1. ROOF CONSTRUCTION

NCJO (125 Incustrous)

NCJO (125 Incustrous)

SHEATHING WITH "H" CLIPS. APPROVED WOOD TRUSSES © 610mm (24")

O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND SOUTHM (3"-0")

FROM EDGE OF ROOF AND MIN. 300mm (12") BEYOND INNER FACE OF
EXTERIOR WALL, (EAVES PROTECTION NOT REQ") FOR ROOF SLOPES 8:12

OR GREATER) 38x89 (2"x4") TRUSS BRACING © 1830mm (6"-0") O.C.

AT BOTTOM CHORD. PREFIN. ALUM. EAVESTROUGH, FASCA, RIVL &
EXTERD COEFT, BROWNER (CE. M. WATER SUITED TO ALL BODG MAIL VENTED SOFFTT. PROVIDE ICE & WATER SHIELD TO ALL ROOF/WALL SURFACES SUSCEPTIBLE TO ICE DAMMING. ROOF SHEATHING TO BE FASTENED 150 (6") c/c ALONG EDGES & INTERMEDIATE SUPPORTS WHEN TRUSSES SPACED GRÉATER 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.)

2. SIDING AS PER ELEY, 19x38 (1°x2") (SB-12-JABLE J.1.1.2.A)
SIDING AS PER ELEY, 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.
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.
SERAME WALL CONSTRUCTION (2°x4")— CARAGE WALLS
SIDING AS PER ELEY, 19x38 (1'x2") VERTICAL WOOD FURRING, CONTIN.
SHEATHING MEMBRANE. 11mm (7/16") FXI. TYPE SHEATHING OR ORC. FRAME WALL CONSTRUCTION (2°x6") (SB-12-JABLE 3.1.1.2.A)

SHEATHING MEMBRANE, 11mm (7/16") EXT. TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT, 38x89 (2"x4") STUDS @ 408mm (16") O.C. (MAX. HEIGHT 3000mm (9'-10")), WITH APPR. DIAGONAL WALL BRACING. REFER TO NOTE 19 WHERE FLOOR ENGSTS ABOVE GARAGE. SIDING TO BE MIN. 200mm (8") ABOVE FINISH GRADE.

(2c) STUCCO WALL CONSTRUCTION (2°x6") (S8-12-TABLE 3.1.1.2.A)
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 DRAIMAGE TO THE EXT. AND APPLIED PER MANUFACTURERS 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") 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, CHPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION RECUIREMENTS.

STUCCO WALL CONSTRUCTION (2"x4") -GARAGE WALLS STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.27.1.1.(2) & 9.28 (2D) THAT EMPLOY A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS SPECIFICATIONS OVER 25mm (1") MIN. EXPANDED OR EXTRUDED RIGID POLYSTYRENE ON APPROVED AIR/MOISTURE BARRIER ON 38x89 (2"x4") STUDS @ 406 (16") O.C. (MAX. HEIGHT 3000mm (9'-10")), WITH APPR DIAGONAL WALL BRACING. REPER TO NOTE 19 WHERE FLOOR EXISTS

STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE.

WALLS ADJACENT TO ATTIC — NO CLADDING

11mm (7/16") DXT. 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 DRIVALL FINISH. MID—HEIGHT BLOCKIN
REQ'D. IF NO SHEATHING APPLIED. REFER TO OBC SB—12, CHAPTER 3
FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS. (2E.)

BRICK VENEER CONSTRUCTION (2°x8") (SB-12-TABLE 31.1.2.A) BRICK VENEER CONSTRUCTION (2"x8") (SB-12-TABLE 3.1.1.2.A)

9 SOmm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm

(7/6"x"x"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,
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 FINSH. PROVIDE WEEP HOLES
@ 600mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE
BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER, BRICK
TO BE MIN. 150mm (6") ABDVF FINISH GRADE. REFER TO OBC SB-12,
CHAPTER 3 FOR REQUIRED MINIMAUM THERMAL INSULATION REQUIREMENTS.
BRICK VENEER CONSTRUCTION (2"x6")—GARAGE WALLS 3.

BRICK VENEER CONSTRUCTION (2"x4")- GARAGE WALLS (3B) 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x7"x0.03") GALY, 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. (7/16*) EXTERIOR TYPE SHEATHING OR OBC COMPLANT EQUIVALENT, 3488 (2%*) STUDS @ 406mm (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°x6°) (SB-12-TABLE 3.1.1.2.A) (3C) THAT EMPLOYS A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS POSITIVE DRAINAGE TO THE EXTENDED AND APPLIED PER MANUFACTURES SPECIFICATIONS OVER 25mm (1") MIN. EXTRUDED OR EXPANDED RIGID POLYSTYRENE ON APPR. CONTIN. AIR/MOISTURE BARRIER ON 38A140 (2"x6") STUDS @ 406mm (16") O.C., RSI 3.87 (R22) BATT INSUL., APPR. 6 MIL. POLYETHYLENE VAPOUR BARRIER, 13mm (1/2") CYPSUM WALLBOARD INTERIOR FINISH. STUCCO TO SE MIN. 200 (8") ABOVE BINESH DETECT OR ORG. SE-12 CHE 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

INTERIOR. STOD PARTITIONS

4. FOR BEARING PARTITIONS 38x89 (2"x4") @ 408mm (16") O.C. FOR 2 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)) FOLINDATION 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 DRAWAGE LAYER. DRAWAGE LAYER
REQ'D. WHEN BASEMENT INSUL EXTENDS 900 (2'-11") BELOW FIN.
GRADE. DRAWGE LAYER IS NOT REQ'D. IF FOUNDATION WALL IS
WATERPROOFED. MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500×155
(20"58") CONTINUOUS KEYED CONC. FTG. BRACE FOTN. WALL PRIOR TO
BACKFILING. 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. 9.31.6.(1)(b). 9.16.4.5.(1). 9.25.3.3.(15) 80mm (3")MIN. 25MPa (3800psi) CONC. SLAB ON 100mm (4")
CORRSE GRANULAR FILL, OR 20MPa. (3000psi) CONC. WITH
DAMPPROOFING BELOW SLAB. UNDER SLAB INSULATION FER SB-12; 3.1.1.7.(5)(6) where required.
ALL SLAB JOINTS & PENETRATIONS TO BE SEALED TO MAINTAIN AIR

WOOD SUBFLOORS (SEE OBC. 9.23.14. & 9.30.2.1) **(8.)** -19mm (3/4") MIN. T & G SUBFLOOR UNDER GROUND FLOOR FINISH 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 UNDERLAYMENT UNDER RESILENT & PARQUET FLOORING.

9. ATTIC INSULATION (S8-12-TABLE 3.1.1.2.A) (S8-12-3.1.1.8)
RSI 10.56 (FRO) BLOWN IN PROPERTY INSULATION RSI 10.56 (R80) 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 OR LANDINGS — 10mm (1/2") MAX BETWEEN TALLEST & SHORTEST RISE IN FLIGHT 10. UNIFORM RISE

MAX. RISE = 200 (7-7/8") = 210 (8-1/4") = 235 (9-1/4") = 25 (1") = 1950 (6'-5") MAX. NOSING MIN. HEADROOM RAIL @ LANDING

= 1830 (8-3) = 900 (2'-11") = 865 (2'-10") to 965 (3'-2") MIN. STAIR WIDTH = 860 (2'-10") FOR CURVED STAIRS . RUN . AVG. RUN

HANDRAUS. — OBC. 9.8.7.—
FINISHED RAILING ON PICKETS SPACED MAXIMUM 100mm (4") BETWEEN
PICKETS. CLEARANCE BETWEEN HANDRAUL AND SURFACE BEHIND IT TO (11) BE 50 (2") MIN. HANDRAILS TO BE CONTINUOUS EXCEPT FOR NEWEL POST AT CHANGES OF DIRECTION .

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 12 SILL PLAIR AND TURKES.

12 SILL PLAIR AND TURKES.

12 SOM (8") LONG, EMBEDDED MIN. 100mm (4") INTO CONC.

2400mm (7"-10") O.C., CAULKING OR 25 (1") MIN. MINERAL WOOL BETWEEN PLAIR AND 10P OF FOTIN. WALL USE NON-SHRINK GROUT TO LEVEL SILL PLAIR WHEN REQUIRED.

BASEMENT INSULATION (SB-12-3.1.1.7), 9.25.2.3, 9.13.2.6) BASEMENT INSULATION (SB-12-3.1.1.1), 9.23.2.3.2.1.3.2.9.2

FOUNDATION WALLS ENCLOSING HEARED 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 3.52ci (R20ci) 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. AR BASEDED TO BE SEALET TO FOUNDATION WALL WITH CAULKING. RIER TO BE SEALED TO FOUNDATION WALL WITH CAULK CONTINUOUS INSULATION (ci) IS NOT TO BE INTERRUPTED BY FRAMING

BASEMENT BEARING STUD PARTITION 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") INTO CONC. ⊗ 2400mm (7"-10") O.C. 100mm (4") HIGH CONC. CURB (14.) ON 305x155 (12°x6°) CONC. FOOTING. ADD HORIZ. BLOCKING AT MID-HEIGHT IF WALL IS UNFINISHED.

(15) SIEEL BASEMENT COLUMN (SEE O.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.

90mm(3-1/2") DIA x 4.78mm(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 2-12min Oik 3 Journal Love Southin House Archous:
(2-1/2*x12*x2*). The column to Stud Wall With 2-32-3-175
(1 1/4*x 1/8*) Steel Strap Welded to column and Fastered TY OF HA
TO STUD WITH 2-SDS 6.35x38 (1/4*x1 1/2*) SCREWS MARNET.

BUILDING D
BY SIMPSON STRONG TIE. BUILDING DI

CONCRETE PILASTER (16) BEAM POCKET OR 200x200 (8"x8") POURED CONC. NIB WALLS.
MIN. BEARING 90mm (3-1/2")

 $\begin{array}{c} 19x38 \ (1"x2") \ \text{continuous wood strapping both sides of steel beam.} \ (0BC, \ 9.23.4.3.(3c)) \end{array}$

GARAGE SLAB (18.) 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 & CELLINGS (SB-12-TABLE 31.1.2.A)
13mm (1/2") GYPSUM BOARD ON WALL AND CELLING BETWEEN
HOUSE AND GARAGE, RSI 3.87 (R22) IN WALLS, RSI 5.46 (R31)
IN CELLING, TAPE AND SEL ALL J. GOINTS ARTICHT PER O.B.C.
9.10.9.16, REFER TO SB-12, TABLE 3.1.1.2.A. FOR REQUIRED THERMAL INSULATION.

20) DOOR AND FRAME CASPROOFED. 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. TREAD 250mm (9-27/32°). SEE OBC. 9.8.9.2., 9.8.9.3. & 9.8.10.

(22) DRYER VENT(OBC-8.2.3.8.(7). & 6.2.4.1.1)
CAPPED DRYER EXHAUST VENTED TO EXTERIOR.
(USE 100mm (4") DIA SMOOTH WALL VENT PIPE).

(23) INSULATED ATTIC ACCESS (OBC-9.19.2.1, & 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) 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.

25) 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 PARTYWALL, ANCHORED WITH 2-19rnm
(3/4") x 200mm (8") LONG GALV. ANCHORS WITHIN SOLID BLOCK
COURSE. LEVEL WITH NON-SHRINK GROUT.

SOLID WOOD BEARING FOR WOOD STUD WALLS SOUD 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.)
3-38x140 (3-2"x6") BUILT-UP-POST ON METAL BASE SHOE
ANCHORED TO CONC. WITH 12.7 DIA BOLT, 406x405x203
(16"x16"x8") CONC. FTG. OR AS OTHERWISE SPECIFIED ON DRAWING.

STEPPED FOOTINGS (OBC 9.15.3.9.) (30.) MIN. HORIZ. STEP = 600mm (24").
MAX. VERT. STEP = 600mm (24").

LOOSE STEEL LINTELS

SLAB ON GRADE
MIN. 100mm (4") CONCRETE SLAB ON GRADE ON 100mm (4")
COARSE GRANULAR FILL. REINFORCED WITH 6x6-W2.9xW2.9 MESH
PLACED NEAR MID-DEPTH OF SLAB. CONC. STRENGTH 32 MPd
(A640 no) MINDLE 83" AND ENTRANCED ON COMPA (4640 ps) WiTH 5-8% AIR ENTRAINMENT ON COMPACTED SUB-GRADE. UNDER SLAB INSULATION AS PER OBC. 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.

LOOSE STEEL LUMBES

L1 = 3-1/2" x 3-1/2" x 1/4"L (90x90x6.0L)

L2 = 4" x 3-1/2" x 5/16"L (100x90x8.0L)

L3 = 5" x 3-1/2" x 5/16"L (125x90x8.0L)

L4 = 6" x 3-1/2" x 3/8"L (150x90x10.0L)

L5 = 6" x 4" x 3/8"L (150x100x10.0L)

L6 = 7" x 4" x 3/8"L (180x100x10.0L) PAD FOOTINGS | 120 MPA NATIVE SOIL | 90 KPA ENGINEERED FILL SOIL | 120 MPA NATIVE SOIL | 90 KPA ENGINEERED FILL SOIL | 170 MPA | LAMINATED VENEER LIMBER (LML) BEAMS =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) =4-1 3/4°x7 1/4° =1-1 3/4°x9 1/4° (REFER TO FLOOR PLAN FOR UNUSUAL SIZE PADS NOT ON CHART.) DOOR SCHEDULE =2-1 3/4"x9 1/4" (2-45x235) =3-1 3/4"x9 1/4" (3-45x235) IOS. WIDTH HEIGHT HEIGHT 10' OR MORE CEILING CEILING =4-1 3/4"x9 1/4" (4-45x235 =1-1 3/4"x11 7/8" (1-45x30 INSULATED ENTRANCE DOOR
INSULATED FRONT DOORS
WOOD & GLASS DOOR
EXTERIOR SLAB DOOR
INTERIOR SLAB DOOR =1-1 3/4 x11 7/8 (1-45x300) =2-1 3/4 x11 7/8" (2-45x300) =3-1 3/4 x11 7/8" (3-45x300) =4-1 3/4 x11 7/8" (4-45x300) =2-1 3/4 x14" (2-45x356)

LVL9 =3-1 3/4"x14" BRICK VENEER LINTELS WOOD LINTELS AND SEAMS WL1 =3-1/2" x 3-1/2" x 1/4"L (89x89x6.4L) WL2 =4" x 3-1/2" x 5/16"L (102x89x7.9L) WL3 =5" x 3-1/2" x 5/16"L (127x89x7.9L) WL4 =6" x 3-1/2" x 7/16"L (152x89x11.0L) 2-2"x8" SPR. No.2 2-2"x8" SPR. No.2 2-2"x10" SPR. No.2 WB1 =2-2"x8" (2-38x184) SPR. No.2 WB2 =3-2"x8" (3-38x184) SPR. No.2 =2-2"x10" (2-38x235) SPR. No.2 =3-2"x10" (3-38x235) SPR. No.2 2-2"x12" SPR. No.2 WL4 =6 \times 3-1/2 \times 1/16 \cup (152x89x1.0). WL5 =6 \times 4 \times 7/16 \cup (152x102x11.0). WL6 =5 \times 3-1/2 \times 5/16 \cup (127x89x7.9). WL7 =5 \times 3-1/2 \times 5/16 \cup (127x89x7.9). WL8 =5 \times 3-1/2 \times 5/16 \cup (127x89x7.9). WL9 =6 \times 4 \times 7/16 \cup (152x102x11.0). 2-2'x12' SPR. No.2 2-2"x12" SPR. No.2 2-2"x12" SPR. No.2 3-2"x12" SPR. No.2 3-2"x10" SPR. No.2 3-2"x10" SPR. No.2 WB12 =4-2"x12" (4-38x286) SPR. No.2

> b Vink nolipersolni noitoalillos ichard Vink 42658 DEC 03/20 G AUG 24/20 GW
> APR. 13/20 GW
> dozeponcy to the Designer bef
> drawings and specifications are
> of the Designer which must be
> Drawings are not to be scaled. sions on the job and report any re proceeding with the work. All

DIRECT VENTING GAS FURNACE VENT

DIRECT VENT FURNACE TERMINAL MIN. 900mm (36") FROM A GAS
REGULATOR. MIN. 300mm (12") ABOVE FIN. GRADE, FROM ALL OPENINGS,
EXMAUST AND INTAKE VENTS. HRV INTAKE TO BE A MIN. OF 1830mm

(6"-0") FROM ALL EXHAUST TERMINALS. REFER TO GAS UTILIZATION
CODE. ALL AR INTAKES SHALL BE LOCATED SO THAT THEY ARE

TO SHALL BE CHARLEST BY 30M IN COMPILIANCE WITH O B.C. TED FROM KITCHEN EXHAUST BY 3.0M IN COMPLIANCE WITH O.B.C.

JIRECT VENTING GAS FIREPLACE VENT
DIRECT VENT GAS FIREPLACE VENT TO BE A MINIMUM 300mm
FROM ANY OPENING AND ABOVE FIN. GRADE. REFER TO GAS
UTILIZATION CODE. JOIST STRAPPING AND BRIDGING (SEE OBC. 9.23.9.4) 34.

16mm (5/8") T & G SUBPLOOR 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 9.30.2.°)
FLOOR JOISTS WITH SPANS OVER 2100mm (6'-11") TO BE BRIDGED WITH 35x38 (2")2") CROSS BRACING OR SOLID BLOCKING © 2100mm (6'-11") TO BE BRIDGED WITH 35x38 (2")2") CROSS BRACING OR SOLID BLOCKING © 2100mm (6'-11") O.C. MAX. AND WHERE SPECIFIED BY JOIST TABLES A-1 OR PING SHALL BE 19x64 (1"x3") @ 2100mm (6'-11") O.C INLESS A PANEL TYPE CEILING FINISH IS APPLIED. (* SEE OBC

SEXPOSED 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.)

(36.) FOR MAX. 2500 mm (8'-2") PORCH DEPTH (SHORTEST DIM.), 125mm (4 7/8") 32MP0 (4640ps) CONC. SLAB WITH 5-8% AIR ENTRANMENT. 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") O.C., ANCHORED IN PERIMETER FORM. WALLS. SLOPE SLAB MIN.
1.0% FROM DOOR. SLAB TO HAVE MIN 75mm (3") BEARING ON FOTN.
WALLS. PROVIDE (L1) LINTELS OVER CELLAR DOOR AND WITH 100mm (4")
END BEARING.

BRICK CHECK

DIV.-B TABLE 6.2.3.12..

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 300mm (36") O.C. HORIZONTALLY, FILL SPACE BETWEEN WALL AND FACING SOLID WITH MORTAR.

(38.) CGNVENTIGNAL RODE FRAMING (2.0Kpg. SNOW LOAD)
38.140 (2°x8°) RAFTEPS & ACC. 28x140 (2°x6°) RAFTERS @ 408mm (16°0.C.) FOR MAX 11'-7° SPAN, 38x140 (2°x6°) RIDGE 80ARD. 35x89 (2°x4°) COLLAR TIES AT MIDSPANS. CEILING JOISTS TO BE 38x89 (2°x4°) ⊕ 408mm (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 (2-2"x6") SPR.#2 CONTIN. STUDS @ 305mm (12") O.C. (TRIPLE UP AT EVERY THIRD 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 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 ● 408 (16") O.C. WITH COMMUNOUS 2-38x140 (2-2"x6")TOP PLATES + 1-35x140 (1-2"x6") BOTTOM PLATE & MINIMUM OF 3-38x184 (3-2"x8") COMT. HEADER AT GRIND. 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 SOFFIT.

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

EXTERIOR WALLS FOR WALK-GUT CONDITIONS HE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 406mm (16") o.c. OR 38x89 (2"x4") STUDS @

WINDOWS:

MINIMUM BEDROOM WINDOW -OBC, 9.9.10.1AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR IS TO HAVE MIN. ICTED GLAZED OR OPENABLE AREA WITH MIN. CLEAR

WIDTH OF 380 mm (1'-3').
WINDOW GUAROS —ORC. 9.8.8.1.(6)
A GUARO IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS LOCATED LESS THAN 460mm (1'-7") ABOVE FIN. FLOOR AND THE DISTANCE FI 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 EXTENDR WINDOWS TO COMPLY WITH REQUIREMENTS STATED IN
O.B.C.-DW. 8-9.71.7. & S812-3.1.1.9.

) EXTERIOR DOORS— THERMAL RESISTANCE
ALL EXTERIOR DOORS TO COMPLY WITH THERMAL RESISTANCE AS STATED IN

ALL EXTERIOR SLIDING GLASS DOORS TO COMPLY WIT PERFORMANCE AS STATED IN O.B.C. SE-12-3.1.1.9. GENERAL: MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.3 AIR CHANGES PER HOUR AVERAGED OVER 24 HOURS. SEE MECHANICAL DRAWINGS.

EXTERIOR SLIDING GLASS DOORS THERMAL RESISTANCE
ALL EXTERIOR SLIDING GLASS DOORS TO COURTLY WITH THERMAL

ALL DOWNSPOUTS TO DRAIN AWAY FROM THE BUILDING AS PER OBC

SUD WALL REMFORCEMENT FOR FUTURE GRAB BARS IN MAIN BATHROOM REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATE CLOSETS AND SHOWER OR BATHRUB IN MAIN BATHROOM, REFER TO GBC.

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) AIR BARRIERS ALL AIR BARRIER SYSTEMS TO COMPLY WITH O.B.C.-DIV. B, 9.25.3.

OUTDOOR AIR INTAKE
ALL OUTDOOR AIR INTAKES SHALL BE LOCATED SO THAT THEY ARE
SEPARATED FROM SOURCES OF CONTAMINATION (CHARUST VENTS) IN
COMPLIANCE WITH O.B.C. DIV.-B 6.2.3.12. AND TABLE 6.2.3.12.

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

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

LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE NO.2 GRADE

PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.

ALL LAMINATED VENEER LUMBER (LV.L.) BEAMS, GRODER TRUSSES, AND

METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGN

& CERTIFIED BY ROOF TRUSS MANUF.

LLA BEAMS SHALL BE: 2.0E-2950Fb MIN... NAIL EACH PLY OF LM. WITH

89mm (3 1/2") LONG COMMON WITE NAILS © 300mm (12") 0.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 FA

PLY MEMBERS ADD 13mm (1/2") DIA. GALV. BOLTS BOLTED AT MID-DEPTH OF BEAM @ 915mm (3'-0") O.C. PROVIDE TOP MOUNT BEAM MANGERS TYPE "SCL" MANUFACTURED BY SIMPSON STRONG-TIE OR EQUAL FOR ALL LVL BEAM TO BEAM CONNECTIONS UNLESS NOTED OTHERWISE.

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 (4516s.) ROLL ROOFING OR OTHER DAMPPRODFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 150mm (6") ABOVE THE GROUND.

) STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-G40.21 GRADE 350W. "STRUCTURAL QUALITY". PER OSC. 8-9.23.4.3.

P) REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R. STUCCO:

ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSTIVE DRAWAGE TO THE EXTERIOR. THE EXTERIOR SHEATHING MUST NOT BE CHYPSUM BASED. ALL STUCCO TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS.

THE MINIMAL THERMAL PERFORMANCE OF BUILDING ENVELOPE AND EQUIPMENT SHALL CONFORM TO THE FOLLOWING SB-12 COMPLIANCE PACKAGE AS PER OBC SUPPLEMENTARY STANDARD SB-12. SECTION 3.1.1.1.

USE SB-12 COMPLIANCE PACKAGE (A1): COMPONENT A1 Notes Ceiling with Attic Space R20 at inner face Minimum RSI (R) value 5.46 BATT or SPRAY Jelling Without Attic Spi Minimum RSI (R) value BATT or SPRAY Minimum RSI (R) value Walls Above Grade 6" R22 BATT dinimum RSI (R) value OPTION TO USE R12+R10ci. dinimum RSI (R) value RIGID INSUL ≤600mm below grade Minimum RSI (R) value Windows & Sliding glas 1.6U (0.28) Maximum U-value Skylights Varioum U-valur Space Heating Equipm Minimum AFUE 96% Min. NATURAL GAS Hot Water Heate NATURAL GAS imum EF (0.8) 75% linimum Efficien Dependent on number of showers installed. Refer to SB12-3.1.1.12 for information

ci- Denotes Continuous Insulation without framing interruption.

LEGEND

⊖=

⊕-%

--63--

S EXHAUST FAN TO EXTERIOR CLASS 'B' VENT OUPLEX CUTLET (HEIGHT A.F.F) DUPLEX OUTLET (12" ABOVE SURFACE)

GFI DUPLEX OUTLET WEATHERPROOF DUPLEX OUTLET HEAVY DUTY OUTLET (220 volt) POT LIGHT **(1)** CO LIGHT FIXTURE (PULL CHAIN)

ф LIGHT FIXTURE (CEILING MOUNTED) - LIGHT FIXTURE (WALL MOUNTED) HOSE BIB
(NON-FREEZE)

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

DJ --- DOUBLE JOIST TJ --- TRIPLE JOIST SJ --- SINGLE JOIST LVL -- LAMINATED VENEER LUMBER

SWITCH

OFLOOR DRAIN

P.T. PRESSURE TREATED LUMBER

GIRDER TRUSS BY ROOF TRUSS MANUF.

I FLAT ARCH ICA 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 AS DIRECTED BY STRUCTURAL ENGINEER. SOLID BEARING TO BE MINIMUM 2 PIECES. THE NUMBER SHOWN AFTER "SB" REPRESENTS T PLIES REQUIRED. EXAMPLE SB3 = 3 PLY SOLID

SOLID WOOD BEARING TO MATCH FROM ABOVE

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

SMOKE ALARM (REFER TO OBC 9.10.19) PROVIDE 1 PER FLOOR, NEAR THE STARS CONNECTING THE FLOOR LEVEL AND ALSO 1 IN EACH BEDROOM NEAR HALL DOOR, ALARMS TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND INTERCONNECTED TO ACTIVATE ALL ALARMS IF 1 SOUNDS, BATTERY BACK—UP REQUIRED, SMOKE ALARMS TO INCORPORATE VISUAL SIGNALLING COMPONENT.

CARBON MONOXIDE ALARM (ORC 9.33.4.)

WHERE A FUEL-BURNING APPLIANCE IS INSTALLED IN A DWELLING UNIT, A

CARBON MONOXIDE DETECTOR CONFORMING TO CAM, /CGA-6.19,CSA 6.19

OR UL2034 SHALL BE INSTALLED ADJACENT TO EACH SLEEPING AREA

CARBON MONOXIDE DETECTOR(S) SHALL BE PERMANENTLY WIRED SO THAT
ITS ACTIVATION WILL ACTIVATE ALL CARBON MONOXIDE CETECTORS AND BE

EQUIPPED WITH AN ALARM THAT IS AUDIBLE WITHIN BEDROOMS WHEN THE
INTERVENING DOORS ARE CLOSED.

SOIL GAS CONTROL (CBC 9.13.4.1 & 9.13.4.2) PROVIDE CONSTRUCTION TO PREVENT LEAKAGE OF SOIL GAS INTO THE BUILDING IF REQUIRED.

DRAIN WATER HEAT RECOVERY UNIT (DWHR) DRAIN WATER HEAT RECOVERY ONL (DWHS)
PER \$81/273/1.172/2.8 DANAW WATER REAT RECOVERY (DWHR)
UNIT SHALL BE INSTALLED IN EACH DWELLING UNIT TO RECEIVE
DRAIN WATER FROM ALL SHOWERS OR FROM AT LEAST TWO
SHOWERS WHERE THERE ARE TWO OR MORE SHOWERS IN THE
DWELLING UNIT. DOES NOT APPLY IF THERE ARE NO SHOWERS SHOWERS IN THE

NO STOREY BENEATH ANY OF THE SHOWERS. STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

STO BUILDING CODE AND ALL OTHER APPLICABLE LAW

es» drawings and/or specifications have been reviewed by

MARIARI CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB

AND REPORT ANY DISCREPANCY TO VA3 DESIGN INC. 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.

AFTER BUILDING PERMIT HAS BEEN ISSUED.

SB-12 COMPLIANCE PACKAGE 'A1' TO BE USED FOR THIS MODEL. The minimum thermal performance of building envelope and equipment shall conform to the selected package unless otherwise noted.

ONT. REG. 332/12-2012 OBC Amendment O. Reg. 88/19 JAN. 01, 2020

PACKAGE

SINGLES



Recovery Unit (DWHR)

Greenpark. WATERDOWN

RUSSELL GARDENS PH.3

TYPICAL CONSTRUCTION NOTES

All drawings specifications, related documents and design are the convicts property of VAS DESIGN, Reproduction of this property in whole or in part is strictly prohibited without VAS DESIGN's written

REC'D BY DATE REF'D TO

MAR

no. description

TON

MOLE

DATE

& RE-ISSUED. 4 ISSUED FOR PERI

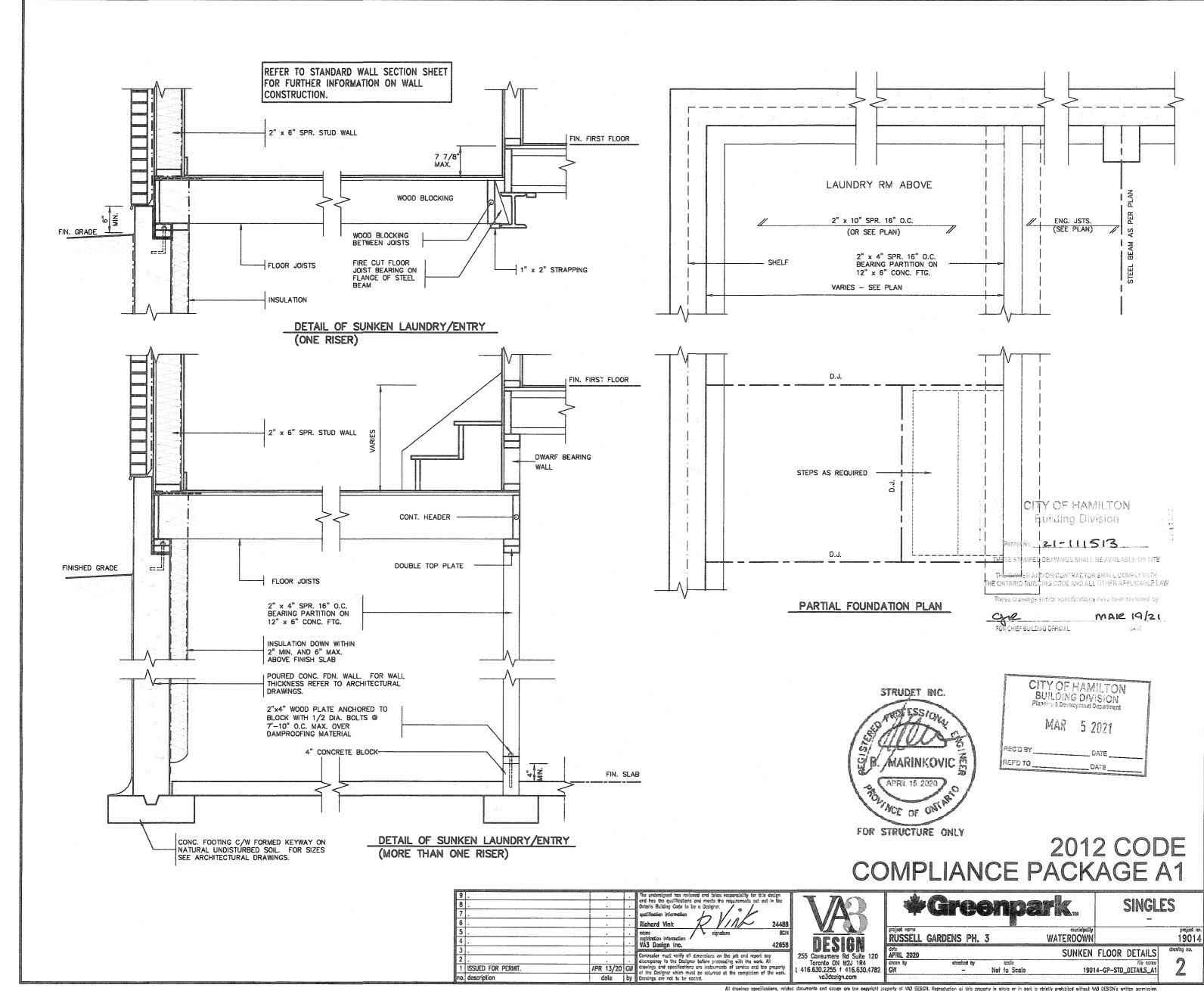
3 SB NOTE FURTHER DEFINED.

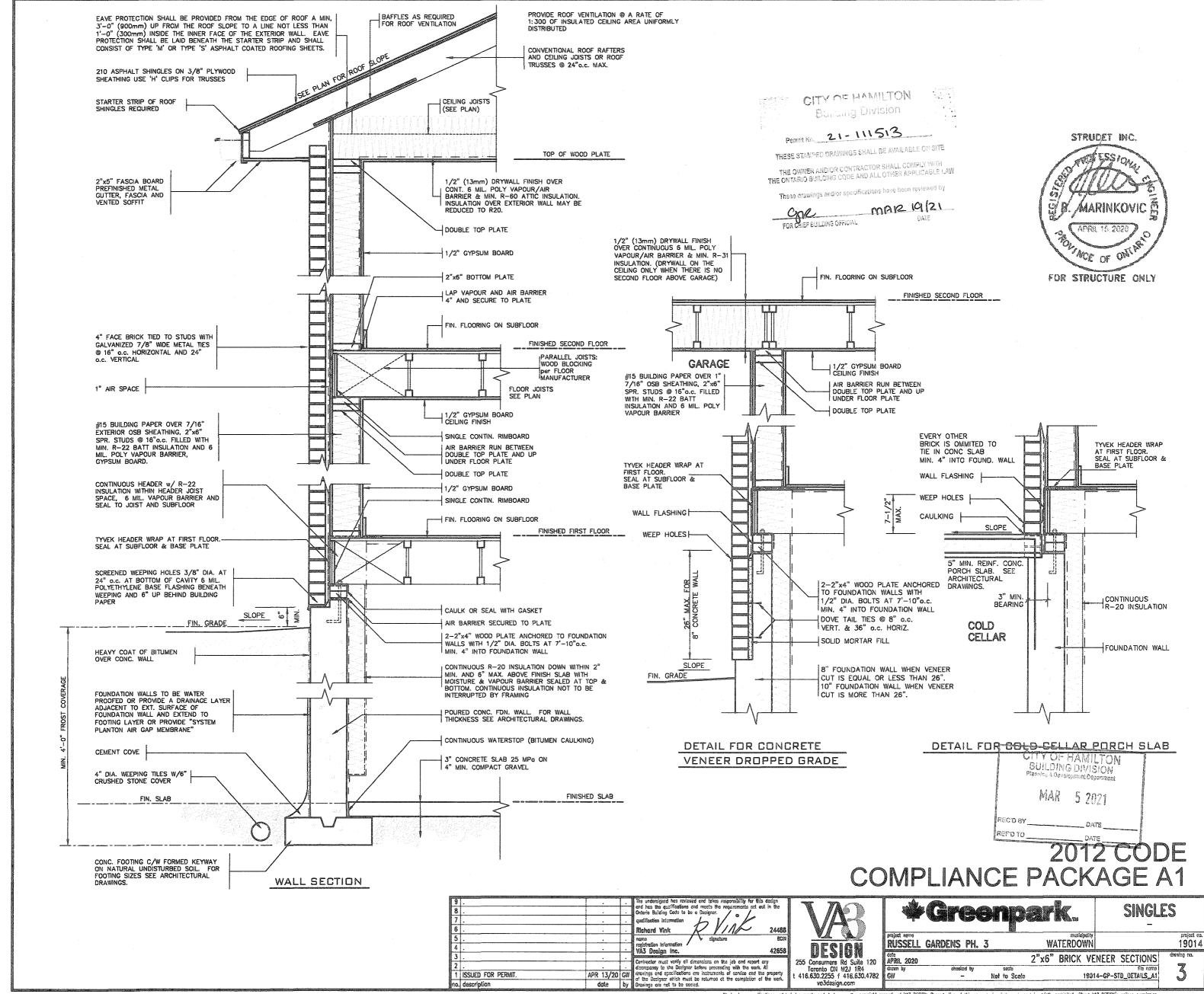
Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782

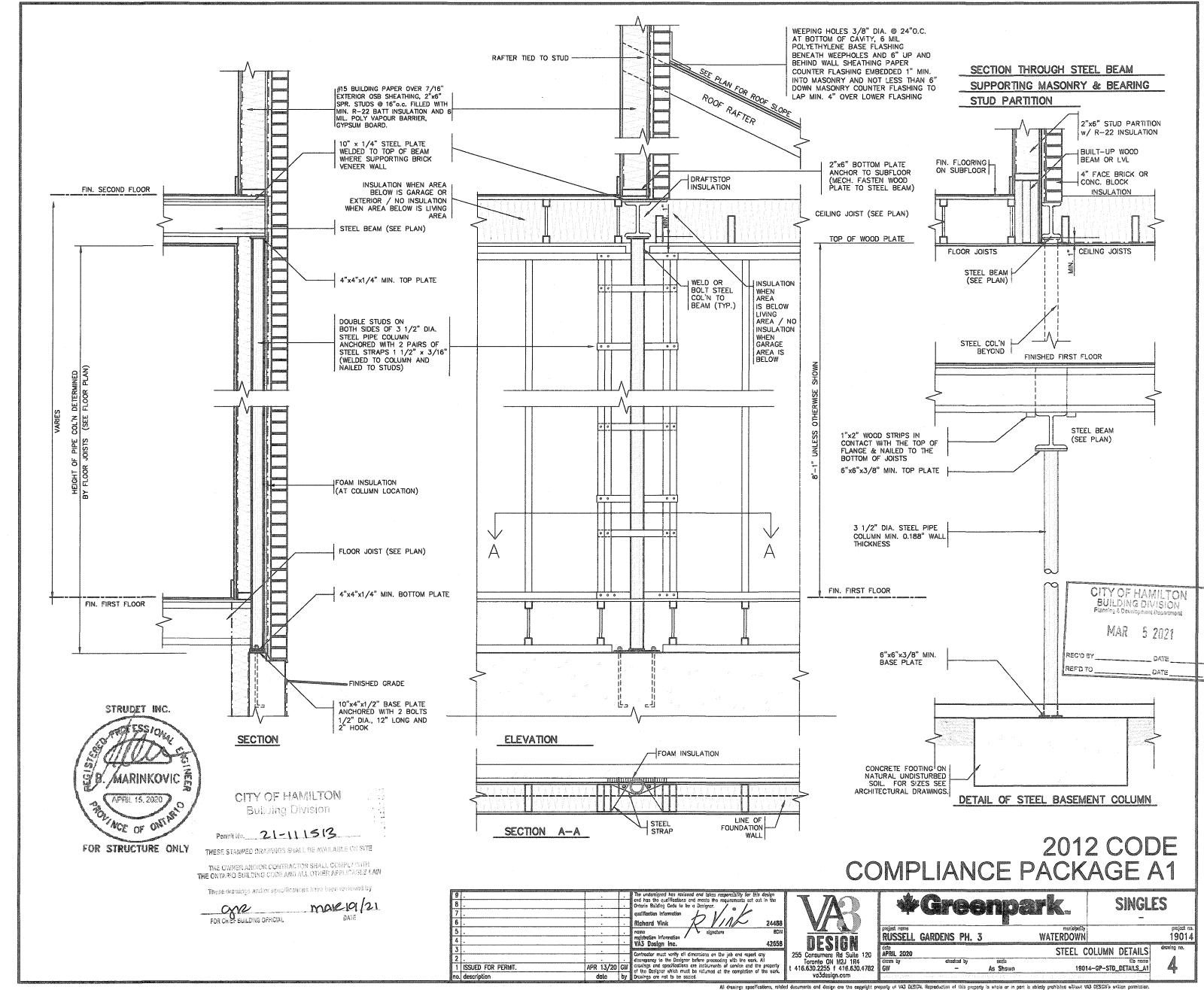
APRIL 2020 GW

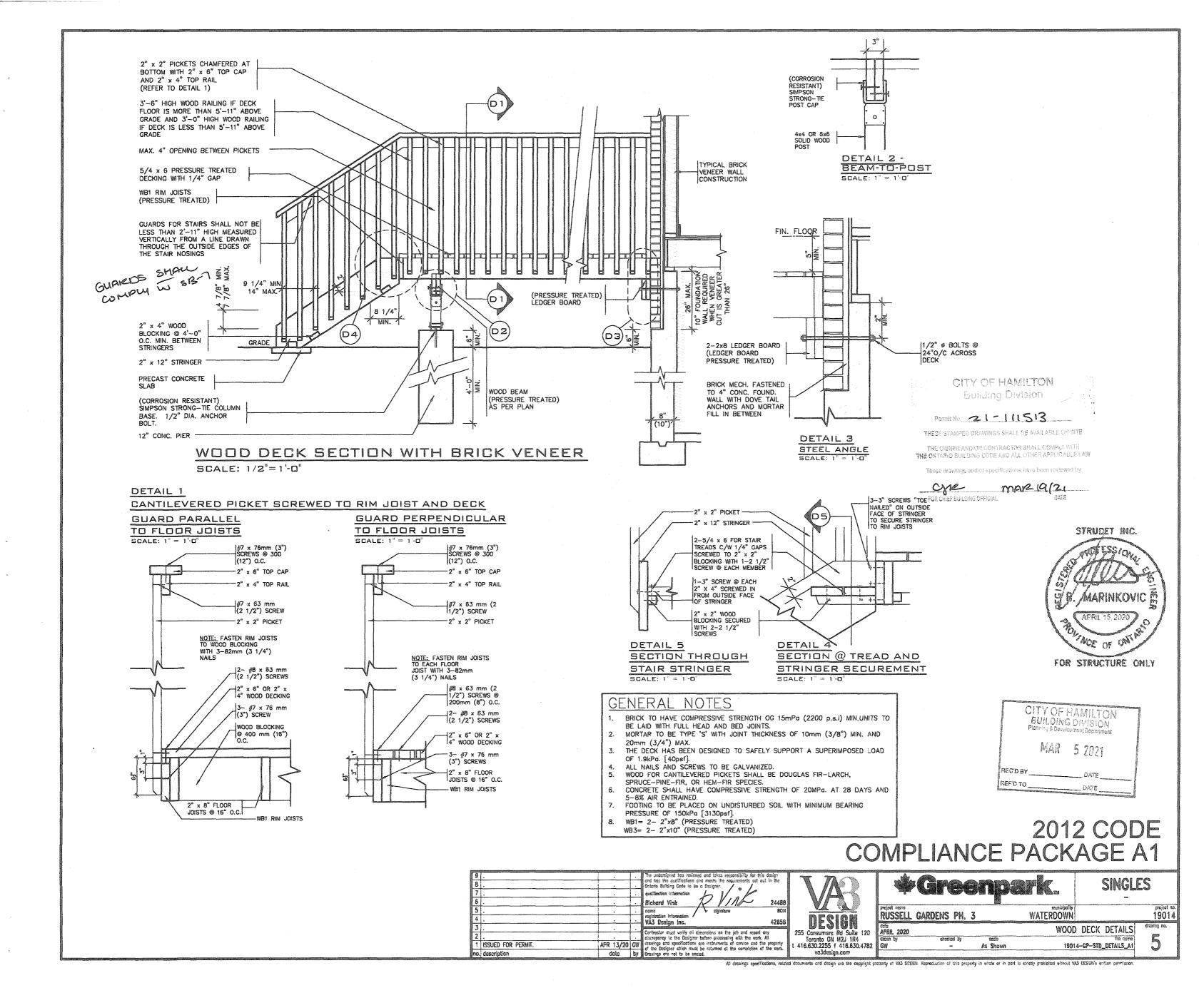
GW 3/16" = 1'-0" GP-14X18-NOTES-2020-VA3-PKG-A1-19014

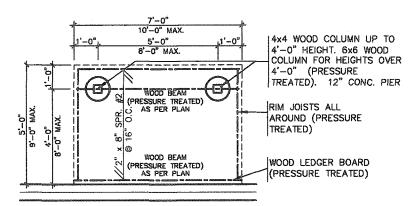
19014





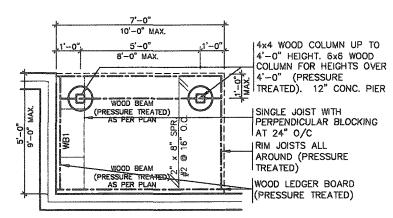






TYPICAL DECK LAYOUT

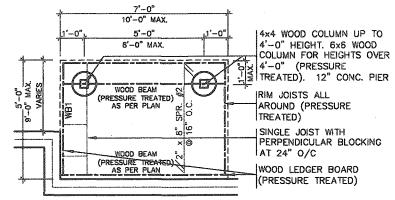
SCALE: 1/4"=1'-0"



TYPICAL DECK LAYOUT

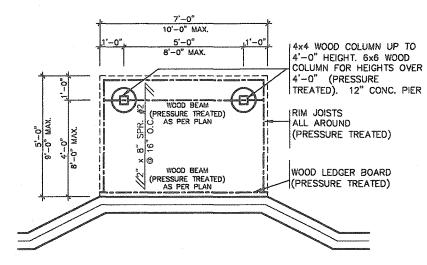
SCALE: 1/4"=1'-0"

11/2" BEAKING FOR JOISTS
31/2" BEAKING FOR BEAMS



TYPICAL DECK LAYOUT

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



TYPICAL DECK LAYOUT SCALE: 1/4"=1'-0"

CITY OF HAMILTON Building Division

Permit No. 21-111513

THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

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

These drawings and/or specifications have been reviewed by

FOR CHIEF BUILDING OFFICIAL DATE



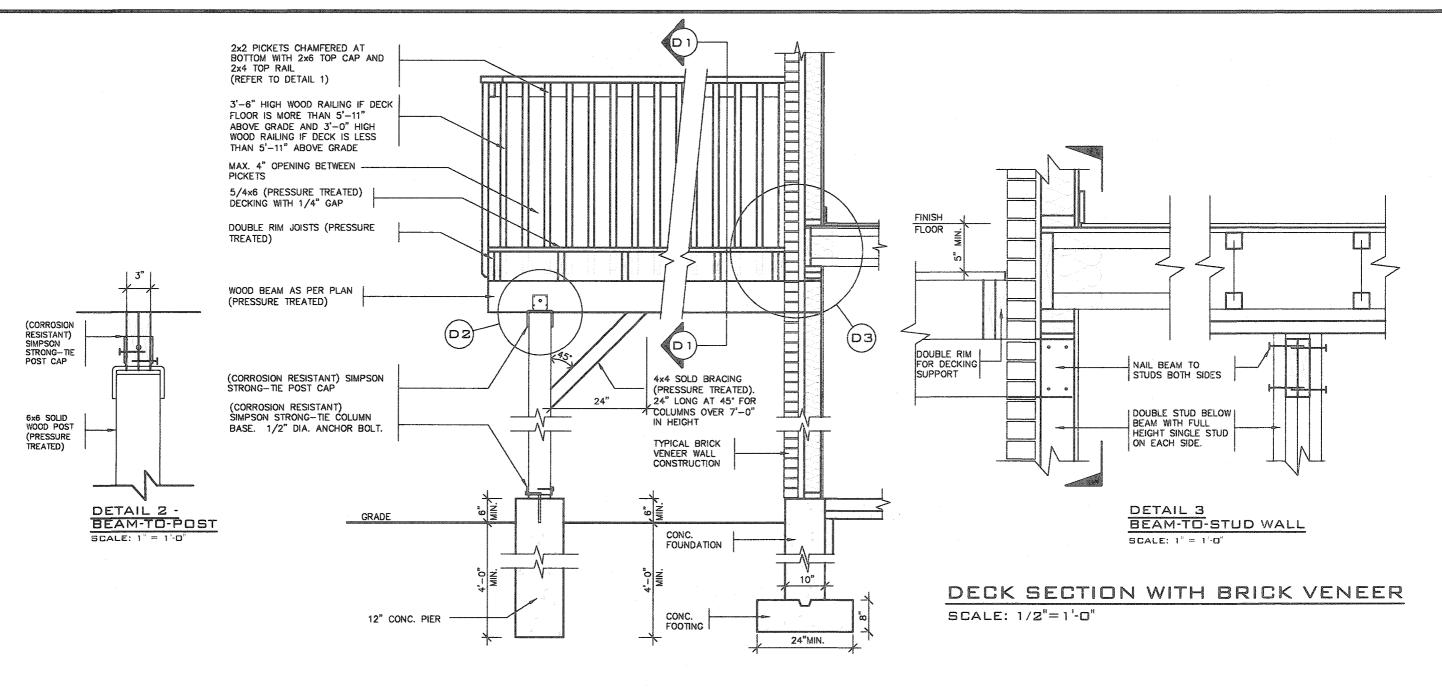
STRUCET INC.

"NOT OF OWEN

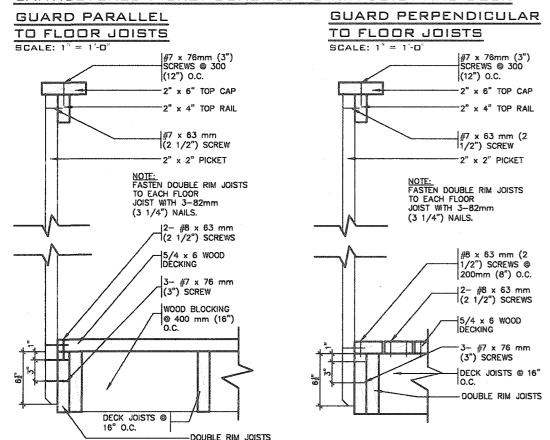
FOR STRUCTURE ONLY

2012 CODE COMPLIANCE PACKAGE A1

9 . 8 . 7 . 6 .			The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontorio Building Code to be a Besigner. Qualification information Richard Vinik 24488	VAR		Gree			SINGLI	
5 . 4		ŀ	name signature BCN registration information VA3 Design Inc. 42658	DESIGN	RUSSELL doto	GARDENS PH. 3	3	WATERDOWN		project no.
2 . 1 ISSUED FOR PERMIT.		1	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the earls. All travings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work.	255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com	APRIL 2020 drawn by	checked by	acste As Shown		D DECK PLANS file rights -GP-STD_DETAILS_A1	5-1
no. description	date	Dy	Oranings are not to be socied. All drawings specifications, relate	ad documents and design are the copyright pr	eperty of VA3 DES	GN. Reproduction of this proper	ly in whole or in port is	strictly prohibited without VA3	DESIGN's erritor permission.	







CITY OF HAMILTON **Building Division**

Permit No. 21-111513

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 MAR 19/21

GENERAL NOTES

- BRICK TO HAVE COMPRESSIVE STRENGTH OG 15mPa (2200 p.s.i) MIN.UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS.
- MORTAR TO BE TYPE 'S' WITH JOINT THICKNESS OF 10mm (3/8") MIN. AND
- 20mm (3/4") MAX.
- 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 150kPa [3130psf].
- WB1= 2- 2"x8" (PRESSURE TREATED) WB3= 2- 2"x10" (PRESSURE TREATED)

CITY OF HAMILTON BUILDING DIVISION Planning & Development Department

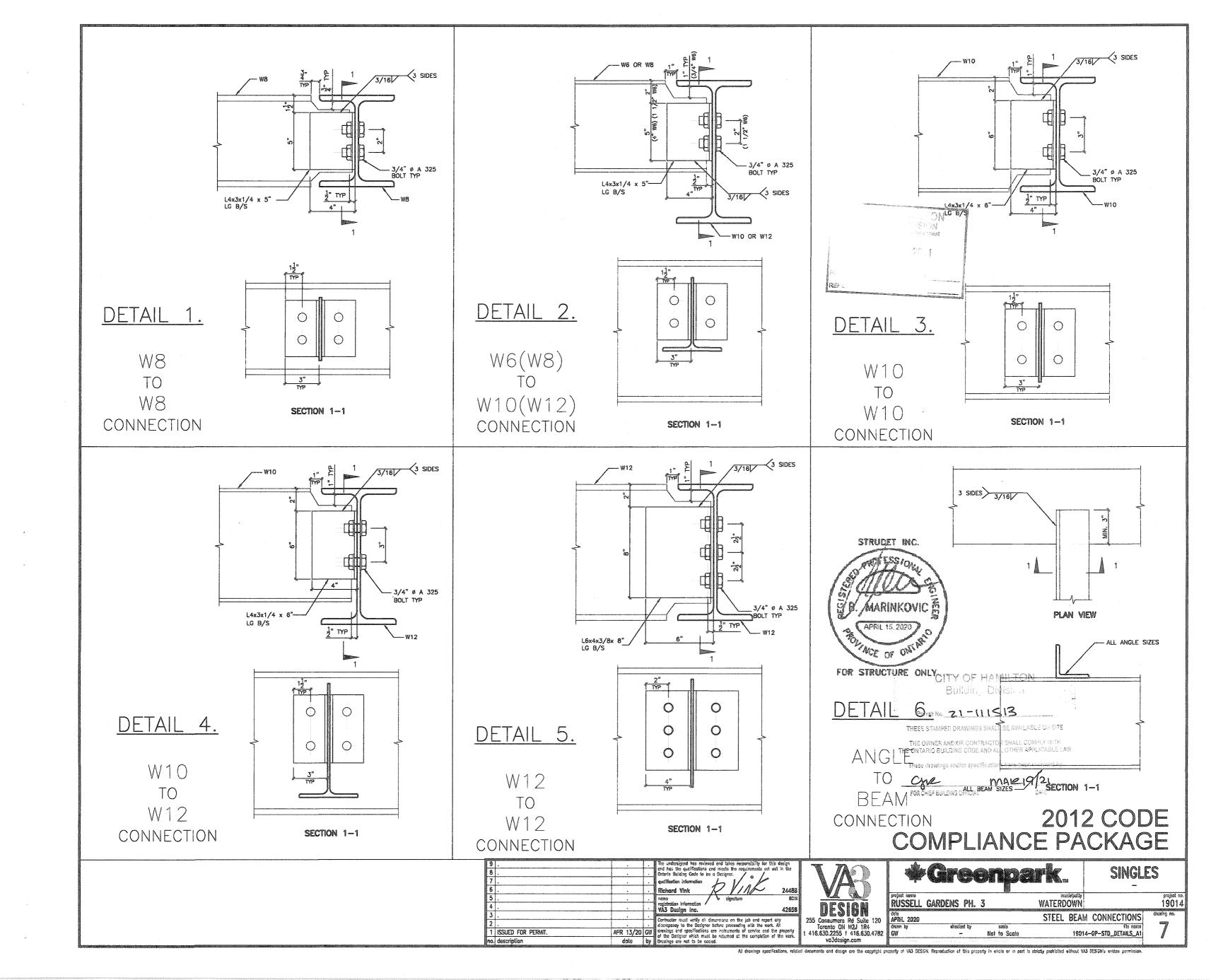
MAR 5 2021

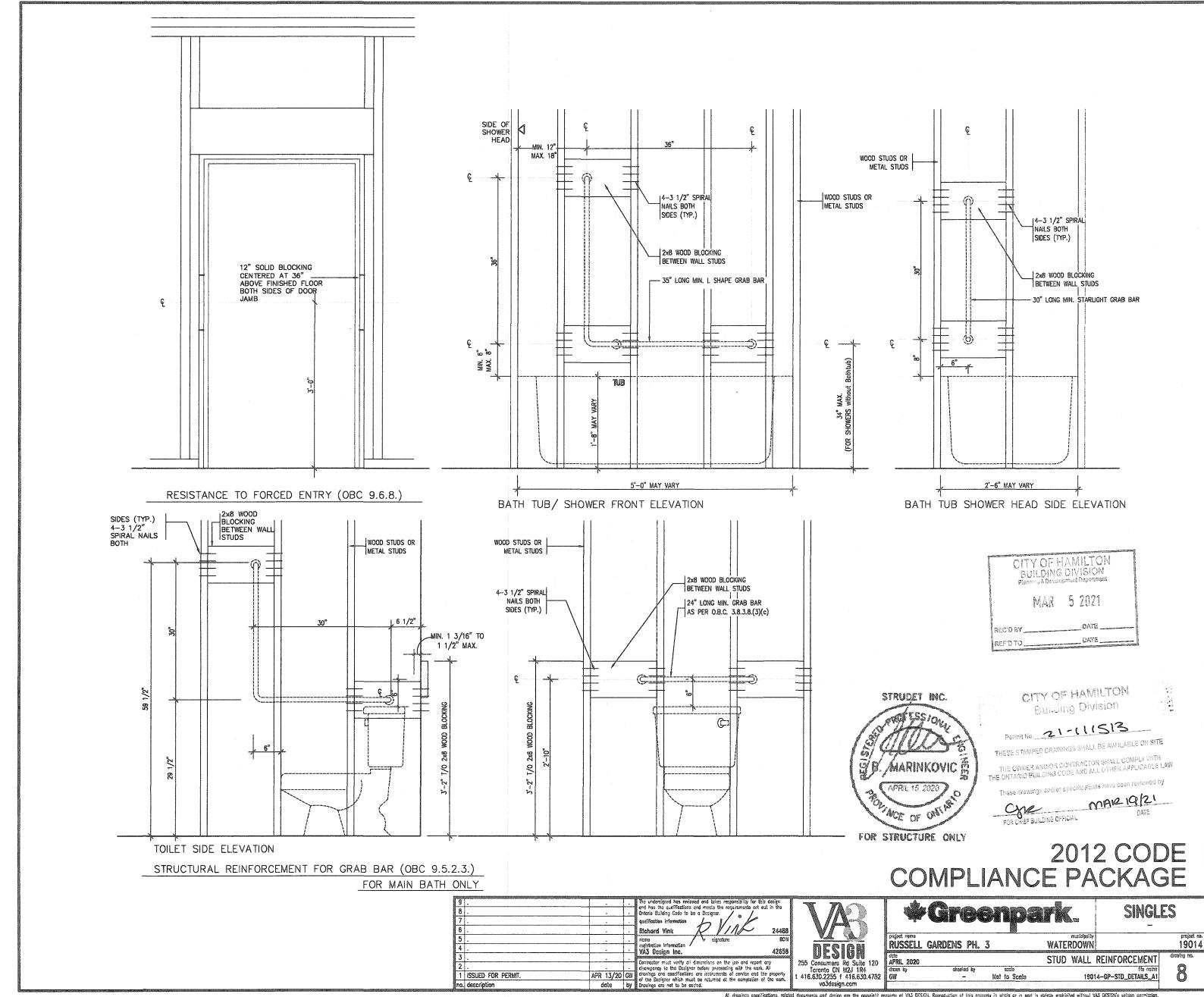
STRUDET INC. **MARINKOVIÇ** NOT OF ONE

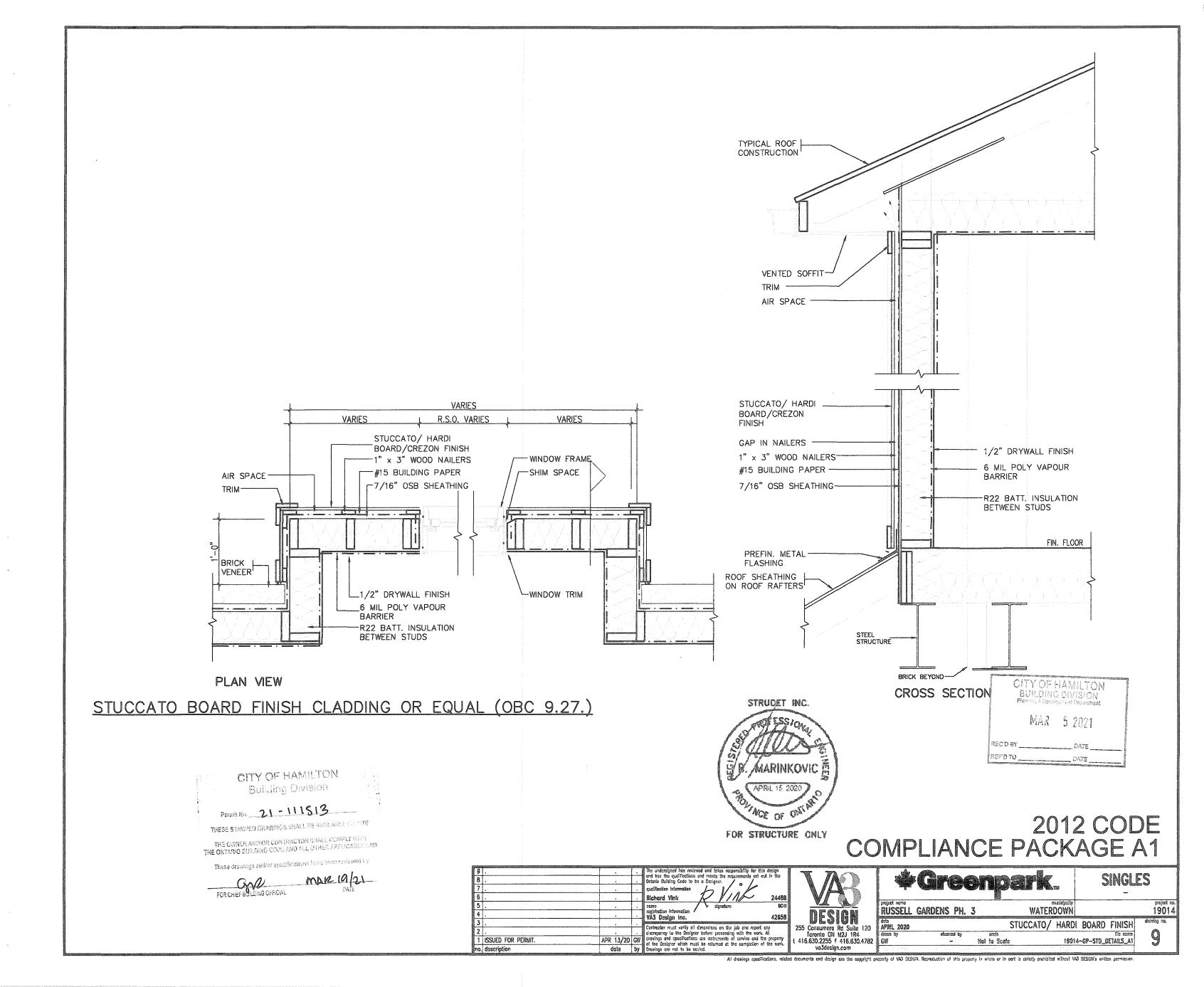
FOR STRUCTURE ONLY

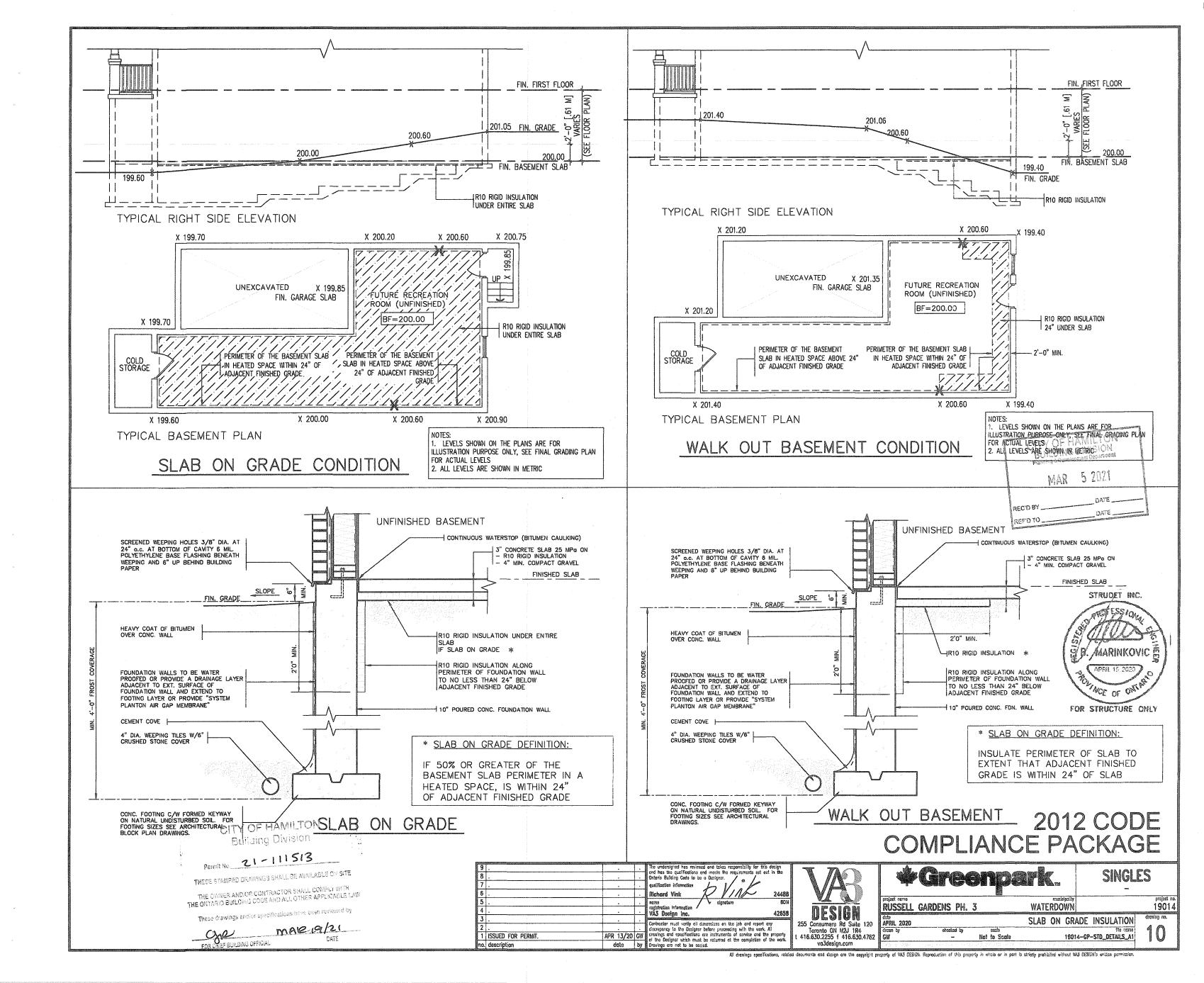
2012 CODE **COMPLIANCE PACKAGE A1**

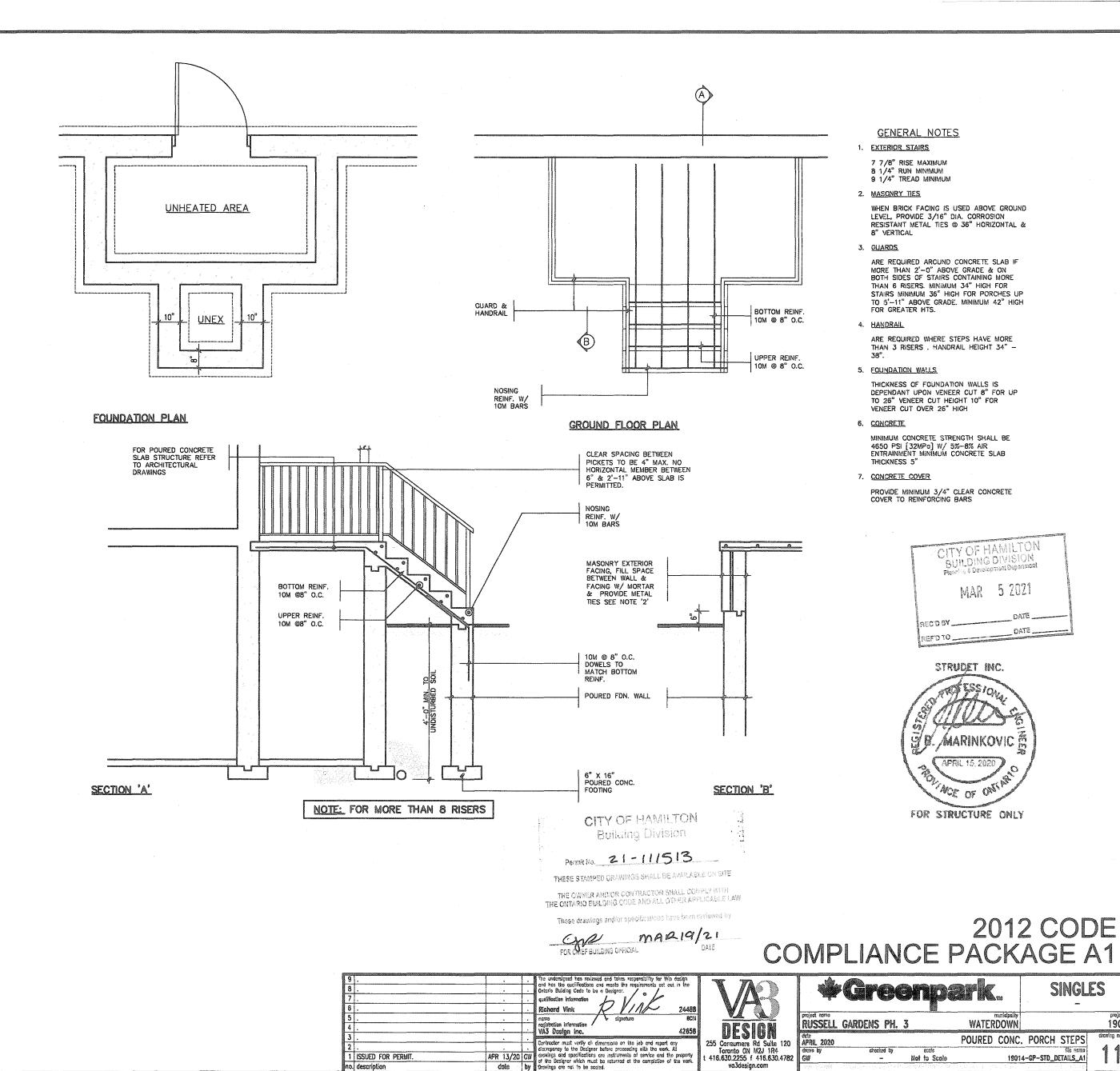
	WF NATANISMON' II BANGOA	-								
		$oxed{\cdot}$	The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the		· •		_		@101@1 1	
			Ontario Building Code to be a Designer.		£ 1			2 T3 (7	SINGL	ŁS
			qualification information		The same					
-			Richard Vink X /// 24488							
			nome / aignoture BCIN		project name	AABBENIC DU	7	municipality		project
			registration information / VA3 Design Inc. 42658	DESIGN	KA22FFF	GARDENS PH.	3	WATERDOWN		1901
-					dete APRIL 2020		WOOD DECK	DETAILS-WALK-	OUT CONDITION	drowing no.
			Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All	255 Consumers Rd Suite 120 Toronto ON M2J 1R4	drum by	checked by	sosia.	SPINIES WILL	Sie reme	
ISSUED FOR PERMIT.	APR 13/20	G₩	drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work.	t 416.630.2255 f 416.630.4782		_	As Shown	1901	4-GP-STD_DETAILS_A1	0
description	date	by	Drowings are not to be socied.	ve3design.com	egi teliggi	erig German 170	a un sur ungan gusta.	tell I dir a tax	- 4 1 D 7 9	







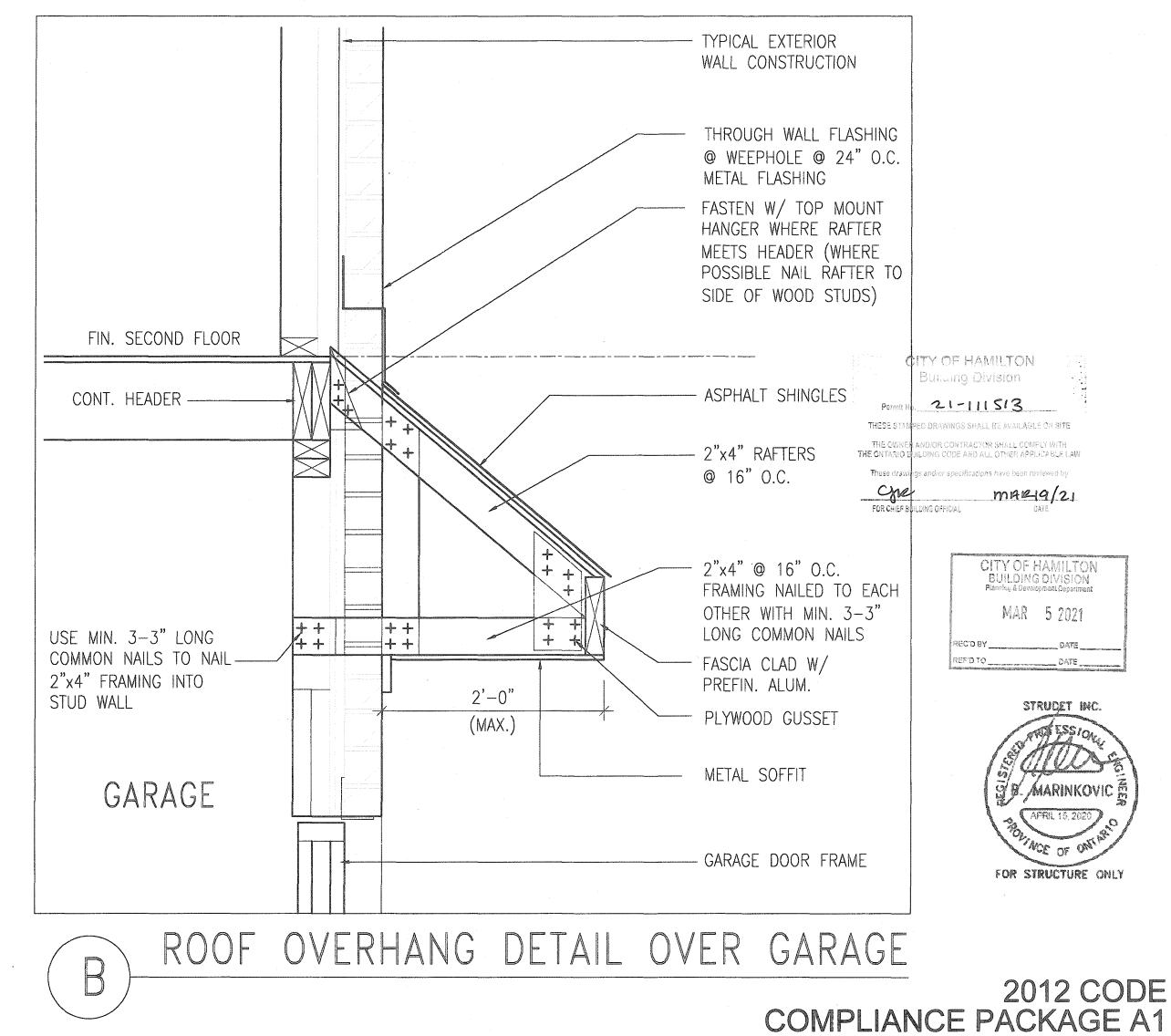




19014-GP-STD_DETAILS_A1 Not to Scale

SINGLES

preject no. 19014



1 ISSUED FOR PERMIT

RUSSELL GARDENS PH. 3

*Greenpark.

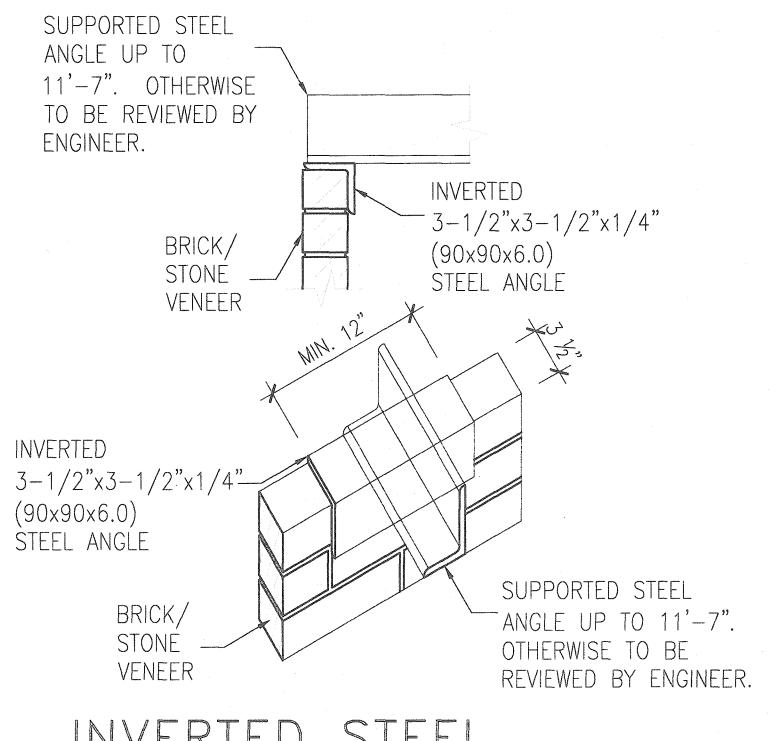
SINGLES

project re. 19014

WATERDOWN

DETAIL OF EXTENDED ROOF

ents and design are the capyright property of VAS DESIGN. Reproduction of this property in whole or in part is strictly prohibited without VAS DE



CITY OF HAMILTON
Building Division

Permit No. 21-111513

THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SHE

THE OWNER AND/OR CONTRACTOR SHALL CORPE: SATE THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LAW

These drawings and/or specifications have been reviewed by



CITY OF HAMILTON
BUILDING DIVISION
Planning & Development Department

MAR 5 2021

REF'D TO DATE

STRUCET INC.

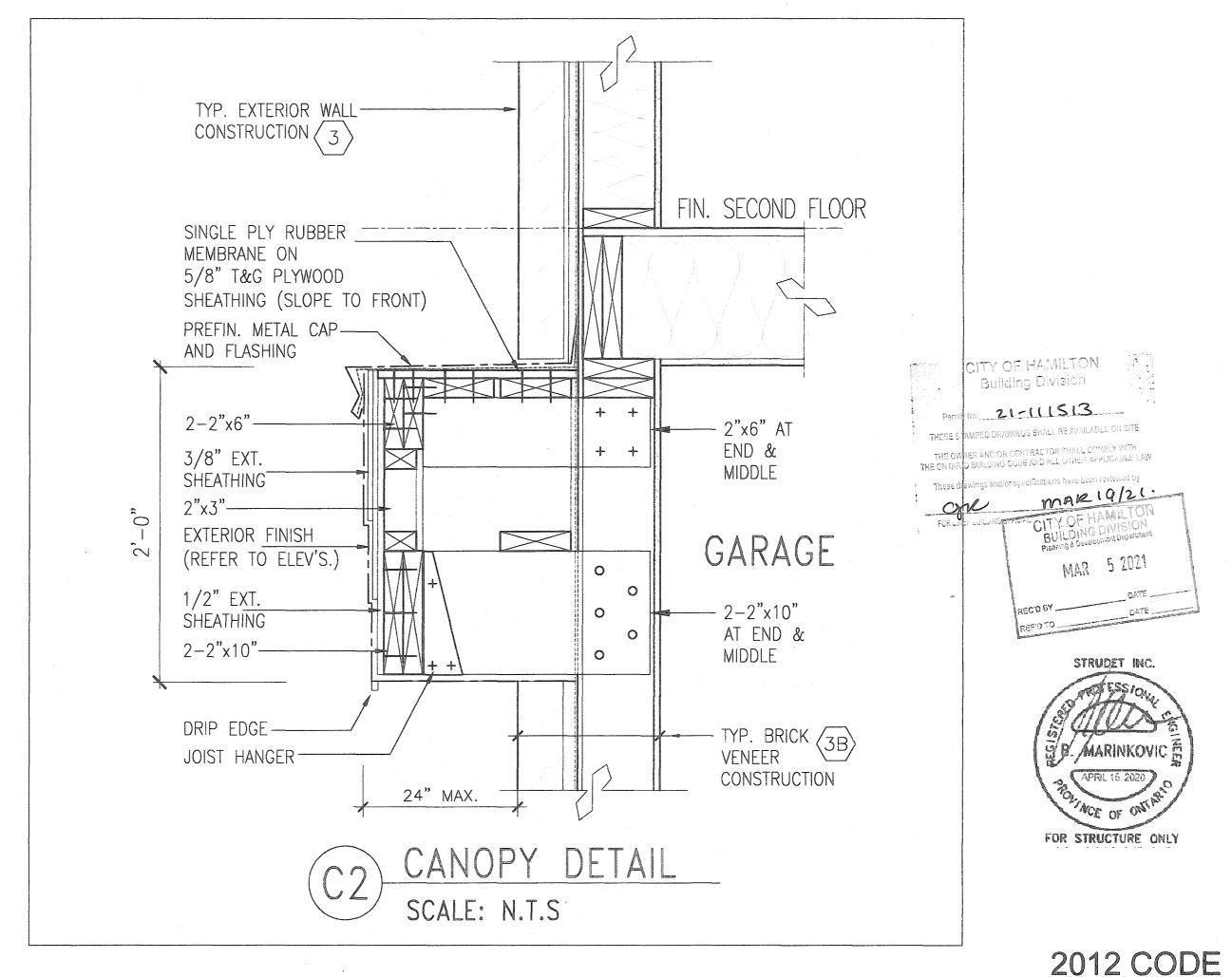
STRUCE OF ONLY

FOR STRUCTURE ONLY

INVERTED STEEL ANGLE DETAIL

2012 CODE COMPLIANCE PACKAGE A1

| Single | S



COMPLIANCE PACKAGE A1

9 . 8 . 7 . 6 .	The undersigned has reviewed and takes responsibility for this design and has the qualifications and mosts the requirements set out in the Ontario Bullong Code to be a Designer. qualification information Richard Vink 24488	VAR		Grec		IFK.	SINGLI	
5 . 4 .	 name signature ECR VA3 Design Inc. 42658		RUSSELL	GARDENS PH.	3	WATERDOWN		projest no 19014
3 . 2 .	 Contractor must verify all dimensions on the job and report day discrepancy to the Designer before succeeding with the work. All	255 Consumers Rd Suite 120 Toronto ON M2J 1R4	APRIL 2020 Grown by	checked by	CAN segle	NOPY ROOF AT	GARAGE DETAIL	drawing no.
ISSUED FOR PERMIT. no. description	 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.	t 416.630.2255 f 416.630.4782 va3design.com		*** **********************************	Not to Scale	19014 1814-11 (11 (12 (13 (14 (14 (14 (14 (14 (14 (14 (14 (14 (14	4-GP-STD_DETAILS_A1	14