENBLE AREA WITH MIN. CLEAR

2) WIDTH OF 380 mm (1'-3')
WINDOW GLARDS —O'BC. 9.8.8.1.(6)
A GUARD IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS LOCATED
LESS THAN 480mm (1'-7') ABOVE FIN. FLOOR AND THE DISTANCE FROM
THE FIN. FLOOR TO THE ADJACENT GRADE IS GREATER THAN 1800mm

(5-11)

WINDOW WELLS —OBC. 9.14.6.3.

ALL WINDOW WELLS TO DRAIN TO FOOTING LEVEL PER OBC 9.14.6.3.

CHECK WITH THE LOCAL AUTHORITY.

EXTERIOR, WINDOWS

ALL EXTERIOR DOORS— THERMAL RESISTANCE
ALL EXTERIOR DOORS TO COMPLY WITH THERMAL RESISTANCE AS STATED IN
0.B.C. SB-12-3.1.1.9.

EXTERIOR SLIDING GLASS DOORS— THERMAL RESISTANCE
ALL EXTERIOR SLIDING GLASS DOORS— TO COMPLY WITH THERMAL

MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.7 AIR CHANGES PER HOUR AVERAGED OVER 24 HOURS. SEE MECHANICAL DRAWINGS.

STUD WALL REINFORCEMENT FOR FLITURE GRAB BARS IN MAIN BATHROOM REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATE

9.5.2.3, 3.8.3.8.(3)(a), 3.8.3.8.(3)(c), 3.8.3.13.(2)(g) & 3.8.3.13.(4)(e)

AR BARRIERS
ALL AIR BARRIER SYSTEMS TO COMPLY WITH O.B.C.-DV. B, 9.25.3.

CUIDOOR AIR INTAKE
ALL OUTDOOR AIR INTAKES SHALL BE LOCATED SO THAT THEY ARE
SEPARATED FROM SOURCES OF CONTAMINATION (EXHAUST VENTS) IN

ALL LUMBER SHALL BE SPRUCE NO.2 GRADE, UNLESS NOTED OTHERWISE

ALL LAMINATED VENEER LUMBER (LV.L.) BEAMS, GIRDER TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED

89mm (3 1/2") LONG COMMON WIRE NAILS @ 300mm (12") C.C.
STAGGERED IN 2 ROWS FOR 184,240 & 300mm (1 1/4",9 1/2", 11
7/8") DEPTHS AND STAGGERED IN 3 ROWS FOR GREATER DEPTHS AND FOR

LVL BEAMS SHALL BE 2.0E-2950Fb MIN., NAIL EACH PLY OF LVL WITH

PLY MEMBERS ADD 13mm (1/2") DIA GALV, BOLTS BOLTED AT

PROVIDE TOP MOUNT BEAM HANGERS TYPE "SCL" MANUFACTURED BY SIMPSON STRONG—TIE OR EQUAL FOR ALL LVL BEAM TO BEAM

6) JOIST HANGERS: PROVIDE METAL HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS INTERSECTING FLUSH BUILT-UP WOOD MEMBERS.

WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATIVE, IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONCRETE BY AT LEAST

2 mil POLYETHYLENE FILM, No. 50 (45lbs.) ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST

STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-G40.21 GRADE 350W. "STRUCTURAL QUALITY". PER OBC. B-9.23.4.3.

ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSTINE DRAINING TO THE EXTERIOR, THE EXTERIOR SHEATHING MUST NOT BE GYPSUM BASED, ALL STUCCO TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS.

2) REINFORCING STEEL SHALL CONFORM TO CSA-G30-1811 GRADE 400R.

LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE No.2 GRADE PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.

& CERTIFIED BY ROOF TRUSS MANUF.

150mm (6") AROVE THE GROUND.

STFFL:

STUCCO:

MID-DEPTH OF BEAM @ 915mm (3'-0") O.C.

COMPLIANCE WITH O.B.C. DIV.-B 6.2.3.12. AND TABLE 6.2.3.12.

ALL DOWNSPOUTS TO DRAIN AWAY FROM THE BUILDING AS PER OBC 9.26 18.2 AND MILWICIPAL STANDARDS.

O.B.C.-DIV. B-9.7.1.7. & SB12-3.1.1.9.

GENFRAI:

S TO COMPLY WITH REQUIREMENTS STATED IN

CONSTRACTOR MUST VERIFY ALL DIMENSIONS ON THE GOB
AND REPORT ANY DISCREPANCY TO VAS DESIGNANCE BEFORE
PROCEEDING WITH THE WORK.
ALL DRAWMACS AND CONSTRUCTORS. Minimum RSI (R) value Ceiling without Attic Spo of exterior walls BATT or SPRAY finimum RSI (R) value BATT or SPRAY Minimum RSI (R) value
Walls Above Grade 6" R22 BATT Minimum RSI (R) value OPTION TO USE Minimum RSI (R) value R12+R10ci. RIGID INSUL (R10) Minimum RSI (R) value Windows & Slidies -2.80

96% Min.

Hot Water Heate 0.66 NATURAL GAS 75% Drain Water Heat Recovery Unit (DWHR) Refer to SB12-3.1.1.12 for information

†Greenbark

NATURAL GAS

SINGLES

19014

Amendment O. Reg. 88/19

RUSSELL GARDENS PH.3

WATERDOWN

PACKAGE

LEGEND

-

 $\Phi_{\delta_{r}}$

CLASS 'B' VENT

POT LIGHT

C LIGHT FIXTURE (PULL CHAIN)

® < FLOOR DRAIN

DJ --- DOUBLE JOIST

SJ --- SINGLE JOIST

I FLAT ARCH

I CA I CURVED ARCH

M.C. MEDICINE CABINET

CONC. BLOCK WALL

SPECIAL WALL CONSTRUCTION SEE NOTE ON PLANS

SOLID WOOD BEARING (SPRUCE No. 2).

SOLID BEARING IS TO BE AS WIDE AS SUPPORTED MEMBER OR

NOTE: SOLID BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTED UNTEL/BEAM

SMOKE ALARM (REFER TO OBC 9.10.19)

CARBON MONOXIDE ALARM (OBC. 9.33.4.)

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

Where a fuel-burning appliance is installed in a dwelling unit, carbon monoxide detector conforming to can,/cca-6.19,csa 6.19 or ul2034 shall be installed adjacent to each sleeping area.

CARBON MONOXIDE DETECTOR(S) SHALL BE PERBANENTLY WIRED SO THAT ITS ACTIVATION WILL ACTIVATE ALL CARBON MONOXIDE DETECTORS AND BE EQUIPPED WITH AN ALARM THAT IS AUDIBLE WITHIN BEDROOMS WHEN THE INTERVENING DOORS ARE CLOSED.

SOIL GAS CONTROL (OBC 9.13.4.1 & 9.13.4.2)

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

PER SB12-3.1.1.12., A DRAIN WATER HEAT RECOVERY (DWHR) UNIT SHALL BE INSTALLED IN EACH DWELLING UNIT TO RECEIVE

DWELLING UNIT, DOES NOT APPLY IF THERE ARE NO SHOWERS O NO STOREY BENEATH ANY OF THE SHOWERS.

drain water from all showers or from at least t showers where there are two or more showers i

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MUST BE RETURNED AT THE COMPLETION OF THE WORK

ALL DRAWINGS TO BE USED FOR CONSTRUCTION ONLY

SB-12 COMPLIANCE PACKAGE 'A1'

The minimum thermal performance of building

REVISION:

ONT. REG. 332/12-2012 OBC

JAN. 01, 2020

and equipment shall confo

selected package unless otherwise noted.

TO BE USED FOR THIS MODEL

AFTER BUILDING PERMIT HAS BEEN ISSUED

IE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LAW

DRAIN WATER HEAT RECOVERY UNIT (DWHR)

Permit No. 21-1059 13

SOUD BEARING TO BE MINIMUM 2 PIECES.
THE NUMBER SHOWN AFTER "SB" REPRESENTS THE NUMBER OF

P.T. PRESSURE TREATED LUMBER

G.T. GIRDER TRUSS BY ROOF TRUSS MANUF

DUPLEX OUTLET (12" ABOVE SURFACE)

S.A. COMBINED SMOKE ALARM AND CARBON MONOXIDE DETECTOR/ALARM

EXHAUST FAN TO EXTERIOR

GFI DUPLEX OUTLET

HEAVY DUTY OUTLET (220 volt)

LIGHT FIXTURE (CEILING MOUNTED)

LIGHT FIXTURE (WALL MOUNTED)

HOSE BIB (NON-FREEZE)

TJ -- TRIPLE JOIST

LVL — LAMINATED VENEER LUMBER

OUPLEX OUTLET (HEIGHT A.F.F)

(S)

(4)

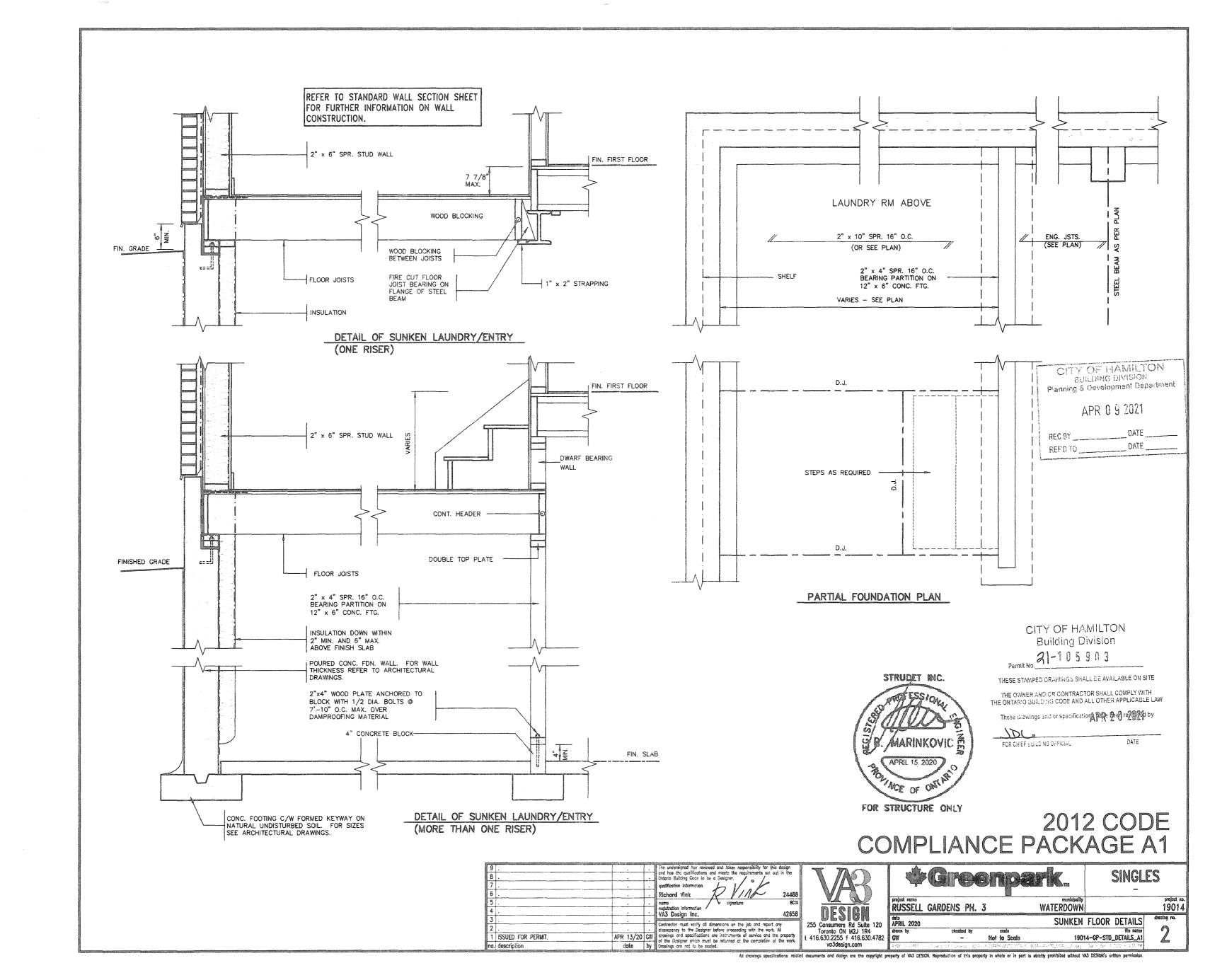
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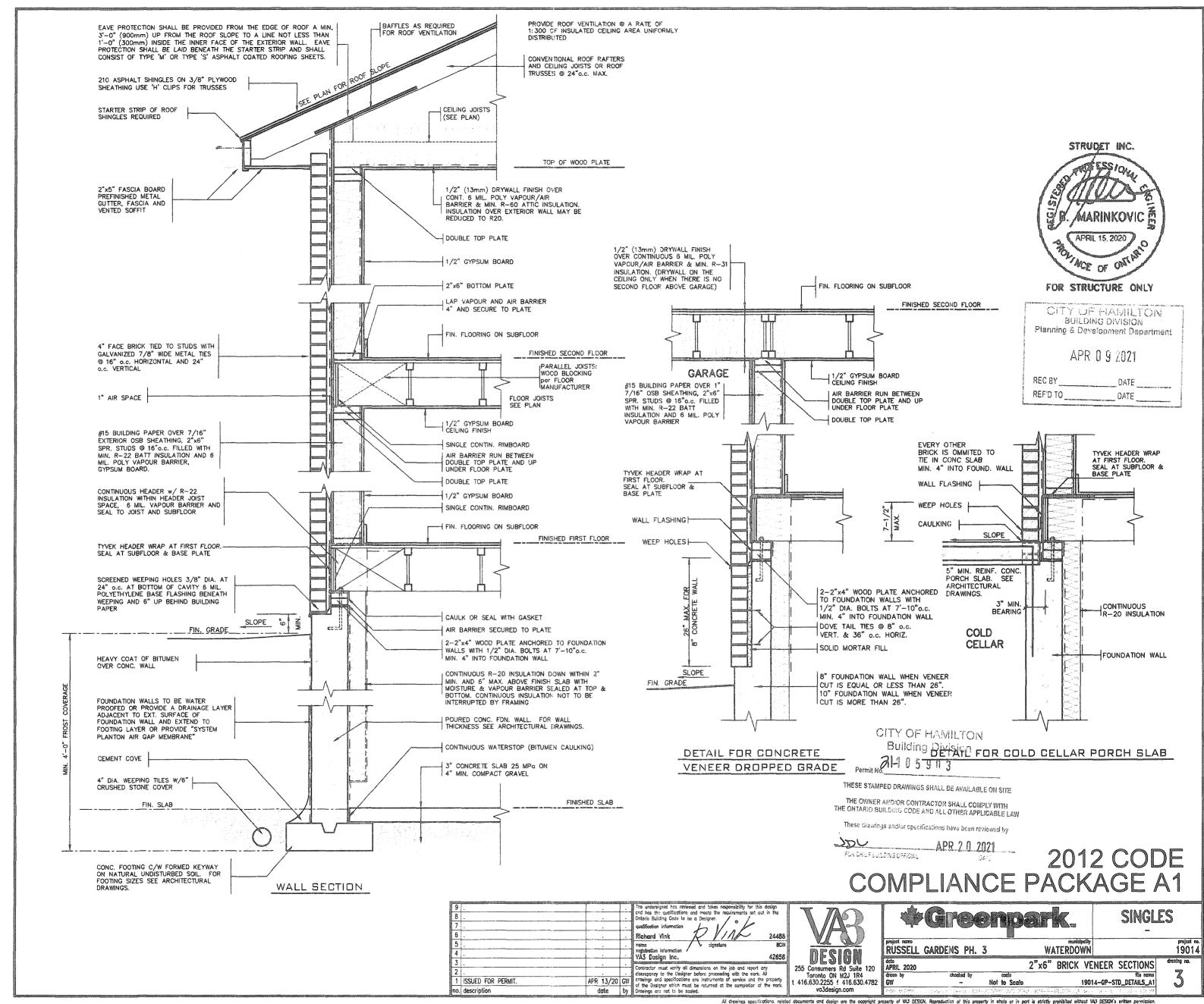
TYPICAL CONSTRUCTION NOTES

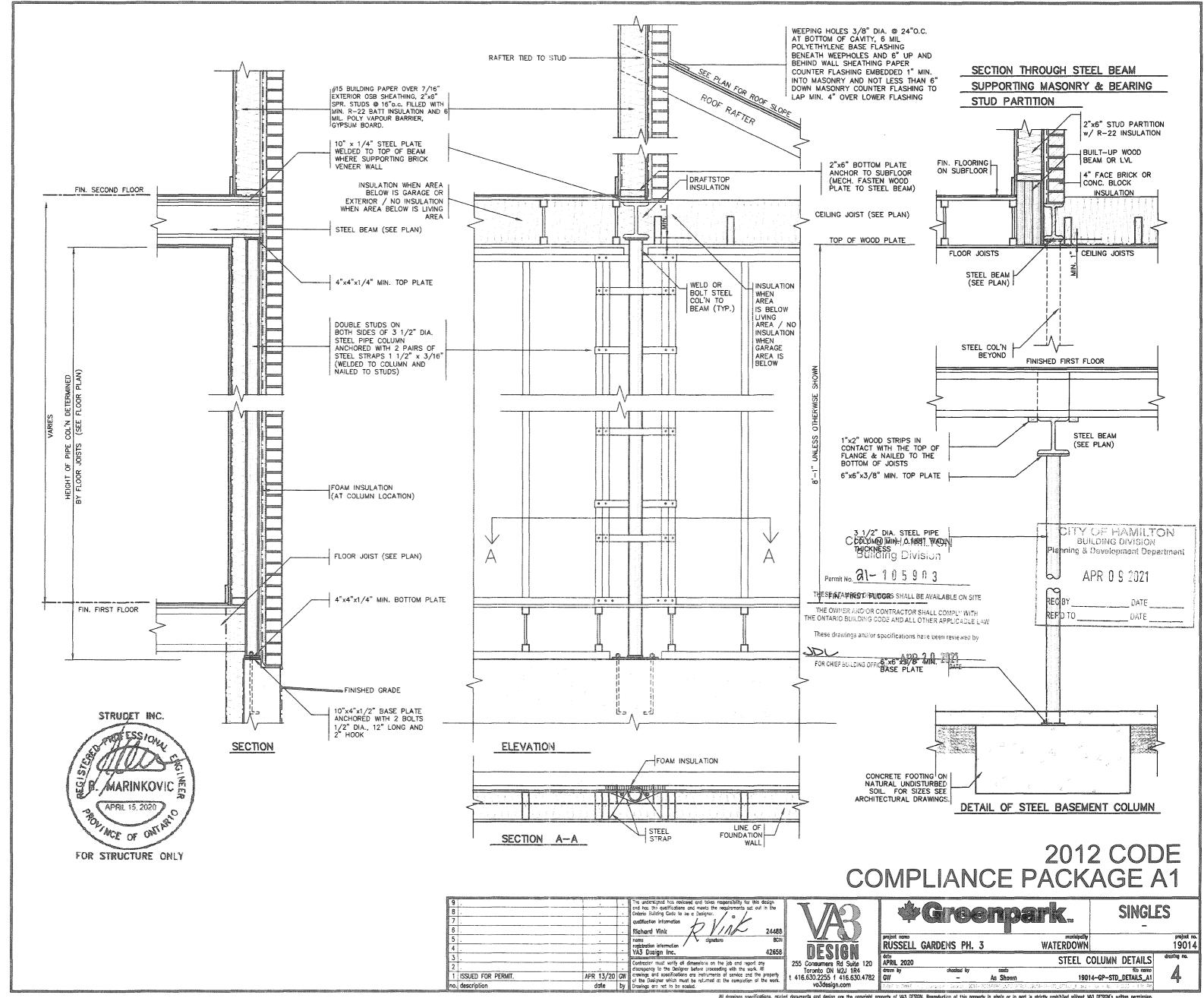
GW 3/16" = 1'-0" GP-14X18-NOTES-2020-VA3-PKG-A1-19014 CREC - H:\ARCHRE\WORKNC\2019\18014.CR;\CONSTR_NOTES & DETAILS\SWELES\EP-14x18-NOTES-2020-VA3-PAC-A1-19014.dng - Thu - Dec 3 2020 - 216 PH

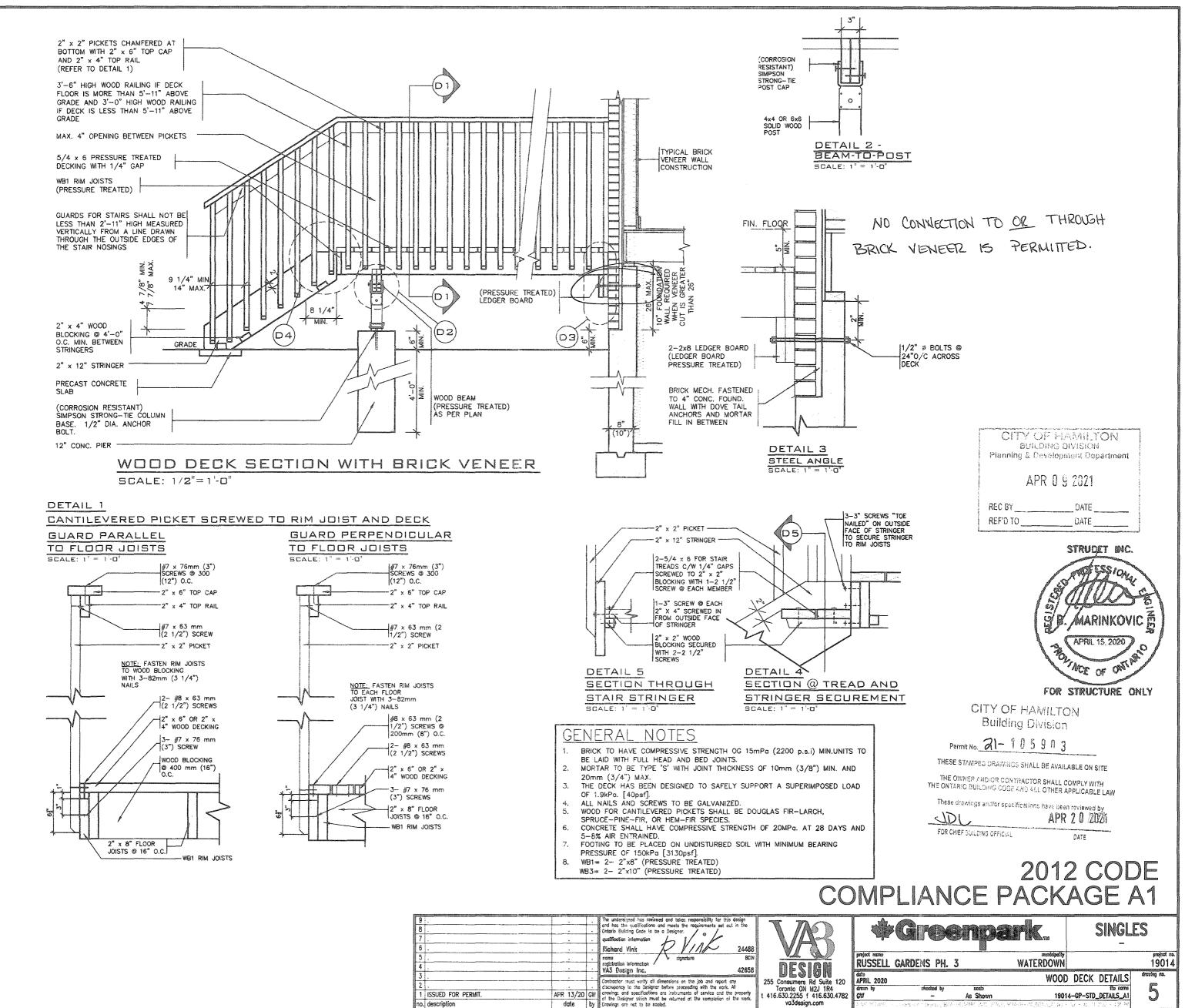
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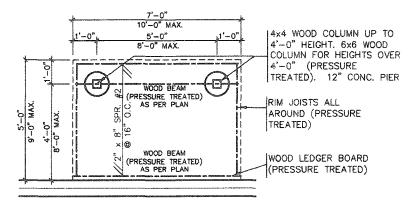
255 Consumers Rd Suite 120 t 416.630.2255 f 416.630.4782 APRIL 2020 GW





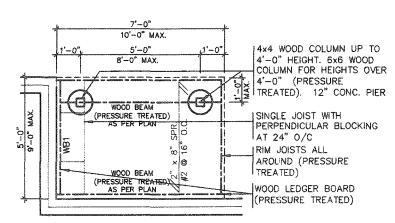






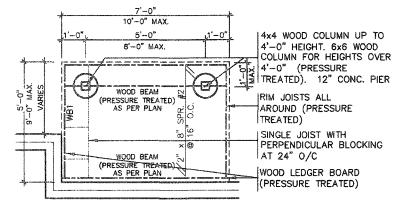
TYPICAL DECK LAYOUT

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



TYPICAL DECK LAYOUT

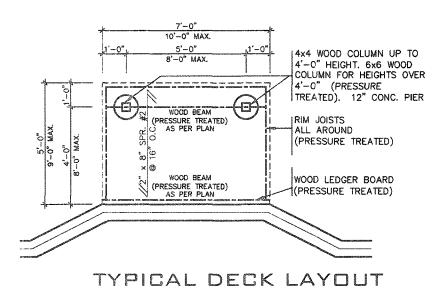
SCALE: 1/4"=1'-0"



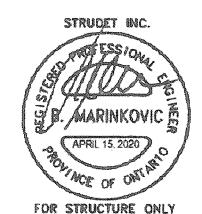
TYPICAL DECK LAYOUT

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

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



REF'D TO



DATE_

CITY OF HAMILTON
Building Division

Permit No. 21-105913

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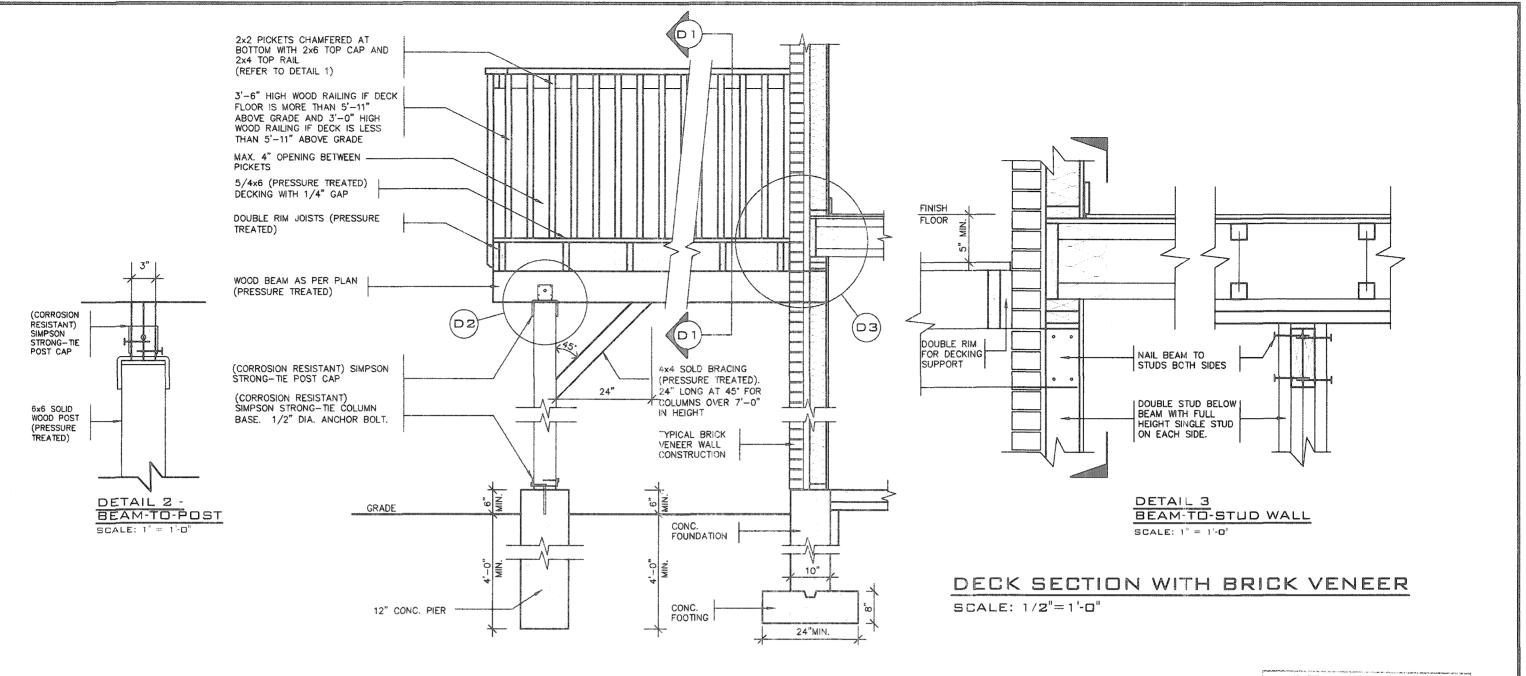
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FOR CHIEF BUILDING OFFICIAL

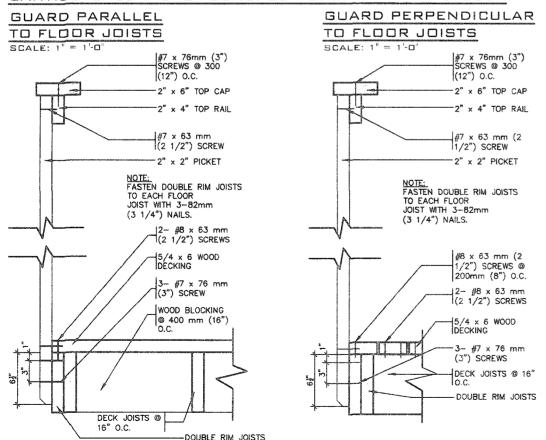
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	5 . 4 .			name signature BCIN registration information VA3 Design Inc. 42658	DESIGN	Project name RUSSELL	GARDENS PH. 3	3	WATERDOWN		project no 19014
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DETAIL 1 CANTILEVERED PICKET SCREWED TO RIM JOIST AND DECK



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GENERAL NOTES

- BRICK TO HAVE COMPRESSIVE STRENGTH OG 15mPo (2200 p.s.i) MIN.UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS. MORTAR TO BE TYPE 'S' WITH JOINT THICKNESS OF 10mm (3/8") MIN. AND
- THE DECK HAS BEEN DESIGNED TO SAFELY SUPPORT A SUPERIMPOSED LOAD OF 1.9kPa. [40psf].
 ALL NAILS AND SCREWS TO BE GALVANIZED.
- WOOD FOR CANTILEVERED PICKETS SHALL BE DOUGLAS FIR-LARCH, SPRUCE-PINE-FIR, OR HEM-FIR SPECIES.
 CONCRETE SHALL HAVE COMPRESSIVE STRENGTH OF 20MPa. AT 28 DAYS AND
- 5-8% AIR ENTRAINED
- FOOTING TO BE PLACED ON UNDISTURBED SOIL WITH MINIMUM BEARING
- PRESSURE OF 150kPo [3130psf]. WB1= 2- 2"x8" (PRESSURE TREATED) WB3= 2- 2"x10" (PRESSURE TREATED)

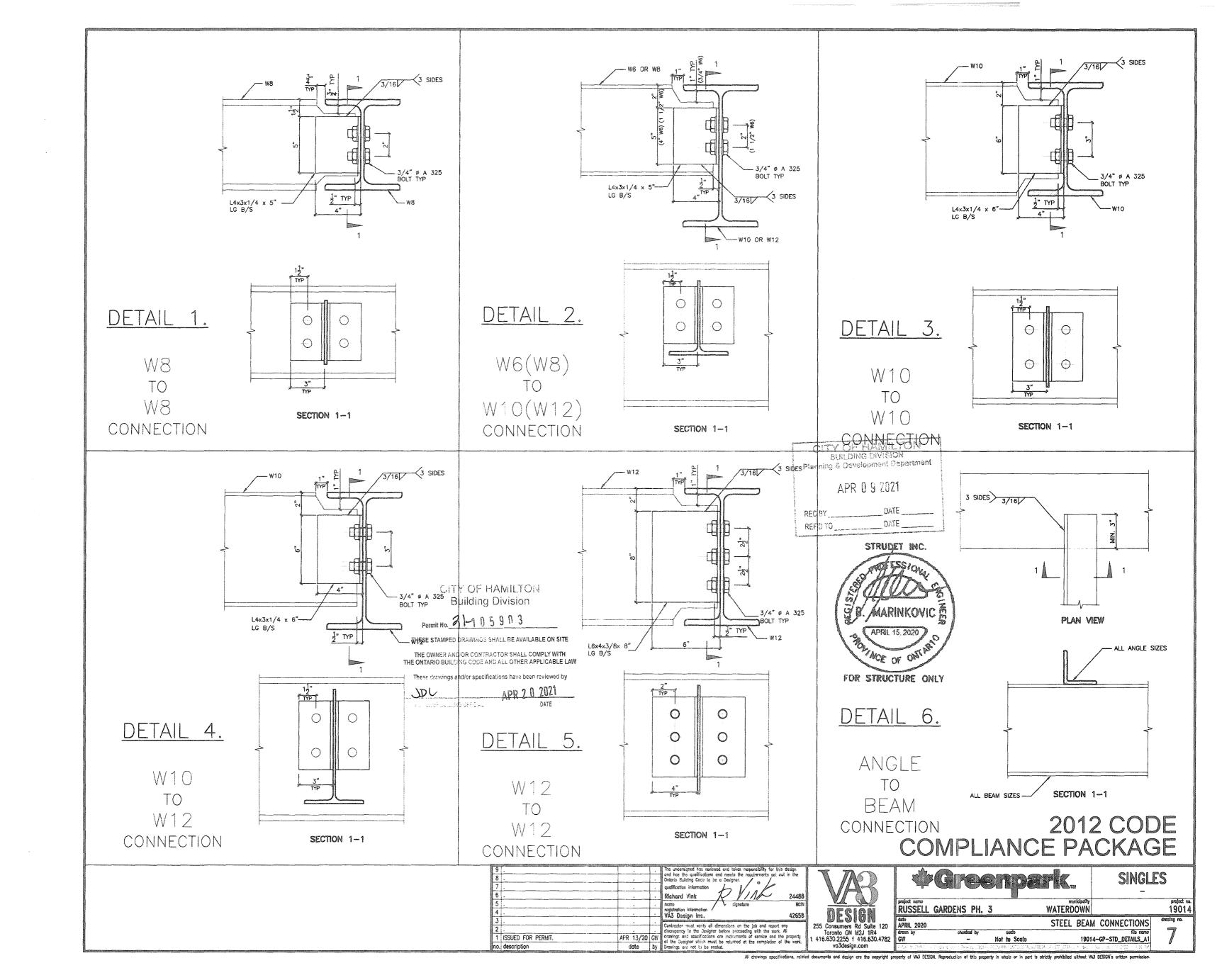
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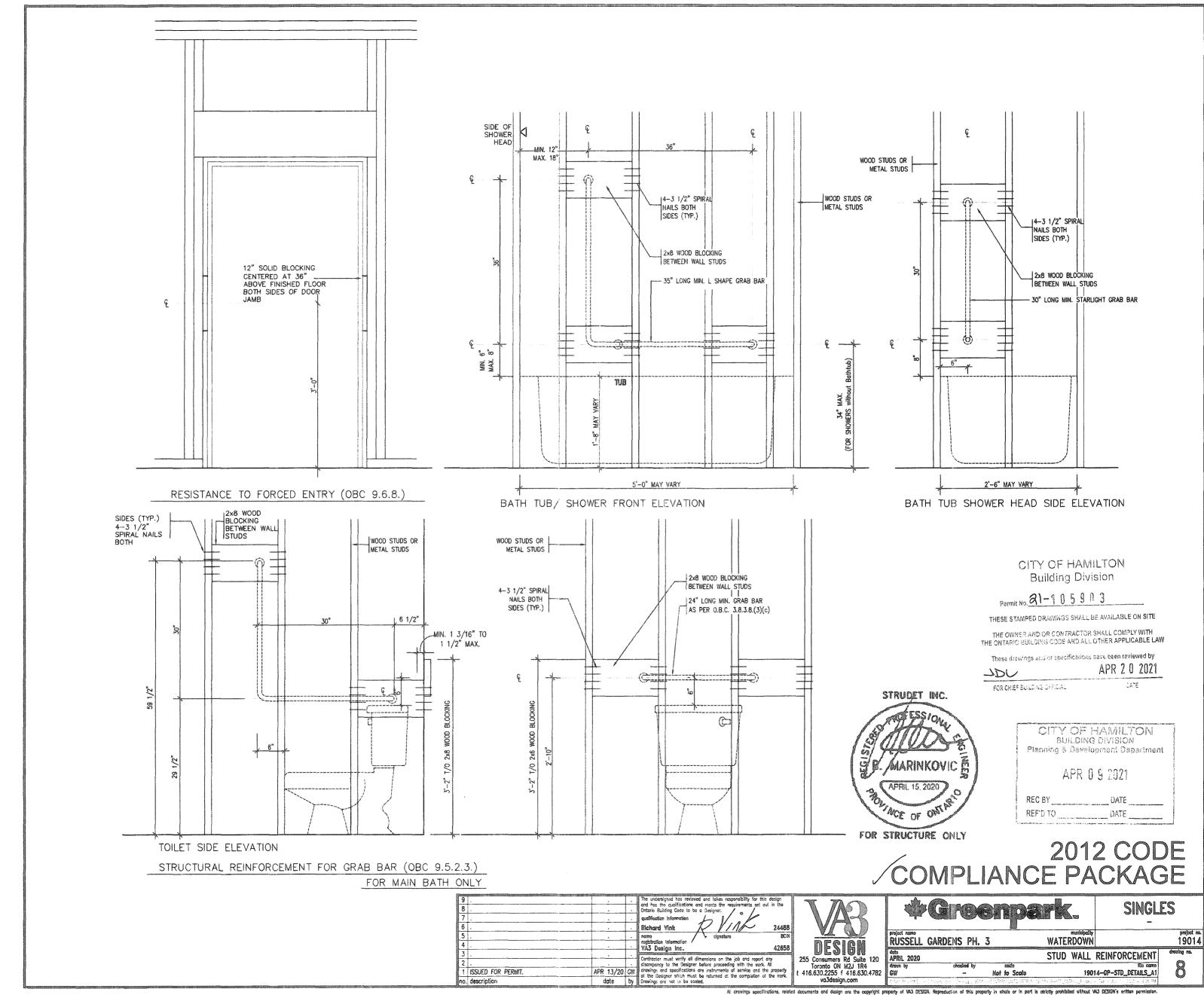
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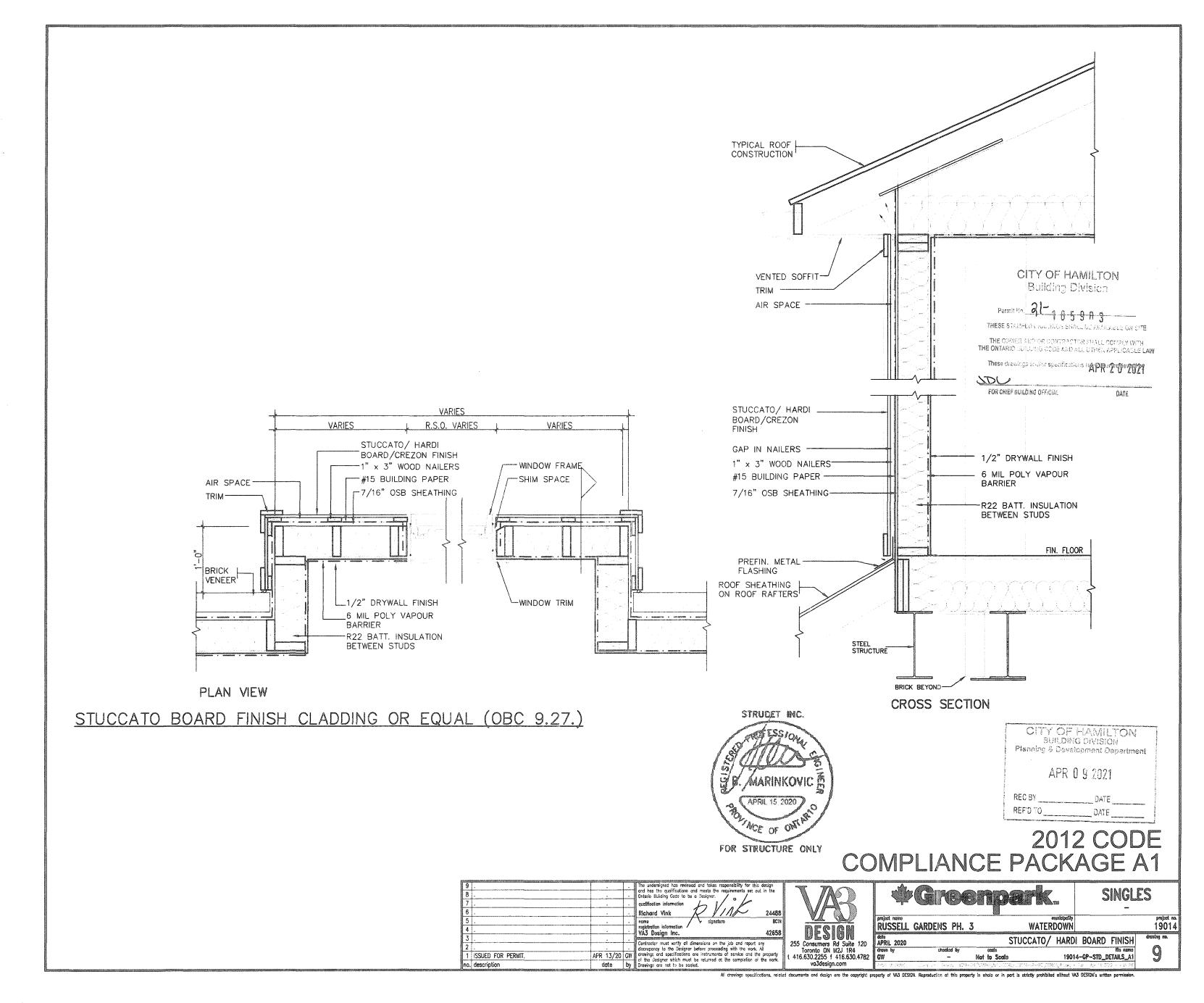
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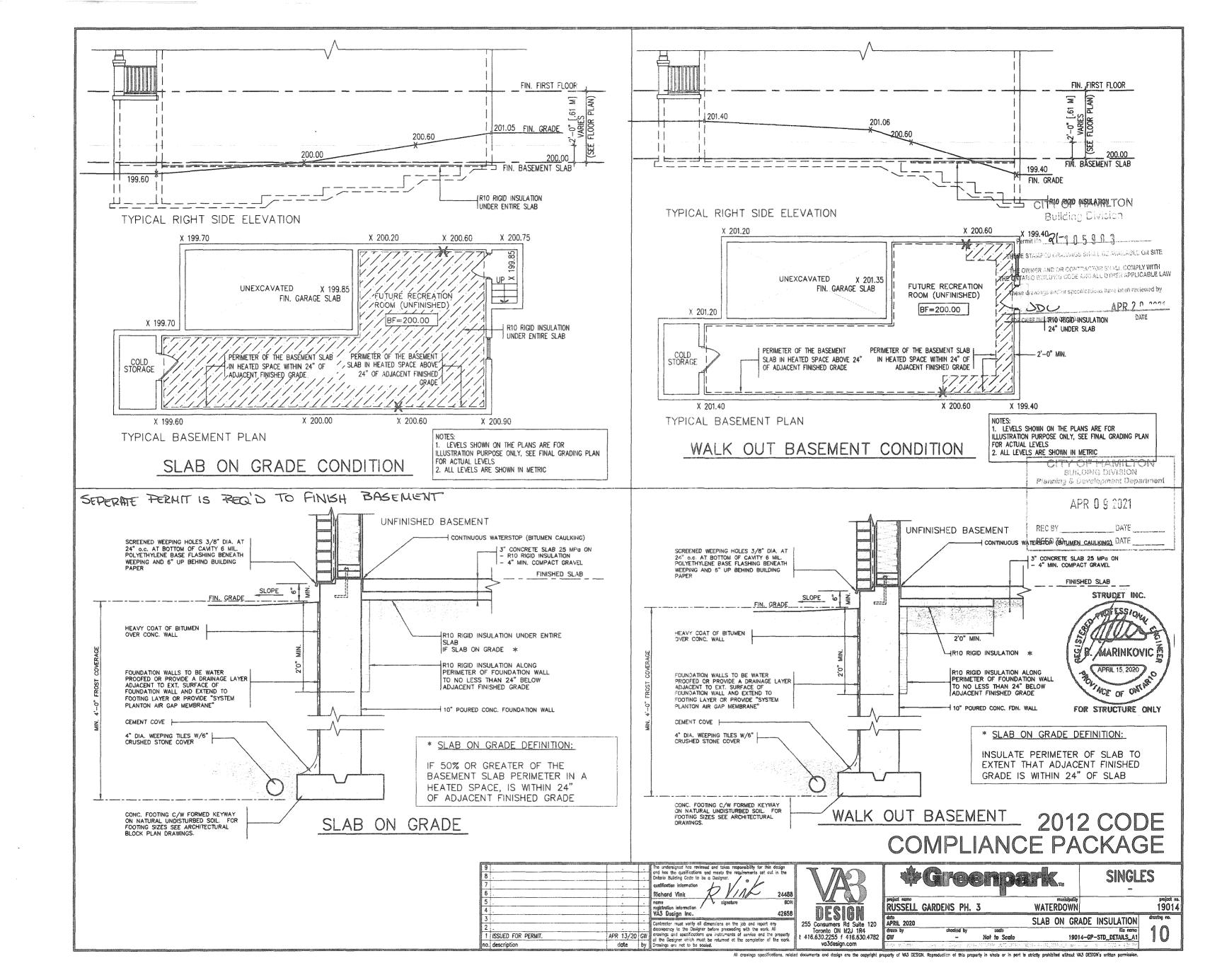
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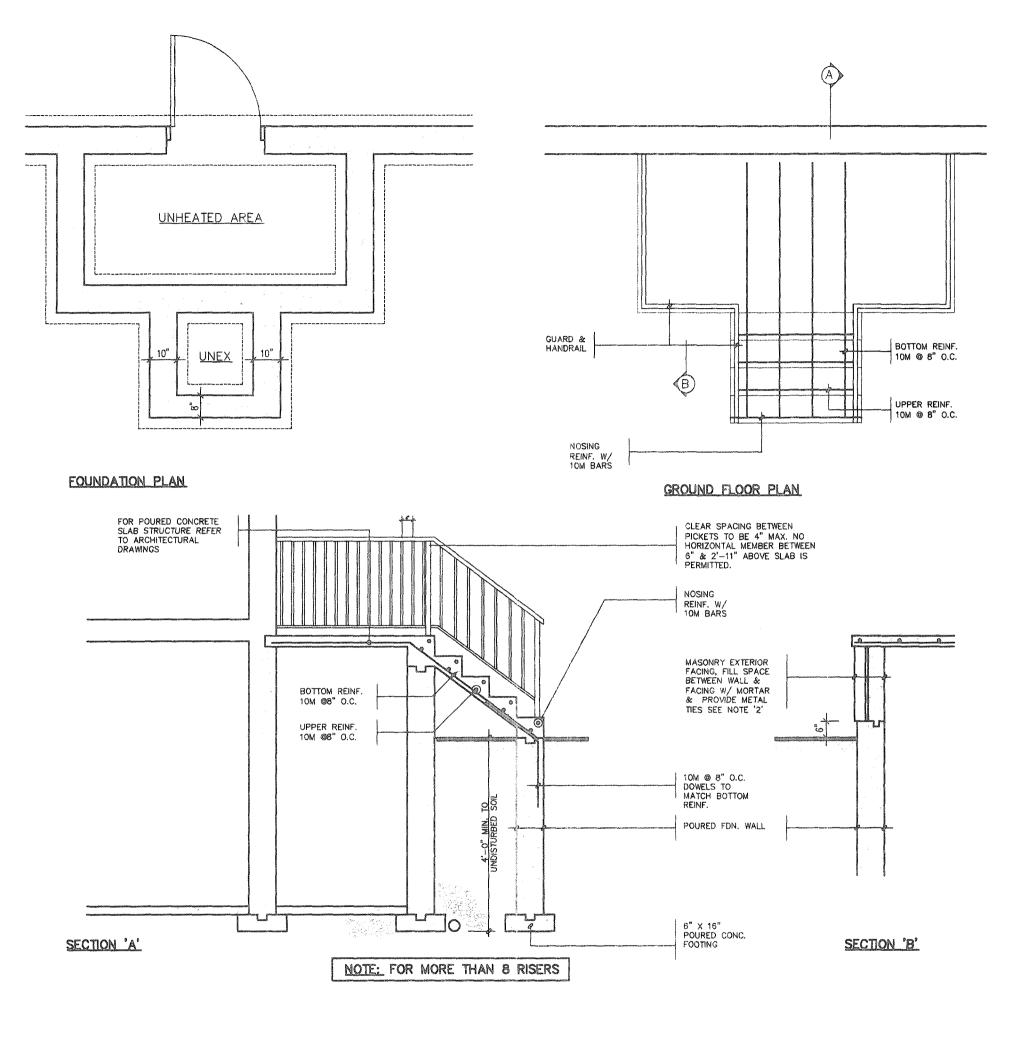
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GENERAL NOTES

1. EXTERIOR STAIRS

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

2. MASONRY TIES

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

3. GUARDS

ARE REQUIRED AROUND CONCRETE SLAB IF MORE THAN 2'-0" ABOVE GRADE & ON BOTH SIDES OF STAIRS CONTAINING MORE THAN 6 RISERS. MINIMUM 34" HIGH FOR STAIRS MINIMUM 36" HIGH FOR PORCHES UP TO 5'-11" ABOVE GRADE. MINIMUM 42" HIGH FOR GREATER HTS.

4. HANDRAIL

ARE REQUIRED WHERE STEPS HAVE MORE THAN 3 RISERS . HANDRAIL HEIGHT $34^{\prime\prime}-38^{\prime\prime}$.

5. FOUNDATION WALLS

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

6. CONCRETE

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

7. CONCRETE COVER

PROVIDE MINIMUM 3/4" CLEAR CONCRETE COVER TO REINFORCING GARS Y OF HAMILTON Building Division

Permit No. 21-1 0 5 9 1 3

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

These drawings under specifications have been reviewed by APR 2 0 2021

FOR CHIEF BUILDING OFFICIAL DATE

for Chief Building Official

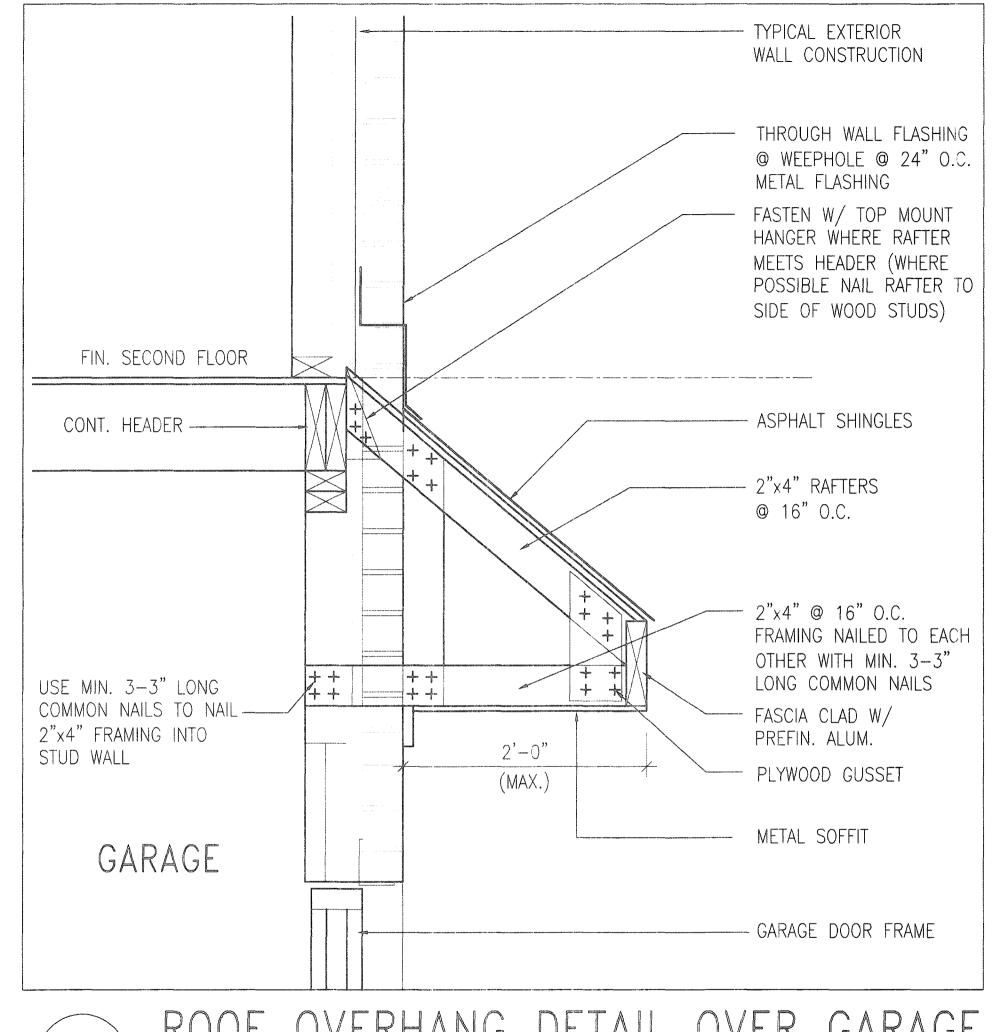


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no. description	date	by	Drawings are not to be scaled.	vo3design.com ted documents and design are the copyright	and the	Contract of the second			is strictly prohibited without VA	encontraction of the contraction	



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CITY OF HAMILTON

Building Division

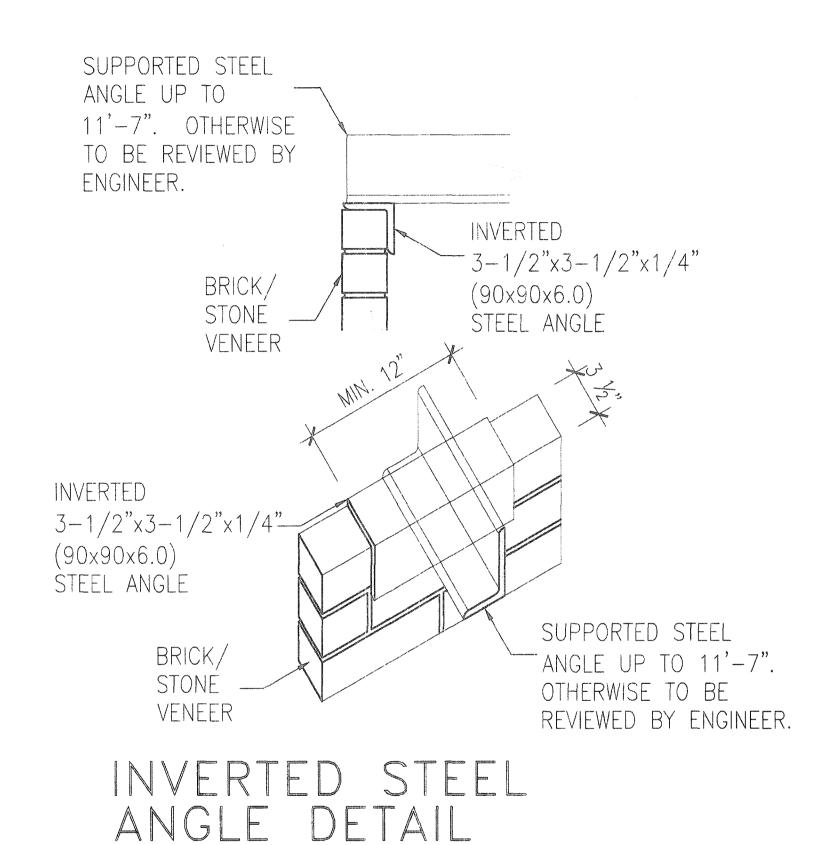
THE OWNER AND/OR CONTRACTOR SHALL COMPLY WITH THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LAW

Permit No. 21-105913

ROOF OVERHANG DETAIL OVER GARAGE

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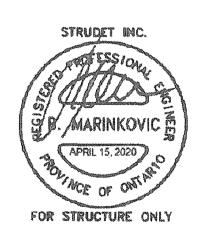


These drawings and/or specifications have been reviewed by

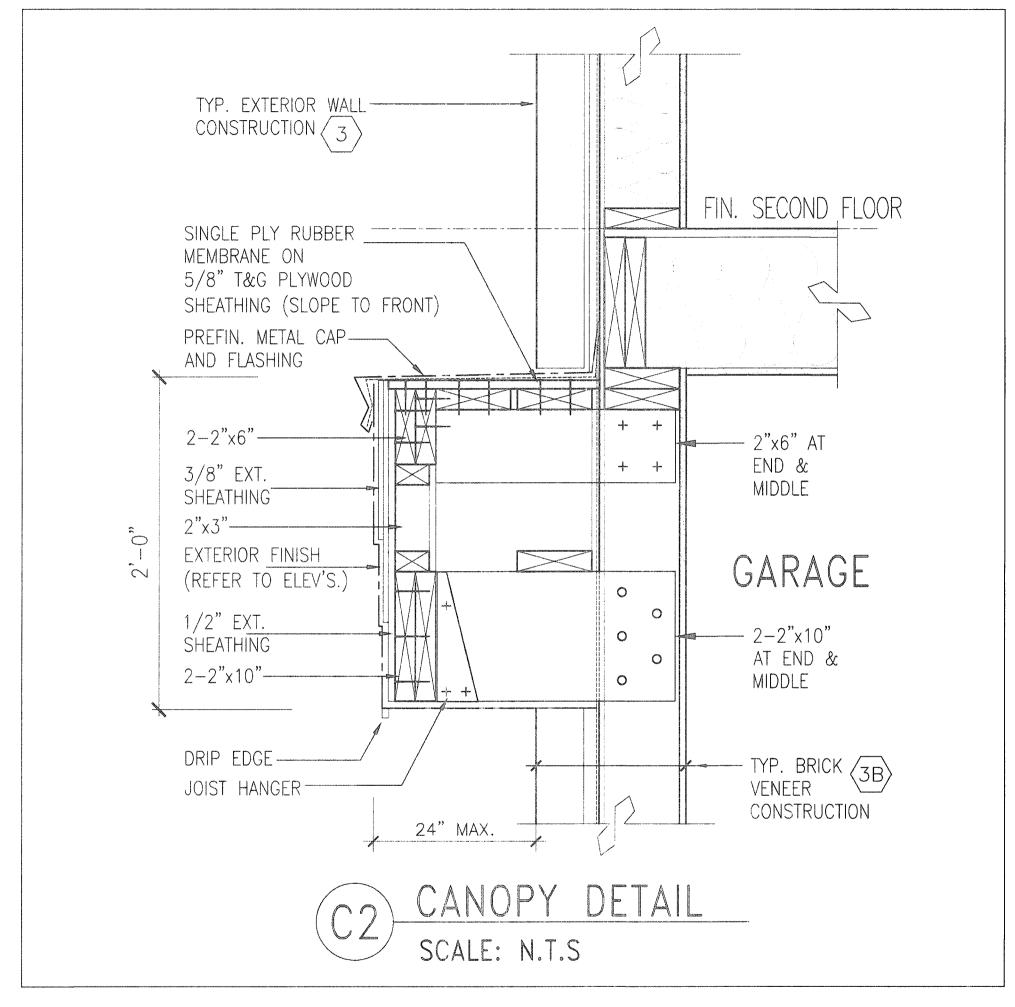
APR 2 0 2072 FOR CHIEF BUILDING OFFICIAL

CITY OF HAMILTON
BUILDING DIVISION
Planning & Development Department

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CIT. OF IMPELION Building Division

Permit No. 31 - 105913

THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

THE OWNER AND OR CONTS ACTOR SHALL COMPLY WITH THE ONTARIO SUILDING CODE AND ALL OTHER APPLICABLE LAW

These drawings circlest specifications have been reviewed by

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CITY OF HAMILTON
BUILDING DIVISION
Planning & Development Department APR 0 9 2021

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FOR STRUCTURE ONLY

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