- 1. ROOF CONSTRUCTION NO.210 (10.25kg/m2) ASPHALT SHINGLES, 10mm (3/8") PLYWOOD SHEATHING WITH "H" CLIPS. APPROVED WOOD TRUSSES @ 610mm (24") O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 900mm (3'-0") O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND SOOmm (3'-0') FROM EDGE OF ROOF AND MIN. 300mm (12') EFYOND RINER FACE OF EXTEROR WALL, (EAVES PROTECTION NOT REQ'D FOR ROOF SLOPES 8:12 OR GREATER) 38:49 (2"x4") TRUSS BRACING @ 1830mm (6'-0') O.C. AT BOTTOM CHORD. PREFIN. ALLIM. EAVESTROUGH, FASCIA, RIVL & VENTED SOFFIT. PROVIDE ICE & WATER SHEED 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 (0BG 9.19.1.2.).
- FRAME WALL CONSTRUCTION (2°x8°) (SB-12-TABLE 3.1.1.2.A)
 SIDING AS PER ELEV., 19x38 (1°x2°) VERTICAL WOOD FURRING, COMIN.
 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 CONTING MIN BARRIER, 13mm (1/2") INT. DRYWALL FINISH. SIDING TO BE MIN. 200mm (8") ABOVE FINISH GRADE, REFER TO OBC SB-12, CHAPTER 5 FOR REQUIRED MINIMUM PHERMAL INSULATION REQUIREMENTS. FRAME WALL CONSTRUCTION (2"x4")— GARAGE WALLS SIDING AS PER FLEY 10×38 (1"x4")— GARAGE WALLS
- STONG AS PER ELEV., 19x38 (1°x2") VERTICAL WOOD FURRING, CONTIN.
 SHEATHING MEMBRANE, 11mm (7/16") EXT. TYPE SHEATHING OR OSC
 COMPLIANT EQUIVALENT, 38x89 (2°x4") STUDS © 406mm (16") O.C.
 (MAX. HEIGHT 3000mm (9"-10")), WITH APPR, DIAGONAL WALL BRACING.
 REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE CARAGE. SIDING TO BE MIN. 200mm (8") ABOVE FINISH GRADE.
- 2C STUCCO WALL CONSTRUCTION (2° x6") (SB-12-TABLE 3.1.1.2.A)
 STUCCO CLADDING SYSTEM COMPONENTS 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 RIGHT POLYSTYRENE ON APPR. AIR/MOISTURE BARRIER ON 38x140 (2°x6°) POLYSTHERE ON APPH. ANYMOISTIME BANGER ON 30X140 (2 Xo) STUDS @ 406 (16") O.C., RS 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 REQUIREDRIS.
- STUCCO WALL CONSTRUCTION (2°x4°) —GARAGE WALLS
 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 WIFE
 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°) 20) STUDS @ 406 (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 WALLS ADJACENT TO ATTIC. — NO CLADDING , 11mm (7/16⁻) EXT. TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT, 38x140 (2²x6⁻) STUDS © 400mm (16²) O.C., RS 3.87 (R22) INSULATION AND APPR. WAPOUR BARRIER AND APPR. CONTIN. AIR BARRIER, 13mm (1/2ⁿ) INTERIOR DRYWALL FINISH. MID—HEIGHT BLOCKING REQ¹D. IF NO SHEATHING APPLIED. REFER TO OBC 58-12, CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS. $\langle 2E \rangle$
- 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 @ 408mm (16") O.C. HORIZONTAL 510mm (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. INSULATION AND APPROVED VAPOUR BARRIER WITH APPROVED COMM.

 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") BERIND BUILDING PAPER. BRICK

 TO BE MIN. 150mm (6") ABOVE FINISH GRADE. REFER TO OBC SB-12,
 CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMENTS
- BRICK VENEER CONSTRUCTION (2°x4")- GARAGE WALLS 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 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 ORC COMPLIANT FOLIVALENT. (7/16") EXTERIOR TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT,
 38x89 (2"x4") STUDS @ 408mm (16") O.C. (MAX. HEIGHT 3000mm
 (9"-10")) WITH APPROVED DIAGONAL WALL BRACING. REFER TO NOTE 19
 WHERE FLOOR EXISTS ABOVE GRAGE. FRONTIE 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") (SR-12-TABLE 3.1.1.2.A) STUCCO WALL CONSTRUCTION (2"x6") (58-12-TABLE 3.1.1.2.A)

 STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.2.7.1.(2) & 9.28

 THAT EMPLOYS A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITHOUT A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITHOUT AND APPLIED PER MANUFACTURERS

 SPECIFICATIONS OVER 25mm (1") MIN. EXTRUDED OR EXPANDED NIGO
 POLYSTYRENE ON APPR. CONTIN. MRY.MOISTURE BARRIER ON 38x140

 (2"x6") STUDS @ 406mm (16") O.C., RSI 3.87 (R22) BATT INSUL.,
 APPR. 6 MIL. POLYETHYLENE VAPOUR BARRIER, 13mm (1/2") GYPSUM
 WALLBOARD INTERIOR FINISH. STUCCO TO BE MIN. 200 (8") ABOVE
 FINISH GRADE. REFER TO OBC SP-12, CHAPTER 3 FOR REQUIRED
 MINIMUM THERMAL INSULATION REQUIREMENTS.



STRUDET INC. FOR STRUCTURE ONLY

- INTERIOR STUD PARTITIONS
- ATTENDRY STOD PARTITIONS

 4. FOR BEARING PARTITIONS 38x89 (2"x4") @ 406mm (16") O.C.

 FOR 2 STOREYS AND 305mm (12") O.C. FOR 3 STOREYS,

 NON-BEARIND PARTITIONS 38x89 (2"x4") @ 610mm (24") O.C.

 PROVIDE 38x69 (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: (8.15.3, 9.15.4, 9.13.2, 9.14.2.1/2)) 200mm (8") POURED CONC. FDTN. WALL 15MPa (2200ps)) WITH BITUMENOUS DAMPPROOFING AND DRAINAGE LAYER, DRAINAGE LAYER REQ'D. WHEN BASEMENT INSUL EXTENDS 900 (2'-11") BELOW FIN. GRADE, DRAINGE LAYER IS NOT REO'D, IF FOUNDATION WALL IS WATERPROOFED, 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 MATURAL UNDISTURBED SOIL OR COMPACTED ENGINEERED FILL

STRIP FOOTINGS - FOR TOWNHOUSES FOR STRIP FOOTING SIZES REFER TO BLOCK FOUNDATION PLAN. ASSUMED 120 KPg (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

- 6) FOUNDATION DRAINAGE ORC. 9.14.2. & 9.14.3.
 100mm (4") DIA FOUNDATION DRAINAGE TILE 150mm (6") CRUSHED STONE OVER AND AROUND DRAINAGE TILES.
- 7. BASEMENT SLAB OBC. 9.3.1.6.(1)(b). 9.16.4.5.(1). 9.25.3.3.(15) 80mm (3")MIN. 25MPa (3600ps) CONC. SLAB ON 100mm (4")
 COARSE GRANULAR FILL, OR 20MPa. (3000ps) 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. FLUOR.

 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 RESILIENT &
 PARQUET FLOORING.
- 9. ATTIC INSULATION (SB-12-TABLE 3.1.1.2.4) (SB-12-3.1.1.8)
 RSI 10.56 (R60) BLOWN IN ROOF INSULATION AND APPROVED WAPOUR
 BARRIER, 16mm (5/8") INT. DRYWALL FINISH OR APPROVED EQUAL
 RSI 3.52 (R20) MIN. ABOVE INNER SURFACE OF EXTERIOR WALL
- ALL STA UNIFORM STAIRS/EXTERIOR STAIRS —OBC. 9.8.—
 FORM RISE —5mm (1/4") MAX BETWEEN ADJACENT TREADS
 OR LANDINGS -10mm (1/2") MAX BETWEEN TALLEST & SHORTEST RISE IN FLIGHT
 - = 200 (7-7/8") MAX, RISE = 200 (/-/s) = 210 (8-1/4") = 235 (9-1/4") = 25 (1") = 1950 (6'-5") = 900 (2'-11") = 865 (2'-10") to 965 (3'-2") MIN. RUN MIN. TREAD MIN. HEADROOM
 - RAIL @ LANDING RAIL @ STAIR MIN. STAIR WIDTH = 860 (2'-10") FOR CURVED STAIRS
 - = 150 (6") = 200 (8") MIN. RUN MIN. AVG. RUN
- MIN. AVG. RUN = 200 (8")

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

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

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

SILL PLATE ANCHORAGE

- 38.1. PLATE ANCHORAGE.

 38.89 (2*4°) SLI 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
 BETIVEEN PLATE AND TOP OF FITN. WALL
 USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED.
- BASEMENT INSULATION (SB-12-3.1.1.7), 9.25.2.3, 9.13.2.6) BASEMENT INSULATION (58-12-3.1.1.7). 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 200 mm (8") ASOVE THE FINISHED FLOOR & NO CLOSER THAN 50 mm (2") OF THE BASEMENT SLAB. RSI 3.52ci (R20ci) ELANKET 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 WAL CAULUMG. CONTINUOUS INSULATION (ci) IS NOT TO BE INTERRUPTED BY FRAMING.
- BASEMENT BEARING STUD PARTITION
- | BASEMENT BEARING STUDE PARTITION | 38x89 (2"x4") STUDS @ 406mm (16") O.C. 38x89 (2"x4") STUDS @ 406mm (16") O.C. 38x89 (2"x4") STUDS @ 1007mm (1/2") DIA. ANCHOR BOLTS 200mm (8") LONG, EMBEDDED MIN. 100mm (4") MTO CONC. @ 2400mm (7"-10") O.C. 100mm (4") HIGH CONC. CURB ON 365x155 (12"x6") CONC. FOOTING. ADD HORIZ. BLOCKING AT
- (15) STEEL BASEMENT COLUMN (SEE O.B.C. 9.15.3.3)
 88mm(3-1/2") DIA x 4.78mm(0.188") STL COL WITH A MIN.
 CAPACITY OF 108.6kN (24,000/bs.) WITH 150x150x9.5
 (6"x6"x3/6") 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") BASE PLATE C/W
 2-12mm DIA x 300mm LONG x50mm HOCK ANCHORS
 (2-1/2"x12"x2"). TIE 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-SDS 6.35x38 (1/4"x1 1/2") SOREWS MANUF.
 BY SIMPSON STRONG TIE.

- CONCRETE PILASTER 16. BEAM POCKET OR 200x200 (8"x8") POURED CONC. NIB WALLS. MIN. BEARING 90mm (3-1/2")
- 19x38 (1°x2") CONTINUOUS WOOD STRAPPING BOTH SIDES OF STEEL BEAM. (OBC. 9.23.4.3.(3c))
- GARAGE SLAB

 100mm (4") 32MPG (4640ps) CONC. SLAB WITH 5-BZ AIR
 ENTRANMENT ON OPTIONAL 109 (4") COARSE GRANULAR FILL WITH
 COMPACTED SUB-BASE OR COMPACTED NATIVE FILL

 SCALA CONTROL (SCALEBING) AT 15 MIN. (18.) SLOPE TO FRONT (EXTERIOR) AT 1% MIN.
- INTERIOR GARAGE WALLS & CEILINGS (SE-12-TABLE 31.1.2.A) TISME (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 ARTICHT PER O.B.C. 9.10.9.16. REFER TO SE-12, TABLE 3.1.1.2.A. FOR REQUIRED THERMAL INSULATION.
- 20) DOOR AND FRAME GASPROOFED, DOOR EQUIPPED WITH SELF CLOSING DEVICE AND WEATHERSTRIPPING PER OBC 9.10.13.15.
- 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. 21.
- DRYER VENT (OBC-6.2.3.8.(7). & 8.2.4.1.1)
 CAPPED DRYER EXHAUST VENTED TO EXTERIOR. (USE 100mm (4") DIA SMOOTH WALL VENT PIPE).
- 23 ATTIC ACCESS HATCH WITH MIN. DIMENSION OF 545x700mm (21-1/2"227-1/2") & MM. AREA OF 0.32 SV.M. (3.44 SQ.FT.) WITH WEATHERSTRIPPING. RSI 3.52 (R20) RIGID INSULATION BACKING. SEE OBC SB-12, 3.1.1.8.
- FIREPLACE CHIMNEYS -CBC. 9.21.-TOP OF FIREPLACE CHIMNEY SHALL BE 915 mm (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.
- (26) MECHANICAL EXHAUST
 MECHANICAL EXHAUST FAIN, VENTED TO EXTERIOR AS REQUIRED BY 08C. 9.32.3.5. & 9.32.3.10.
- STEEL BEARING PLATE FOR MASONRY WALLS 27) SIECL BEARDING FLAIL FUN MICHAENTI, NORMAN AND 280x260x16 (11"x11"x5/8") STL. PLATE FOR STL BEAMS AND 280x260x12 (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 SOLID BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTED MEMBER. SOLID WOOD BEARING COMPRISED OF BUILT-UP WOOD STUDS TO BE CONSTRUCTED IN ACCORDANCE WITH OBC 9.17.4.2(2).
- (28) CLASS 'B' VENT (2'-0") ABOVE THE POINT IN CONTACT WITH THE ROOF FOR SLOPES UP TO 9/12, REFER TO THE ONTARIO GAS UTILIZATION CODE.
- BASEMENT WCOD POST (OBC 9.17.4.)
 3-38x140 (3-2°x3") BUILT-UP-POST ON METAL BASE SHOE ANCHORED TO CONC. WITH 12.7 DIA BOLT, 406x408x203 (16°x16°x8") CONC. FTG. OR AS OTHERWISE SPECIFIED ON DRAWING. 29.
- STEPPED FOOTINGS (OBC 9.15.3.9.)
 MIN. HORIZ. STEP = 600mm (24°).
 MAX. VERT. STEP = 600mm (24°).
- MAN. VEXT. SIEP = 600mm (24).

 SLAB ON GRADE
 MIN. 100mm (4") CONCRETE SLAB ON GRADE ON 100mm (4")
 COARSE GRANULAR FILL REINFORCED WITH 6x6-W2.9xW2.9 MCSH
 PLACED NEAR MID-DEPTH OF SLAB. CONC. STRENGTH 32 MPG
 (4640 psi) WITH 5-8% AIR ENTRAINMENT ON COMPACTED
 SUB-GRADE UNDER SLAB INSULATION AS PER CBC. 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 LINTELS
L1 =3-1/2° x 3-1/2° x 1/4°L (90×90×6.0L)
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)
LAMINATED VEHEER LIMITER (LVI.) BEAUS
LVL1A =1-1 3/4"x7 1/4" (1-45x184)
LVL1 =2-1 3/4°x7 1/4" (2-45x184)
LVL2 =3-1 3/4°x7 1/4" (3-45x184)
LVL3 =4-1 3/4°x7 1/4° (4-45x184) LVL4A =1-1 3/4°x9 1/4° (1-45x235)
LVL4A =1-! 3/4°x9 1/4° (1-45x235)
LVL4 =2-1 3/4"x9 1/4" (2-45x235)
LVL5 =3-1 3/4"x9 1/4" (3-45x235)
LVL5A =4-1 3/4°x9 1/4° (4-45x235)
LVL6A =1-1 3/4"x11 7/8" (1-45x300)
LVL6 =2-1 3/4°x11 7/8° (2-45x300)
LVL7 =3-1 3/4°x11 7/8" (3-45x300)
LVL7A =4-1 3/4°x11 7/8° (4-45x300)
LVL8 = $2-1 \frac{3}{4}$ x14° (2-45x356)

PAD FOOTINGS | 223 FCOTENES|
| 120 (PA. NATIVE SOIL | 90 (PA. ENGINEERED FILL SOIL)
| FI = 42°442°×18° CONCRETE PAD | FI = 48°448°×20° CONCRETE PAD
| F2 = 36°436°×16° CONCRETE PAD | F2 = 40°440°×16° CONCRETE PAD
| F3 = 30°×30°×12° CONCRETE PAD | F3 = 34°×34°×12° CONCRETE PAD
| F4 = 24°×24°×12° CONCRETE PAD | F4 = 28°×26°×12° CONCRETE PAD
| F5 = 16°×16°×8° CONCRETE PAD | F5 = 18°×18°×8° CONCRETE PAD

(refer to floor flan for unusual size pads not on chart.) DOOR SCHEDULE NOS. WADTH HEIGHT HEIGHT 8'to 9' 10' OR MORE CENLING CEILING 2'-10" 6'-8" 2'-8" 6'-8" 2'-8" 6'-8" 2'-6" 6'-8" 2'-6" 6'-8" 2'-6" 6'-8" 2'-6" 6'-8" 8'-0" 8'-0" 8'-0" 8'-0" 8'-0" 8'-0"

### SPR. No.2 ### No.2 #	$LVL9 = 3-1 \ 3/4"x14" \qquad (3-45x356)$	7 1'-6" 6'-8"	S'-G" INTERIOR SLAB DOOR
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	BRICK VENEER LINTELS		WOOD LINTELS AND SEAMS
	\(\frac{\pmatrix}{2} = 4^n \times 3-1/2^n \times 5/16^n \(\frac{1}{27889} \times 79.\)\(\pmatrix\)\(\p	+ 2-2"x6" SPR. No.2 + 2-2"x10" SPR. No.2 + 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	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" (4-38x235) SPR No.2

To undersigned has reviewed and takes responsibility for this design and has the qualifications and moots the requirements set out in the interior Building Code to be a Designer. Vink valification information Richard Vink DEC 03/20 GW 42658 3 SB NOTE FURTHER DEFINED. DEC 03/20 GW
AUG 24/20 GW
AUG 24/20 GW
derepancy to the Designer before proceeding with the work. All
APR. 13/20 GW
drawings and specifications are instruments of service and the property
date by
Contractor must verify all dimensions on the job and report any
description of the Designer which must be returned at the completion of the work.
Drawings are not to be scaled. 2 RE-ISSUED. 1 ISSUED FOR PERMIT no. description

DIRECT VENTING GAS FURNACE VENT

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,
EXHAUST AND INTAKE VENTS, HRV INTAKE TO BE A MIN. OF 1830mm

(6'-0') FROM ALL ENHAUST TERMINALS, REFER TO GAS UTILIZATION
CODE. ALL AR 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..

333) DIRECT VENTING GAS FIREPLACE VENT
DIRECT VENT GAS FIREPLACE. VENT TO BE A MINIMUM 300mm (12")
FROM ANY OPENING AND ABOVE FIN. GRADE REFER TO GAS
UTILIZATION CODE. JOIST STRAPPING AND BRIDGING (SEE OBC. 9.23.9.4)

16mm (5/6") 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 9.30.2*) 9.30.2°)

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 TRBLES A-1 OR

A-2 STRAPPING SHALL BE 19x64 (1"x3") @ 2100mm (6'-11") O.C.

UNLESS A PANEL TYPE CEILING FINISH IS APPLED. (° SEE OBC

9.23.9.4. *) EXPOSED BUILDING FACE —OBC. 9.10.15.

EXTERIOR WALLS TO HAVE A FIRE RESISTANCE PATING 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.)

GOLD CELLAR PORGA SLAB (DBG 8.38.)

(36)

FOR MAX 2500 mm (8'-2') PORCH DEPTH (SHORTEST DM.), 125mm (4
7/8") 32MF0 (4640ps) CONC. SLAB WITH 5-8% AIR ENTRANMENT. REINF.
WITH 10M EARS © 200mm (7 7/8") O.C. EACH WAY IN BOTTOM THIRD
OF SLAB, 500.600 (23 5/8"x 23 5/8") 10M DOWELS © 600mm (23
5/8") O.C., ANCHORED IN PERMITTER FDTN. WALLS. SLOPE SLAB MIN.
1.0% FROM DOOR. SLAB TO HAVE MIN 75mm (3") BEARING ON FDTN.
WALLS PRITABE (1.1) LINTELS OVER CELLAR DOOR AND WITH 100mm (4") WALLS. PROVIDE (L1) UNTELS OVER CELLAR DOOR AND WITH 100mm (4") END BEARING.

SRICK 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 ACCOUNT (26") O.C. MADIZIONITALLY FILL SPACE BETWEEN WALL AND and 900mm (36") O.C. Horizontally, fill space between wall and facing soud with mortar.

CONVENTIONAL ROOF FRAMING (2.0kpg, SNOW LOAD)
38,140 (2",6") RASTEDS & 400 CONVENTIONAL RODE FRAMING (2.0Kpo. SNOW LOAD)

' 38x140 (2"x6") RAFTERS © 406mm (16"0.c.) FOR MAX 11"-7" SPAN,

38x140 (2"x6") REDEE BOARD. 38x89 (2"x4") COLLAR TIES AT MIDSPANS.

CEILING JOISTS TO BE 38x89 (2"x4") © 406mm (16") O.C. FOR MAX.

283mm (9'-3") SPAN & 38x140 (2"x6") © 406 (16") O.C. FOR MAX.

4450mm (14"-7") SPAN.

ANFTERS 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 SUPFORTED ROOF TRUSS LENGTH OF 6.0m, PROVIDE 2-38x140 (2-2"x6") SPR. 1/2 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 SHARMING. PROVIDE SOULD WOOD BLOCKING BETWEEN WOOD STUDS @ 3200mm (4"-0") O.C. METICALLY. COR WALLS WANT LODGE. DISCONS. 39.

1220 mm (4'-0") O.C. VERTICALLY. -FOR WALLS WITH HORIZ. DISTANCES NOT EXCEEDING 2900 mm (9'-6"), PROVIDE 38x140 (2°x6") STUDS ⊚ 406 (16") O.C. WITH COMMINUOUS 2-38x140 (2-2%6)TOP PLATES + 1-38x140 (1-2%6") BOTTOM PLATE & MINIMUM OF 3-38x184 (3-2%8") CONT. HEADER AT GRIND. CELLING LEVEL TOE-NAILED & GLUED AT TOP, CONTRAINED AND MERCHAND LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES AND HEADERS.

EXPOSED FLOOR TO EXTERIOR (SB-12-TABLE 3.1.1.2.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.

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

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

0.35m2 UNDESTRUCTED GLAZED OR OPENABLE AREA WITH MIN. CLEAR WITH OF 380 mm (1'-3').

WINDOW GLARDS — CRC. 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")
WANDOW WELLS -OBC. 9.14.6.3.
ALL WINDOW WELLS TO DRAIN TO FOOTING LEVEL PER OBC 9.14.8.3.

CHECK WITH THE LOCAL AUTHORNY.

EXTERIOR WINDOWS
ALL EXTERIOR WINDOWS TO COMPLY WITH REQUIREMENTS STATED IN

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

DEATER DOORS— THERMAL RESISTANCE
ALL EVIENCE DOORS TO COMPLY WITH THERMAL RESISTANCE AS STATED IN
O.B.C. SB-12-3.1.1.9.
EXTERIOR SLIDING GLASS DOORS— THERMAL RESISTANCE
ALL EXTERIOR SLIDING GLASS DOORS TO COMPLY WITH THERMAL

MANCE AS STATED IN O.B.C. SB-12-3.1.1.9.

MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.3 AIR CHANGES PER HOUR AVERAGED OVER 24 HOURS. SEE MECHANICAL DRAWINGS.) ALL DOWNSPOUTS TO DRAIN AWAY FROM THE BUILDING AS PER OBC 9.26.18.2. AND MUNICIPAL STANDARDS.

STUD WALL REINFORCEMENT FOR FLOTURE GRAB BARS IN MAIN BATHROOM REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATE Closets and shower or bathfub in main bathroom. Refer to obc. 9.5.2.3, 3.8.3.8.(3)(0), 3.8.3.8.(3)(0), 3.8.3.13.(2)(g) & 3.8.3.13.(4)(0).

 $\frac{AR}{AR}$ Barriers systems to comply with 0.8.C.-DM B, 9.25.3.

OUTDOOR AR INTAKE
ALL OUTDOOR AR HYMNES SHALL BE LOCATED SO THAT THEY ARE
SEPAPATED FROM SOURCES OF CONTAMINATION (CHARLET VENTS) IN
COMPLIANCE WITH O.B.C. D.W.-B 6.2.3.12. AND TABLE 6.2.3.12.

I IMPER-

) 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 LAMMATED VENEER LUMBER (L.V.L.) BEAKS, GROER TRUSSES, AND METAL HARGER CONNECTIONS SUPPORTING ROOF FRAMENG TO BE DESIGNED & CERTIFIED BY ROOF TRUSS MANUF.

LV. SEAMS SHALL BE 20C-293076 NIN. NALL EACH PLY OF LV. WITH

COMPANY OF THE STANDARD WEEK NAS S. TOWN (2020) (2020)

STAGES SHOULD BE ZUCZZENIA NAME. NO. 2007 PC. O' LE WIND STAGESTED IN 2 ROWS FOR 184,240 & 300mm (12') O.C. STAGESTED IN 2 ROWS FOR 184,240 & 300mm (1 1/4",9 1/2", 11 7/8") DEPTHS AND STAGESTED IN 3 ROWS FOR GREATER DEPTHS AND 4 PLY MEMBERS ADD 13mm (1/2") DIA CALV. BOLTS BOLTED AT MD—DEPTH OF BEAM @ 915mm (3"-0") O.C.

PROVIDE TOP MOUNT BEAM HANGERS TYPE "SCL" MANUFACTURED BY SUPSON 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 FRANCES INTERESTED WITH A WOOD PRESERVATIVE, IN CONTACT
WITH CONCRETE, SHALL BE SEPARATED FROM THE CONCRETE BY AT LEAST
2 MIL POLYETHYLENE FILM, No. 50 (45ba.) ROLL ROCFING OR OTHER
DAMPPROOFING INTERNAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST
FOR A CONTROL TO CONTROL OF THE WOOD MEMBER IS AT LEAST 150mm (6") AROVE THE GROUND.

STEEL:

STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-G40.21 GRADE 350N.
"STRUCTURAL QUALITY". PER OBC. B-9.23.4.3. 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 POSITIVE DRAINAGE TO THE EXTERIOR. THE EXTERIOR SHEATHING BUST NOT BE GYPSUM BASED. ALL STUCCO TO BE INSTALLED AS FER MANUFACTUREDS 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. LICE CD 42 COMPLIANCE DACKAGE (A4).

USE SB-12 COMP	<u> LIANCE</u>	PACKAGE (A1):								
COMPONENT	A1	Notes:								
Ceiling with Aftic Space Minimum RSI (R) value	10.56 (R60)	R20 at inner face of exterior walls								
Ceiling without Attic Space Minimum RSI (R) value	5.46 (R31)	BATT or SPRAY								
Exposed FLoor Minimum RSI (R) value	5.46 (R31)	BATT or SPRAY								
Walls Above Grade Minimum RSI (R) value	3.87 (R22)	6" R22 BATT								
Basement Walls Minimum RSI (R) value	3.52ci (R20ci)	OPTION TO USE R12+R10ci.								
Edge of Below Grade Slab ≤600mm below grade Minimum RSI (R) value	1.76 (R10)	rigid insul								
Vindows & Stiding glass Doors Maximum U-value	1.6U (0.28)									
Skylights Maximum U-value	2.8U (0.49)									
Space Heating Equipment Minimum AFUE	96% Min.	NATURAL GAS								
Hot Water Heater Minimum EF	0.66 (0.8)	NATURAL GAS								
HRV Minimum Efficiency	75%	-								
Drain Water Heat Recovery Unit (DWHR)	Dependent on n	Bezimum 2 Required, umber of showers installed. 3.1.1.12 for information								
ci- Denotes Continuous Insulation without framing interruption.										

LEGEND

POT LIGHT

 $\Theta_{\delta_{r}}$

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

GFI DUPLEX OUTLET WEATHERPROOF DUPLEX CUTLET

HEAVY DUTY OUTLET (220 volt) LIGHT FIXTURE (CEILING MOUNTED) CO LIGHT FIXTURE (PULL CHAIN) -Ò-

CWALL MOUNTED) SWITCH S FLOOR DRAIN HOSE BIB (NON-FREEZE) S.A. COMBINED SMOKE ALARM AND COD. CARBON MONOXIDE DETECTOR/ALARM

DJ - DOUBLE JOIS TJ --- TRIPLE JOIST

SJ - SINGLE JOIST LVL - LAMINATED VENEER
LUMBER

P.T. PRESSURE TREATED LUMBER

G.T. GIRDER TRUSS BY ROOF TRUSS MANUF TE FLAT ARCH

ICA I CURVED ARCH M.C. MEDICINE CABINET

CONC. BLOCK WALL

SPECIAL WALL CONSTRUCTION SEE NOTE ON PLANS SOLID WOOD BEATING (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 THE NUMBER OF PLIES 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 STAIRS CONNECTING THE FLOOI LEVEL AND ALSO 1 IN EACH BEDROOM NEAR HALL DOOR, ALARAS TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND INTERCONNECT TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND INTERCONNET TO ACTIVATE ALL ALARMS IF 1 SOUNDS. BATTERY BACK-UP REQUIRED. SHOKE ALARMS TO INCORPORATE VISUAL SIGNALLING COMPANIETY.

S CARBON MONOXIDE ALARM (OBC 9.33.4.) where a fuel-burning appliance is installed in a direlling unit, a carbon monoride detector conforming to can,/cga-6,19,csa 6,19 or ul2034 shall be installed adjacent to each sleeping area. CARBON MONOXOE DETECTOR(S) SHALL BE PERMANENTLY WIRED SO THAT ITS ACTIVATION WILL ACTIVATE ALL CARBON MONOXIDE DETECTORS AND BE EQUIPPED WITH AN ALARM THAT IS AUDIBLE WITHIN BEDROOMS WHEN THE INVERVIEWING DOORS ARE CLOSED.

SOIL CAS CONTROL (ORC \$13.411 & 9.13.4.2)

C PROVIDE OFFICIAL TO PREVENT ENGINE OF SOIL CAS MO THE BUILDING F REQUIRED (O)

DRAIN WATER HEAT RECOVERY UNIT (DWHR)

PER SHI2_3-1-12_A DEAN WHATER HEAT RECOVERY (DWINR)

PER SHI2_3-1-12_A DEAN WHATER HEAT RECOVERY (DWINR)

UNIT SHALL BE/INSTALED IN EACH DWELLING UNIT TO RECEIVE

DRAW WATER FROM ALL SHOWERS OF FROM AT LEAST TWO

SHOWERS WHERE THERE ARE TWO OR MORE SHOWERS IN THE

DWELLING LANT, DOES NOT MERKY OF THEIR ARE NO SHOWERS (
SEE S NO STOREY BENEATH ANY OF THE SHOWERS.)

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

rese drawings and/or specifications have been reviewed by FEB 2 3 2021 FOR CHIEF WILDINGO FICIAL DATE

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. The minimum thermal performance of building 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

PACKAGE

SINGLES

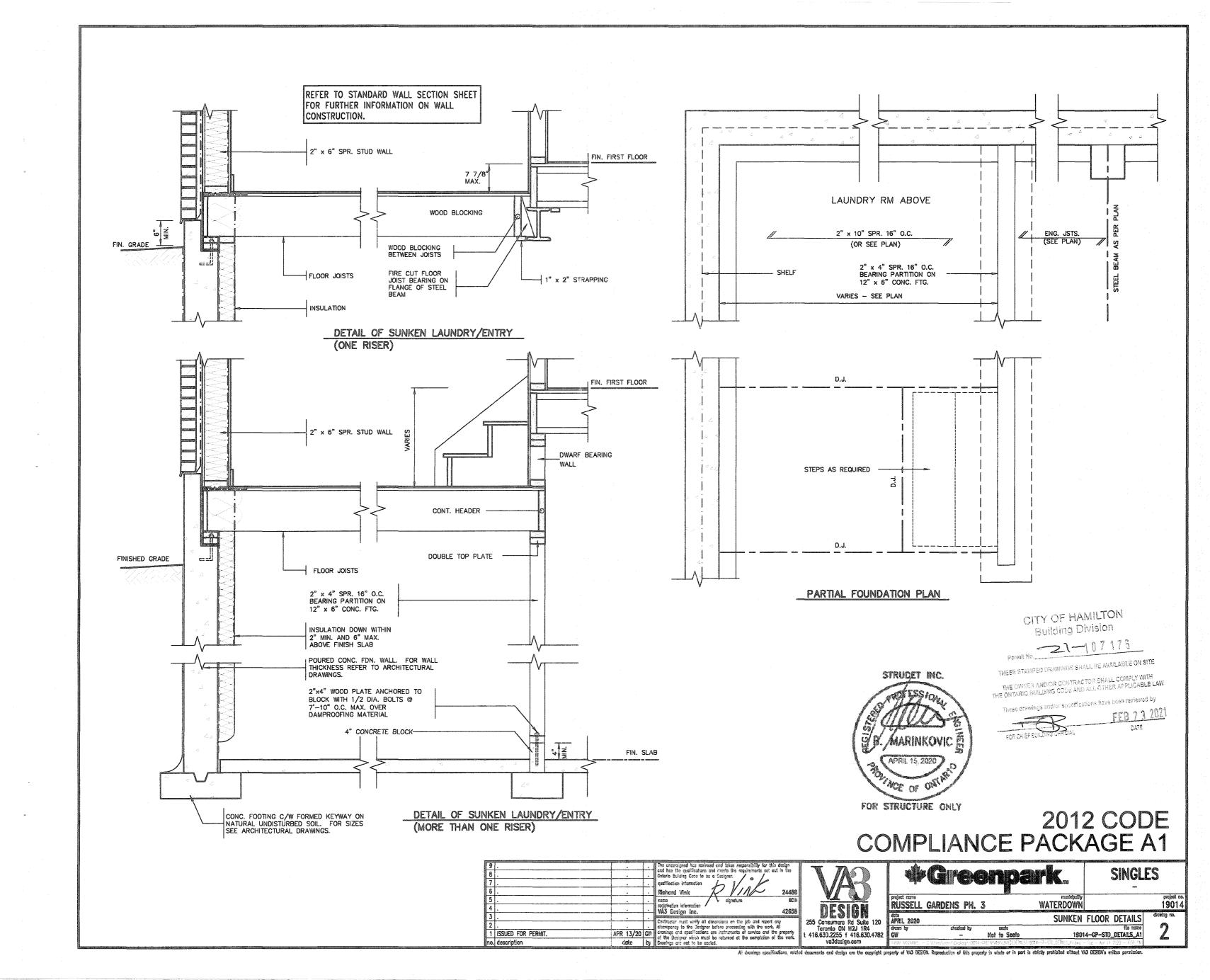
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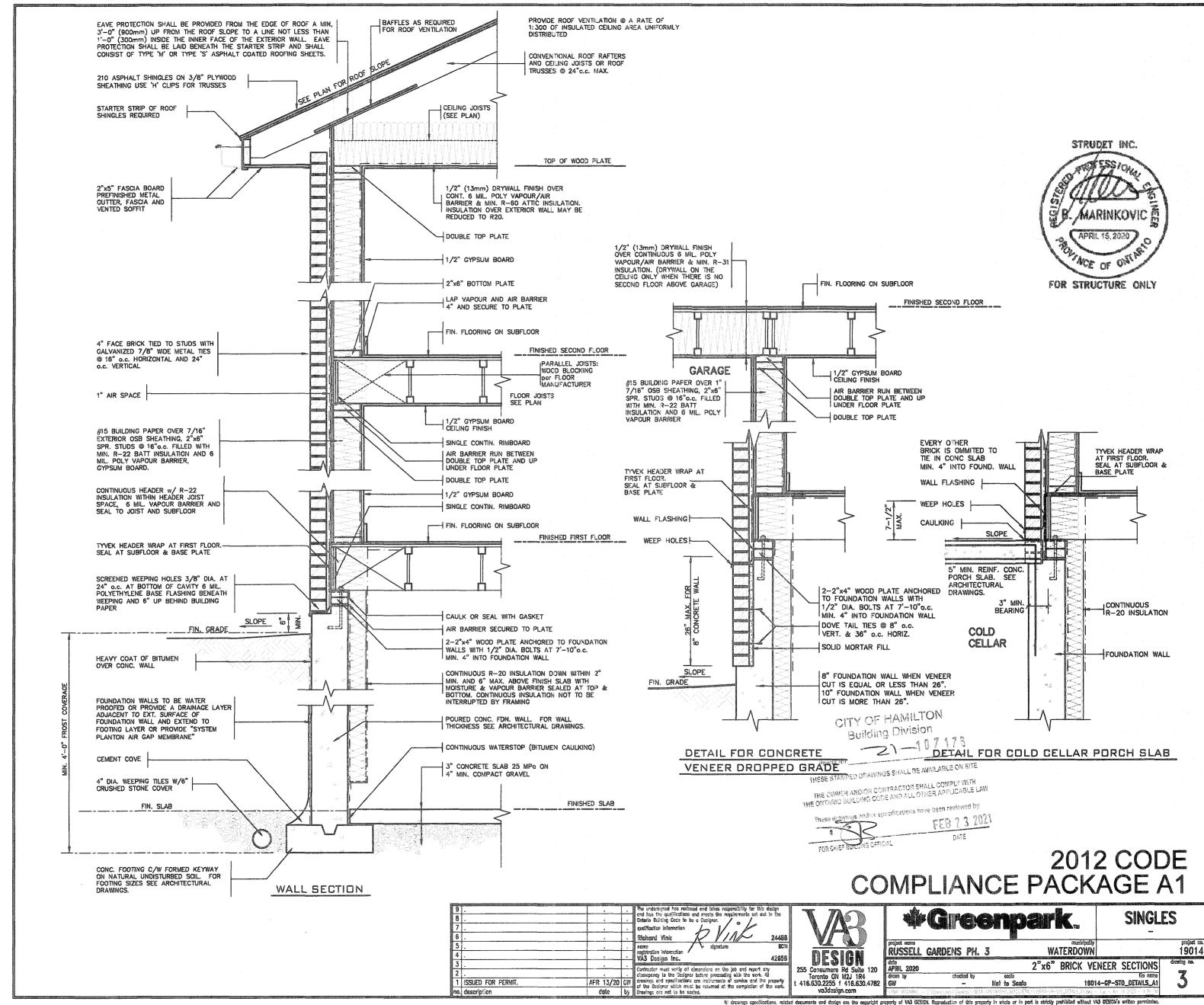
#Greenpark.

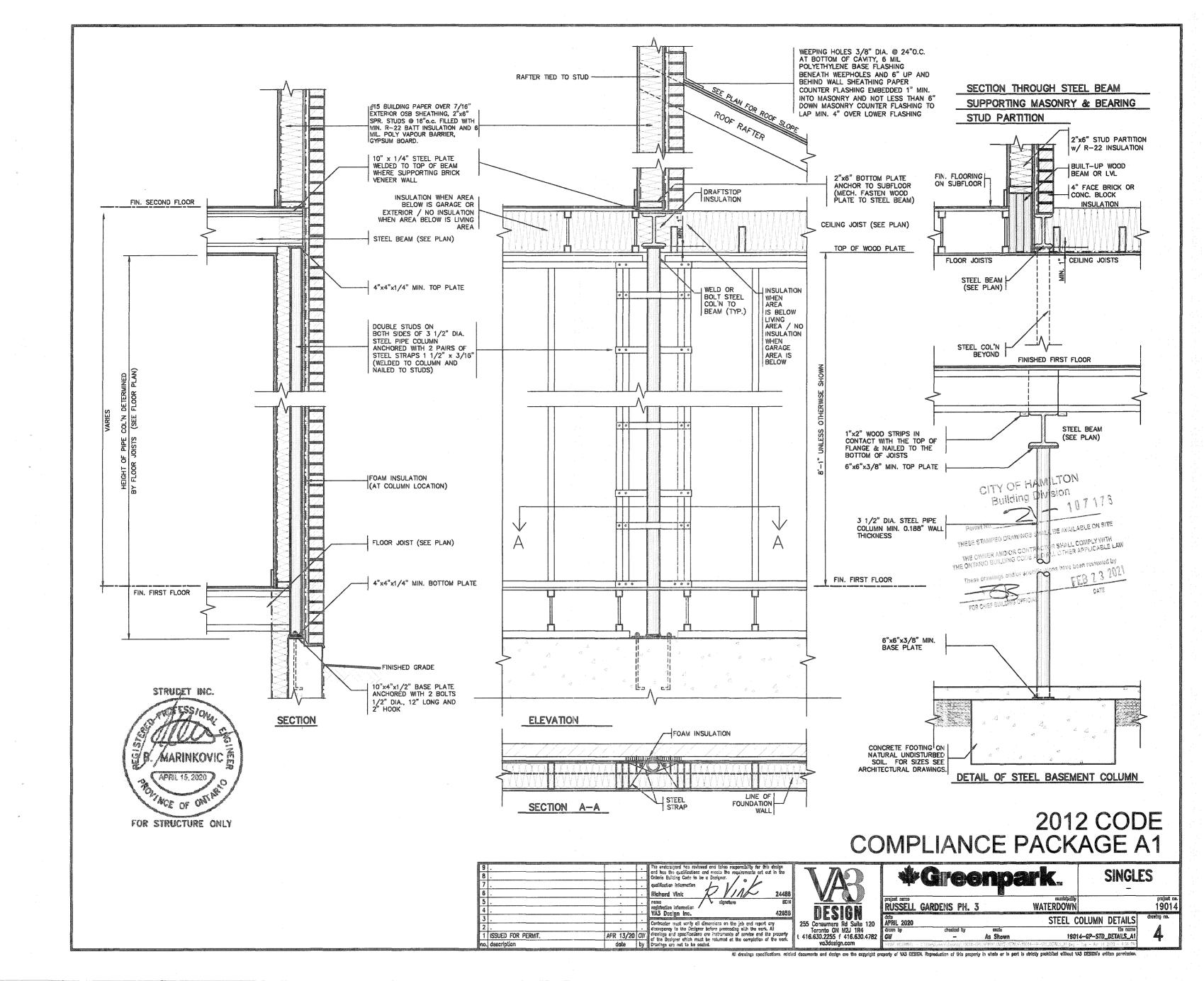
RÚSSELL GARDENS PH.3 WATERDOWN TYPICAL CONSTRUCTION NOTES

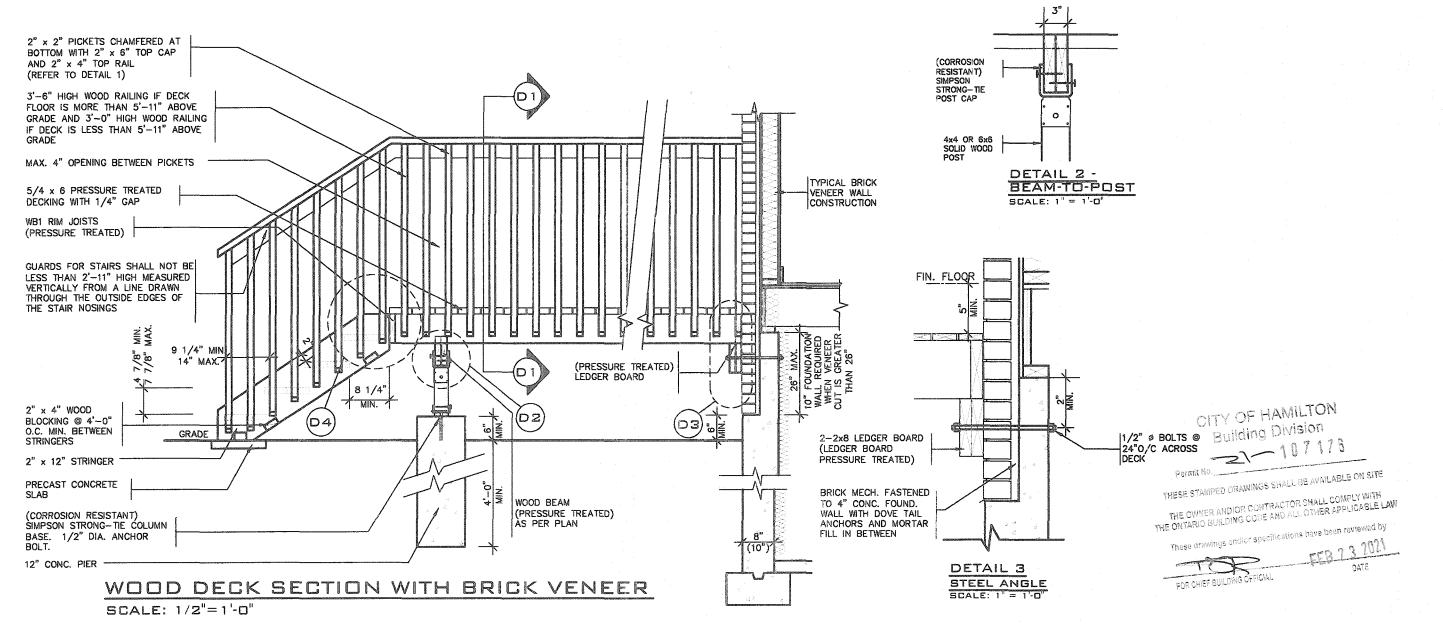
GW 3/16" = 1'-0" GP-14X18-NOTES-2020-VA3-PKG-A1-19014

255 Consumers Rd Suite 120
Toronto ON M2J 1R4
416.630.2255 f 416.630.4782
AFRIL 2020 GW

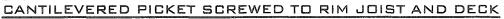


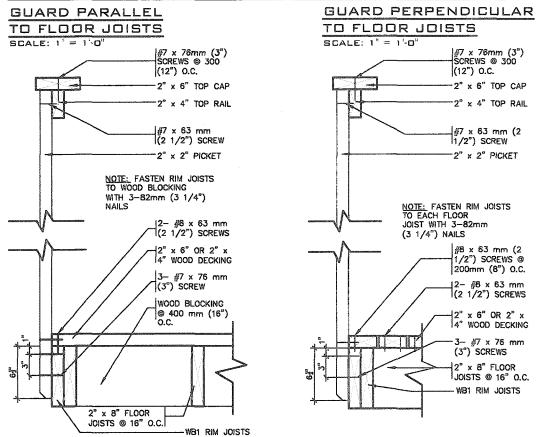


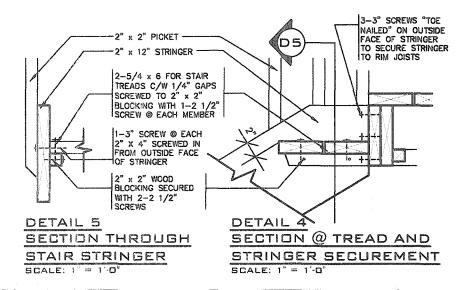




DETAIL 1







STRUDET INC. NOT OF ONIE FOR STRUCTURE ONLY

GENERAL NOTES

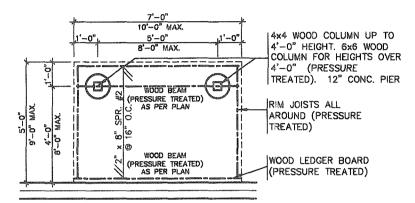
BRICK TO HAVE COMPRESSIVE STRENGTH OG 15mPa (2200 p.s.i) MIN.UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS.

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

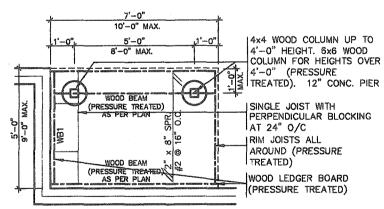
- OF 1.9kPa. [40psf].
 ALL NAILS AND SCREWS TO BE GALVANIZED.
 WOOD FOR CANTILEVERED PICKETS SHALL BE DOUGLAS FIR—LARCH,
 SPRUCE—PINE—FIR, OR HEM—FIR SPECIES.
 CONCRETE SHALL HAVE COMPRESSIVE STRENGTH OF 20MPa. AT 28 DAYS AND
 5—8% AIR ENTRAINED.
- PRESSURE OF 150kPq [3130psf].
- WB1= 2- 2"x8" (PRESSURE TREATED)
 WB3= 2- 2"x10" (PRESSURE TREATED)

6	
5	project 1901 C DETAILS drewing no.
discrepancy to the Designer before proceeding with the work. All 1 ISSUED FOR PERMIT. APR 13/20 CW of the Designer before proceeding with the work. All Toronto ON M2.3 1R4 toron by checked by cestle 446.630.2255 f 416.630.4782 cm Toronto ON M2.3 1R4 t 446.630.4782 cm Toronto ON M2.3 1R4 t 446.630.4782 cm Toronto ON M2.3 1R4 Toronto O	10_DETAILS_A1 14_2070 - 4-35 PM



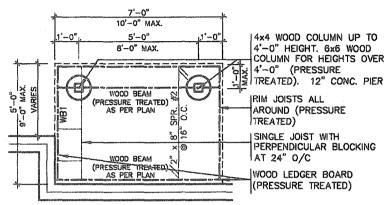
TYPICAL DECK LAYOUT

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



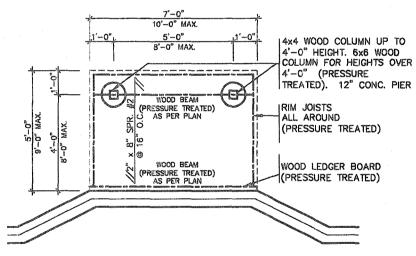
TYPICAL DECK LAYOUT

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



TYPICAL DECK LAYOUT

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



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

CITY OF HAMILTON

Building Division 21-107176

THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

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

733 FOR CHIEF BUILDING OFFICIAL

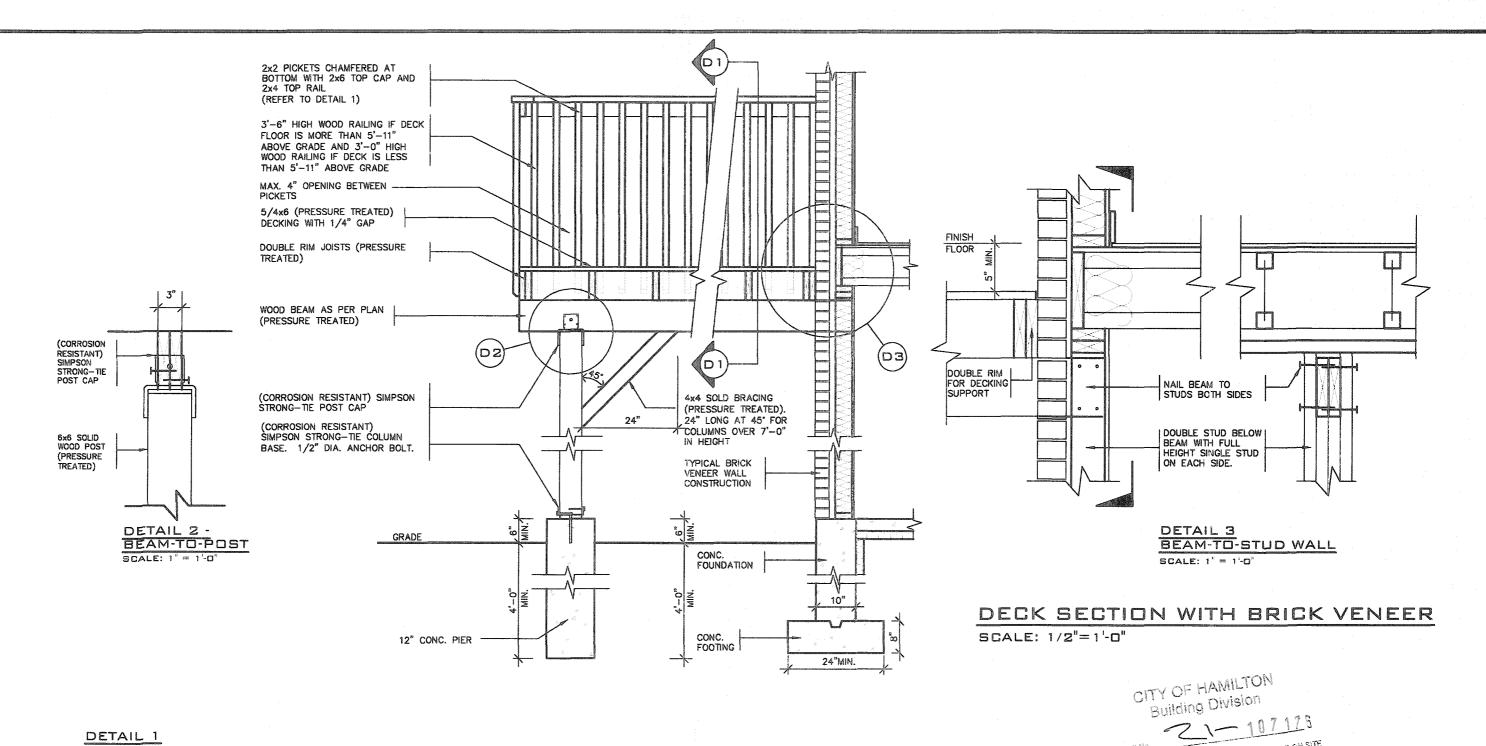
FEB 2 3 2021 DATE

STRUCET INC.

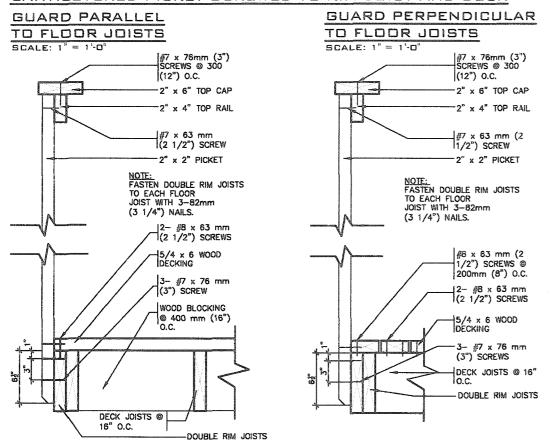
NOT OF ONLY

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DETAIL 1 CANTILEVERED PICKET SCREWED TO RIM JOIST AND DECK



GENERAL NOTES

- BRICK TO HAVE COMPRESSIVE STRENGTH OG 15mPg (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
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 THE DECK HAS BEEN DESIGNED TO SAFELY SUPPORT A SUPERIMPOSED LOAD OF 1.9kPa. [40psf].
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- PRESSURE OF 150kPa [3130psf].
- WB1= 2- 2"x8" (PRESSURE TREATED)
 WB3= 2- 2"x10" (PRESSURE TREATED)

FEB 2 3 2021 STRUDET INC. MARINKOVIC MOE OF ONLY FOR STRUCTURE ONLY

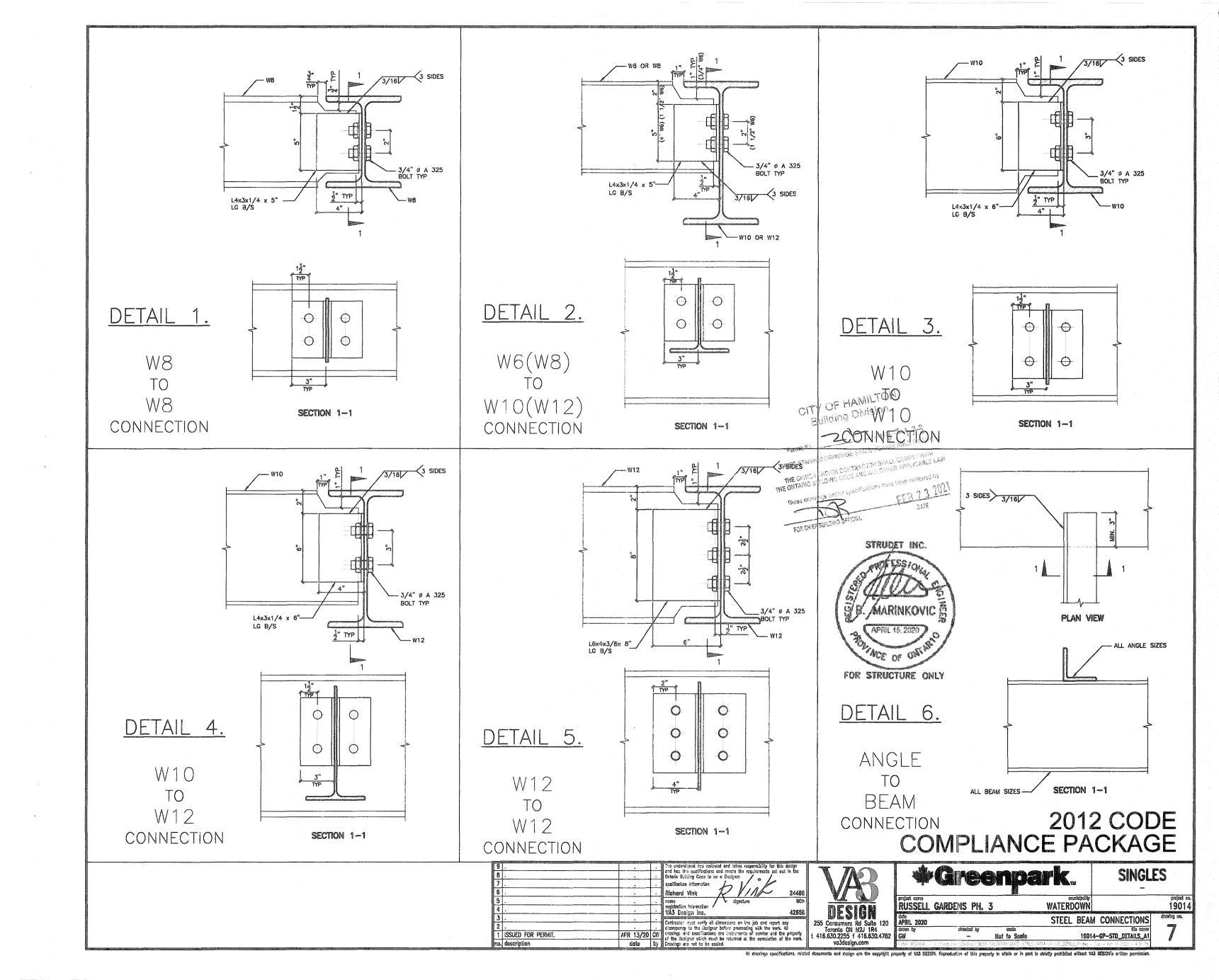
2012 CODE COMPLIANCE PACKAGE A1

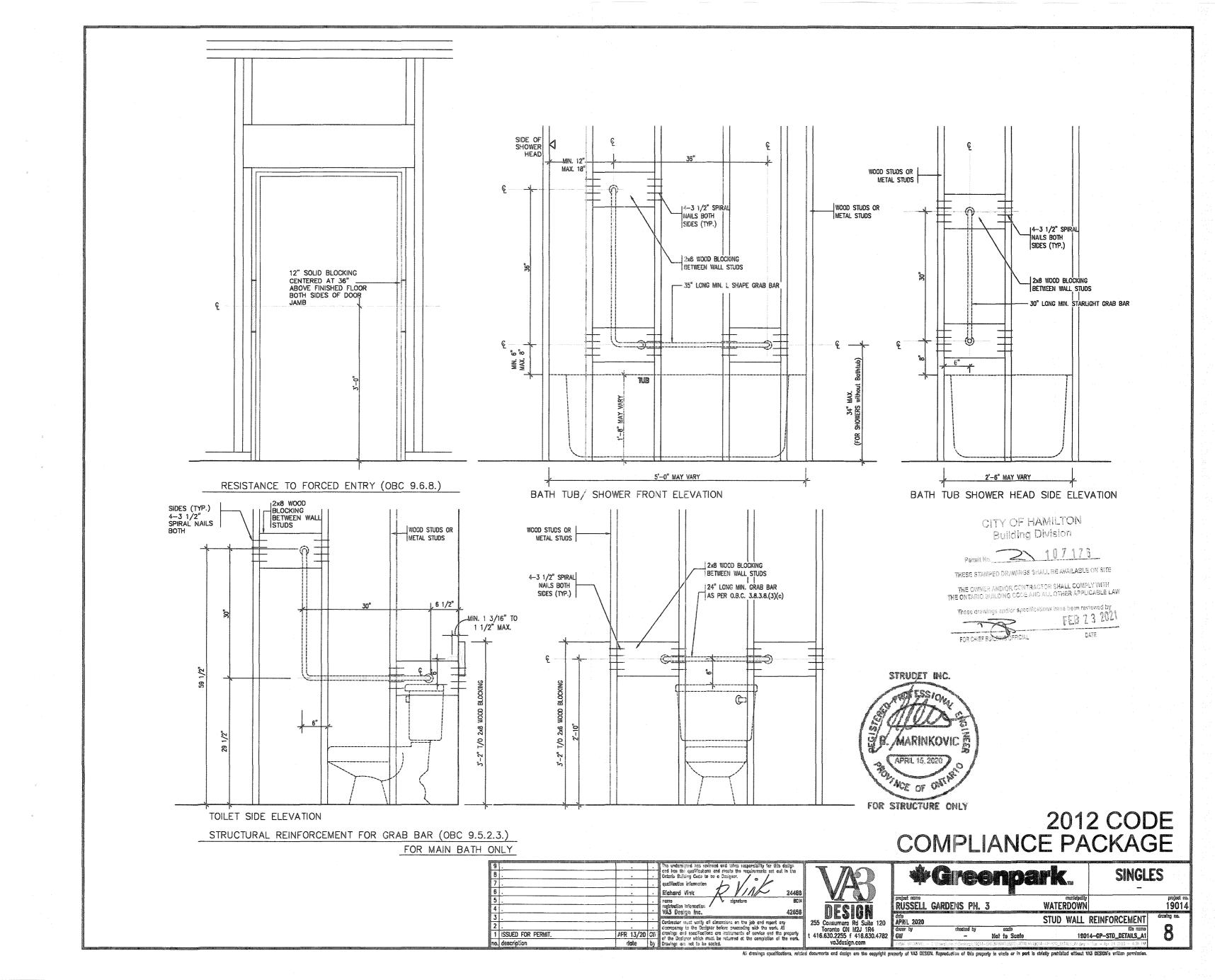
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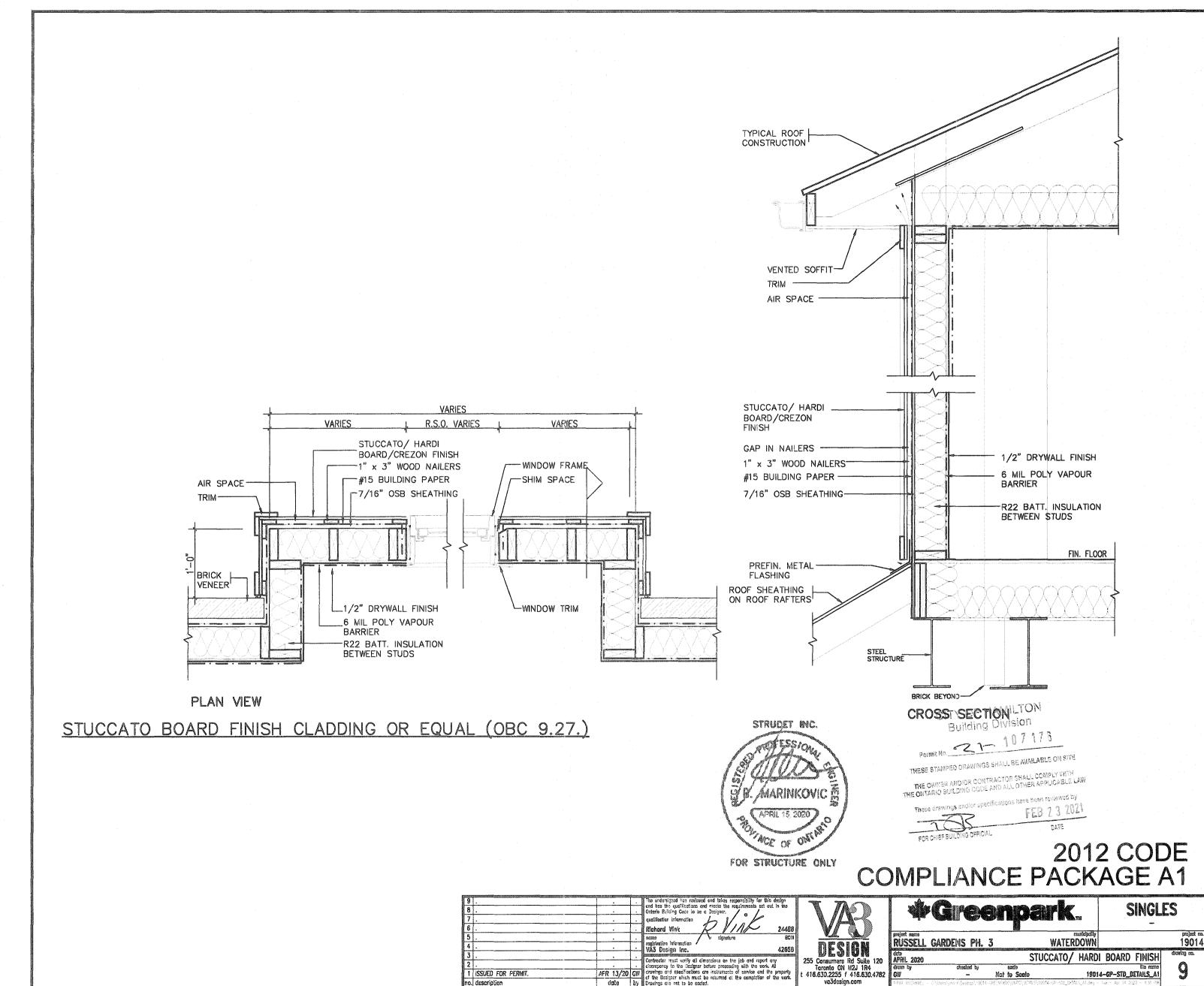
DATE

THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

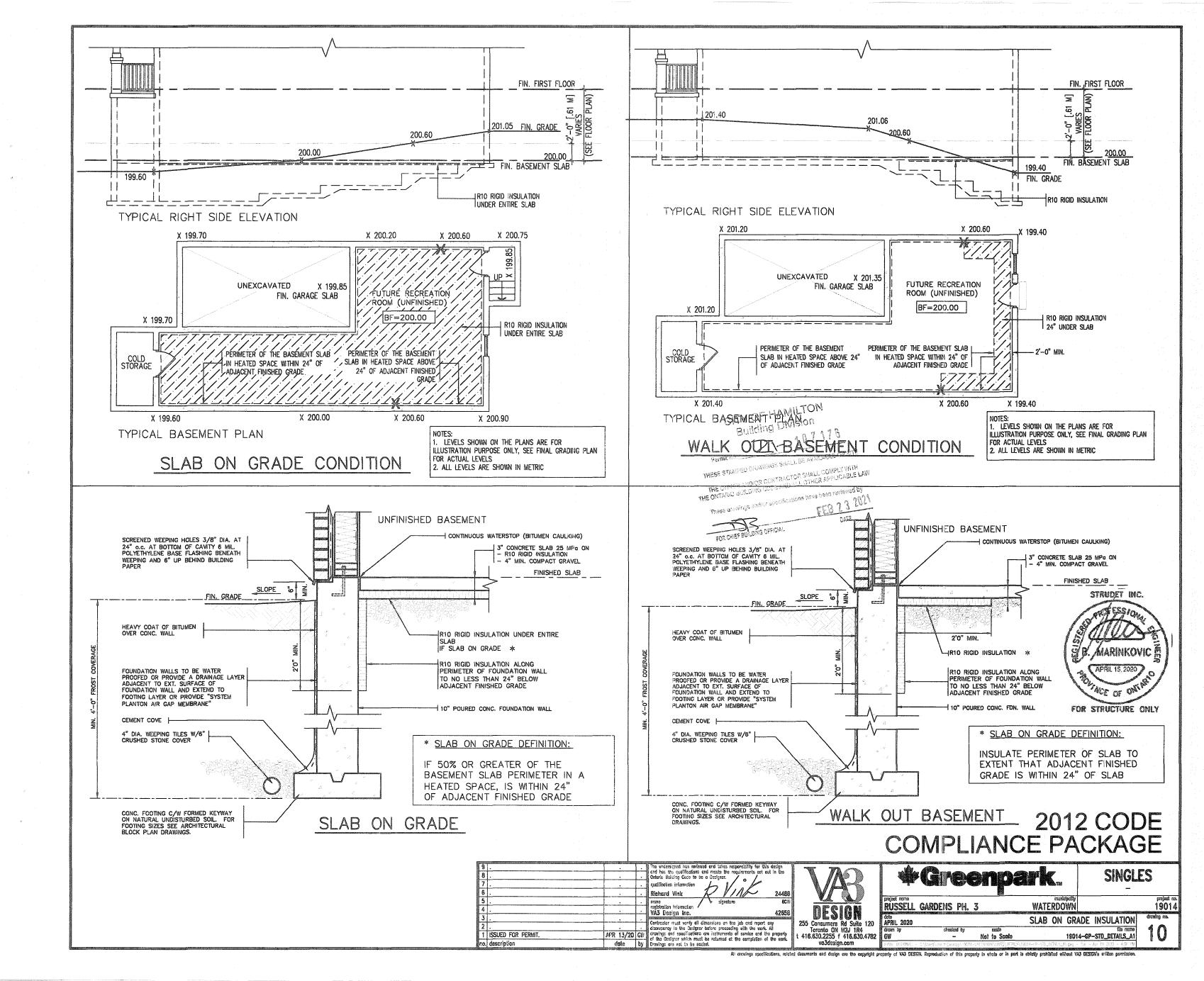
9 8 7				The undersigned has reviewed and takes responsibility for this design and has the qualifications and meals the requirements set out in the Ontario Building Code to be a Designer. qualification information Richard Vinic 24488	VAR	#Greenpark Singles	_			
5		<u> </u>	1	name signature BCN registration information VA3 Design Inc. 42656	TA A	Project name Proje				
3				Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the early. All	255 Consumers Rd Suite 120		Standenson			
-	ISSUED FOR PERMIT.	AFR 13/20	7.	descripting to the benginer before proceeding with the eart. All demining 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 vo3design.com	762 GW - As Shown 19014-GP-STD_DETAILS_A1 SPERM MODIFIES - Chipmesh class of Seculation's SPERM SCHOOL SPERM				
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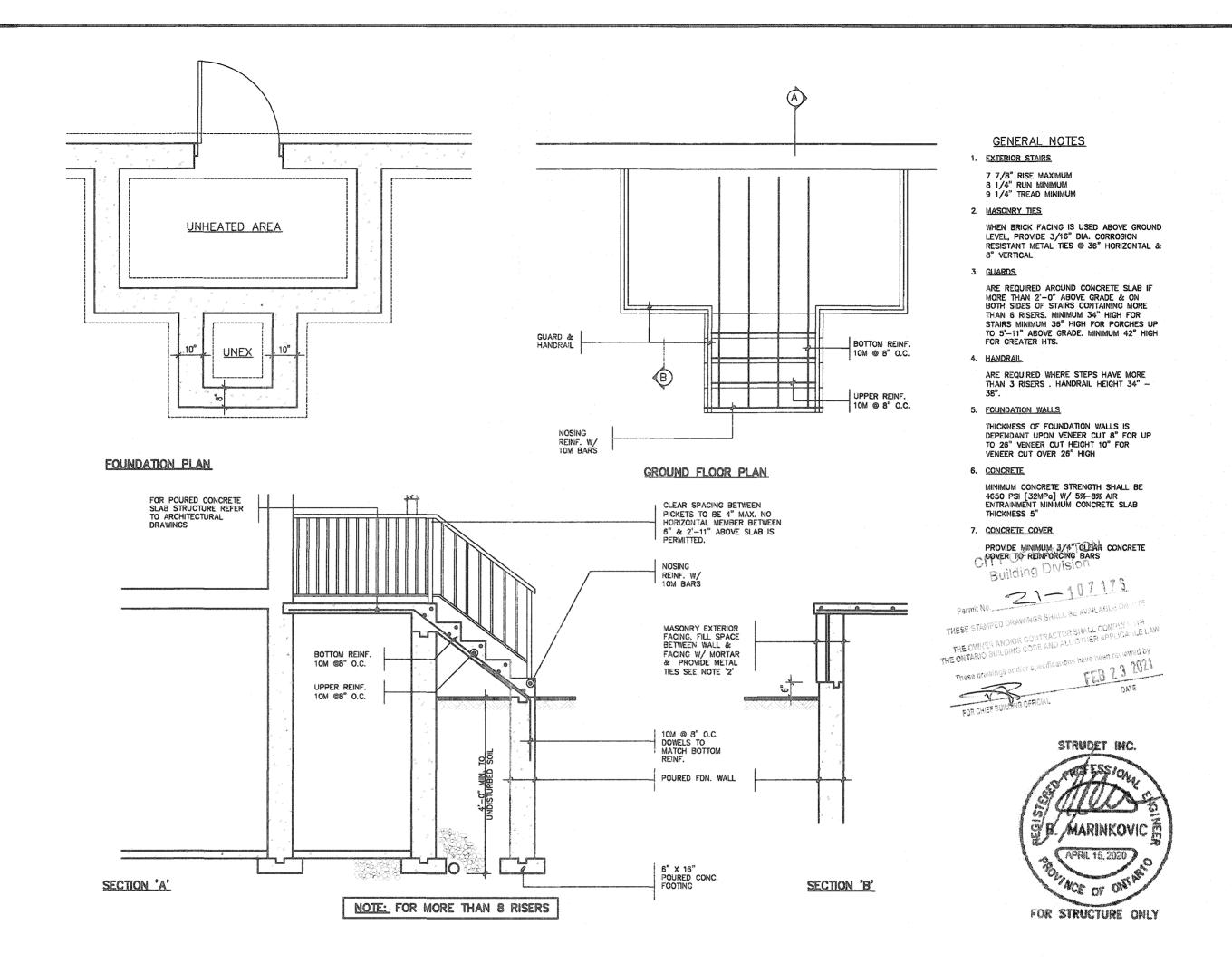




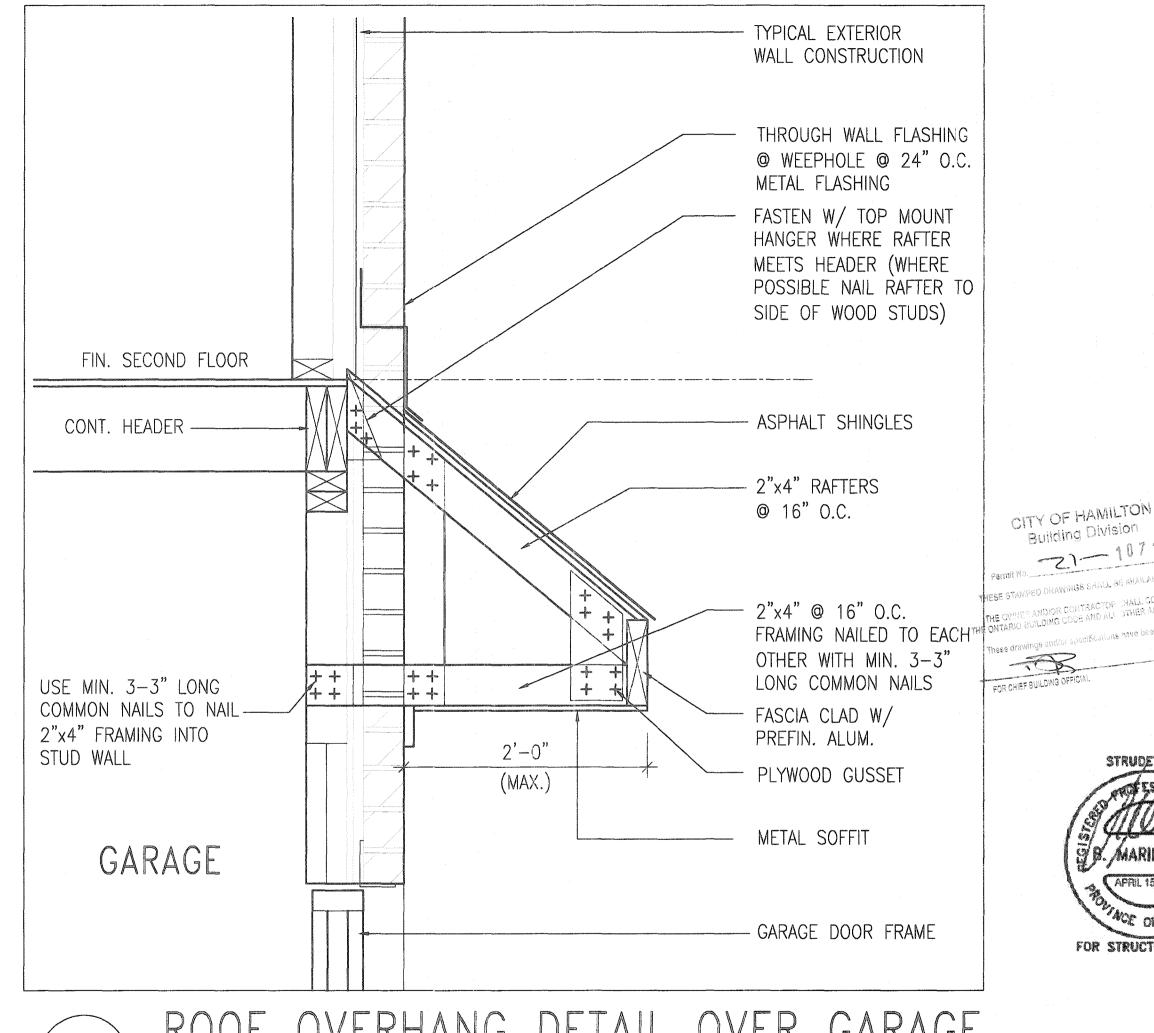


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	9 . 8 . 7 . 6 .			The undersigned has reviewed and takes responsibility for this design and lies the qualifications and ments the requirements set out in the otherio Building Code to be a Designer. qualification information Richard Vink 2448	VAR		Greenp	ark.	SINGLI	ES
	5 . 4 .		<u> </u>	nome signature BC registration information VA3 Design Inc. 4265		Project Remo RUSSELL	GARDENS PH. 3	WATERDOWN	Carrow Control	project : 1901
		APR 13/20	GW	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All creatings and specifications are instruments of sensitive 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	APRIL 2020 drawn by GW	checked by ecolo Not to Scalo		PORCH STEPS 14-GP-STD_DETAILS_A1	drawing no.
ļr	no. description	date	by	Drawings are not to be socied.	va3design.com	APPER ROZAMEL	- CAUsers chart Resident 19014-CPL MARK DRIES (2011) CM Reproduction of this property in whele or in a	ES-(19014-CP-STD_ESTALS_ALdwg -	Toe - Apr 14 2020 - 4:38 99	ALCO STATE OF THE

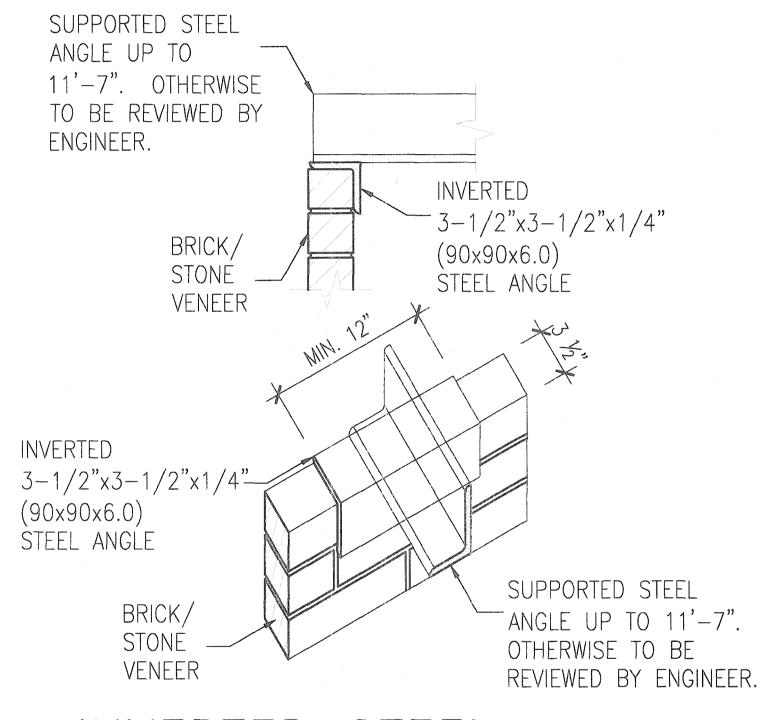


ROOF OVERHANG DETAIL OVER GARAGE

2012 CODE COMPLIANCE PACKAGE A1

FOR STRUCTURE ONLY

	9 . 8 . 7 .		:		The undersigned has reviewed and takes responsibility for this design and has the qualifications and mests the requirements set out in the Ontario Bullding Code to be a Designer. Qualification information Richard Vink 24488		VAR	4	Greenpa	ark.	SINGL	
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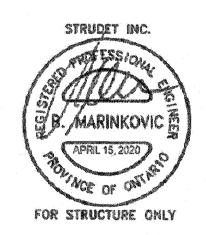
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THESE STARPED DRAWINGS SHALL RE AVAILABLE ON SITE
THE OWNER AND/OR CONTRACTOR SHALL COMPLY WITH
THE OWNER AND/OR CODE AND ALL OTHER APPLICABLE LAW
These grawings and/or a pecifications have been reviewed by

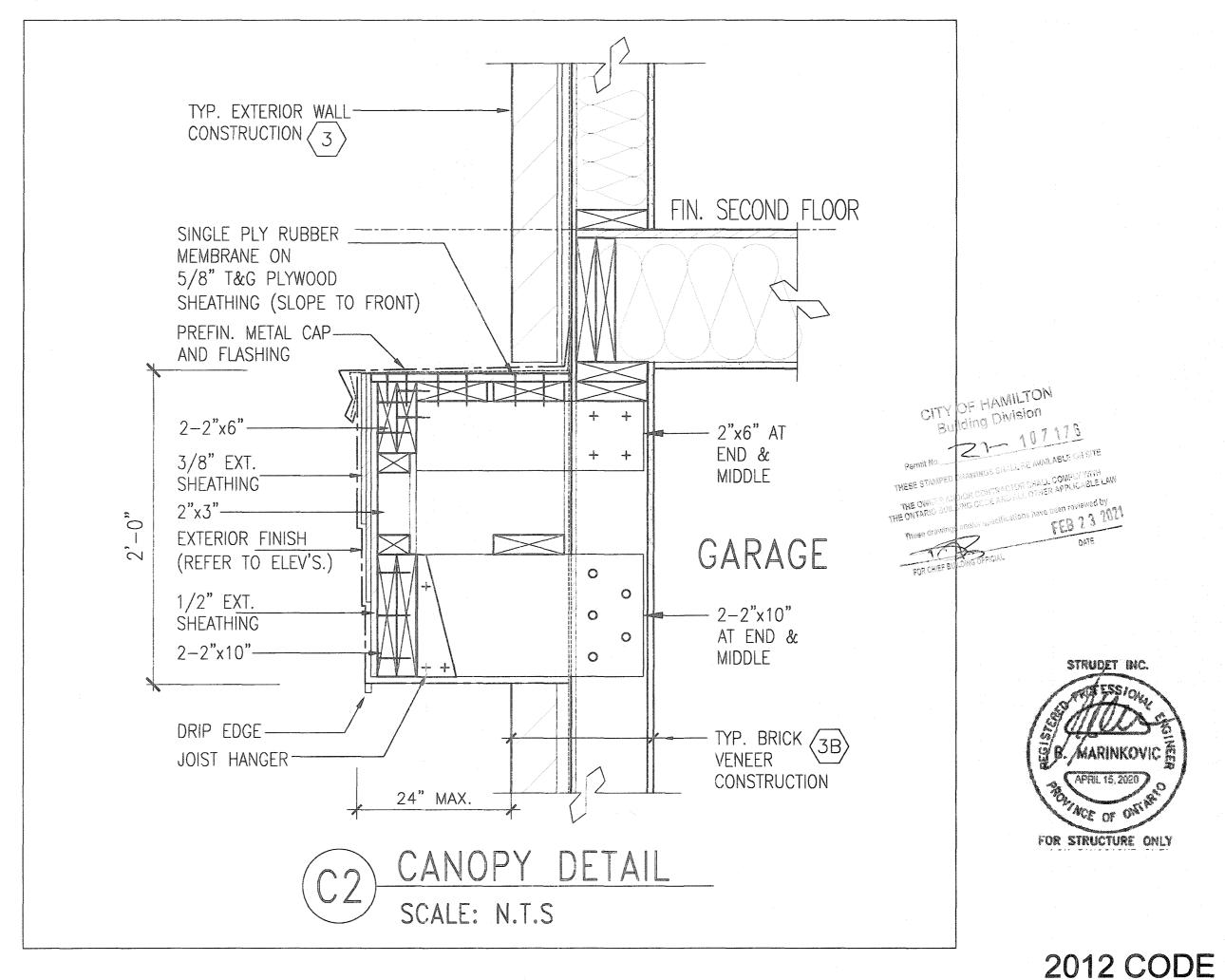
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INVERTED STEEL ANGLE DETAIL



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