1. ROOF CONSTRUCTION

NO.210 (10.25kg/m2) ASPHALT SHINGLES, 10mm (3/8") PLYWOOD SHEATHING WITH "H" CUPS. APPROVED WOOD TRUSSES ® 610mm (24") O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 900mm (3'-0") FROM EDGE OF ROOF AND MIN. 300mm (12") BEYOND INNER FACE OF EXTERIOR WALL (EAVES PROTECTION NOT REO'D FOR ROOF SLOPES 8:12 OR GREATER) 38x89 ($2^{\circ}x4^{\circ}$) Truss bracing @ 1830mm ($6^{\circ}-0^{\circ}$) O.C. at bottom chord. Prefin. Alum. Eavestrough, Fascia, RWL & 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 91912)

PRAME 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. WHOUR 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.

(2B) ERAME WALL CONSTRUCTION (2°x6°)— GARAGE WALLS

(2B) FRAME WALL CONSTRUCTION (2°x6°)— GARAGE WALLS FRAME WALL CONSTRUCTION (2°x6") (SP-12-TABLE 31.1.2.A)

SIDING AS PER ELEV., 19x38 (1°x2") VERTICAL WOOD FRIRING, 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 GARAGE. SIDING TO BE MIN. 200mm (8") ABOVE FINISH GRADE.

STUCCO WALL CONSTRUCTION (2°x6") (52-12-TABLE 3.1.1.2.A)
STUCCO CIADONIC SYSTEM ADMICANDES STUCCO CLADDING SYSTEM CONFORMING TO 0.B.C. 9.27.1.1.(2) & 9.28
THAT EMPLOY A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH
POSITIVE DRAINGE TO THE EXT. AND APPLIED PER MANUFACTURERS
SPECIFICATIONS ON 25mm (1") MIN. EUTRUDED OR EXPANDED RIGID
POLYSTYRENE ON APPR. AIR/MOISTURE BARRIER ON 38x140 (2"x6")
STUDS @ 406 (16") O.C., RSI 3.87 (R22) BATI INSUL., APPR. 6 MIL. POLYETHYLENE VAPOUR BARRIER, 13rom (1/2") GYPSUM BOARD INTERIOR FINISH. STUCCO TO BE MIN. 200 (6") ABOVE FINISH GRADE. REFER TO OBC SB-12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION

STUDCO WALL CONSTRUCTION (2"x4") — CARAGE WALLS

STUCCO CLADDING SYSTEM CONFORMING TO O.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 RIGID
POLYSTYRENE ON APPROVED ARYMOISTURE BARRIER ON 38-89 (2"x4")

STUDS & 408 (45") O.C. (40") LOCAL TOOLOGY (2") (10") WITH ART STUDS @ 406 (16") O.C. (MAX. HEIGHT 3000mm (9'-10")), WITH APPR DIAGONAL WALL BRACING, REFER TO NOTE 19 WHERE FLOOR EXISTS ABOUTE CAPACE ABOVE GARAGE.
STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE.

WALLS ADJACENT TO ATTIC - NO CLADDING

11mm (7/16") EXT. TYPE SHEATHING OR DBC COMPLIANT EQUIVALENT, 38x140 (2"x6") STUDS @ 400mm (16") O.C., RSI 3.87 (R22) INSULATION AND APPR. VAPOUR BARRIER AND APPR. CONTIN. AIR (2E) BARRIER, 13mm (1/2") INTERIOR DRYWALL FINISH, MID-HEIGHT BLOCKING REG'D. 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) SOmm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x"2x0.03") 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 FINISH. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS, PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE. REFER TO 08C 38—12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMENT

BRICK VENEER CONSTRUCTION (2"x4")- GARAGE WALLS SOMM (4") FACE BRICK, 25mm (1") AR 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 OBE COMPLIANT EQUIVALENT, 38x89 (2"x4") STUDS @ 406mm (16") O.C. (MAX. HEIGHT 3000mm (5"-10")) WITH APPROVED DIAGONAL WALL BRACING. REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE GRAGE. PROVIDE WEEP HOLES @ 800mm (3"2") O.C. PATTON COURSE AND QUEEP ORDERWISE BROWDE NESS (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°16") (SB-12-TABLE 31.1.2.A) STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.27.1.1.(2) & 9.28

THAT EMPLOYS A MINIMUM TORIN ARE SPACE BEHIND THE CLADDING WITH
POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED FOR MANUFACTURER SPECIFICATIONS OVER 25mm (1") MIN. EXTRUDED OR EXPANDED RIGID POLYSTYRENE ON APPR. COMITN. AIR/MOISTURE SARRIER ON 38x140 (2"x6") STUDS © 408mm (16") O.C., RSI 3.87 (R22) BATI INSUL, APPR. 6 MIL POLYETHYLENE VAPOUR BARRIER, 13mm (1/2") GYPSUM WALLBOARD INTERIOR RINSH. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE. REFER TO OBC SB—12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMENTS.



STRUDET INC. FOR STRUCTURE ONLY

INTERIOR STUD PARTITIONS

INTERIOR. STUD. PARTITIONS

FOR BEARING PARTITIONS 38x89 (2°x4°) © 408mm (16°) O.C.
FOR 2 STOREYS AND 305mm (12°) O.C. FOR 3 STOREYS,
NON-BEARING PARTITIONS 38x89 (2′x4°) @ 610mm (24°) O.C.
PROVIDE 38x89 (2°x4°) BOTTOM PLATE AND 2/38x89 (2/2°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 15MPQ (2200psi) WITH BITUMENOUS DAMPPROOFING AND DRAMAGE LAYER. DRAMAGE LAYER REQ'D. WHEN BASEMENT ANSUL EXTENDS 900 (2'-11") BELOW FIN. GRADE. DRAMGE LAYER IS NOT REQ'D. IF FOUNDATION WALL IS WATERPROOFED. MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500x155 (20%) CONTINUOUS REYED CONC. FTG. BRACE FOTH, 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. KPa (18 p.s.i.) SOIL BEARING CAPACITY FOR TOWNHOUSES, TO BE VERIFIED ON SITE.

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

FOUNDATION DRAINAGE ORC. 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. 9.3.1.6.(1)(b). 9.16.4.5.(1). 9.25.3.3.(15) 80mm (3")MIN. 25MPa (3600psi) CONC. SIAB ON 100mm (4")
COARSE GRANULAR FILL, OR 20MPa. (3000psi) CONC. WITH
DAMPPROOFING BELOW SIAB. UNDER SIAB 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 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 (SB-12-TABLE 3.1.1.2.A) (SB-12-3.1.1.8)
RSI 10.56 (R60) BLOWN IN ROOF INSULATION AND APPROVED VAPOUR
BARRIER, 16mm (5/8") INT. DRYWALL FINISH OR APPROVED 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.) -10mm (1/2") MAX BETWEEN TALLEST & SHORTEST RISE IN FLIGHT

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

= 860 (2'-10")

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 - 08C. 9.8.8. SCOMM (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 SIL PLATE ANCHORAGE
38x89 (2"x4") SILI PLATE WITH 13mm (1/2") DIA. ANCHOR BOLTS
200mm (8") LONG, EMBEDDED MIN. 100mm (4") INTO CONC. @
2400mm (7"-10") O.C., CAULKING OR 25 (1") MIN. MINERAL WOOL
BETWEEN PLATE AND TOP OF FOTN. WALL
USE NON-SHRINK GROUT TO LEVEL SILI PLATE WHEN REQUIRED.

BASEMENT INSULATION (SB-12-3.1.1.7), 9.25.2.3, 9.13.2.6) 13) FOUNDATION WALLS ENCLOSING HEATED SPACE SHALL BE INSULATED FROM THE UNDERSIDE OF THE SUBFLOOR TO NOT MORE THAN 200mm (8") ABOVE THE FINISHED FLOOR & NO CLOSER THAN 50mm (2") OF THE BASEMENT SLAB, RSI 3.52ci (R20ci) BILANKET INSULATION TO HAVE APPROVED VAPOUR BARRIER, RECOMMEND DAMPPROOF WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL NOTE: FULL HEIGHT INSULATION AT COLD CELLAR WALLS. AIR BARRIER TO BE SEALED TO FOUNDATION WALL WITH CAULKING. CONTINUOUS INSULATION (G) IS NOT TO BE INTERRUPTED BY FRAMING.

BASEMENT BEARING STUD PARTITION 2 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") HITO CONC. @ 2400mm (7"-10") O.C. 100mm (4") HIGH CONC. CURB ON 305x155 (12"x6") CONC. FOOTING. ADD HORIZ. BLOCKING AT MID-HEIGHT IF WALL IS UNFINISHED.

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 (24,000ibs.) WITH 150x150x9.5 (6"x6"x3/8") STL TOP & BOTTOM PLATE.

15A STEEL COLUMN SIDEL 334.00001

SOmm(3-1/2") DIA x 4.76mm(0.188") STL COL. WITH

100x100x6.0 (4"x4"x1/4") TOP & BOTTOM PLATES. FIELD WELD

BOTTOM PLATE TO 100x250x12.5 (4"x10"x1/2") BASE PLATE C/W
2-12mm DIA x 300mm LONG x50mm HOOK ANCHORS 2-12mm DIA x 300mm LONG x50mm HOOK 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 STUD WITH 2-SDS 6.35x38 (1/4"x1 1/2") SCREWS MANUF.

CONCRETE PILASTER 16. BEAM POCKET OR 200x200 (8"x8") POURED CONC. NIB WALLS. MIN. BEARING 30mm (3-1/2")

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

CANAGE, SLAM

100mm (4") 32MPd (4640ps) CONC, SLAB WITH 5-8% AIR

ENTRAIMENT ON OPTIONAL 100 (4") COARSE GRANULAR FILL WITH

COMPACTED SUB-BASE OR COMPACTED NATIVE FILL.

SLOPE TO FRONT (EXTERIOR) AT 1% MIN. (18.)

INTERIOR GARAGE WALLS & CETUNGS (55-12-TABLE 3.1.1.2.A)
13mm (1/2") GYPSUM BORD ON WALL AND CELLING BETWEEN
HOUSE AND GARAGE, RSI 3.87 (R22) IN WALLS, RSI 5.46 (R31)
IN CELING, TAPE AND SEAL ALL JOINTS AIRTIGHT FER O.B.C.
9.10.9.16, REFER TO S.B-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.

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 0BC. 9.8.9.2., 9.8.9.3. & 9.8.10. 21.

DRYER VENT(OSC-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) 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 -ORC 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.

(26) MECHANICAL EXHAUST FAN, VENTED TO EXTERIOR AS REQUIRED BY 08C. 9.32.3.5. & 9.32.3.10.

27) 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 2-19mm (3/4") x 200mm (8") LONG GALV. ANCHORS WITHIN SOLID BLOCK COURSE. LEVEL WITH NON-SHRINK GROUT.

SOLID WOOD BEARING FOR WOOD STUD WALLS
SOLID BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTE
MEMBER. SOLID WOOD BEARING COMPRISED OF BUILT-UP WO
STUDS TO BE CONSTRUCTED IN ACCORDANCE WITH OBC

(2B) 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.) 29) 3-38x140 (3-2"x5") BUILT-UP-POST ON METAL BASE SHOE ANCHORED TO CONC. WITH 12.7 DIA BOLT, 408×406×203 (16"x16"x8") CONC. FTG. OR AS OTHERWISE SPECIFIED ON DRAWING.

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

SLAB ON GRADE

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

COARSE GRANULAR FILL REINFORCED WITH 6x6-W2.9xW2.9 WESHPLACED NEAR MIO-DEPTH OF SLAB. CONC. STRENGTH 32 MPa (4640 psi) With 5—8% air entrainment on compacted SUB—GRADE. UNDER SLAB INSULATION AS PER OBC. SB—12 3.1.1.7.(5)(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. YOOSE STIEL UNTELS

OSE STEEL UNTELS

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

=4" x 3-1/2" x 5/16"L (100x90x6.0L)

=5" x 3-1/2" x 5/16"L (125x90x3.0L)

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

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

=7" x 4" x 3/8"L (180x100x10.0L) PAD FOOTINGS | 120 | FPo. NATAF | SOIL | 90 | IFPo. ENGINEERED FILL SOIL | FT = 42" v42" x18" | CONCRETE PAD | FT = 48" v48" x20" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 44" x40" x16" | CONCRETE PAD | FZ = 34" x34" x14" | CONCRETE PAD | FZ = 34" x34" x14" | CONCRETE PAD | FZ = 34" x34" x14" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = 40" x40" x16" | CONCRETE PAD | FZ = LAMINATED VEHEER LUMBER (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° (4-45x184) =1-1 3/4°x8 1/4° (1-45x235) FA = 24"x24"x12" CONCRETE PAD F4 = 28"x28"x12" CONCRETE PAD (REFER TO FLOOR FLAN FOR UNUSUAL SIZE PADS NOT ON CHART.) =2-1 3/4°x9 1/4° =3-1 3/4°x9 1/4° (2-45x235) (3-45x235) NOS. WIDTH HEIGHT NORE CEILING CEILING =3-1 3/4 x8 1/4" (3-45x235) =4-1 3/4"x9 1/4" (4-45x235) =1-1 3/4"x11 7/8" (1-45x300) =2-1 3/4"x11 7/8" (3-45x300) =3-1 3/4"x11 7/8" (3-45x300) =4-1 3/4"x11 7/8" (4-45x350) =2-1 3/4"x14" (2-45x356) =2-1 3/4"x14" (2-45x356)

LVL9 =3-1 $3/4^{\circ}$ x14" (3-45x356) 7 1-6	" 6'-6" 8'-6" INTERIOR SLAS DOOR
BRICK VENEER UNTELS	WOOD LINTELS AND BEAMS
$\begin{array}{llllllllllllllllllllllllllllllllllll$	SPR. No.2 W32 =3-2"x8" (3-38x184) SPR. No.2 "SPR. No.2 W33 =2-2"x10" (2-38x235) SPR. No.2 "SPR. No.2 W34 =3-2"x10" (3-38x235) SPR. No.2 "SPR. No.2 W35 =2-2"x12" (2-38x286) SPR. No.2 "SPR. No.2 W36 =3-2"x12" (3-38x286) SPR. No.2 "SPR. No.2 W37 =5-2"x12" (3-38x286) SPR. No.2 "SPR. No.2 W37 =4-2"x10" (4-38x235) SPR. No.2 "SPR. No.2 W37 =4-2"x10" (4-38x2

The undereligined has reviewed and takes responsibility for this design and has the qualifications and means the requirements set out in the trace.

The control building Code to be a Designer. VINE Richard Vink name registration information VA3 Design Inc. 42658 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 or instruments of service and the property of the Designer which must be returned at the completion of the work. Thornings are not to be seeded. AUG 24/20 GW 1 ISSUED FOR PERMIT. APR. 13/20 GW

32. DIRECT VENTING GAS FURNACE VENT

32. DIRECT VENT FURNACE TERMINAL M.N. 300mm (36°) FROM A GAS
REGULATOR. M.N. 300mm (12°) ABOVE FIN. GRADE, FROM ALL OPENINGS,
EX-AUST AND INTAKE VENTS, HRV INTAKE TO BE A MIN. OF 1830mm

(6'-0') From all exhaust terminals. Refer to GAS utilization code. All ar interes shall be located so that they are separated from kitchen exhaust by 3.0m in compliance with O.B.C. Div.-B table 6.2.3.12..

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

16mm (5/6") T & G SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERMING THE APPLICATION (* SEE OBC 9.30.6. *) 6mm (1/4") PANEL TYPE UNDERLAY UNDER RESILIENT & PARQUET FLOORING. (* SEE OBC FLOOR JOISTS WITH SPANS OVER 2100mm (6'-11") TO BE BRIDGED WITH 38-38 (2"x2") CROSS BRACING OR SOLID BLOCKING @ 2100mm (6"-11") O.C. MAX. AND WHERE SPECIFIED BY JOIST TABLES A-1 OR A-2 STRAPPING SHALL BE 19x64 (1"x3") @ 2100mm (6"-11") O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED. (" SEE OBC

SEXPOSED BUILDING FACE —OBC. 9.10.15.

SOTERIOR 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") FORCH DEPTH (SHORTEST DIM.), 125mm (4 7/8") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT. REINF. WITH 10M BARS @ 200mm (7 7/8") O.C. EACH WAY IN BOTTOM THIRD OF SLAB, 600x600 (23 5/8"x 23 5/8") 10M DOWELS @ 600mm (23 57-51-8, BURNOUS (23 3/64) FOR DUNELS & GOUTHIN (23 5/67) O.C., ANCHORED IN PERIMETER FORM, WALLS, SLOPE SLAB MIN. 1.0% FROM DOOR, SLAB TO HAVE MIN 75mm (37) BEARING ON FOTH, WALLS, PROVIDE (L1) LINTELS OVER CELLAR DOOR AND WITH 100mm (4*) END BEARING.

BRICK CHECK

SRICK CHECK

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

CONVENTIONAL ROOF FRAMING (2.0Kpg, SHOW LOAD) 38x140 (2"x6") RAFTERS @ 408mm (16"0.C.) FOR MAX 11"-7" SPAN, 38x184 (2"x6") RIDGE BOARD. 38x89 (2"x4") COLLAR TIES AT MIDSPANS. CEILING JOETS TO BE 38x89 (2"x4") © 408mm (16") O.C. FOR MAX. 28*31mm (1"."3" SPAN, 38*31mm (1"."3" SPAN, 38*31m CELING JOESS TO BE 30x89 (2"x4") @ 406mm (16") O.C. FOR MAX. 2830mm (9"-3") SPAN & 38x140 (2"x6") @ 406 (16") O.C. FOR MAX. 4450mm (14"-7") SPAN.
RAFTERS FOR BUILT-UP ROOF TO BE 38x89 (2"x4") @ 610mm (24")
O.C. WITH A 38x89 (2"x4") CENTRE POST TO THE TRUSS BELOW,
LATERALLY ERACED @ 1800mm (6"-0") O.C. VERTICALLY.

TWO STOREY VOLUME SPACES 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. 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

SHEATHING. PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS ⊚

1220 mm (*³-0") O.C. VERTICALLY. —FOR WALLS WITH HORIZ. DISTANCES

NOT EXCEEDING 2900 mm (9°-6"). PROVIDE 38x140 (2"x6") STUDS ⊚

408 (16") O.C. WITH CONTINUES 2-38x140 (2"2"x6") TOP PLATES +

1-38x140 (1-2"x6") ROTTOM PLATE & MIMIMAIM OF 3-38x140 (3"x6") STUDS ⊚ 1-38x140 (1-2"x6") BOTTOM PLATE & MINIMUM OF 3-38x184 (3-2"x8") CONT. HEADER AT GRND. CEILING LEVEL TOE-NAVLED & GLUED AT TOP, BOTTOM PLATES AND HEADERS.

EXPOSED FLOOR TO EXTERIOR (SR-12-TABLE 3.1.1.2.A) 40. PROVIDE RS: 5.46 (R31) INSULATION, APPROVED VAPOUR BARRIER AND CONTINUOUS AIR BARRIER, FINISHED SOFFIT.

PARTYWALLS
TYPICAL 1 HOUR RATED PARTYWALL
REFER TO DETAILS FOR TYPE AND SPECIFICATIONS 41)

42. EXTERIOR WALLS FOR WALK—OUT CONDITIONS
THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2°x6°)
STUDS © 40°Cmm (16°) o.c. <u>OR</u> 38x89 (2°x4°) STUDS ©

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

D.3572 UNIOSTRUCTURE WINDOW GLAROS —ORC. 9.8.8.1.(8)
WINDOW GLAROS —ORC. 9.8.8.1.(8)
A CHARD IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS LOCATED
A CHARD IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS LOCATED
THE TOP OF THE WINDOW SILL IS LOCATED
THE WINDOW SI LESS THAN 480mm (1'-7") ABOVE FIN. FLOOR AND THE DISTANCE PROPERTY FLOOR TO THE ADJACENT GRADE IS GREATER THAN 1800mm

17)
DOW WELLS -OBC. 9.14.6.3.
WINDOW WELLS TO DRAW TO FOOTING LEVEL PER OBC 9.14.6.3.

CHECK WITH THE LOCAL AUTHORITY.
EXCEPTION WINDOWS
ALL EXTERIOR WINDOWS TO COMPLY WITH REQUIREMENTS STATED IN
O.B.C.-DIN. B-9.7.1.7. & SB12-3.1.1.9.

DOORS:

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

O.B.C. SS-12-3.1,1.9.

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

GENERAL:

MECHANICAL VENTILATION IS REQUIRED TO PROVIDE OUT 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 BENFORCEMENT FOR FULURE GRAS BARS IN MAIN BATHROOM RENFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADACENT TO WAT CLOSETS AND SHOWER OR BATHRUB IN MAIN BATHROOM, REFER TO GEC. 9.5.2.3, 3.8.3.8.(3)(e), 3.8.3.8.(3)(c), 3.8.3.13.(2)(g) & 3.8.3.13.(4)(

AND BARRIERS SYSTEMS TO COMPLY WITH O.B.C.-DW. B, 9.25.3.

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

LUMBER:

ALL LUMBER SHALL BE SPRUCE NO.2 GRADE, UNLESS NOTED OTHERWISE. 2) LUMBER EXPOSED TO THE EXTENSION TO BE SPRUCE No.2 GRADE PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.

STANDERS STAVE BE ZUC-ZESUTO BANK. INC. SEAT PLT OF U. WITH SAMM (3 1/2") LONG COMMON WIRE MAILS © 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 AN 4 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 SUPSON STRONG-TIE OR EQUAL FOR ALL LIV. 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.

7) 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 (4516a.) ROLL ROCFING OR OTHER DAMPPROOFING MATERIAL, DICKETY WHERE THE WOOD MEMBER IS AT LEAST 150mm (6") ABOVE THE GROUND.

STEEL:

STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA—G40.21 GRADE 350W. "STRUCTURAL QUALITY". PER OBC. B—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 POSITIVE DRAININGE TO THE EXTERIOR. THE EXTERIOR 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): COMPONENT A1 Notes: 10.56 R20 at inner fac (R60) of exterior walls Minimum RSI (R) value Ceiling without Attic Sp BATI or SPRAY Minimum RSI (R) value BATT or SPRAY 3.87 (R22) 6" R22 BATT 3.52ci OPTION TO USE (R20ci) R12+R10ci. Minimum RSI (R) value Minimum RSI (R) value Edge of Below Grade S <600mm below grade RIGID INSUL 1.6U (0.28) Maximum U-value Skylights Maximum U—valus 2.8U (0.49) Space Heating I Minimum AFUE 96% Min. NATURAL GAS

LEGEND

WEATHERPROOF DUPLEX OUTLET

POT LIGHT

₽=

⊕%

S EXHAUST FAN TO EXTERIOR CLASS "B" VENT

HEIGHT AF.F) DUPLEX OUTLET (12" ABOVE SURFACE) GFI DUPLEX CUTLET (HEIGHT A.F.F)

(4) HEAVY DUTY OUTLET (220 volt)

Ŷ LIGHT FIXTURE (CEILING MOUNTED) C LIGHT FIXTURE (PULL CHAIN) LIGHT FIXTURE (WALL MOUNTED) ф

© € FLOOR DRAIN HOSE BIB (NON-FREEZE) S.A. COMBINED SMOKE COD. CARBON MONOXIDE I

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

P.T. PRESSURE TREATED G.T. GIRDER TRUSS BY ROOF TRUSS MANUF.

FA I FLAT ARCH

ICA I CURVED ARCH M.C. MEDICINE CABINET

CONC. BLOCK WALL

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

PRUSE ALARM (REFER TO ORC 9.10.19)

PROVIDE 1 PER FLOOR, NEAR THE STAIRS CONNECTING THE FLOOR LEVEL AND ALSO 1 IN EACH BEDROOM NEAR HALL BOOR ALARIS. TO BE CONNECTED TO A BLECTRICAL GROUNT AND INTERCONNECTED TO ACTIVATE ALL ALARIS IF 1 SOUNDS, BAYTERY BACK-UP REQUIRED, SMOKE ALARMS TO INCORPORATE VISUAL SIGNALLING COMPONENT. M & SMOKE ALARM (REFER TO OBC 9.10.19)

4-01 CARBON MONOXIDE ALARM (OBC 9.33.4.) WHERE A FUEL-BURNING APPLIANCE IS INSTALLED IN A DWELLING UNIT, A CARBON MONOXIDE DETECTOR CONFORMING TO CAN./OGA-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 DETECTORS AND BE EQUIPPED WITH AN ALARM THAT IS AUDIBLE WITHIN BEDROOMS WHEN THE INTERVENING DOORS ARE CLOSED.

SOIL GAS CONTROL (OBC 9.13.4.1 & 9.13.4.2) PROVIDE CONSTRUCTION TO PREVENT GENCIOT OF TOLL GAS INTO THE BUILDING IF REQUIRED.

DRAIN WATER HEAT RECOVERY UNIT (DWHR) DRAIN WATER HEAT TRESOVERED ONE LOWER OWNER)
PER SB12-31.112. A DRAIN WATER HEAT RECOVERY (DWAR)
UNIT SHALL BE INSTALLED IN EACH DWELLING UNIT TO RECEIVE
DRAIN WATER, FROM ALL SHOWERS OF THEM AT LEAST TWO
SHOWERS, WEBELT THERE ARE TWO OF THE BOWERS IN THE
OWELLING UNIT. DOES NOT APPLY IT THERE ARE NO SHOWERS OR
NO STORY BENEATH ANY OF THE SHOWERS.
SE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

THE OWNER AND/OR CONTRACTOR SHALL COMPLY WITH

TARIC BUILDING CODE AND ALL OTHER APPLICABLE LAW

d/or specifications have been reviewed by FEB. 271 F BUILDING 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. 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

19014

SINGLES



0.66 (0.8)

75%

Hot Water Heate

Minimum Efficienc

d Suite 120

crento ON M2J 1R4

overy Unit (DWHR)

Minimum EF

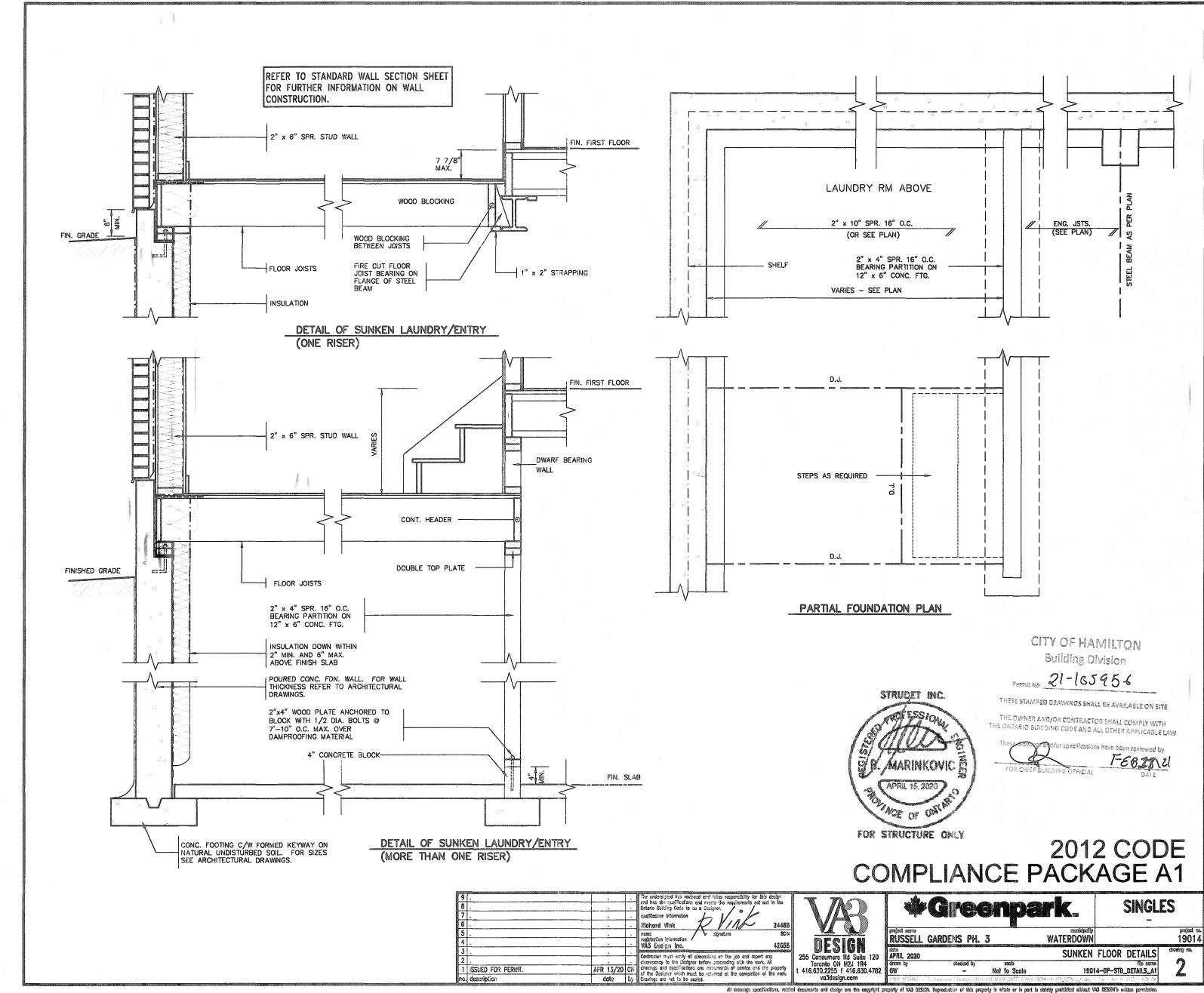
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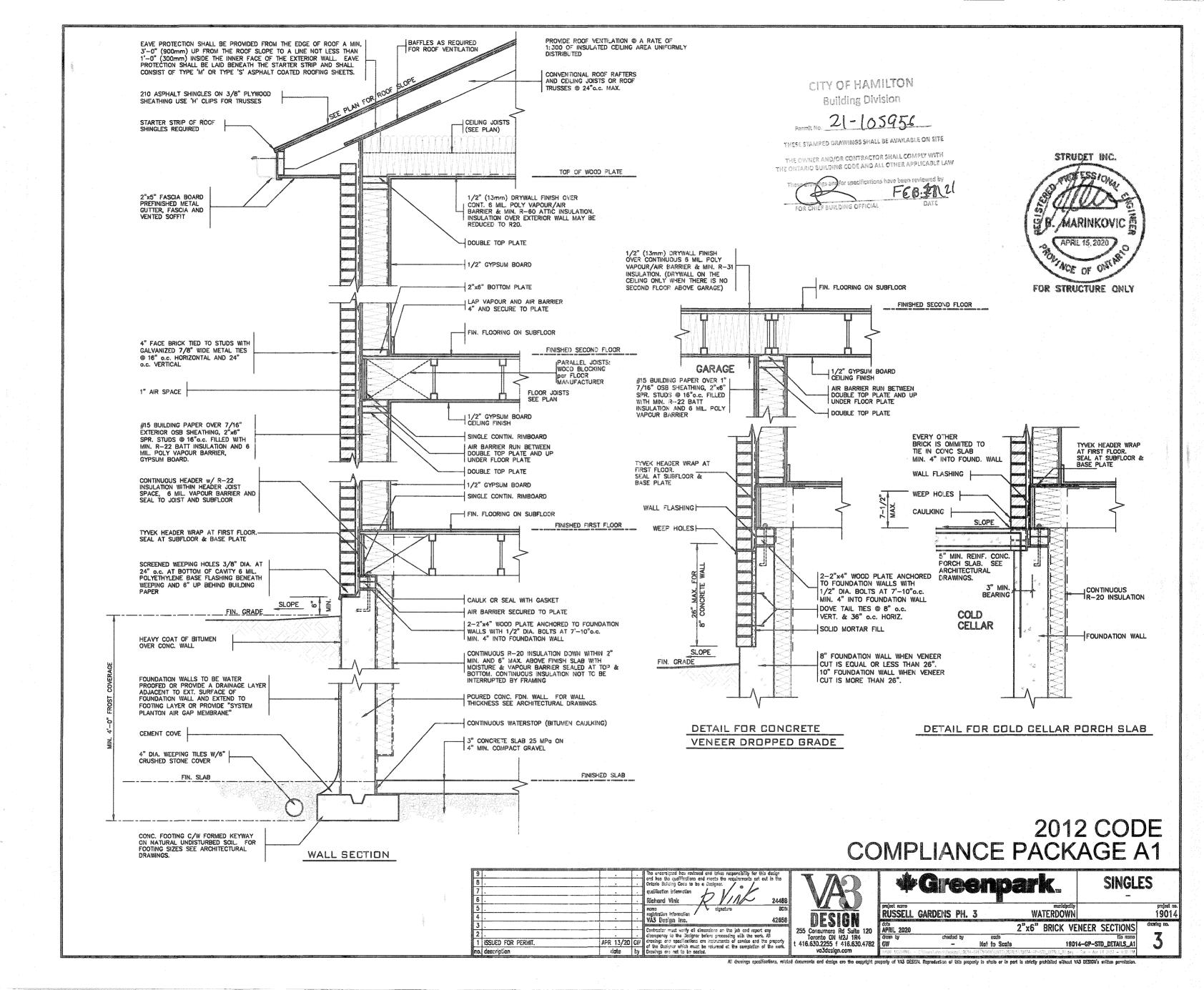
#Greenpark WATERDOWN

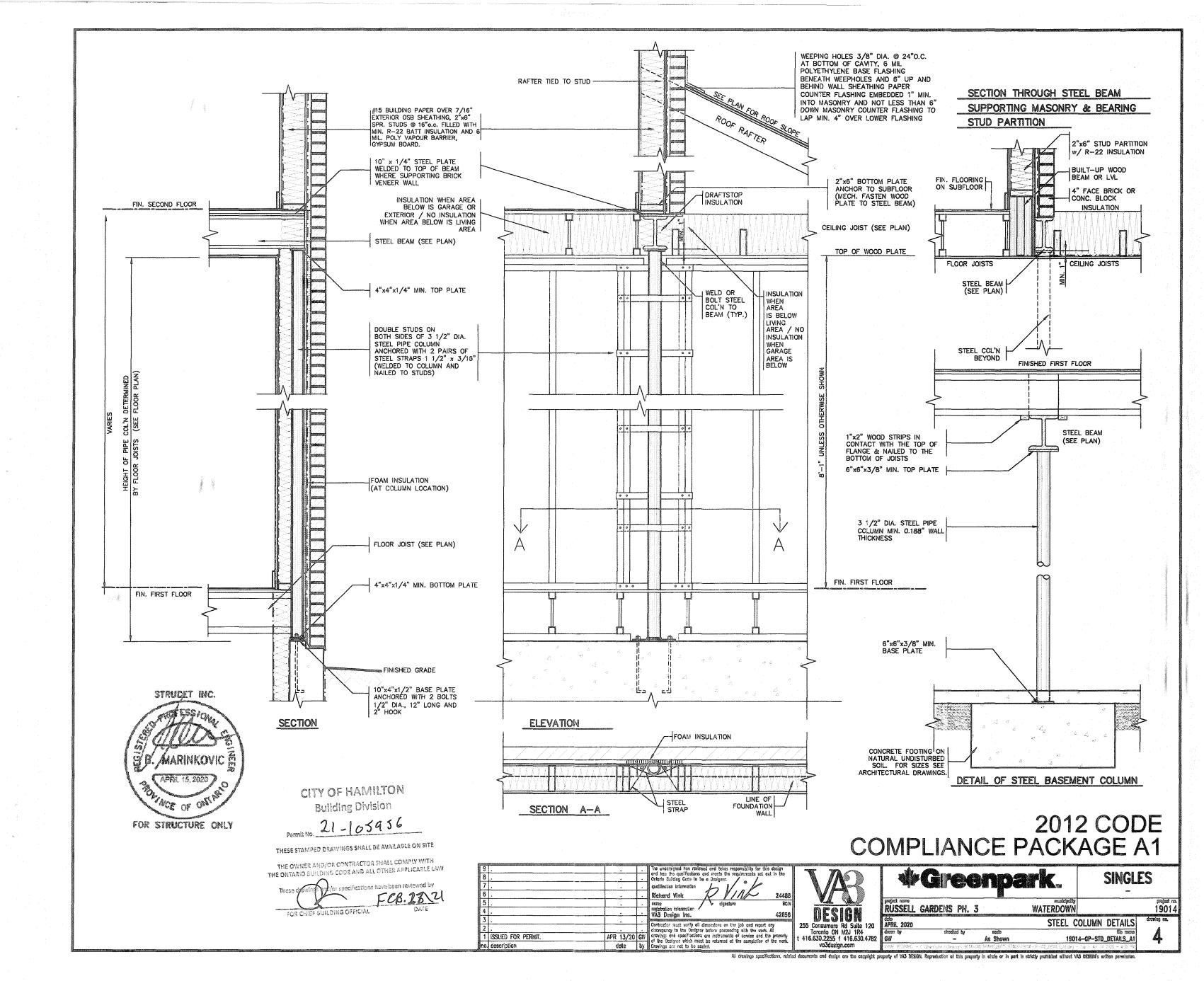
Dependent on number of showers insta Refer to SB12-3.1.1.12 for information

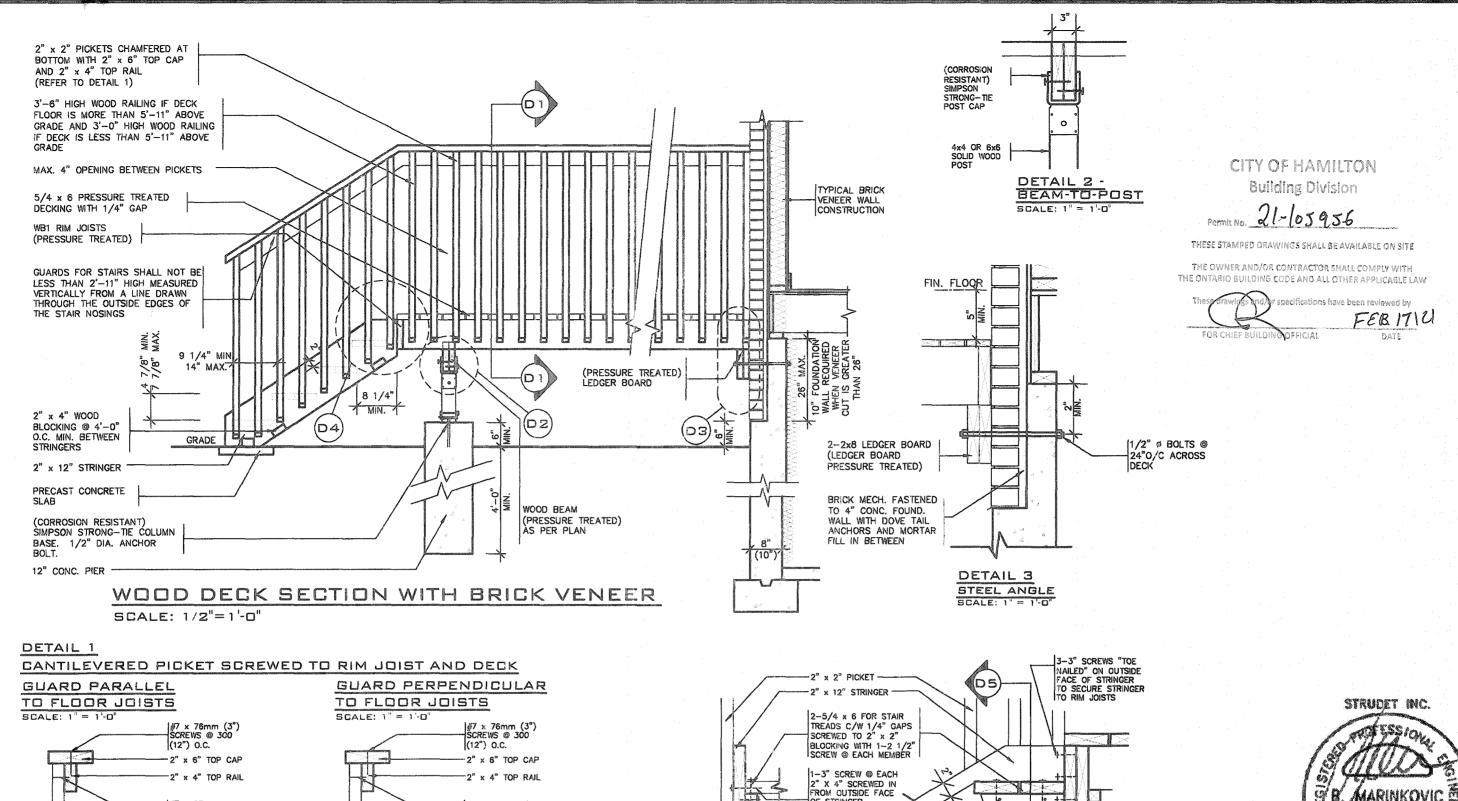
NATURAL GAS

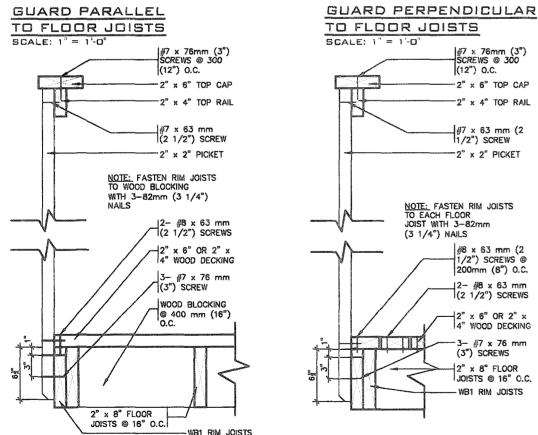
TYPICAL CONSTRUCTION NOTES GW 3/16" = 1'-0" GP-14X18-NOTES-2020-VA3-PKG-A1-19014 416.630.2255 f 416.630.4782 APRIL 2020 GW

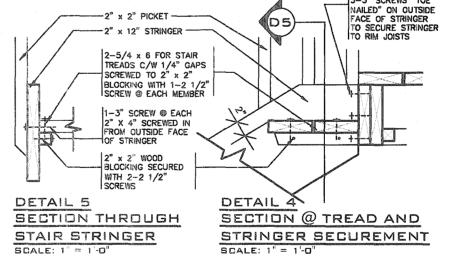












NOE OF OWNER FOR STRUCTURE ONLY

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)

9 . 8 . 7 . 6 .		i.	The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer. qualifiection information Richard Vink 24488	VAR		Gree	MPE		SINGL	ES
5 .	-:-	<u> </u>	norms signature BCN registration information VA3 Design inc. 42658	necign	COLUMN TRANSPORT	GARDENS PH. 3		WATERDOWN		proj 19
	APR 13/20	1000	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 incluments 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 druen by GW	checked by	scolo As Shown		DECK DETAILS Sile rating 4-GP-STD_DETAILS_A1	5
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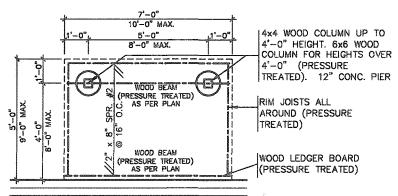
CITY OF HAMILTON Building Division

Permit No. 21-105956

THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

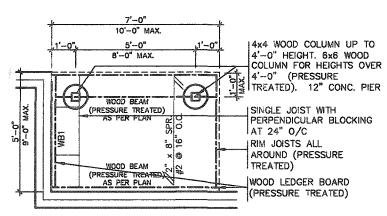
THE OWNER AND/OR CONTRACTOR SHALL COMPLY WITH THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LAW





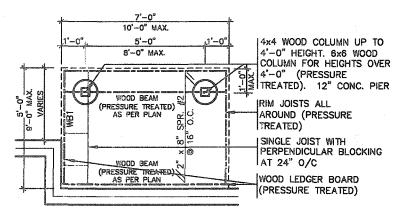
TYPICAL DECK LAYOUT

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



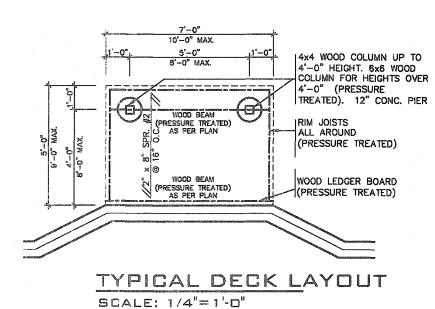
TYPICAL DECK LAYOUT

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



TYPICAL DECK LAYOUT

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



STRUDET INC.

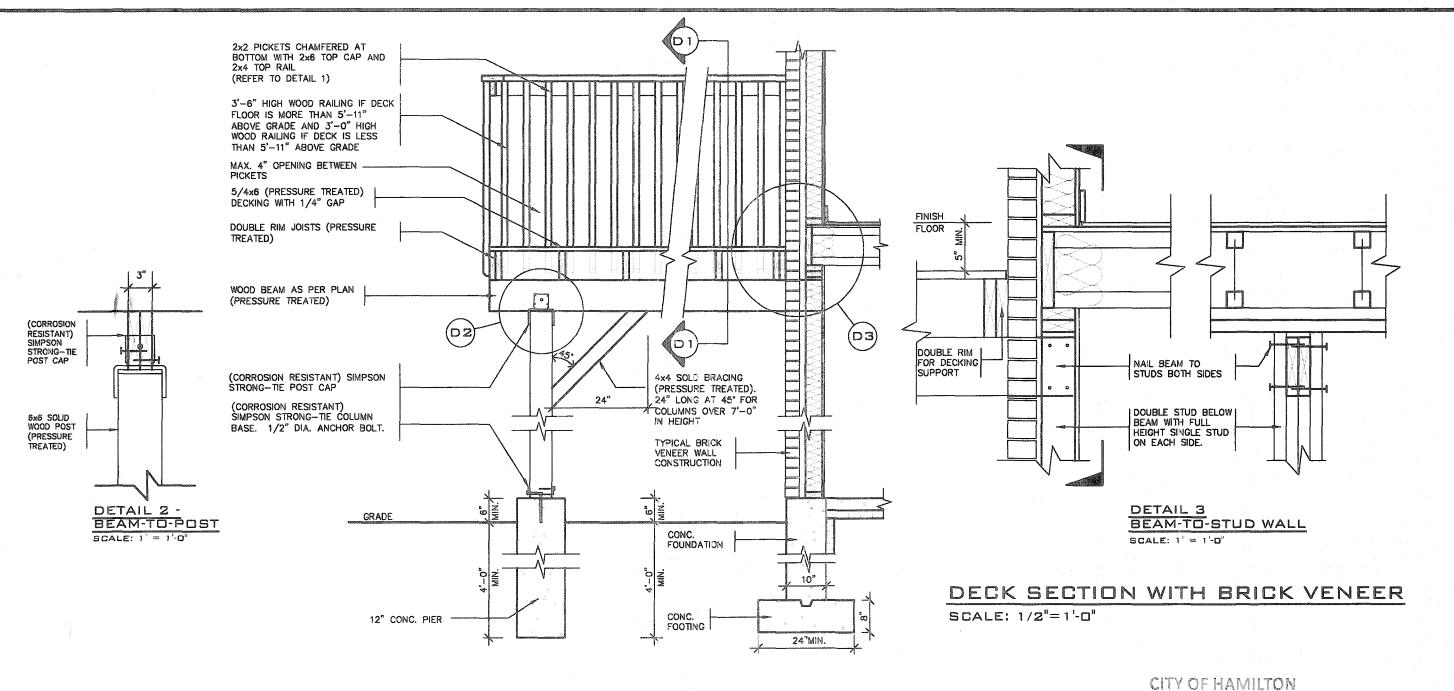
STRUDET INC.

STRUCTURE ONLY

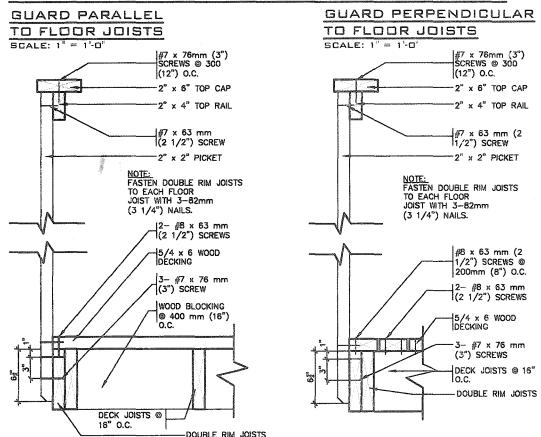
2012 CODE COMPLIANCE PACKAGE A1

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8	6 .		.	Richard Vink DIII 24486							
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H	1 ISSUED FOR PERMIT.	ADD 13/20) C181	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 softward at the constitution of the pro-	Toronto ON M2J 1R4	drewn by	chooled by	eccio	40044	file name	5 1
B				fill on one needless patient takes he constitue of the counterfor or one work.	t 416.630.2255 f 416.630.4782 vo3design.com	GW		As Shown		-GP-STD_DETAILS_A1	
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DETAIL 1 CANTILEVERED PICKET SCREWED TO RIM JOIST AND DECK



Building Division

21-105956

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

FEB17121

GENERAL NOTES

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- 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].

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 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

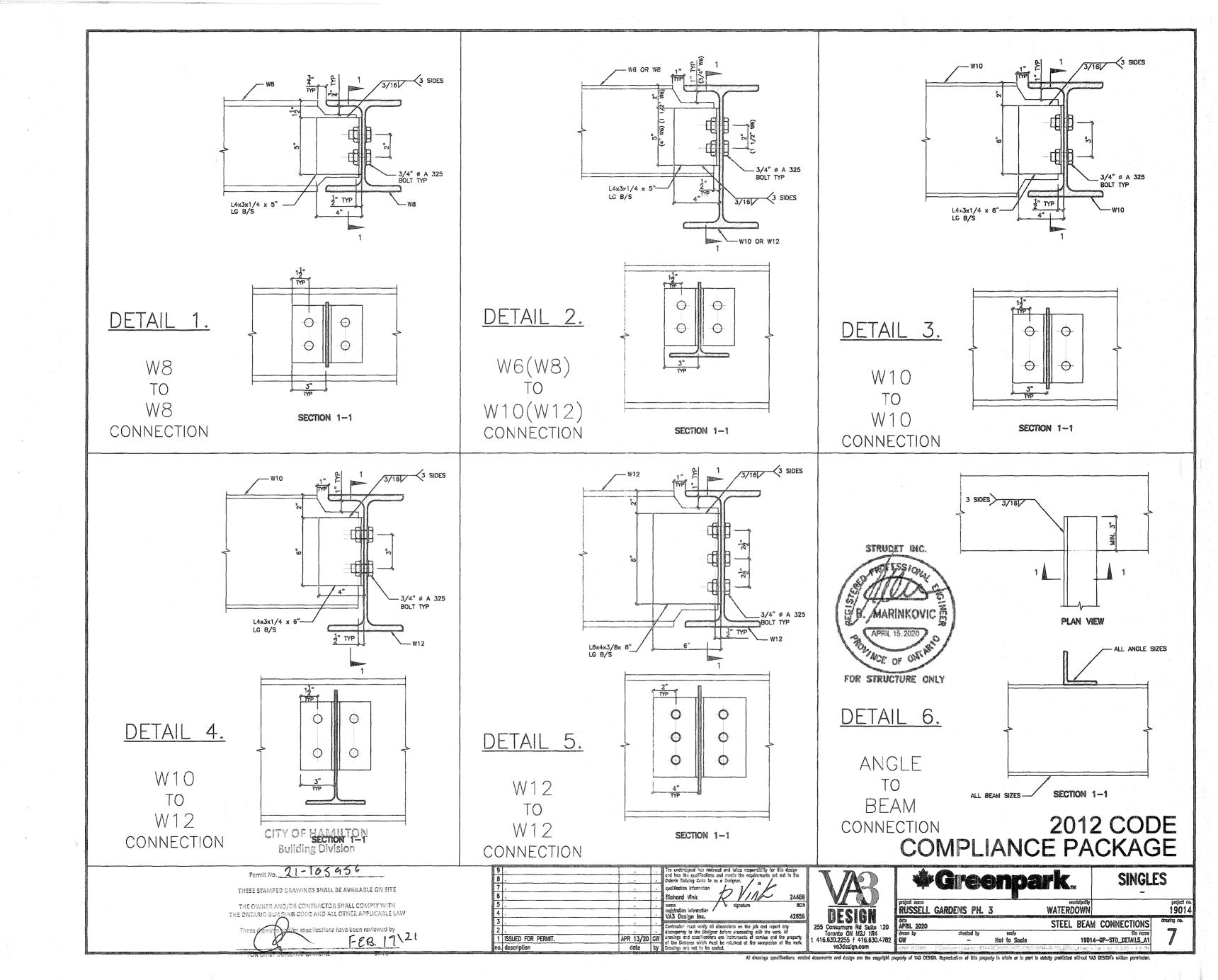
- 5-8% AIR ENTRAINED.
- FOOTING TO BE PLACED ON UNDISTURBED SOIL WITH MINIMUM BEARING PRESSURE OF 150kPa [3130psf].
- WB1= 2- 2"x8" (PRESSURE TREATED)
 WB3= 2- 2"x10" (PRESSURE TREATED)

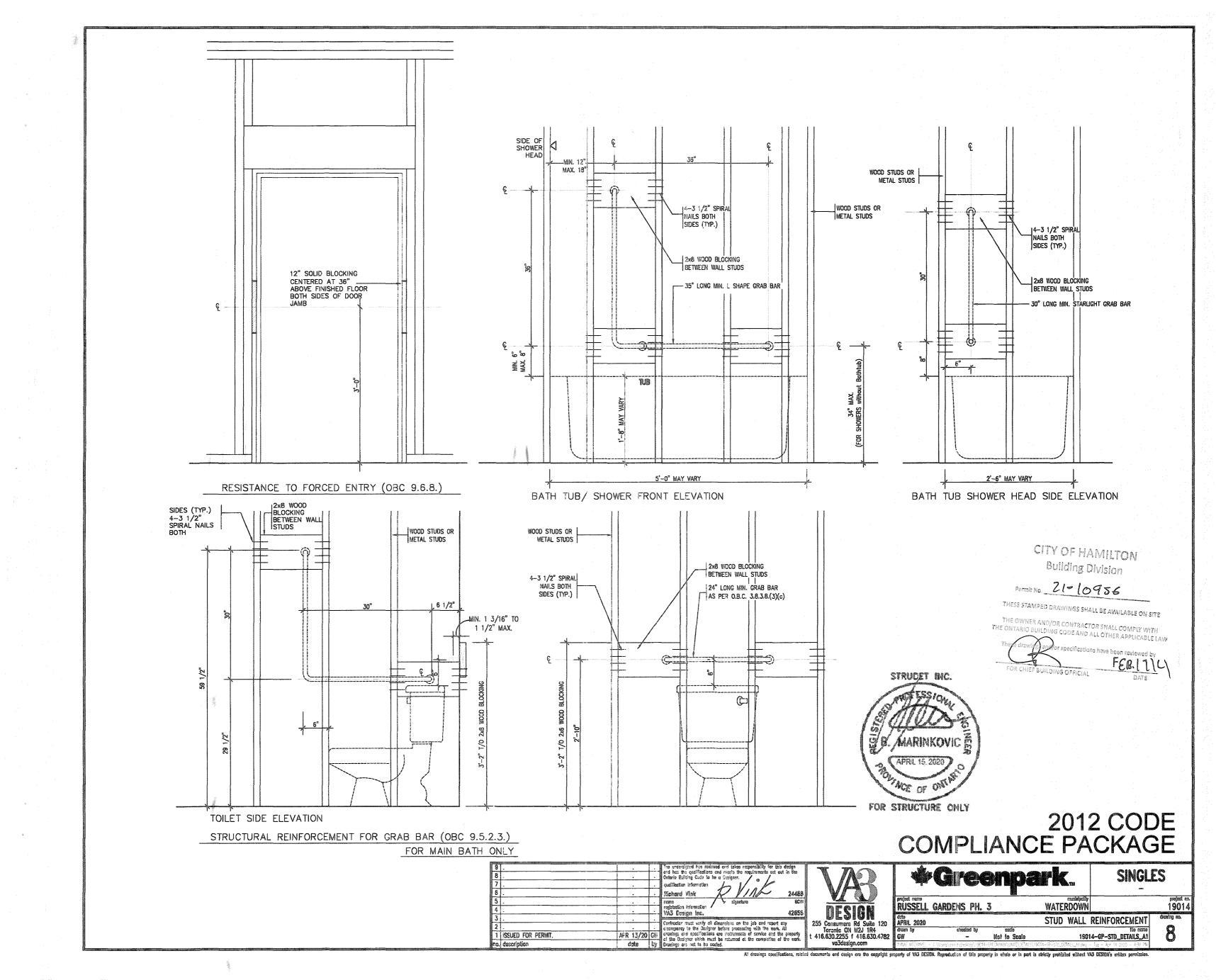


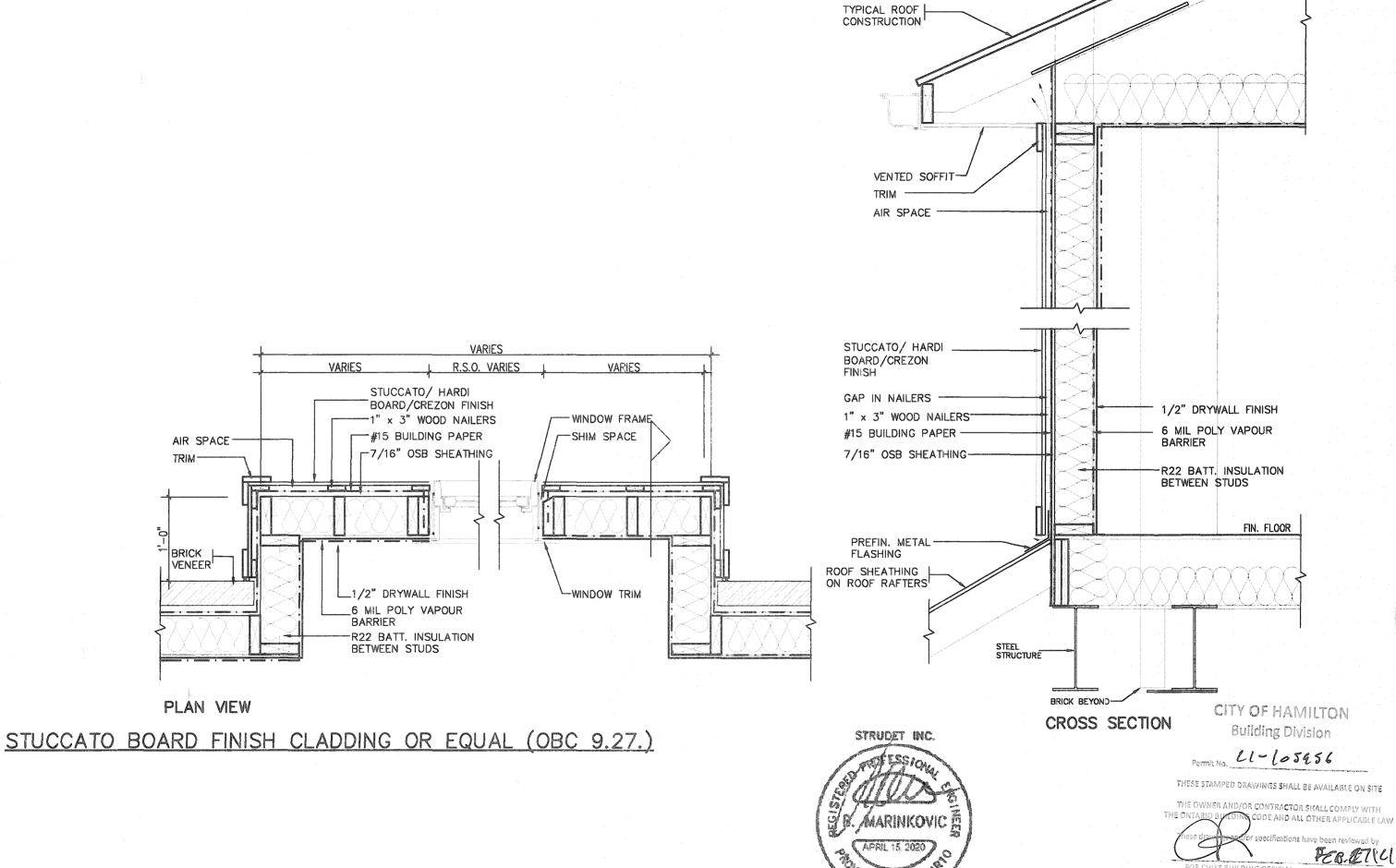
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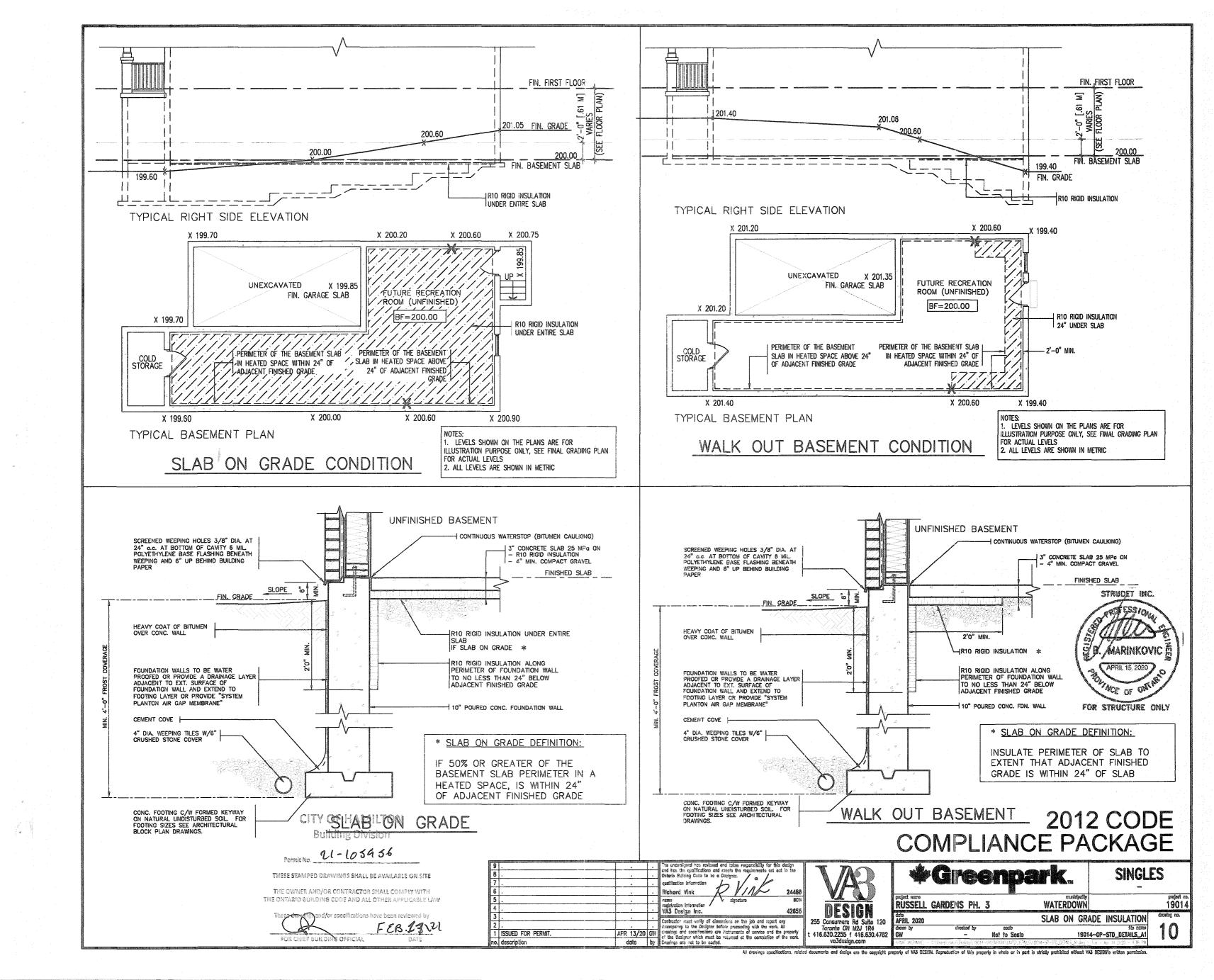
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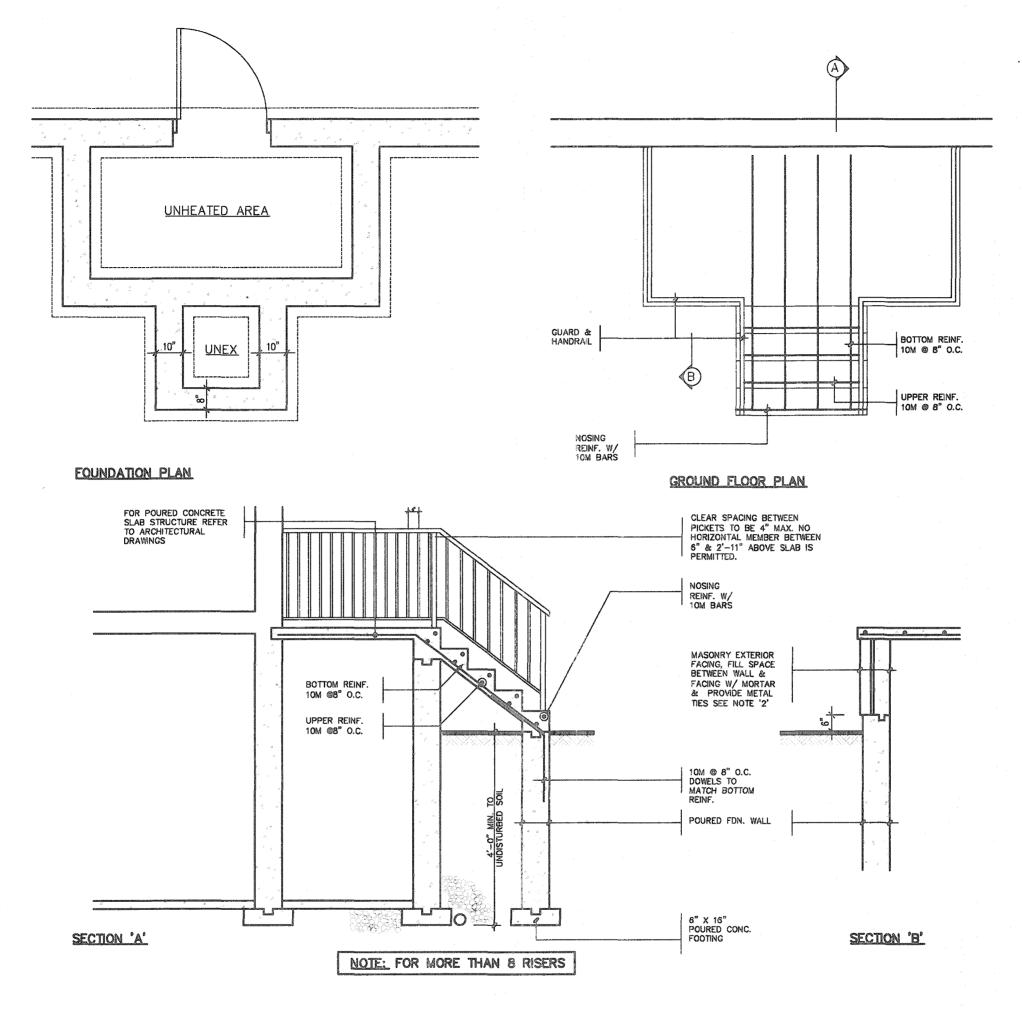
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GENERAL NOTES

1. EXTERIOR STAIRS

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

2. MASONRY TIES

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

3. GUARDS

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

4. HANDRAIL

ARE REQUIRED WHERE STEPS HAVE MORE THAN 3 RISERS . HANDRAIL HEIGHT 34" - 38".

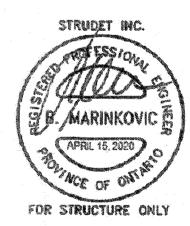
5. FOUNDATION WALLS

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

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

7. CONCRETE COVER

PROVIDE MINIMUM 3/4" CLEAR CONCRETE COVER TO REINFORCING BARS



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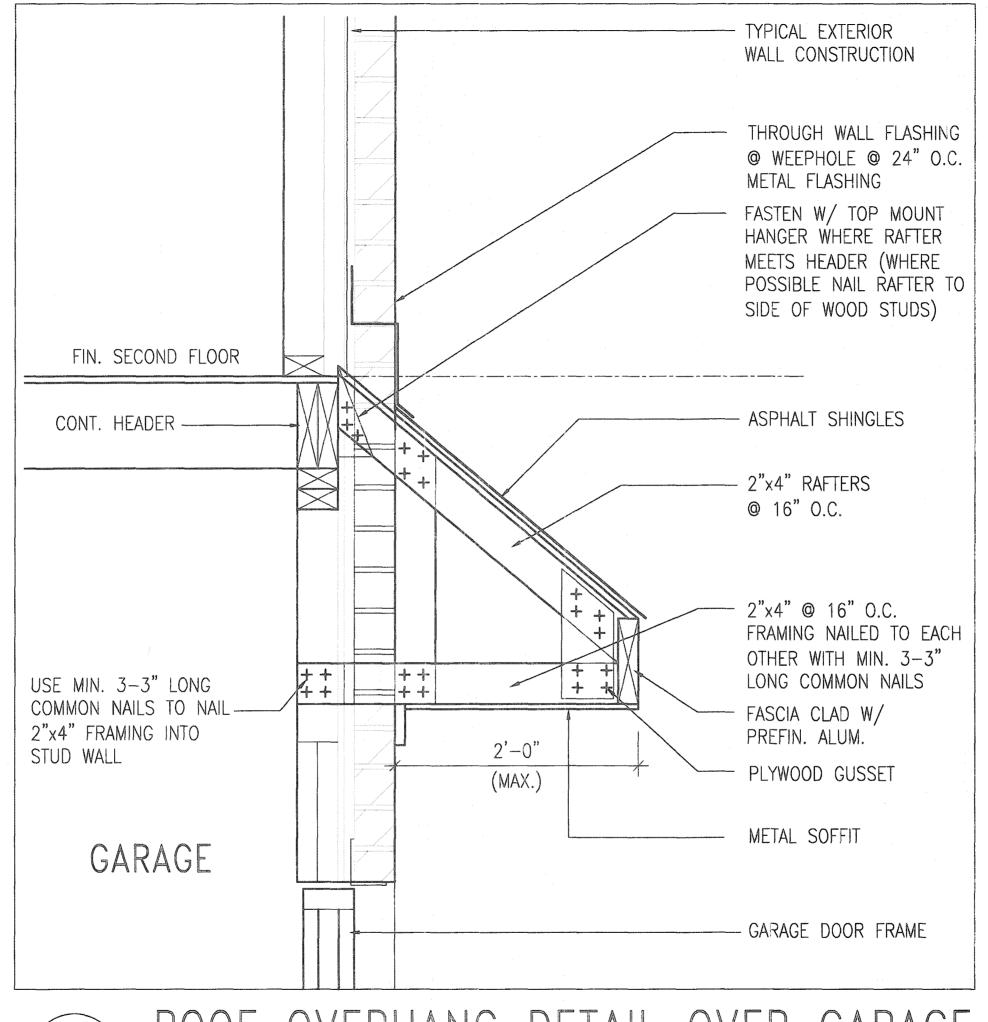
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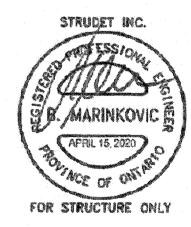
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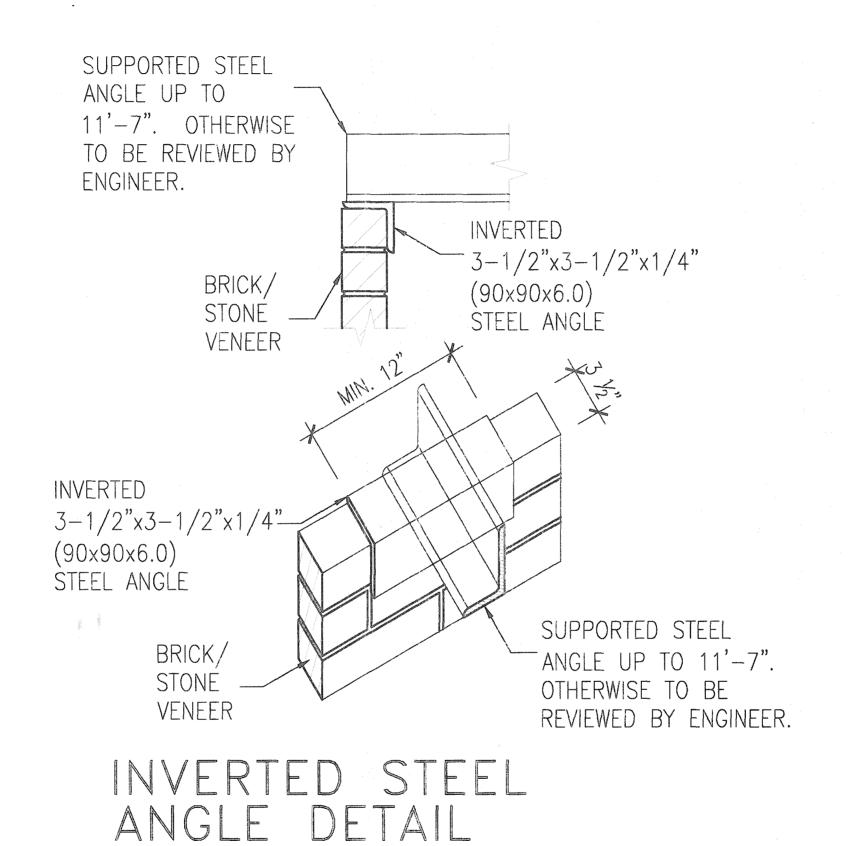
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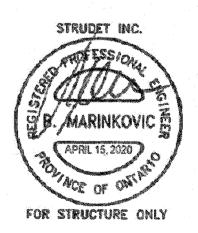
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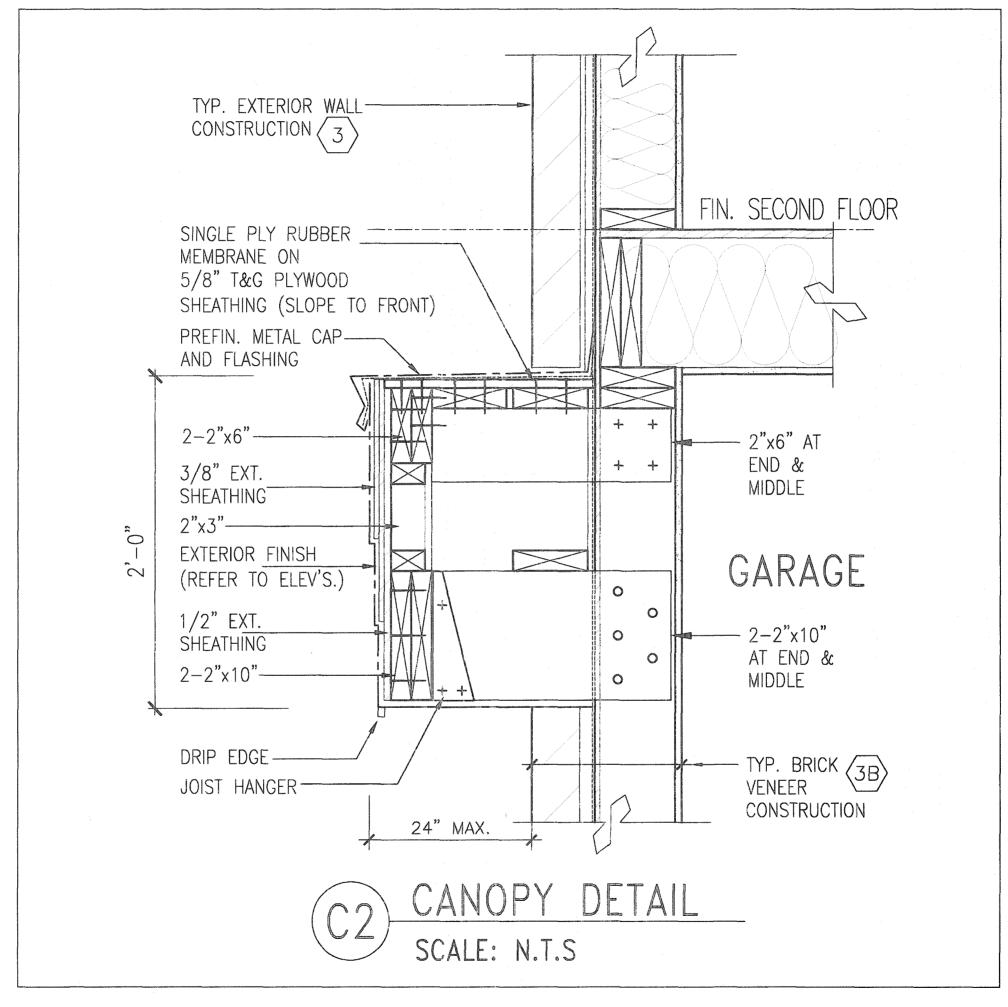
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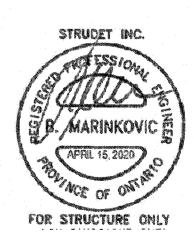
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