- 1. ROOF CONSTRUCTION NO.210 (10.25kg/m2) ASPHALT SHINGLES, 10mm (3/8") PLYWOOD SHEATHING WITH "N" CLIPS. APPROVED WOOD TRUSSES @ 610mm (24") O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 900mm  $(3'-0)^3$ FROM EDGE OF RODF AND MIN. 300mm (12") BEYOND INNER FACE OF EXTERIOR WALL, (EARSE PROTECTION NOT REO'D FOR ROOF SLOPES 8:12 OR GREATER) 38x89 (2"x4") TRUSS BRACING @ 1830mm (6"-0") O.C. AT BOTTOM CHORD, PREFIN. ALUM. EAVESTROUGH, FASCIA, RIVI. & VENTED SOFFIT. 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 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, CONTIN.

  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 (6°) ABOVE FINISH GRADE, REFER TO OBC SB-12,

  CHAPTER 3 FOR REQUIRED MINIMALM THERMAL INSULATION REQUIREMENTS.

  FRAME WALL CONSTRUCTION (2°x6°)— GARAGE WALLS
- SIDING AS PER ELEV., 19x38 (1°x2°) VERTICAL WOOD FURRING, CONTIN.
  SHEATHING MEMBRANE, 11mm (7/16°) EXT. TYPE SHEATHING OR OSC
  COMPLIANT EQUIVALENT, 38x39 (2°x4°) STUDS © 406mm (16°) O.C.
  (MAX. HEIGHT 3000mm (9°-10°)), WITH APPR. DIACONAL 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") (58-12-TABLE 3.1.1.2.A)
  STUCCO CLANDING SYSTEM CONTROLLING 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 RIGHD POLYSTYRENE ON APPR. AIR/MOISTURE BARRIER ON 38x140 (2"x6") FULTSTITEME UN APPR. AIR/MOISTURE BARRIER ON 38x140 (2"x6")
  STUDS @ 406 (16") O.C., RSI 3.87 (R22) BATT INSUL., APPR. 6 MIL
  POLYETH/LENE 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
  REQUIREMENTS.
- STUCCO WALL CONSTRUCTION (2"x4") CARAGE WALLS.
  STUCCO CLADDING SYSTEM CONFORMING TO 0.B.C. 9.27.1.1.(2) & 9.28
  THAT EMPLOY A MINIMUM 10mm AR SPACE BEHIND THE CLADDING WITH
  POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS
  SPECIFICATIONS OVER 25mm (1") MIN. EXPANDED OR EXTRUDED RIGHD
  POLYSTYRENE ON APPROVED ARY MOISTURE BARRIER ON 358-89 (2"x4")

  FULLS FOR (4.5") OR APPROVED ARY MOISTURE BARRIER ON 358-89 (2"x4") (2D) STUDS @ 408 (16") O.C. (MAX. HEIGHT 3000mm (9'-10")), WITH APPR. 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 OBG. COMPLIANT EQUIVALENT, 38x140 (2"x6") STUDS © 400mm (16") C.C., RSI 3.87 (R22) INSULATION AND APPR. VAPOUR BARRIER AND APPR. CONTIN. AIR BARRIER, 13mm (1/2") INTERIOR DRIVWALL FINISH. MID—HEIGHT BLOCKING (2E.) REG'O. IF NO SHEATHING APPLIED. REFER TO OBC SB-12, CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS.
- BRICK VENEER CONSTRUCTION (2"x8") (S8-12-TABLE 3.1.1.2.A) 3. 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm (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 © 406mm (16") O.C., RSI 3.87 (R22)
  NISULATION 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. BRICK TO BE MIN. 150mm (6") ABOWE FINISH GRADE. REFER TO OBC SB-12 CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMEN
- BRICK VENEER CONSTRUCTION (2"x4")- GARAGE WALLS **38** 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm (7/6"x7"x0.03") GALV. METAL TIES @ 406mm (16") O.C. HORIZONTAL GIORM (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 3000mn (9'-10")) WITH APPROVED DIAGONAL WALL BRACING. REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE GARAGE. PROVIDE WEEP HOLES @ 800mm (32") O.C. ROTTOM COURSE AND OVER OPENINGS, PROVIDE BASE
- STUCCO WALL CONSTRUCTION (2°x6°) (SR-12-TABLE 3.1.1.2.A)

  STUCCO CLADDING SYSTEM CONFORMING TO 0.B.C. 9.27.1.1.(2) & 9.28

  THAT EMPLOYS A MINIMUM 107mm ARR 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
  (2°x6°) STUDS @ 406mm (16°) 0.C., RSI 3.87 (R22) BATI 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. (3C.)



STRUDET INC. FOR STRUCTURE ONLY

INTERIOR STUD PARTITIONS

- FOR BEARING PARTITIONS 39x89 (2°x4°) © 406mm (16°) O.C. FOR 2 STOREYS AND 305mm (12°) O.C. FOR 3 STOREYS, NON-BEARING PARTITIONS 39x89 (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 15MPO (2200psi) WITH BITUMERIOUS DAMPPROOFING AND DRAINAGE LAYER, DRAINAGE LAYER REQ'D. WHEN BASEMENT INSUL EXTENDS 900 (2'-11") BELOW FIN. GRADE, DRAINGE LAYER IS NOT REQ'D. IF FOUNDATION WALL IS NATERPROOFED, MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500x155 (20°x6") Continuous Keyed Conc. Ftg. Brace Fdtn. 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 KPc (18 p.s.i.) SOIL BEARING CAPACITY FOR TOWNHOUSES. TO BE VERIFIED ON SITE.

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

- FOUNDATION DRAINAGE OBC. 9.14.2. & 9.14.3.
  100mm (4") DIA, FOUNDATION DRAINAGE TILE 150mm (6") CRUSHED STONE OVER AND AROUND DRAINAGE TILES. 6.
- BASEMENT SLAB OBC. 9.3.1.6.(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 SB-12; 3.1.1.7.(5)(6) where required.
  ALL SLAB JOINTS & PENETRATIONS TO BE SEALED TO MAINTAIN AIR
- 8. WOOD SUBFLOORS (SEE OBC. 9.23.14, & 9.30.2.1) -19mm (3/4") MIN. T & G SUBFLOOR UNDER GROUND FLOOR FINISH FLOOR. FLOUR.

  16mm (5/8") T&G SUBFLOOR UNDER SECOND FLOOR FLWSH FLOOR.

  16mm (5/8") PANEL—TYPE UNDERLAYMENT UNDER RESILIENT &

  PARQUET FLOORING.
- 9. ATTIC INSULATION (SB-12-TABLE 3.1.1.2.A) (SB-12-3.1.1.B)
  RSI (0.56 (DBO) BLOWN IN DOOF WIND TOO TO THE STORY TO THE STO 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

STAIRS/EXTERIOR STAIRS -OBC 9.8.FORM RISE -5mm (1/4") MAX BETWEEN ADJACENT TREADS
OR LANDINGS (10.) ALL UNIF -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 = 253 (9-1/4) = 25 (1") = 1950 (6'-5") = 900 (2'-11") = 865 (2'-10") to 965 (3'-2") RAIL @ LANDING RAIL @ STAIR 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: 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

- 38x89 (2"x4") SILL PLATE WITH 13mm (1/2") DIA. ANCHOR BOLTS 12) 38x89 (2\*x4\*) SILL PLATE WITH 13mm (1/2) UIA. ANOTHER DOLLO 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 FOTN. WALL IK 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 200m (8") ABOVE THE FINISHED FLOOR & NO CLOSER THAN 50mm (2") OF (8") ABOVE THE FINISHED FLOOR & NO CLOSER THAN 50mm (2") OF THE BASEMENT SLAB. RS 1,32c; (R201) BLANKET INSLITATION TO HAVE APPROVED VAPOUR BARRIER. RECOMMEND DAMPPROOF WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL. NOTE: FULL HIGHT INSULATION AT COLD CELLAR WALLS. ARR BARRIER TO BE SEALED TO FOUNDATION WALL WITH CAULKING. CONTINUOUS INSULATION (ci) IS NOT TO BE INTERRUPTED BY FRAMING
- BASEMENT BEARING STUD PARTITION | BASEMENT BEARING SIDD PARTITION
  | 38x89 (2\*x4\*) STUDS @ 406mm (16\*) O.C. 38x89 (2\*x4\*) SILL
  | PLATE ON DAMPPROOFING MATERIAL, 13mm (1/2\*) DIA. ANCHOR
  | BOLTS 200mm (6\*) LONG, EMBEDDED MIN. 100mm (4\*) MTO
  | CONC. @ 2400mm (7\*-10\*) O.C. 100mm (4\*) HIGH CONC. CURB
  | ON 305x155 (12\*x6\*) CONC. FOOTING. ADD HORIZ. BLOCKING AT
- 15.) STEEL BASEMENT COLUMN (SEE O.B.C. 9.15.3.3)

  ASIMM/3-1/07 DIA 7.70 89mm(3-1/2") DIA x 4.78mm(0.188") STL. COL. WITH A MIN. CAPACITY OF 108.6kM (24,000/bs.) WITH 150x150x9.5 (6"x6"x3/8") STL. TOP & BOTTOM PLATE.
- 15A) 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
  BOTTOM PLATE TO 100x250x12.5 (4"x10"x1/2") PASE PLATE C/W
  2-12mm DIA. x 300mm LONG x50mm HOOK ANCHORS 2-1/2m dia x 300mm lour south foot all accesses (2-1/2\*x12\*x2\*). TE COLUMN TO STUD WILL WITH 2-32x3.175 (1 1/4\*x 1/6") STEL STRAP WELDED TO COLUMN AND FASTENED TO STUD WITH 2-SDS 6.35x38 (1/4\*x1 1/2") SCREWS MANUF.

GARRAGE, SLAB
100mm (4") 32MPa (4840psi) CONC. SLAB WITH 5-8% AIR
ENTRAINMENT ON OPTIONAL 100 (4") COARSE CRANULAR FILL WITH
COMPACTED SUB-BASE OR COMPACTED NATIVE FILL
SLOPE TO FRONT (EXTERIOR) AT 1% MIN.

- 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 UNEN CLOSETS
  4 SHELVES MIN. 350mm (14") DEEP.
- (26) MECHANICAL EXHAUST FAN, VENTED TO EXTERIOR AS REQUIRED BY OBC. 9.32.3.5. & 9.32.3.10.
- STEEL BEARING PLATE FOR MASONRY WALLS 27) SIELL BEARING FLAIR FOR MADAGET I HOME 280X280X16 (11°X11°X5/6") STL. PLATE FOR STL. BEAMS AND 280X280X12 (11°X11°X1/2") STL. PLATE FOR WOOD BEAMS BEARING ON CONC. BLOCK PARTYWALL, ANCHORED WITH 2-19mm (3/4") x 200mm (8") LONG GALV. ANCHORS WITHIN SOLID BLOCK COURSE. LEVEL WITH NON-SHRINK GROUT.
- SOUD WOOD BEARING FOR WOOD STUD WALLS
  SOUD BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTED
  MEMBER. SOUD WOOD BEARING COMPRISED OF BUILT-UP WOOD
  STUDS TO BE CONSTRUCTED IN ACCORDANCE WITH OBC
- (28) 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 CAS UTILIZATION CODE.
- BASEMENT WOOD POST (OBC 9.17.4.) (29) 3-38x140 (3-2"x3") BUILT-UP-POST ON METAL BASE SHOE ANCHORED TO CONC. WITH 12.7 DIA BOLT, 406x403x203 (16"x16"x8") CONC. FTG. OR AS OTHERWISE SPECIFIED ON DRAWING
- STEPPED FOOTINGS (OBC 9.15.3.9.) HIN. HORIZ. STEP = 600mm (24"). HAX. VERT. STEP = 600mm (24"). SLAB ON GRADE

LVL9

MIN. 100mm (4") CONCRETE SLAB ON GRADE ON 100mm (4")
COARSE GRANULAR FILL REINFORCED WITH 6N6-W2.9MW2.9 MESH
PLACED NEAR MID-DEPTH OF SLAB, CONC, STRENGTH 32 MPa (4640 psi) with 5–8% air entranment 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 & PRETRATIONS OF INTERIOR SLABS TO BE SEALED TO MAINTAIN AIR BARRIER.

LOOSE STEEL LANELS \$\begin{align\*}
\[ \frac{\text{Size}}{2} \text{Lumers} \]
\[ \frac{\text{3-1/2}^\circ \times \frac{3-1/2}^\circ \times \frac{1/4}^\circ \text{L}}{\text{(90x90\text{8.0L})}} \]
\[ \frac{\text{4}^\circ \text{3-1/2}^\circ \text{5/16}^\circ \text{(100x90\text{8.0L})} \]
\[ \frac{\text{5}^\circ \text{3-1/2}^\circ \text{5/16}^\circ \text{(150x90\text{8.0L})} \]
\[ \frac{\text{6}^\circ \text{ x 3-1/2}^\circ \text{ x 3/8}^\circ \text{(150x90\text{x10.0L})} \]
\[ \frac{\text{6}^\circ \text{ x 4}^\circ \text{ x 3/8}^\circ \text{(150x100x10.0L)} \]
\[ \frac{\text{7}^\circ \text{ x 4}^\circ \text{ x 3/8}^\circ \text{(180x100x10.0L)} \] LANGUAGED VEIGER LUNGER (LVL) BEAUS

PAD FOOTINGS 20 KPa, NATWE SOIL 90 KPa, ENGINEERED FILL SOIL 1 = 42°x42°x18° CONCRETE PAD F1 = 48°x48°x20° CONCRETE F F2 = 36"x36"x16" CONCRETE PAD F2 = 40"x40"x16" CONCRETE PAD F5 = 16"x16"x8" CONCRETE PAD F5 = 18"x18"x6" CONCRETE PAI (REFER TO FLOOR PLAN FOR UNUSUAL SIZE PADS NOT ON CHART.)

=1-1  $3/4^{\circ}x7$   $1/4^{\circ}$  (1-45x184)=2-1  $3/4^{\circ}x7$   $1/4^{\circ}$  (2-45x184)=3-1  $3/4^{\circ}x7$   $1/4^{\circ}$  (2-45x184)=4-1  $3/4^{\circ}x7$   $1/4^{\circ}$  (4-45x184)=1-1  $3/4^{\circ}x9$   $1/4^{\circ}$  (1-45x235)=2-1  $3/4^{\circ}x9$   $1/4^{\circ}$  (1-45x235)=3-1  $3/4^{\circ}x9$   $1/4^{\circ}$  (3-45x235)=4-1  $3/4^{\circ}x9$   $1/4^{\circ}$  (4-45x235)=1-1  $3/4^{\circ}x9$   $1/4^{\circ}$  (4-45x235)=1-1  $3/4^{\circ}x11$   $7/8^{\circ}$  (1-45x300)DOOR SCHEDULE =4-1 3/4°x8 1/4° (4-45x235) =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) INSULATED ENTRANCE DOOR
INSULATED FRONT DOORS
WOOD & GLASS DOOR
ENTERIOR SLAB DOOR
INTERIOR SLAB DOOR 6'-8' 6'-8' 6'-8' 6'-8' 6'-8' 6'-8'

BRICK VEIGER LINTELS WB1 =2-2"x8" (2-36x184) SPR. No.2
WB2 =3-2"x8" (3-38x184) SPR. No.2
WB3 =2-2"x10" (2-38x235) SPR. No.2
WB4 =3-2"x10" (3-38x235) SPR. No.2
WB5 =2-2"x12" (2-38x286) SPR. No.2
WB6 =3-2"x12" (3-38x286) SPR. No.2
WB7 =5-2"x12" (3-38x286) SPR. No.2
WB11 =4-2"x10" (4-38x286) SPR. No.2
WB12 =4-2"x10" (4-38x286) SPR. No.2 WL1 =3-1/2" x 3-1/2" x 1/4" (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)
WL5 =6" x 4" x 7/16"L (152x102x11.0L) + 2-2"x8" SPR, No.2 + 2-2"x8" SPR. No.2 + 2-2"x10" SPR. No.2 2-2"x10" SPR. No.2 WB3 =2-2"x10" (2-38x235) SPR. No.2 2-2"x12" SPR. No.2 WB5 =3-2"x10" (3-38x235) SPR. No.2 2-2"x12" SPR. No.2 WB5 =3-2"x12" (2-38x286) SPR. No.2 3-2"x12" SPR. No.2 WB7 =5-2"x12" (3-38x286) SPR. No.2 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" (4-38x235) SPR. No.2 WL3 =5" x 3-1/2" x 5/16"L (127x89x7.9L)
WL4 =6" x 3-1/2" x 7/16"L (152x89x11.0L)
WL5 =6" x 4" x 7/16"L (152x102x11.0L)
WL6 =5" x 3-1/2" x 5/16"L (127x89x7.9L)
WL7 =5" x 3-1/2" x 5/16"L (127x89x7.9L)
WL8 =5" x 3-1/2" x 5/16"L (127x89x7.9L)
WL9 =6" x 4" x 7/16"L (152x102x11.0L)

e a Designer. ualification information Richard Vink reme registration information VA3 Design Inc. DEC 03/20 GW 3 SB NOTE FURTHER DEFINED. 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. Throwings are not to be seemed. AUG 24/20 GW 2 RE-ISSUED ISSUED FOR PERMIT APR. 13/20 GW

DIRECT VENTING GAS FURNACE VENT
DIRECT VENT FURNACE TERMINAL MAN. 900mm (36") FROM A GAS
REGULATOR, MAN. 300mm (12") ABOVE FIN. GRADE, FROM ALL OPENINGS,
EXHAUST AND INTAKE VENTS. HAV 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...
DIPLECT MENTING. GAS STREED ACE WENT

33 DIRECT VENTING GAS FIREPLACE VENT OURCET VENT GAS FIREPLACE, VENT TO BE A MINIMAIN 300mm (12")
FROM ANY OPENING AND ABOVE FIN. GRADE. REFER TO GAS
UTILIZATION CODE.

16mm (5/8") T & G SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERAMO THE 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 38/38 (2°%2") 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 19/64 (1°/3") @ 2100mm (6'-11") O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED. (° SEE OBC

COLD CELLAR PORCH SLAB LUXE MAJE. J.

36. FOR MAY. 2500 mm (8'-2') FORCH DEPTH (SHORTEST DIM.), 125mm (4
7/8") 32MF0 (4840ps) CONC. SLAB WITH 5-8% AIR ENTRAINMENT. REINF.
WITH 10M EARS © 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 PERMINIER FOTH. WALLS. SLOPE SLAB MIN.
1.0% FROM DOOR. SLAB TO HAVE MIN 75mm (3") BEARING ON FOTH.
WALLS PROMISE #11 LINTERS OVER CELLAR DOOR AND WITH 100mm (4") WALLS. PROVIDE (L1) LINTELS OVER CELLAR DOOR AND WITH 100mm (4") END BEARING.

AND SOOms (36") C.C. HORIZONTALLY. FILL SPACE BETWEEN WALL AND FACING SOLID WITH MORTAR.

238140 (2°x6°) RAFTERS © 406mm (16°0.C.) FOR MAX 11'-7' SPAN, 38x140 (2°x6°) RAFTERS © 406mm (16°0.C.) FOR MAX 11'-7' SPAN, 38x140 (2°x6°) GULLAR TIES AT MIDDSPANS. 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 BULT-UP ROOF TO BE 38x89 (2°x4°) © 610mm (24°) O.C. WITH A 38x89 (2°x4°) CEMTRE POST TO THE TRUSS BELOW, 1AFERALLY BRACES (300mm) (8'-0) O.C. WETTERLY LATERALLY BRACED @ 1800mm (6'-0") O.C. VERTICALLY.

TWO STOREY VOLUME SPACES

-FOR A MANIMUM 5490 mm (18"-0") HEIGHT AND MAXIMUM SUPPORTED ROOF TRUSS LENGTH OF 6.0m, PROVIDE 2-38x140 (2-2"x6") SPR.#2 CONTIN. STUDS © 3.05mm (12") O.C. (TITPLE 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 © 1220 mm (4"-0") O.C. VERTICALLY. -FOR WALLS WITH MORZ. DISTANCES NOT EXCERTING 2900 mm (6"-6") PROVIDE 38x140 (2"x6") STUDS © (39.) NOT EXCEEDING 2900 mm (9'-6"), PROVIDE 36x140 (2"x6") STUDS @ 406 (16") O.C. WITH CONTINUOUS 2-38x140 (2-2"x6")TOP PLATES -

EXPOSED FLOOR TO EXTERIOR (SB-12-TABLE 31.1.2.A) 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.

EXTERIOR WALLS FOR WALK-OUT CONDITIONS
THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6")
STUDS @ 408mm (16") o.c. <u>OR</u> 38x89 (2"x4") STUDS @

MINIMUM BEDROOM WINDOW -OBC. 9.9.10.1—
AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR IS TO HAVE MIN
0.35m2 UNOBSTRUCTED GLAZED OR OPENABLE AREA WITH MIN. CLEAR

0.35m2 Undestitution Grace of Open Action Wild of 30 mm (1° 3") WINDOW GUARDS —OBC. 8.8.8.1.(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 ADMACENT GRADE IS GREATER THAN 1800mm

THE FIR. FLOUR IS THE ABOVES OF STATES OF STAT

DOORS:

EXTERIOR DOORS THERMAL RESISTANCE ALL EXTERIOR DOORS TO COMPLY WITH THERMAL RESISTANCE AS STATED II O.B.C. SB-12-3.1.1.9.

DEXTERIOR SUDING GLASS DOORS— THERMAL RESISTANCE
ALL EXTERIOR SUDING GLASS DOORS TO COMPLY WITH THERMAL
PERFORMANCE AS STATED IN O.B.C. SB-12-3.1.1.9.

GENERAL: DIRECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.3 AR CHANGES PER HOUR AVERAGED OVER 24 HOURS. SEE MECHANICAL DRAWNGS.

2) ALL DOWNSPOUTS TO DRAIN AWAY FROM THE BUILDING AS PER OBC 9.26.18.2. AND MUNICIPAL STANDARDS.

STUD WALL SHAFFORDERST FOR FUTURE GRAB BARS IN MAIN BATHROOM REINFORCEMENT OF STUD WALLS SHALL BE RISTALLED ADJACENT TO WAEL CLOSETS AND SHOWER OR BATHRUB IN MAIN BATHROOM, REFER TO WAEL 9.5.2.3, 3.8.3.8.(3)(e), 3.8.3.8.(3)(e), 3.8.3.13.(2)(e) ½ 3.8.3.13.(4)(e).

) <u>AR BARRIEFS</u> ALL AR BARRIER SYSTEMS TO COMPLY WITH O.B.C.-DV. 8, 9.25.3.

OUTDOOR AR INTENES SHALL BE LOCATED SO THAT THEY ARE SEPARATED FROM SOURCES OF CONTAMINATION (EXHAUST VENTS) IN COMPLIANCE WITH O.B.C. DIV.-8 6.2.3.12. AND TABLE 6.2.3.12.

LUMBER:

) 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.

PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.

ALL LAMMATED VENEER LUMBER (L.V.L.) BEAMS, GIRDER TRUSSES, AND
METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED
& CERTIFIED BY ROOF TRUSS MANUF.

LVL BEAMS SHALL BE 2.0E-2880FD MIN. NALL EACH PLY OF LVL WITH
SPIRIT (3 1/2") LONG COMMON WIRE NALS @ 300mm (12") O.C.

STAGGERED IN 2 ROWS FOR 184,240 & 300mm (7 1/4",9 1/2", 11
7/8") DEPTHS AND STAGGERED IN 3 ROWS FOR GREATER DEPTHS AND FOR
A BLY MEMBERS AND 13-man (1/2") DUE GRAN FORTS GUITED AT 4 PLY MEMBERS ADD 13mm (1/2") DM. GALV. BOLTS BOLTED AT MD-DEPTH OF BEAM 0 915mm (3'-0") O.C.

PROVIDE TOP MOUNT BEAM HANGERS TYPE "SCL" MANUFACTURED BY SIMPSON STRONG—TIE OR EQUAL FOR ALL LIVL 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 MANUSCRY INTERCECTION FULLY BOOLD PRESERVATIVE, IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONCRETE BY AT LEAST 2 MIL POLYETHYLENE FILM, No. 50 (45/ba.) ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST

STEEL:

STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-C41.21 GRADE 350%. "STRUCTURAL QUALITY". PER OBC. 8-9.23.4.3. 2) 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 POSTING DRAINAGE TO THE EXTERGIR. THE EXTERGOR SHEATHING MUST NOT BE GYPSUM 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): A1 Notes: COMPONENT 10.56 R20 at inner face (R60) of exterior walls Ceiling with Attic Space Minimum RSI (R) value Ceiling without Affic Spa BATT or SPRAY Minimum RSI (R) value Exposed FLoor 5.46 BATT or SPRAY Minimum RSI (R) value
Walls Above Grade 6" R22 BATT Minimum RSI (R) value Rosement Walls OPTION TO USE R12+R10ci. Basement Walls
Minimum RSI (R) value
Edge of Below Grade SI
<600mm below grade
Minimum RSI (R) value
Windows & Silding glass RIGID INSUL (R10) 1.6U (0.28) 2 811 Space Heating Equip Minimum AFUE 96% Min. NATURAL GAS 0.65 (0.8) Hot Water Heate NATURAL GAS Minimum EF 75% num Efficiency

LEGEND

S EXHAUST FAN TO EXTERIOR CLASS 'B' VENT OUPLEX OUTLET (HEIGHT AF.F) DUPLEX OUTLET (12" ABOVE SURFACE) GFI DUPLEX OUTLET (HEIGHT A.F.F) ₩EATHERPROOF
DUPLEX OUTLET **⊕**%

**(4)** HEAVY DUTY OUTLET (220 volt) POT LIGHT LIGHT FIXTURE (CEILING MOUNTED)

LIGHT FIXTURE (WALL MOUNTED) S FLOOR DRAIN 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

P.T. PRESSURE TREATED

G.T. GIRDER TRUSS BY ROOF TRUSS MANUE

TE FLAT ARCH

ICA I CURVED ARCH

M.C. MEDICINE CABINET

777

00000 SPECIAL WALL CONSTRUCTION SEE NOTE ON PLANS

SOUD WOOD BEARING (SPRUCE No. 2).
SOUD BEARING IS TO BE AS WIDE AS SUPPORTED MEMBER OR AS DIRECTED BY STRUCTURAL ENGINEER.
SOURCOTED BY STRUCTURAL ENGINEER.
THE NUMBER SHOWN AFTER "SB" REPRESENTS THE NUMBER OF PLES REQUIRED. EXAMPLE SB3 = 3 PLY SOLID BEARING.

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 FLOO LEVEL AND ALSO 1 IN EACH BEDROOM NEAR HALL DOOR, ALARM TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND INTERCONNEC

- CARBON MONOXIDE ALARM (OBC 9.33.4.) WHERE A FLIFT-BURNING APPLIANCE IS INSTALLED IN A DWELLING UNIT, A CARBON MONOXIDE DETECTOR CONFORMING TO CAN./CGA-6.19,CSA 6.19 OR UL2034 SHALL BE INSTALLED ADJACENT TO EACH SLEEPING AREA. CARBON MONOMOLE DETECTOR(S) SMALL BE PERMANENTLY WIRED SO THAT ITS ACTIVATION WELL ACTIVATE ALL CARBON MONOMINE DETECTORS AND BE EQUIPPED WITH AM ALARM THAT IS AUDIBLE WITHIN BEDROOMS WHEN THE INTERVENING DOORS ARE CLOSED.

SOIL GAS CONTROL (QBG-9-13-4-1 & 9-13-4-2) ERBUDE CONSTRUCTION TO PREVENT LEAKAGE OF SOIL GAS

DRAIN WATER HEAT RECOVERY UNIT (DWHR) PER SB12-3.1.1.12, A DRAIN WATER HEAT RECOVERY (DWINR)
UNIT SHAPL 'GE INSTALLED IN EACH DWELLING UNIT TO RECEIVE
BEAN WATER FROM ALL SHOWERS O'R FROM AT LEAST TWO
INCOVERS WHERE THERE ARE TWO OR MORE SHOWERS IN THE
DWELLING UNIT, DOES NOT APPLY'S THERE ARE INO SHOWERS
NO. STOREY BENEATH ANY OF THE SHOWERS.

OWNER AND/OR CONTRACTOR SHALL COMER APPLICABLE LA ARIO BUILDING CODE AND ALL OTHER APPLICABLE LA

OR CHIEF WILDING OFFICIAL

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. ALL DRAWINGS TO BE USED FOR CONSTRUCTION ONLY AFTER BUILDING PERMIT HAS BEEN ISSUED.

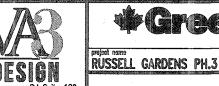
> SB-12 COMPLIANCE PACKAGE 'A1' TO BE USED FOR THIS MODEL.

envelope and equipment shall conform to the selected package unless otherwise noted.

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

SINGLES

project re. 19014



Recovery Unit (DWHR)

#Greenpark.

ci- Denotes Continuous Insulation without framing internuntio

Dependent on number of showers installed Refer to SB12-3.1.1.12 for information

WATERDOWN TYPICAL CONSTRUCTION NOTES GW GW 3/16° = 1°-0° GP-14X18-NOTES-2020-VA3-PKG-A1-19014

| Infonto ON M2J 1R4 | 416.630.2255 f 416.630.4782 | APRIL 2020 | va3design.com | OSEC - HYDOMEN

CONCRETE PILASTER 16. BEAM POCKET OR 200x200 (8°x8") POURED CONC. NIB WALLS.
MIN. BEARING 90mm (3-1/2") GARAGE SLAB INTERIOR GARAGE WALLS & CELLINGS (SB-12-TABLE 3.1.1.2.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 SEAL ALL JOINTS ARTIGHT 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 DRYER VENT(OBC-6.2.3.8.(7) & 6.2.4.1.1)
CAPPED DRYER EXHAUST VENTED TO EXTERIOR. (USE 100mm (4") DIA. SMOOTH WALL VENT PIPE). 23) ANSULATED ATTIC ACCESS (OBC-9.19.2.1, @ 5912-3.1.1.8)
ATTIC ACCESS HATCH WITH MIN. DIMENSION OF 545x700mm (21-1/2'×27-1/2') & MM. AREA OF 0.32 SQM. (3.44 SQ.FT.) WITH WEATHERSTRIPPING. RS 3.52 (R20) RIGD INSULATION BACKING. SEE OBC SB-12, 3.1.1.8. FIREPLACE CHIMNEYS -CBC. 9.21.-

JOIST STRAPPING AND BRIDGING (SEE OSC. 9.23.9.4)

SEXPOSED BUILDING FACE —ORC. 9.10.15.

(35) 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 CLOUD IN NON-COMBUSTIBLE MATERIAL. SEE ELEVATIONS FOR ABDITIONAL MOTES.

COLD CELLAR PORCH SLAB (OBC 9.39.)

BRICK CHECK

BRICK CHECK

THE FOIN, WALL SHALL NOT BE REDUCED TO LESS THAN 90mm (3-1/2")

THICK TO A MAX. DEPTH OF GEOMM (26") AND SHALL BE TIED TO THE

FACING MATERIAL WITH METAL THES SPACED 200mm (8") O.C. VERTICALLY

THE SPACE BETWEEN WALL AND

CONVENTIONAL ROOF FRAMING (2.0Kpg, SNOW LOAD)

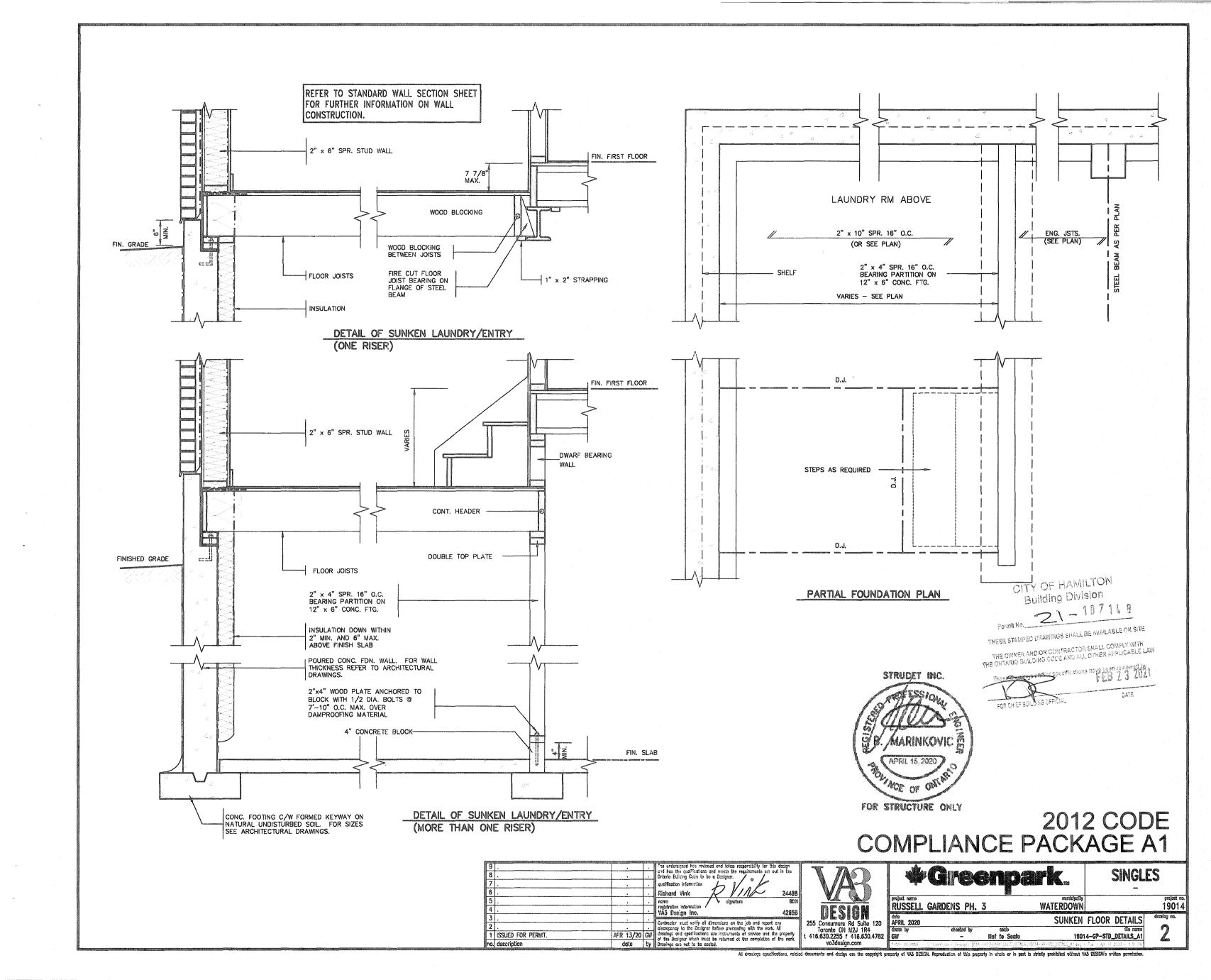
1-38×140 (1-2°x6°) bottom plate & minimum of 3-38×184 (3-2°x6°) Cont. Header at grnd. Celing level toe-nailed & glued at top, BOTTOM PLATES AND HEADERS.

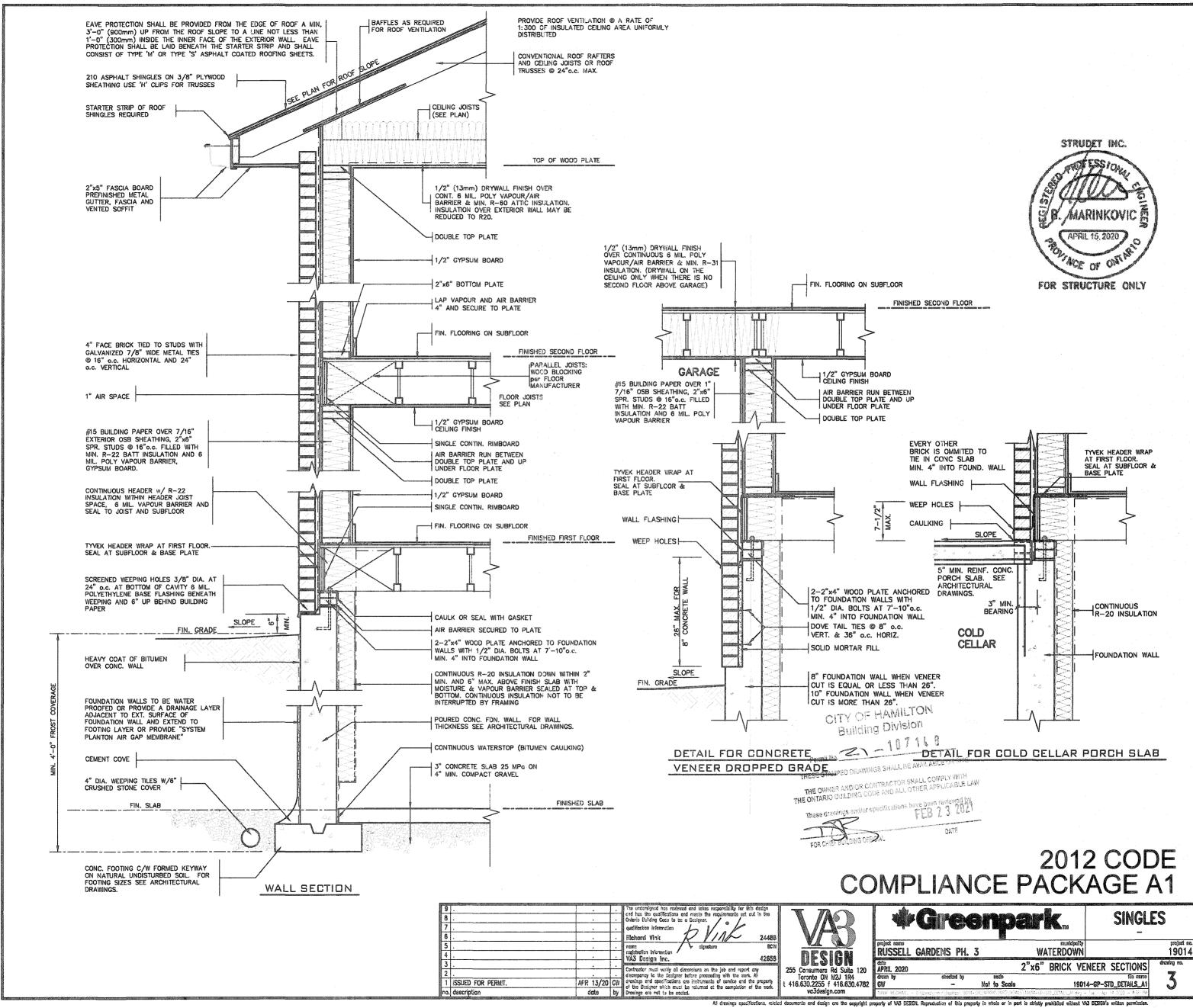
=2-1 3/4"x14" =3-1 3/4"x14"

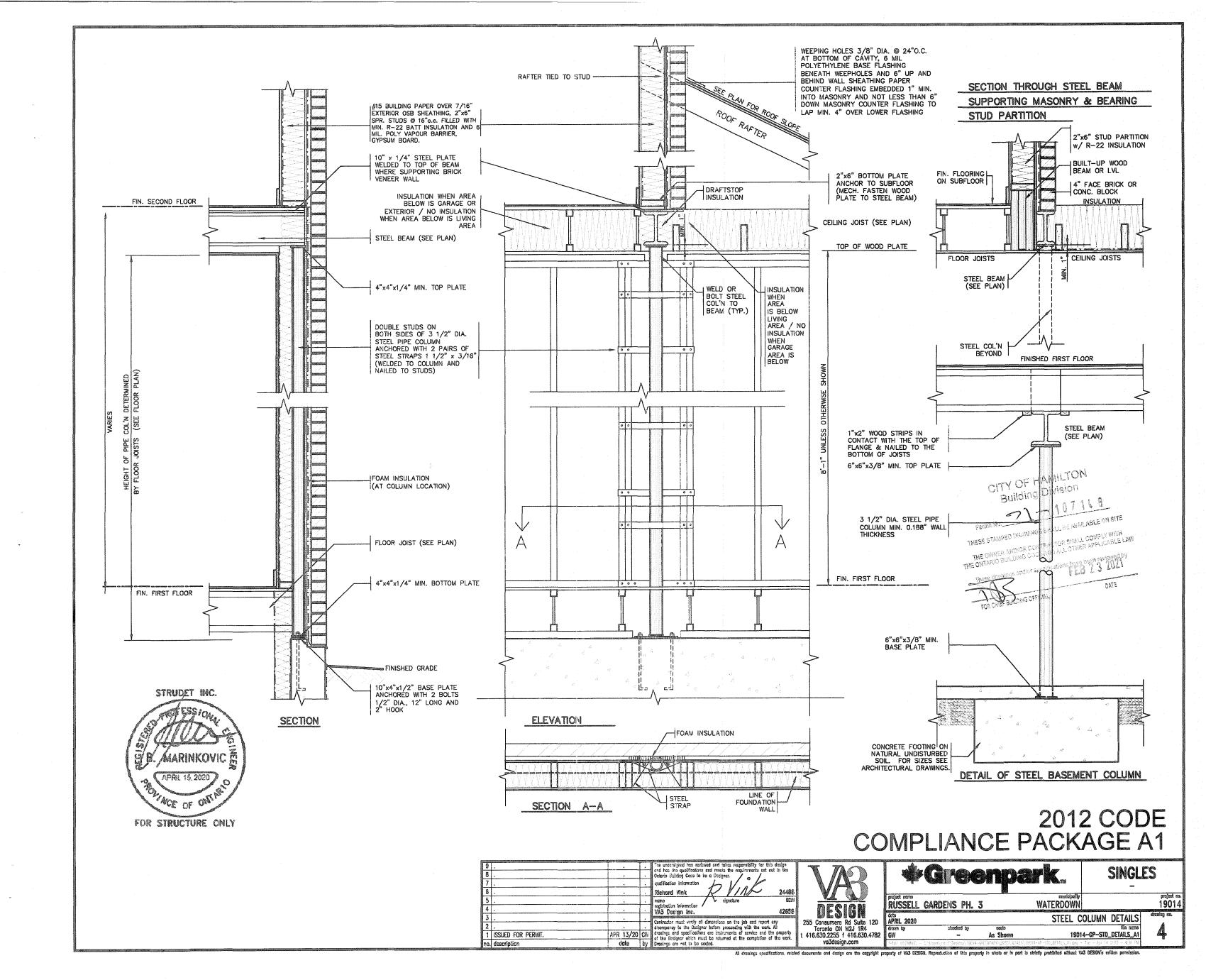
24488

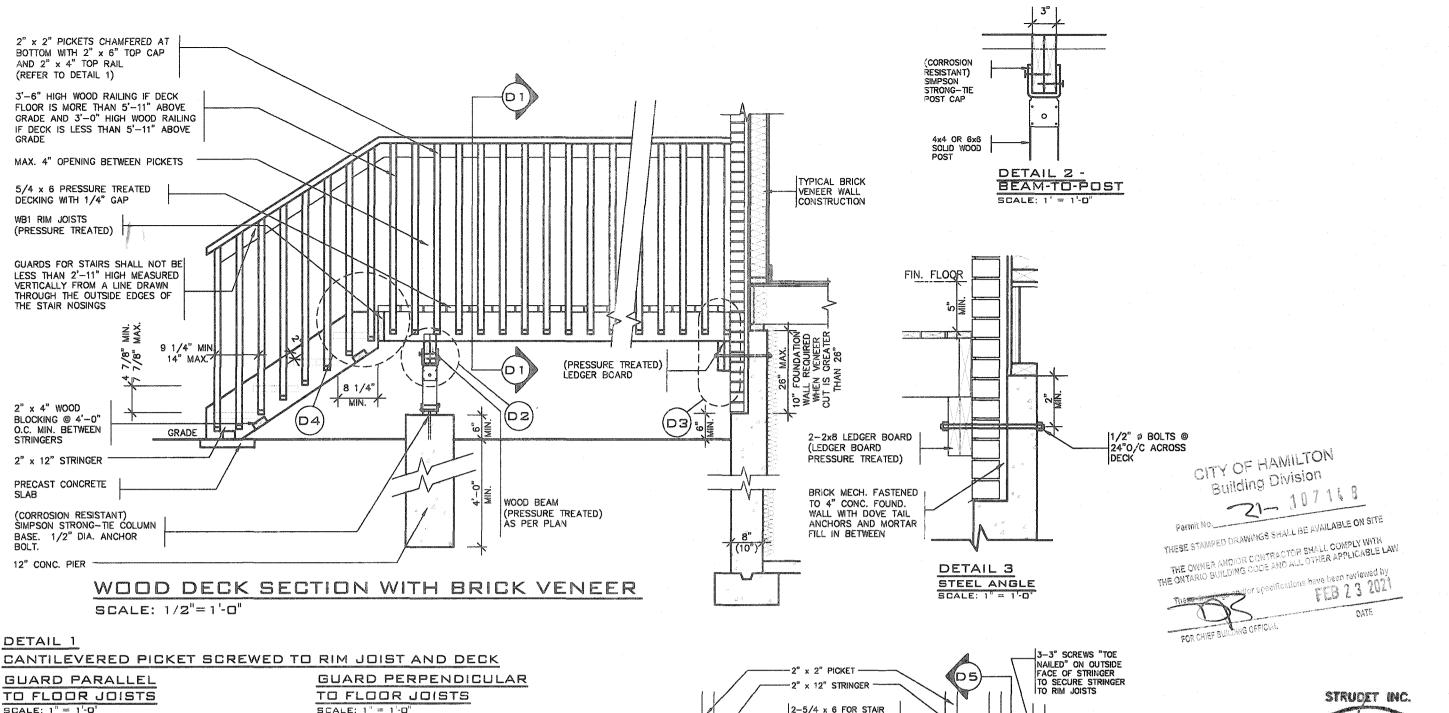
DESIGN 255 Consumers Rd S Toronto CN M2J

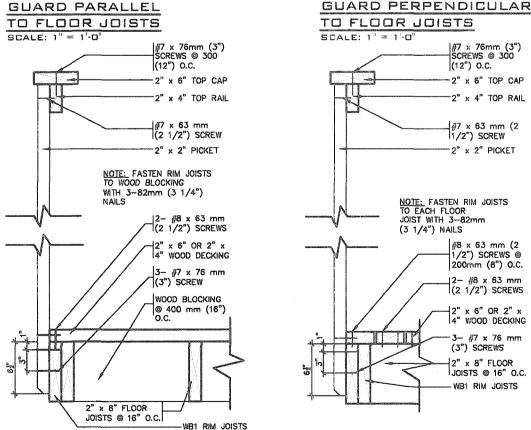
Rd Suite 120

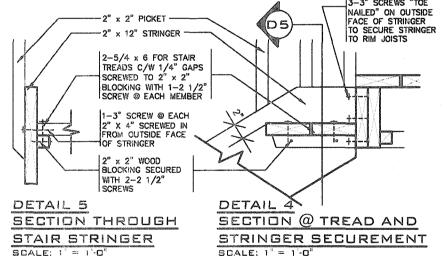












MARINKOVIC APRIL 15, 2020 WOE OF ONLE FOR STRUCTURE ONLY

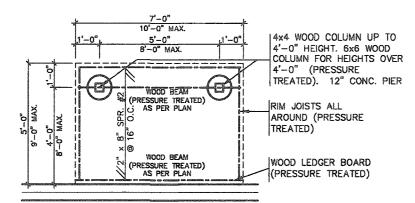
### GENERAL NOTES

- 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].

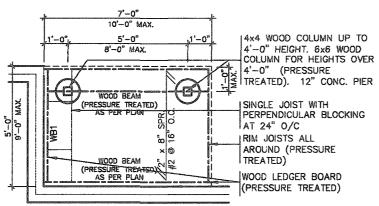
  WB1= 2- 2"x8" (PRESSURE TREATED) WB3= 2- 2"x10" (PRESSURE TREATED)





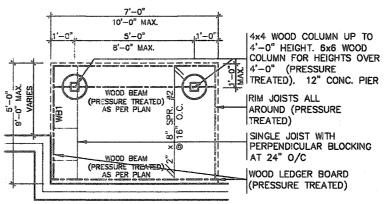
## TYPICAL DECK LAYOUT

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



TYPICAL DECK LAYOUT

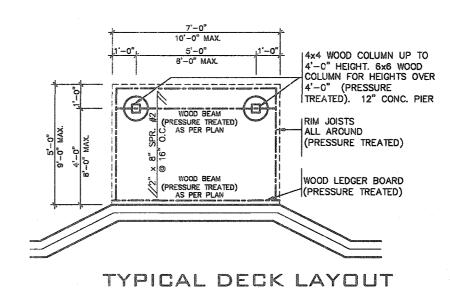
SCALE: 1/4"=1'-0"



## TYPICAL DECK LAYOUT

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

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



FOR STRUCTURE ONLY

APRIL 15, 2020

STRUCET INC.

CITY OF HAMILTON
Building Division

Permit No. 21 1071 8

THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

THESE STAMPED DISCHARGE THE COMPLY WITH

THE OWNER ANDICR CONTRACTOR SHALL COMPLY WITH

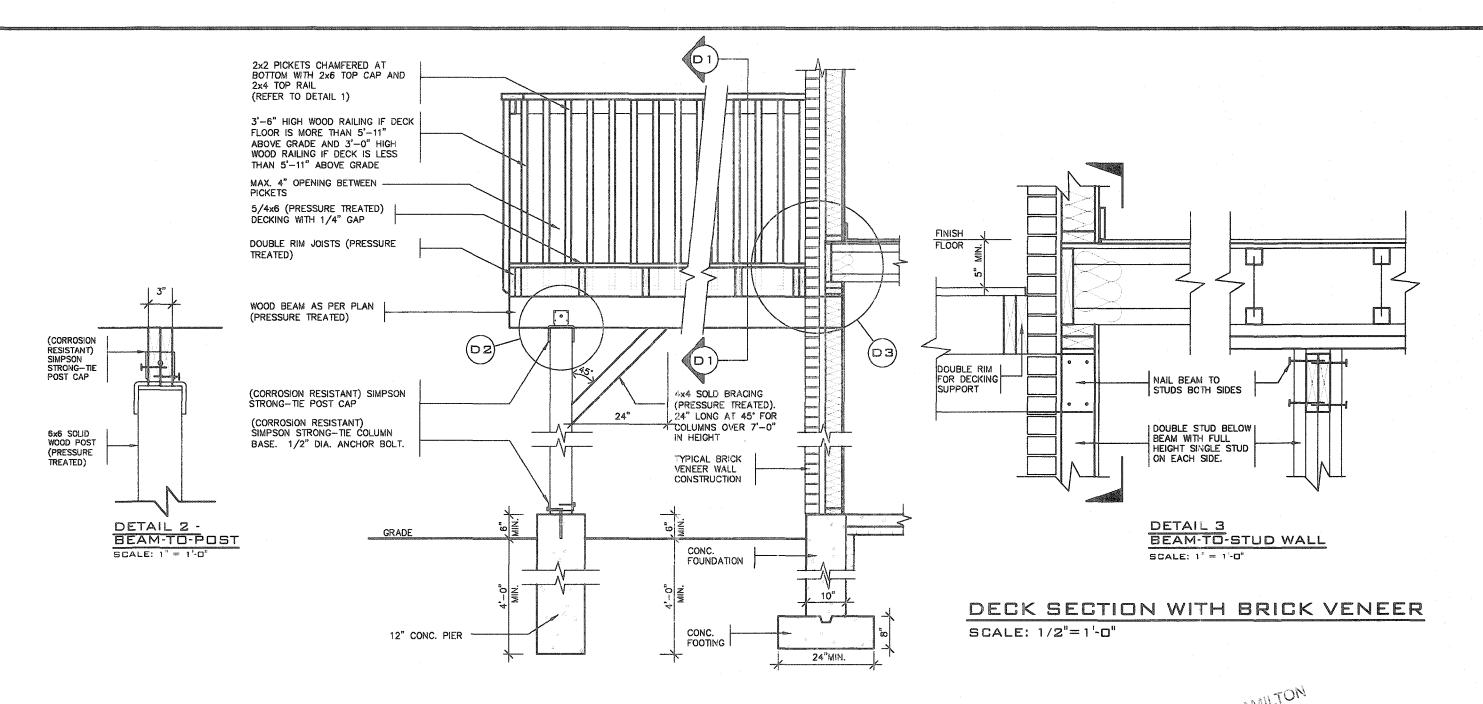
THE OWNER AND CODE AND ALL OTHER APPLICABLE LAW

HE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LAW

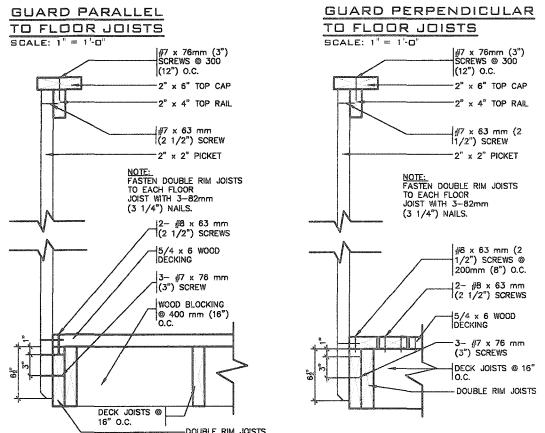
HE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LAW

These drawings and/or specifications have been reviewed and the specification of the specific

9 8 7 6				The undersigned has reviewed and tales responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Bullding Code to be a Designer.  qualification information  Etichard Vink  24488	VAR	*	Gree			SINGL	ES
5 4				name signature BON registration information VAS Design Inc. 42658	DESIGN	Prejest name RUSSELL	GARDENS PH. 3	3	WATERDOWN		project 1901
3		<u>.</u>	H	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	APRIL 2020			WOO	D DECK PLANS	droving no.
1	ISSUED FOR PERMIT.	APR 13/20	GW	drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work.	Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782	dressn by GW	checked by	As Shown	1901	4-GP-STD_DETAILS_A1	3-1
no	a. description	date	by	Drawings are not to be scaled.	va3design.com	1500 HORSE.	– C`\Users\ enn ±\ûeaktsp\; 19014-G	REENPARK\UNITS\DET <b>A</b> E	5\19014-GP-SID_DENES_A1 dag -	Toe - Apr 14 2020 - 4,55 PM	







#### NOTES **GENERAL**

- 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 150kPc [3130psf].
  WB1= 2- 2"x8" (PRESSURE TREATED) WB3= 2- 2"x10" (PRESSURE TREATED)

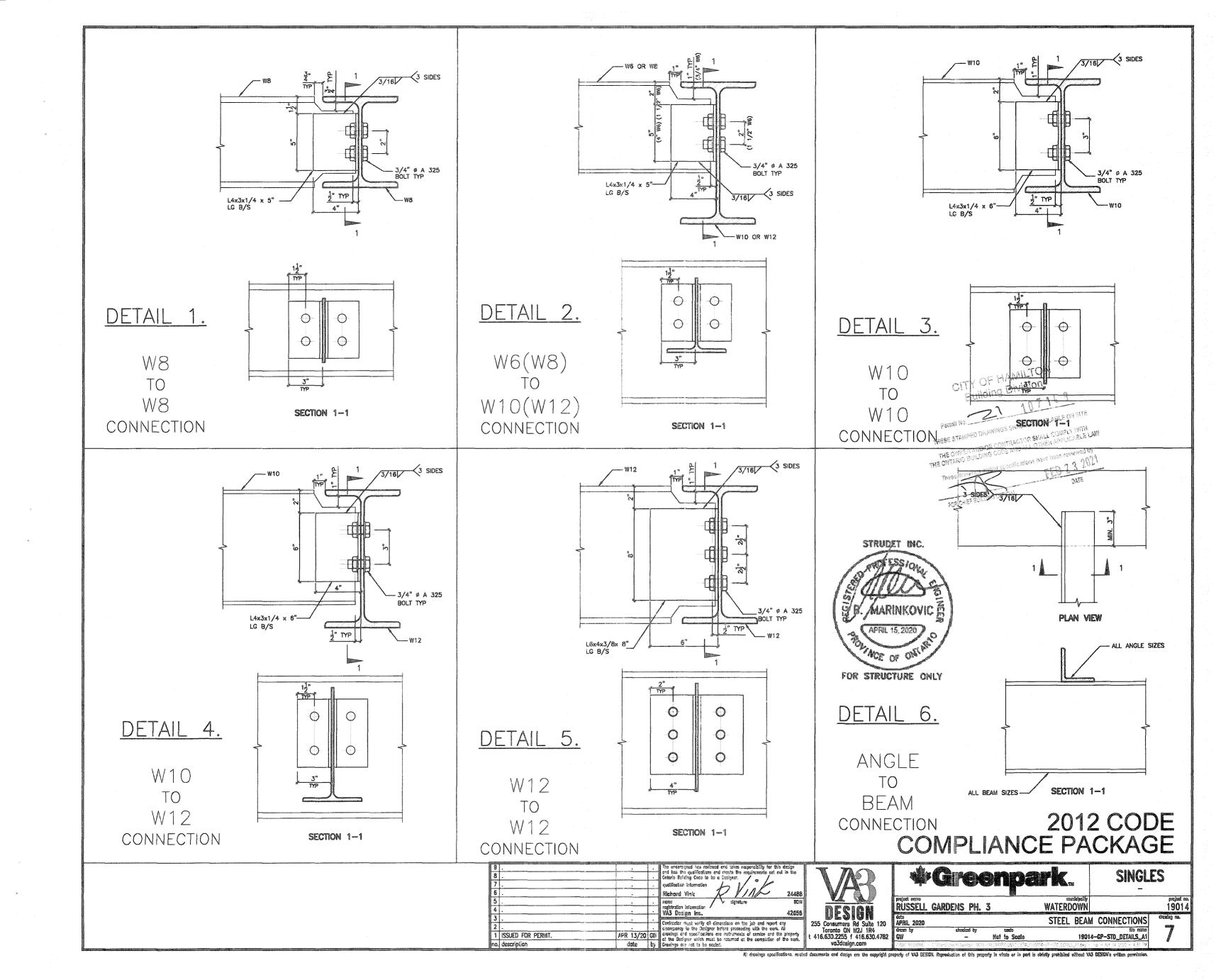
CITY OF HAMILTON
Building Division
10716 STRUDET INC.

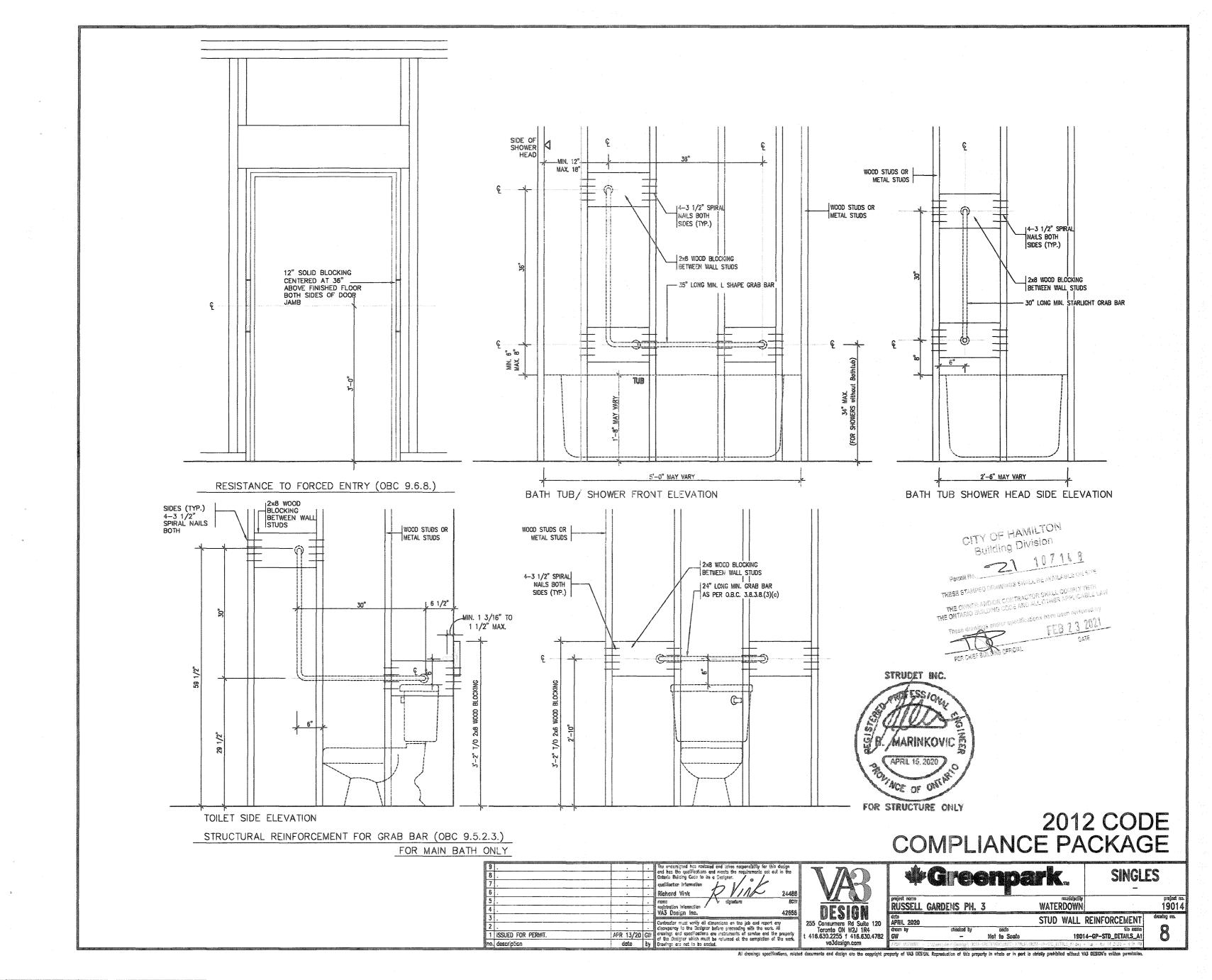
APRIL 15, 2020

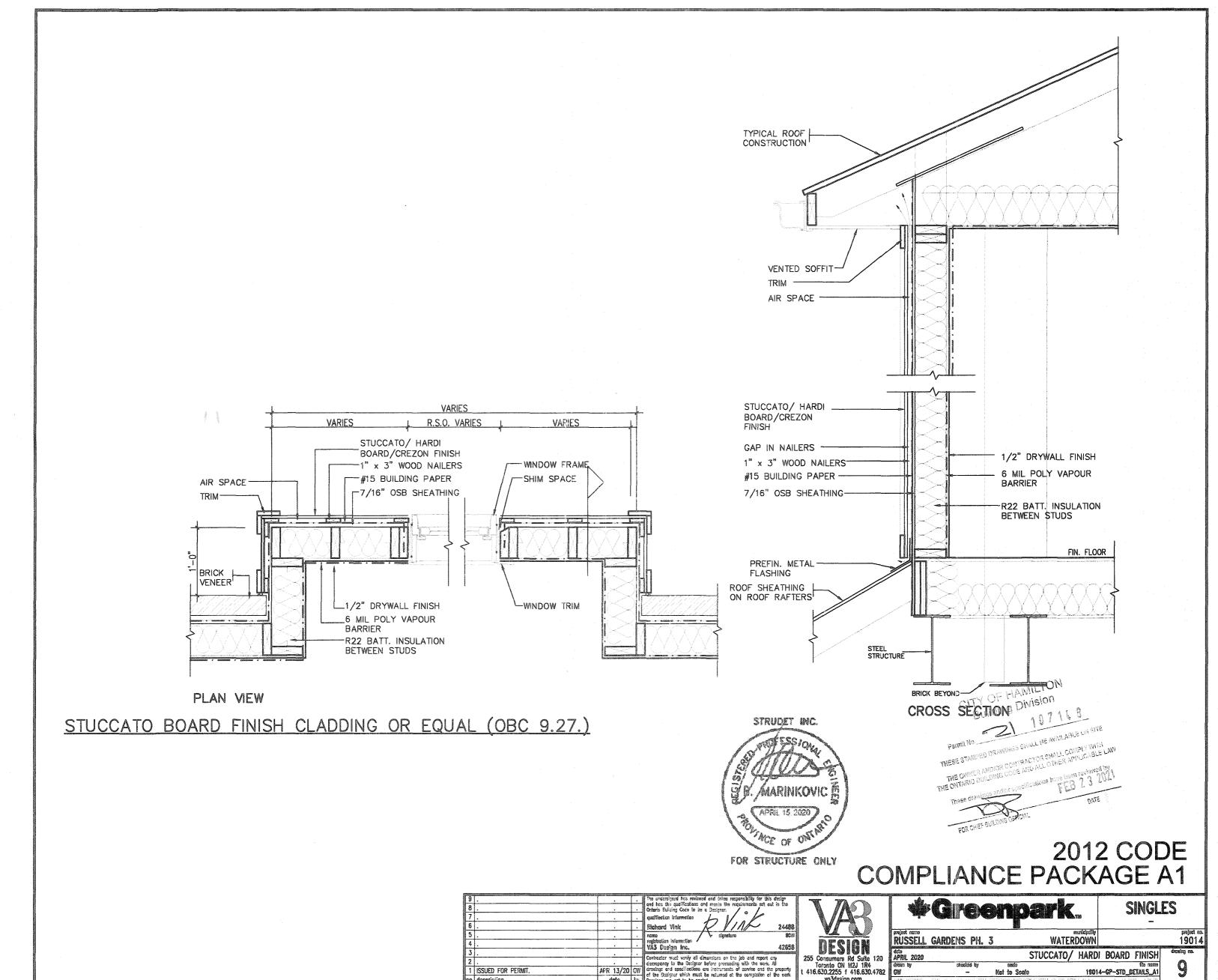
FOR STRUCTURE ONLY

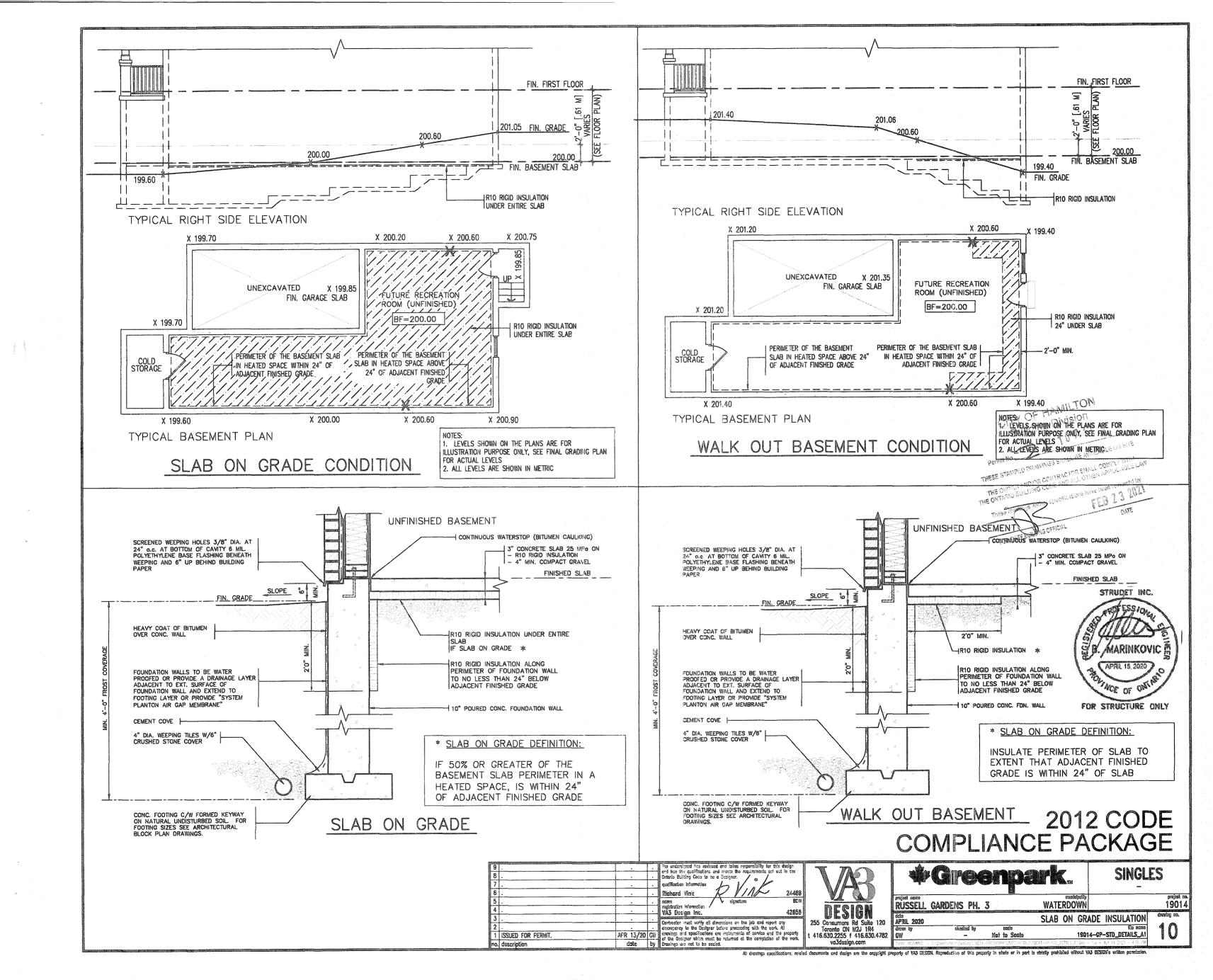
MOT OF ONLY

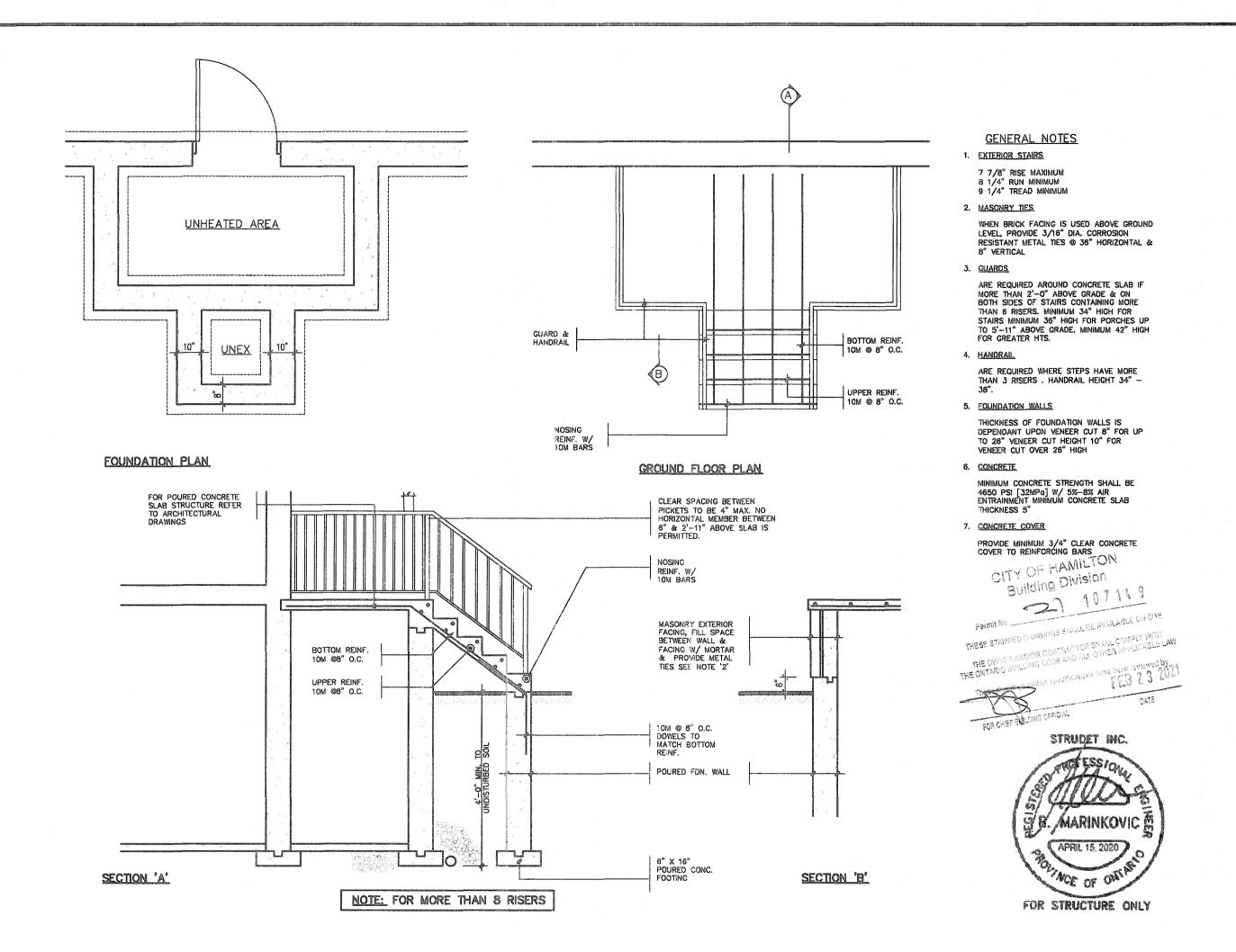
9 8 7 6				·	The undersigned has reviewed end takes responsibility for this design and hea the qualifications and meats the requirements set out in the Ontario Bailding Code to be a Designer.  qualification information  Richard Vinit	VAR		Gre	enp		SINGL	
5 4				<u>.</u>	rame signature BCN registration information VA3 Design Inc. 42658	DESIGN	RUSSELL	GARDENS PH	. 3	WATERDOWN		19014
3				<u>.</u>	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	APRIL 2020		WOOD DECK	DETAILS-WALK-		drawing no.
1	ISSUED FOR PERMIT.	APR	13/20	GW	cramings and specifications are instruments of service and the property of the Designer which must be returned at the compistion of the work.	Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782	dream by GW	checked by	As Shown	1901	file nume 4-GP-STD_DETAILS_A1	0
10.	description	de	rte	by	Drawings are not to be socied.	va3design.com	AHNE MODEVINE: -	- C-NübersNehn (NDeskleph):2	KETA-GRE NANKYORIEZ DETAL	\$\19014=CP=\$TD_DCT48.5_Alldwg ~	- Tae - Apr 14 2023 - 4:38 PM	. ~



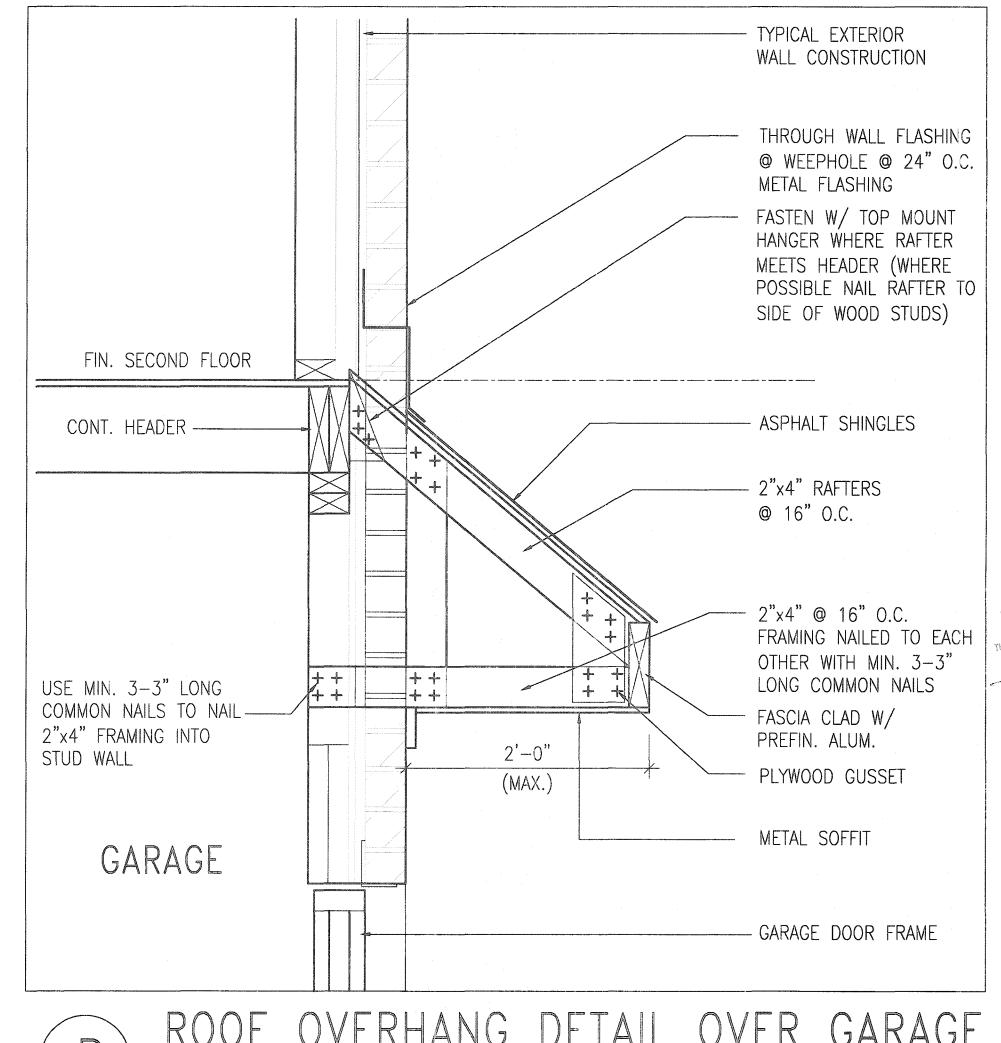








9   .   8   .   7   .   6   .	: : :		The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Onterio Bullding Code to be a Designer.  qualifiechem information  Richard Vinix  24488	VAR		Gree	anp.	ark.	SINGLE	S
5 .		i.	name signature BCIN registration information VAS Design Inc. 42558	0 <b>1007 AND 10:100A</b> AND 1	PRIJECT NETTS RUSSELL	GARDENS PH.	3	WATERDOWN		project : 1901
3 . 2 .			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	doto APRIL 2020 dress by	checked by	porto	POURED CONC	. PORCH STEPS	drawing no.
1 ISSUED FOR PERMIT. ro. description	APR 13/20 date	GW by	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	GW	**	Not to Scale	<b>1901</b> S\19014-KP-STD_DETAES_ALGWG -	4-GP-STD_DETAILS_A1	

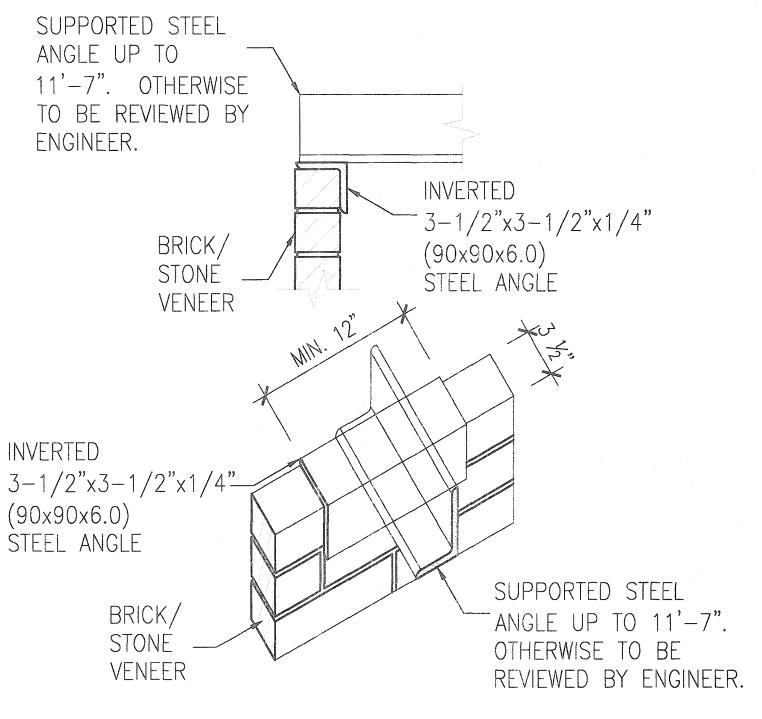


CITY OF HAMILTON

FOR STRUCTURE ONLY

ROOF OVERHANG DETAIL OVER GARAGE

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 other of building Code to be a Designer.  qualification information  Etichand Vinik  24488	VAR	4	Greenpa		SINGLE	:5
5 . 4 .	ŀ.	name signature BCM registration information VA3 Design Inc. 42658	DESIGN	Project name RUSSEL	L GARDENS PH. 3	WATERDOWN		1901
3 . 2 .	·	Contractor must verify di dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All	255 Consumers Rd Suite 120	dote APRIL 2020 drawn by		DETAIL OF E	XTENDED ROOF	dressing no.
1 ISSUED FOR PERMIT. no. description	 GW	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.	Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com	GW	checked by seeds  - Not to Scale  - O'Users \ an in Deckton \ 3014 - 680 Not RX \ Statio \ 3014 \ 30		4-GP-STD_DETAILS_A1	12

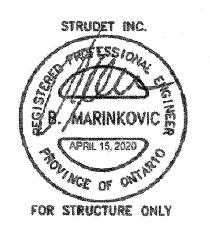


CITY OF HAMILTON
Building Division

Permit No. 2 1 10 7 1 6 8

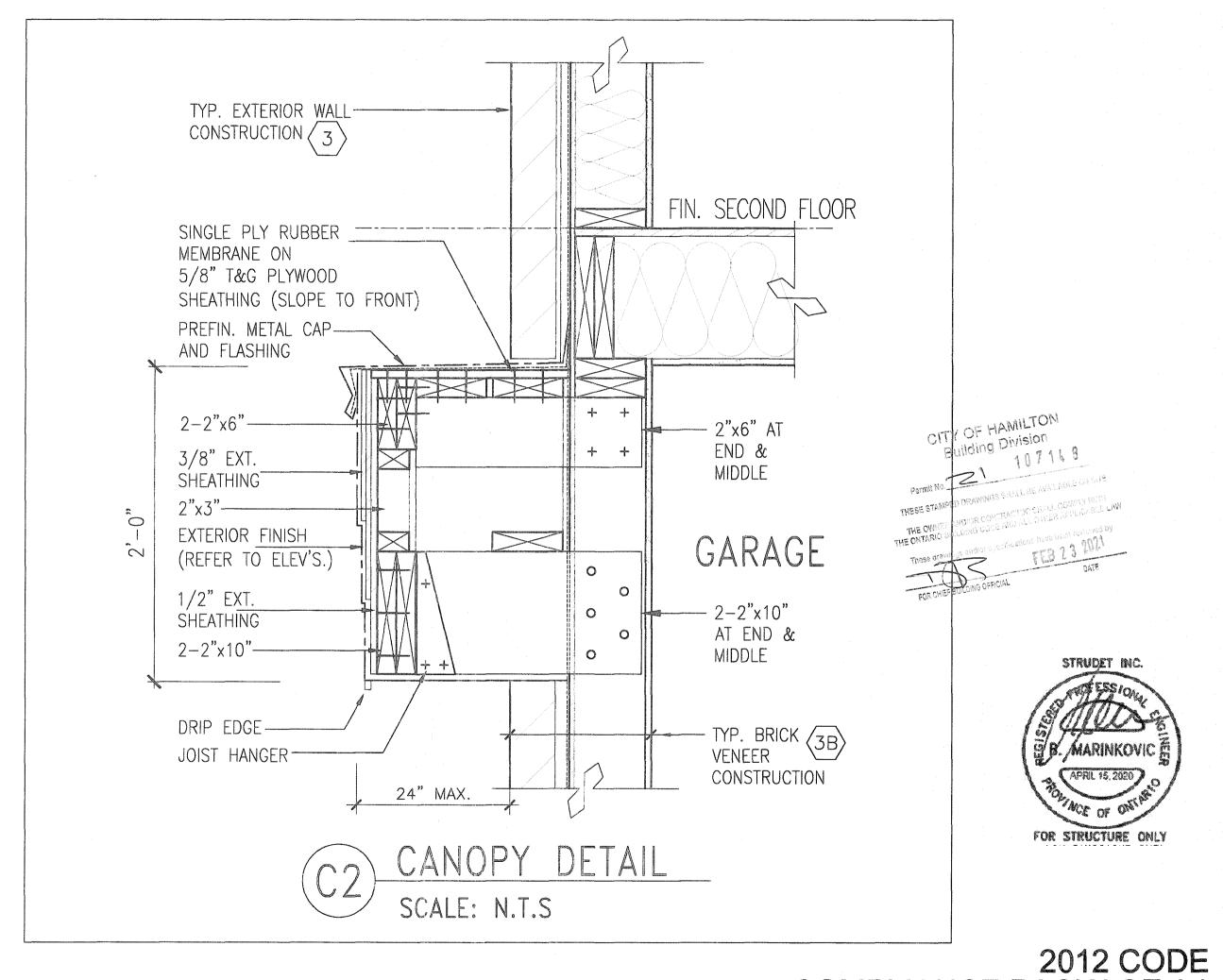
THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE
THE OWNER AND/OR CONTRACTOR SHALL COMPLY WITH
THE OWNER AND/OR CODE AND ALL OTHER APPLICABLE LAW
THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LAW
THOSE drawings and/or specifications have been reviewed by

FEB 23 2021



# INVERTED STEEL ANGLE DETAIL

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 Ontario Bullding Code to be a Designer.  Qualifiedcon information  Richard Wink  24488	VAR	<b>A</b>	Green	park.	SINGL	ES
5 . 4 .		·	nome signature BCN registration information VA3 Design (no. 42658	DESIGN	Project name RUSSELL	GARDENS PH. 3	WATERDOWN		project no. 19014
3 . 2 .		<u>.</u>	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	dete APRIL 2020 drown by	chooled by seele	INVERTE	D STEEL ANGLE	ározing no.
1 ISSUED FOR PERMIT. no. description	APR 13/20 date	C₩		t 416.630.2255 f 416.630.4782 va3design.com		- Net to S - C \ Users \ \ sen \ U\ \ Deekkig \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	icale 1901 SVRIMESVISCIA-GR-SID_BYTALE_ALdeg -	4-GP-STD_DETAILS_A1	IJ



9 . 8 . 7 . 6 .		The undersigned has reviewed and takes responsibility for this design and has the qualifications and media the requirements set out in the Ontario Building Code to be a Designer, qualification information  Richard Vinik	VAR	*Greenp	ark. Sing	LES
5 . 4 .	<u> </u>	. name signature BCN registration information vA3 Design Inc. 42658	PEALAN I	Project nutre RUSSELL GARDENS PH. 3	WATERDOWN	project i 1901
3 . 2 .		Contractor must verify all dimensions on the job and report any Giscrepancy to the Designer before proceeding with the work. All	255 Consumers Rd Suite 120	date APRIL 2020 drawn by cheefed by people	CANOPY ROOF AT GARAGE DETAIL	<b>→</b>
1 ISSUED FOR PERMIT.	APR 13/20 G date t	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			