- 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. MAN. REPROVED EAVES PROTECTION TO CATERIO SOUTHIN (3-0) FROM EDGE OF ROOF AND MIN. 300mm (12") BEYOND INNER FACE OF EXTERIOR WALL, (EAVES PROTECTION NOT REO") FOR ROOF SLOPES 8:12 OR GREATER) 38x89 (2"x4") TRUSS BRACING @ 1830mm (6"-0") O.C. AT BOTTOM CHORD, PREFIN. ALUM. EAVESTROUGH, FASCIA, RWL & AT BOTTOM CHOICE, PREFIX. ALUM: EAVESTROUGH, PASSON, AND ACVENTED SOFFIT. PROVIDE ICE & WATER SHIELD TO ALL ROOF, WALL SUFFACES SUSCEPTIBLE TO ICE DAMMING. ROOF SHEATHING TO BE FASTENED 130. (of c along edges & intermediate supports when trusses spaced greater than 406 (16°). ATTC VENTILATION 1:300 OF INSULATED CEILING AREA WITH MIN. 25% AT EAVES & MIN. 25% AT RIGGE
- 2 FRAME WALL CONSTRUCTION (2"x6") (SB-12-TABLE 3.1.1.2.A)
 SIDING AS PER ELEY., 19x38 (1"x2") VERTICAL WOOD FURRING, COMIN.
 SHEATHING MEMBRANE. 1 1mm (7/16") EXT. TYPE SHEATHING OR OBC
 COMPLIANT EQUIVALENT, 36x140 (2"x6") STUDS @ 400mm (16") O.C.,
 RSI 3.87 (R22) INSULATION AND APPR. VAPOUR BARRIER AND APPR.
 CONTIN. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. SIDING TO BE
 MIN. 200mm (8") ABOVE FINISH GRADE. REFER TO OBC SB-12,
 CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMENTS.

 (2B)
 FRAME WALL CONSTRUCTION (2"x4")— GARAGE WALLS FRAME WALL CONSTRUCTION (2"x6") (SB-12-IABLE 31.1.2.A)
- SIDING AS PER ELEV., 19x38 (1°x2") VERTICAL WOOD FURRING, CONTIN SHEATHING MEMBRANE, 11mm (7/16") EXT. TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT, 38x89 (2"x4") STUDS @ 405mm (16") O.C. (MAX. HEIGHT 3000mm (9'-10")), WITH APPR. DIAGONAL WALL BRACING. REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE GARAGE. IDING TO BE MIN. 200mm (8") ABOVE FINISH GRADE.
- 2C) STUCCO WALL CONSTRUCTION (2°x6") (SB-12-TABLE 3.1.1.2.A)
 STUCCO CLANDING SYSTEM COMPONING 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 SPECIFICATIONS ON 25mm (1) MIN. EXTRODED OR EXPANDED RIGHD POLYSTYRENE ON APPR. AIR/MOISTURE BARRIER ON 38x140 (2"x6") STUDS @ 406 (16") O.C., RSI 3.87 (R22) BATT INSUL, APPR. 6 MIL. POLYETHYLENE VAPOUR BARRIER, 13mm (1/2") GYPSUM BOARD INTERIOR FINISH. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE. REFER TO OBC 58-12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION CEPTURDENESS.
- STUCCO VALL CONSTRUCTION (2"xd") —GARAGE WALLS
 STUCCO CLADDING SYSTEM CONFORMING TO 0.B.C. 9.27.1.1(2) & 9.28
 THAT EMPLOY A MEMINUM 10mm AR SPACE BEHIND THE CADDING WITH
 POSITIVE DYNAMAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS
 SPECIFICATIONS OVER 25mm (1") MIN. EXPANDED OR EXTRUDED RIGHD POLYSTYRENE ON APPROVED AIR/MOISTURE BARRIER ON 38x89 (2"x4") STUDS @ 406 (16") O.C. (MAX. HEIGHT 3000mm (9'-10")), WITH APPR. DIAGONAL WALL BRACING. REFER TO NOTE 19 WHERE FLOOR EXISTS STUCCO TO BE MIN. 200 (B") ABOVE FINISH GRADE.
- WALLS ADJACENT TO ATTIC NO CLADDING
 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") INTERIOR DRYWALL FINISH. MID-HEIGHT BLOCKING REQ'D. IF NO SHEATHING APPLIED. REFER TO OBC SB-12, CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS.
- BRICK VENEER CONSTRUCTION (2° +6°) (SB-12-TABLE 3.1.1.2.A) 3. 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x7"x0.03") CALV. METAL TIES @ 406mm (16") O.C. HORIZONTAL (7/6 x 20.03) GALY. METAL TIES & 40 mm (16) OC. TORKOVINIA 610mm (24") O.C. VERTICAL APPROVED SHEATHING PAPER, 11 mm (7/16") EXTERIOR TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT, 38x140 (2"x6") STUDS & 405mm (16") O.C., RSI 3.87 (R22) INSULATION AND APPROVED VAPOUR BARRIER WITH APPROVED CONTIN. 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") BEMIND BUILDING PAPER BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE. REFER TO OBG SB-12 CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMENT 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 810mm (24°) O.C. VERTICAL, APPROVED SHEATHING PAPER, 11mm (7/16") EXTERIOR TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT. (7/16) EXTERIOR THPE SHEAFING OR OBC COMPURANT EQUIVALENT, 30808 (2°x4") STUDS @ 406mm (16") O.C. (MAX. HEIGHT 3000mm (9"-10")) WITH APPROVED DIAGONAL WALL BRACING. REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE GARAGE. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.
- STUCCO WALL CONSTRUCTION (2°×6°) (SB-12-TABLE 31.1.2.A) STUCCO CLADDING SYSTEM CONFORMING TO 0.8.C. 9.27.1.1.(2) & 9.28

 THAT EMPLOYS A MINIMUM 10mm ARI SPACE BEHIND THE CLADDING WITH
 POSITIVE DRAIMAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS (3C) POSITIVE DIRECTOR TO THE CENTRUM AND APPLED PER BROWNERS OF SPECIFICATIONS OVER 25mm (1") MINI EXTRUDED OR EXPANDED RICH POLYSTYRENE ON APPR. CONTIN. AIR/MOISTURE BARRIER ON 38x140 (2"x6") STUDS @ 408mm (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 SB-12, CHAPTER 3 FOR REQUIRED



STRUDET INC. FOR STRUCTURE ONLY INTERIOR STUD PARTITIONS

- 4. FOR BEARING PARTITIONS 38x89 (2"x4") @ 406mm (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.
- FOUNDATION WALL/FOOTINGS: (9.15.3, 9.15.4, 9.13.2, 9.14.2.1.(2)) 200mm (8") POURED CONC. FDTN. WALL 15MPG (2200psi) WITH BITUMENOUS DAMPPROOFING AND DRAMAGE LAYER, DRAMAGE LAYER REQ'D. WHEN BASEMENT INSUL. EXTENDS 900 (2'-11") BELOW FIN. GRADE. DRAMGE LAYER IS NOT REQ'D. IF FOUNDATION WALL IS NATERPRODEED MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500-155 WARTER-ROUPED. MEANINGM POOR RELIGHT 2980 (7 -10) ON DOOR155
 (20"X6") CONTINUOUS KEYED CONC. FTC. BRACE FDTM. WALL PRIOR TO
 BACKFILLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED
 SOIL OR COMPACTED ENGINEERED FILL.

STRIP FOOTINGS - FOR TOWNHOUSES FOR STRIP FOOTING SIZES REFER TO BLOCK FOUNDATION PLAN. ASSUMED 120 KPa (18 p.s.i.) SOIL BEARING CAPACITY FOR TOWNHOUSES, TO BE VERIFIED ON SITE.

-MAXIMUM FLOOR LIVE LOAD OF 2.4kPg. (50gsf.) 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.
- 7.) BASEMENT SLAB OBC. 9.3.1.6.(1)(b). 9.16.4.5.(1). 9.25.3.3.(15) 80mm (3")MIN. 25MPO (3600ps) CONC. SIAB ON 100mm (4")
 COARSE GRANULAR FILL, OR 20MPO. (3000ps) 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 18mm (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 31.1.2.A) (SB-12-3.1.1.8)

 PSI 10 SS (DSD) CLOSER 13 DODG 13 DODG 14 DSD 15 DSD 1 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) MM. ABOVE INNER SURFACE OF EXTERIOR WALL
- ALL STAIRS/EXTERIOR STAIRS ORC. 9.8.—
 UNIFORM RISE 5mm (1/4") MAX BETWEEN ADJACENT TREADS
 OR LANDINGS 10. UNIFORM -10mm (1/2") MAX BETWEEN TALLEST & SHORTEST RISE IN FLIGHT
 - = 200 (7-7/8")MAX. RISE = 210 (8-1/4") = 235 (9-1/4") MAX. NOSING = 25 (1") = 1950 (6'-5") = 900 (2'-11") = 865 (2'-10") to 965 (3'-2") MIN. HEADROOM RAIL @ LANDING RAIL @ STAIR

= 860 (2'-10") MIN. STAIR WIDTH FOR CURVED STAIRS = 150 (6") = 200 (8") MIN. AVG. RUN

HANDRAILS -OBC. 9.8.7.-HANDRAYLS.—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 . (11)

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

EXTERIOR GUARDS — ORC. 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 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 SILL 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 2000M (8") ABOVE THE FINISHED FLOOR & NO CLOSER THAN 50mm (2") OF THE BASEMENT SLAB. RSI 3.52ci (R20ci) BLANKET INSULATION TO HAVE APPROVED VAPOUR BARRIER. RECOMMEND DAMPPROOF WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL. NOTE: FULL HEIGHT INSULATION AT COLD CELLAR WALLS. AIR BARRIER TO BE SEALED TO FOUNDATION WALL WITH CAULKING CONTINUOUS INSULATION (ci) IS NOT TO BE INTERRUPTED BY FRAMING.

RASEMENT REARING STUD PARTITION BASEMENT BEARING SIND MARTHIRDN

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") INTO

CONC. @ 2400mm (7"-10") O.C. 100mm (4") HIGH CONC. CURB

ON 305x155 (12"x6") CONC. FOOTING. ADD HORIZ. BLOCKING AT

MID—HEIGHT IF WALL IS UNFINISHED.

(15.) STEEL BASEMENT COLUMN (SEE O.B.C. 9.15.3.3) 89mm(3-1/2") DIA x 4.78mm(0.188") STL. COL WITH A MIN. CAPACITY OF 108.6kN (24,000lbs.) WITH 150x150x9.5 (6"x6"x3/6") STL. TOP & BOTTOM PLATE.

STEEL COLUMN 90mm(3-1/2") DIA x 4.78mm(0.188") STL. COL. WITH
100x100x6.0 (4"x4"x1/4") TOP & BOTTOM PLATES. FIELD WELD
BOTTOM PLATE TO 100x250x12.5 (4"x10"x1/2") BASE PLATE C/W
2-12mm DIA. x 300mm LONG x50mm HOOK ANCHORS
(2-1/2"x12"x2"). 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") SCREWS MANUF.

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

17) 19x38 (1°x2") CONTINUOUS WOOD STRAPPING BOTH SIDES OF STEEL BEAM. (OBC. 9.23.4.3.(3c))

GARAGE SLAB CARROSE SLAD 100mm (4") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRANMENT 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 & CELLINGS (SE-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 ARTICHT PER 0.8.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 ORC 9.10.13.15.

EXTERIOR STEP

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

DRYER VENT(OBC-8.2.3.8(7), & 8.2.4.1.1)
CAPPED DRYER EXHAUST VENTED TO EXTERIOR. (USE 100mm (4") DIA. SMOOTH WALL VENT PIFE).

23) ANSULATED ATTIC ACCESS (OBC-8,19.2.1, & 5812-3.1.1.8)
ATTIC ACCESS HATCH WITH MIN. DIMENSION OF 5/45x700mm
(21-1/2*x27-1/2*) & A MIN. AREA OF 0.32 \$2.M. (3.44) SQ.FT.) WITH WEATHERSTRIPPING. RSI 3,52 (R20) RIGID INSULATION BACKING. SEE OBC SB-12, 3.1.1.8.

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

LINEN CLOSETS 25. 4 SHELVES MIN. 350mm (14") DEEP.

MECHANICAL EXHAUST MECHANICAL EXHAUST FAN, VENTED TO EXTERIOR AS REQUIRED BY OBC. 9.32.3.5. & 9.32.3.10.

STEEL BEARING PLATE FOR MASONRY WALLS
280x280x16 (11"x11"x5/8") STL PLATE FOR STL BEAMS AND
280x280x12 (11"x11"x1/2") STL PLATE FOR WOOD BEAMS
BEARING ON CONC. BLOCK PARTYWALL ANCHORED WITH 2-19mm (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 RULLT-UP WOOD STUDS TO BE CONSTRUCTED IN ACCORDANCE WITH OBC 9.17.4.2(2).

(28) CLASS 'B' VENT
U.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 (ORC 9.17.4.) 29. 3-38x140 (3-2°x6") 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.

STEPPED FOOTINGS (OBC 3.15.3.9.) MAX. VERT. STEP = 600mm (24").

SLAB ON GRADE

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

COARSE GRANULAR FILL REINFORCED WITH 6x6-W2.9xW2.9 MESH
PLACED NEAR MID-DEPTH OF SLAB. CONC. STRENGTH 32 MPo (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.

LOUSE SIEEL LINEES	j	
L1 =3-1/2" x 3-1/2" x 1/4"L (90x90x6.0L)		
L2 =4° x 3-1/2° x 5/16°L (100x90x8.0L)		
L3 =5" x 3-1/2" x 5/16"L (125x90x8.0L)		
L4 =6" x 3-1/2" x 3/8"L (150x90x10.0L)		
L5 =6" x 4" x 3/8"L (150x100x10.0L)	PAD FOOTINGS	
L6 =7" x 4" x 3/8"L (180x100x10.0L)	120 KPG, NATIVE SOIL SO KPG, ENGINEERED FILL SOIL	
LAMINATED VEHEER LUMBER (LVL.) BEAMS	F1 = 42"x42"x18" CONCRETE PAD F1 = 48"x48"x20" CONCRETE PAD	
PARTICULAR ACTUAL TOTAL PORTO PORTO	F2 ≈ 36"x36"x16" CONCRETE PAD F2 ≈ 40"x40"x16" CONCRETE PAD	
LVL1A =1-1 3/4"x7 1/4" (1-45x184)	F3 = 30"x30"x12" CONCRETE PAD F3 = 34"x34"x14" CONCRETE PAD	
LVL1 =2-1 3/4°x7 1/4" (2-45x184)	F4 = 24"x24"x12" CONCRETE PAD F4 = 28"x28"x12" CONCRETE PAD	
LVL2 =3-1 3/4°x7 1/4" (3-45x184)	F5 = 16"x16"x8" CONCRETE PAD F5 = 18"x18"x8" CONCRETE PAD	
LVL3 = $4-1$ 3/4"x7 1/4" (4-45x184)	(REFER TO FLOOR PLAN FOR UNUSUAL SIZE PAOS NOT ON CHART.)	
$LVL4A = 1-1 3/4^{\circ}x9 1/4^{\circ} (1-45x235)$	DOOR SCHEDULE	
LVL4 =2-1 3/4"x9 1/4" (2-45x235)		
LVL5 =3-1 3/4°x9 1/4° (3-45x235)	NOS. WIDTH HEIGHT HEIGHT TYPE	
LVL5A =4-1 3/4"x9 1/4" (4-45x235)	Sta 9' 10' OR MORE CELLING CELLING	
LVL6A =1-1 3/4"x11 7/8" (1-45x300)	1 2'-10" 6'-8" 8'-0" INSULATED ENTRANCE DOOR	
LVL6 =2-1 3/4"x11 7/8" (2-45x300)	1a 2'-8" 6'-8" 8'-0" INSULATED FRONT DOORS 2 2'-8" 6'-8" 8'-0" WOOD & CLASS DOOR	
LVL7 =3-1 3/4"x11 7/8" (3-45x300)	3 12'-8" 6'-8" 8'-0" EXTERIOR SLAB DOOR	
LVL7A =4-1 3/4"x11 7/8" (4-45x300)	4 2'-8" 6'-8" 8'-0" INTERIOR SLAS DOOR 5 2'-6" 6'-8" 8'-0" INTERIOR SLAS DOOR	
LVL8 = $2-1 \ 3/4$ "x14" (2-45x356)	6 12'-2" 6'-8" 8'-0" INTERIOR SLAB DOOR	
LVL9 = $3-1$ 3/4"x14" (3-45x356)	7 1'-6" 6'-8" 8'-0" INTERIOR SLAB DOOR	
STOCK VENEER LINTELS	WOOD LINTELS AND SEAMS	7
WL1 =3-1/2" x 3-1/2" x 1/4"L (89x89x6.4L)	+ 22"x8" SPR. No.2 WB1 =2-2"x8" (2-38x184) SPR. No.2	٦
	+ 2-2"x8" SPR. No.2 W32 =3-2"x8" (3-38x184) SPR. No.2	
WL3 =5" x 3-1/2" x 5/16"L (127x89x7.9L)	+ 2-2"x10" SPR. No.2 WB3 =2-2"x10" (2-38x235) SPR. No.2	
	+ 2-2"x12" SPR. No.2 WB4 =3-2"x10" (3-38x235) SPR. No.2	
	+ 2-2"x12" SPR. No.2 WB5 =2-2"x12" (2-38x286) SPR. No.2	
	+ 2-2"x12" SPR. No.2 WB6 =3-2"x12" (3-38x286) SPR. No.2	
WL7 =5" x 3-1/2" x 5/16"L (127x89x7.9L)	+ 3-2"x12" SPR. No.2 WB7 =5-2"x12" (5-38x286) SPR. No.2	-
	+ 3-2"x10" SPR. No.2 WB11 =4-2"x10" (4-38x235) SPR. No.2	

W	9 =6" x 4" x 7/16"L (152x102x11.0L)	→ 3-2"x10	o" Si	PR. No.2 W812 =4-2"x12" (4-38x286) SPR. No.2
8			·	The undersigned has reviewed and toles responsibilly for this design and has the qualifications and meets the requirements set out in the Ontorin Building Code to be a Designer.
5	•	<u> </u>	÷	quelification information Richard Vink Reme signature ECN
4				registration information /
3	SB NOTE FURTHER DEFINED.	DEC 03/20	GW	
2	re-issued.	AUG 24/20	GW	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All
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 sank.
no.	description	d ate	by	firmings are not to be scaled.

DIRECT VENTING GAS FURNACE VENT 32. DIRECT VENT FURNACE TERMINAL MIN. 300mm (35") FROM A GAS
REQULATOR. MIN. 300mm (12") ABOVE FIN. GRADE, FROM ALL OPENINGS,
EXHAUST AND INTAKE VENTS. HRV INTAKE TO BE A MIN. OF 1830mm

CODE. ALL AR NITAMES HALL BE LOCATED SO THAT THEY ARE SEPARATED FROM KITCHEN EXHAUST BY J.OM IN COMPLIANCE WITH O.B.C. DN.-B TABLE 6.2.3 12...

33) 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
THE LEADING CORE. JOIST STRAPPING AND BRIDGING (SEE OSC. 9.23.9.4)

16mm (5/8") T & G SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERAMIC TILE APPLICATION (° SEE OBC 9.30.6. °) 6mm (1/4") PANEL TYPE UNDERLAY UNDER RESILIENT & PARQUET FLOORING. (° SEE OBC 9.30.2.9)
FLOOR JOISTS WITH SPANS OVER 2100mm (6'-11") TO BE BRIDGED WITH 38x38 (2"x2") CROSS BRACING OR SOLID BLOCKING @ 2100mm

(6'-11") O.C. MAX. AND WHERE SPECIFIED BY JOIST TABLES A-1 OR A-2 STRAPPING SHALL BE 19x64 (1"x3") © 2100mm (6'-11") O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED. (* SEE OBC

SEMPOSED BUILDING FACE -OBC. 9.10.15.

35. EXPERIOR 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 CLED IN NON-COMBUSTIBLE MATERIAL. SEE ELEVATIONS FOR ADDITIONAL MATERIAL. additional notes.

COLD CELLAR PORCH SLAB (OBC 9.39.)

(36) FOR MAX. 2500 mm (8'-2") PORCH DEPTH (SHORTEST DIM.), 125mm (4 7/8") 32MF0 (4640ps) CONC. SLAB WITH 5-0% AIR ENTRANMENT. REINF. WITH 10M BARS © 200mm (7 7/8") O.C. EACH WAY IN BOTTOM THIRD OF SLAB, 870x800 (23 5/8" x 23 5/8") 10M DOWELS © 600mm (2 57-3") O.C., ANCHORED IN PERIMETER FORM. WALLS. SLOPE SLAB MIN.
1.0% FROM DOOR. SLAB TO HAVE MIN 75mm (3") BEARING ON FORM.
WALLS. PROVIDE (L1) LINTELS OVER CELLAR DOOR AND WITH 100mm (4")
END BEARING.

BRICK CHECK

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

CONVENTIONAL ROOF FRAMING (2.0Kpg. SNOW LOAD)

38x140 (2"x6") RAFTERS @ 406mm (16"0.C.) FOR MAX 11"-7" SPAN,
38x140 (2"x6") REIGE BOARD. 38x39 (2"x4") COLLAR TIES AT MOSPANS.
CELLING JOHTS TO BE: 38x39 (2"x4") @ 406mm (16") O.C. FOR MAX.
2830mm (5"-3") SPAN & 38x140 (2"x6") @ 405 (16") O.C. FOR MAX.
4450mm (14"-7") SPAN.
RAFTERS FOR BURT-UP ROOF TO BE 38x89 (2"x4") @ 610mm (24")
O.C. WITH A 38x89 (2"x4") CENTRE POST TO THE TRUSS BELOW,
LATERALLY GRACED @ 1800mm (6"-0") O.C. VERTICALLY. CONVENTIONAL ROOF FRAMING (2.0Kpg, SNOW LOAD)

TWO STOREY VOLUME SPACES

-FOR A MANNUM 5490 mm (18"-0") HEIGHT AND MAXIMUM SUPPORTED

ROOF TRUSS LENGTH OF 6.0m, PROVIDE 2-38x140 (2-2"x6") SPR. (2")

CONTIN. STUDS © 305mm (12") O.C. (TRIPLE UP AT EVERY THIRD DOUBLE STUD FOR BRICK WALLS) C/W 9.6 (3/8") THICK EXT. PLYWOOD SHEATHING. PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS @ NOT EXCEEDING 2900 mm (9"-6"), PROVIDE 36x140 (2"x6") STUDS @ 408 (16") O.C. WITH CONTINUOUS 2-38x140 (2-2"x6")TOP PLATES + 1-38x140 (1-2°x6") BOTTOM PLATE & MINIMUM OF 3-38x184 (3-2°x8") CONT. HEADER AT GRND. CEILING LEVEL TOE-NALED & GLUED AT TOP, BOTTOM PLATES AND HEADERS.

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

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

EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 408mm (16") o.c. QR 38x89 (2"x4") STUDS @ 305mm (12") o.c.

) MINIMUM BEDROOM WINDOW —CRC. 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

D.3532 UNUSSINUITED CLARES ON OF LOCATED
WINDOW GUARDS —GRC. 8.8.8.1.(8)
WINDOW GUARDS —GRC. 9.8.8.1.(8)
A GUARD IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS LOCATED
LESS THAN 480mm (1'-7') ASOVE FR. FLOOR AND THE DISTANCE FROM
THE FIN. FLOOR TO THE ADJACENT GRADE IS GREATER THAN 1800mm

(3-11)
WINDOW WELLS -OBC. 9.14.6.3.
ALL WINDOW WELLS TO DRAIN TO FOOTING LEVEL PER OBC 9.14.6.3.

ALL WARDON WELLOW THE LOCAL AUTHORITY.
EXTERIOR WINDOWS
ALL EXTERIOR WINDOWS TO COMPLY WITH REQUIREMENTS STATED IN O.B.C.-DIV. B-9.7.1.7. & SB12-3.1.1.9.

> EXTERIOR DOORS - THERMAL RESISTANCE
ALL EXTERIOR DOORS TO COMPLY WITH THERMAL RESISTANCE AS STATED R 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.

2) ALL DOWNSPOLTS TO DRAIN AWAY FROM THE RURIDING AS PER ORC. 9.26.18.2. AND MUNICIPAL STANDARD

STUD WALL REINFORCEMENT FOR FUTURE GRAB BARS IN MAIN BATHROOM REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATER CLOSETS AND SHOWER OR BATHTUB IN MAIN BATHROOM. REFER TO OBC 9.5.2.3, 3.8.3.8.(3)(o), 3.8.3.8.(3)(c), 3.8.3.13.(2)(g) & 3.8.3.13.(4)(e).

AIR BARRIERS ALL AIR BARRIER SYSTEMS TO COMPLY WITH O.B.C.-DIV. B, 9.25.3. OUTDOOR AIR INTAKE ALL OUTDOOR AIR INTAKES SHALL BE LOCATED SO THAT THEY ARE

SEPARATED FROM SOURCES OF CONTAMINATION (EXHAUST VENTS)
COMPLIANCE WITH O.B.C. DIV.-8 6.2.3.12, AND TABLE 6.2.3.12.

UMBER:

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

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

IVI BEAMS SHALL BE 2.0E-2950Fb MIN. MAD FACH PLY OF IVI WITH Semin (3 1/2") LONG COMMON WIRE NAILS & 300m STAGGERED IN 2 ROWS FOR 184,240 & 300mm (7 7/8") DEPTHS AND STAGGERED IN 3 ROWS FOR CRE R 184,240 & 300mm (7 1/4",9 1/2", 11 TRED IN 3 ROWS FOR GREATER DEPTHS AME 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 HANGERS TYPE "SCL" MANUFACTURED BY SIMPSON STRONG—TIE OR EQUAL FOR ALL LVL BEAM TO BEAM CONNECTIONS UNLESS NOTED OTHERWISE.

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

WOOD FRAMES NOT TREATED WITH A WOOD PRESERVATIVE, IN CONTACT WITH CONCRETE, SMALL BE SEPARATED FROM THE CONCRETE BY AT LEAST 2 mil. POLYETMYLENE FILM, No. 50 (48ths.) ROLL ROUTING OR OTHER DAMPPROORIEM MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 150mm (6") ABOVE THE GROUND.

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

2) REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R.

ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR. THE EXTERIOR SHARIMING MUST NOT BE GYPSIAM BASED, ALL STUCCO TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.

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

- 1	to the total of the state of th	ALLEVANO VIEW CONTRACTOR CONTRACT	AND THE PARTY OF T
ı	USE SB-12 COME	PLIANCE	<u>PACKAGE (A1)</u>
	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
l	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
ĺ	Windows & Sliding glass Doors Maximum U-valus	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)	Minimum 1 OR Dependent on a Refer to \$312-	Mosimum 2 Required. umber of chomors installed. 3.1.1.12 for information
	ci- Denotes Continuous Insu		

LEGEND

CLASS '8' VENT

WEATHERPROOF DUPLEX OUTLET

POT LIGHT

(9)

=

Ø%,

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

GFI DUPLEX OUTLET (HEIGHT A.F.F) HEAVY DUTY OUTLET (220 volt)

LIGHT FIXTURE (CEILING MOUNTED) XC LIGHT FIXTURE φ. - LIGHT FIXTURE (WALL MOUNTED) SWITCH

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

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

P.T. PRESSURE TREATED

G.T. GIRDER TRUSS
BY ROOF TRUSS MANUE

I FLAT ARCH

TCA T CURVED ARCH

M.C. MEDICINE CABINET

CONC. BLOCK WALL

SPECIAL WALL CONSTRUCTION SEE NOTE ON PLANS

SOLID WOOD BEARING (SPRUCE No. 2).
SOLID BEARING IS TO BE AS WIDE AS SUPPORTED MEMBER OR

AS DIRECTED BY STRUCTURAL ENGINEER.
SOLID BEARING TO BE MINIMUM 2 PIECES.
THE NUMBER SHOWN AFTER "SB" REPRESENTS THE NUMBER OF PLIES REQUIRED. EXAMPLE SBS = 3 PLY SOLID BEARING. SOLID WOOD BEARING TO MATCH FROM ABOVE

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

SMOKE ALARM (REFER TO OSC 9.10.19) PROVIDE 1 PER FLOOR, NEAR THE STARTS CONNECTING THE FLOOR LEVEL AND ALSO 1 IN EACH BEDROOM NEAR HALL DOOR, ALARMS TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND INTERCONNECTED TO ACTIVATE ALL MARKS IF 1 SOUNDS, BATTERY BOXA-PROLITED, SHOKE ALARMS TO INCORPORATE VISUAL SIGNALLING COURDINATE.

CARBON MONOXIDE ALARM (OBC 9.33.4.) * CARBON MONOXIDE ALARM (OBC. 9.33.4.)
WHERE A FUEL-BURRING APPLANCE IS NOTALED IN A DWELLING UNIT, A
CARBON MONOXIDE DETECTOR CONFORMOR TO CAN, CCA-6.19,CSA 6.19
OR UL2034 SHALL BE INSTALLED ADJACENT TO EACH SLEEPING AREA.
CARBON MONOXIDE DETECTOR(S) SHALL BE PERMANEUTLY WIRED SO THAT
ITS ACTIVATION WILL ACTIVATE ALL CARBON MONOXIDE DETECTORS AND BE
EQUIPPED WITH AN ALARM THAT IS AUDIBLE WITHIN BEDROOMS WHEN THE
INTERVENING DOORS ARE CLOSED.

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

DRAIN WATER HEAT RECOVERY UNIT (DWHR)
PER SB(2-3.1.1/12.). A DRAIN WATER HEAT RECOVERY (DWHR)
UNIT SHALL BE INSTALLED IN EACH DWELLING UNIT TO RECEIVE
DRAIN WATER FROM ALL SHOWERS OR FROM AT LAST TWO
SHOWERS WHERE THERE ARE TWO OR MORE SHOWERS IN-THE
DWELLING UNIT. BOS NOT APPLY IN THE ARE US SHOWERS OR
NO STOREY BENEATH ANY OF THE SHOWERS.

THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

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

nese drawings and/or specifications have been reviewed by FEB. 23/21 AX

CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB AND REPORT ANY DISCREPANCY TO VAS DESIGN INC. BEFORE ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND THE PROPERTY OF THE DESIGNER WHICH MUST BE RETURNED AT THE COMPLETION OF THE WORK. GS 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 pe and equipment shall conform to the elected package unless otherwise noted.

REVISION: • ONT. REG. 332/12-2012 OBC Amendment O. Reg. 88/19

JAN. 01, 2020

PACKAGE 'A1

SINGLES

19014[†]



DESIGN 255 Consumers Rd Suite 120
Toronto ON M2J 1R4

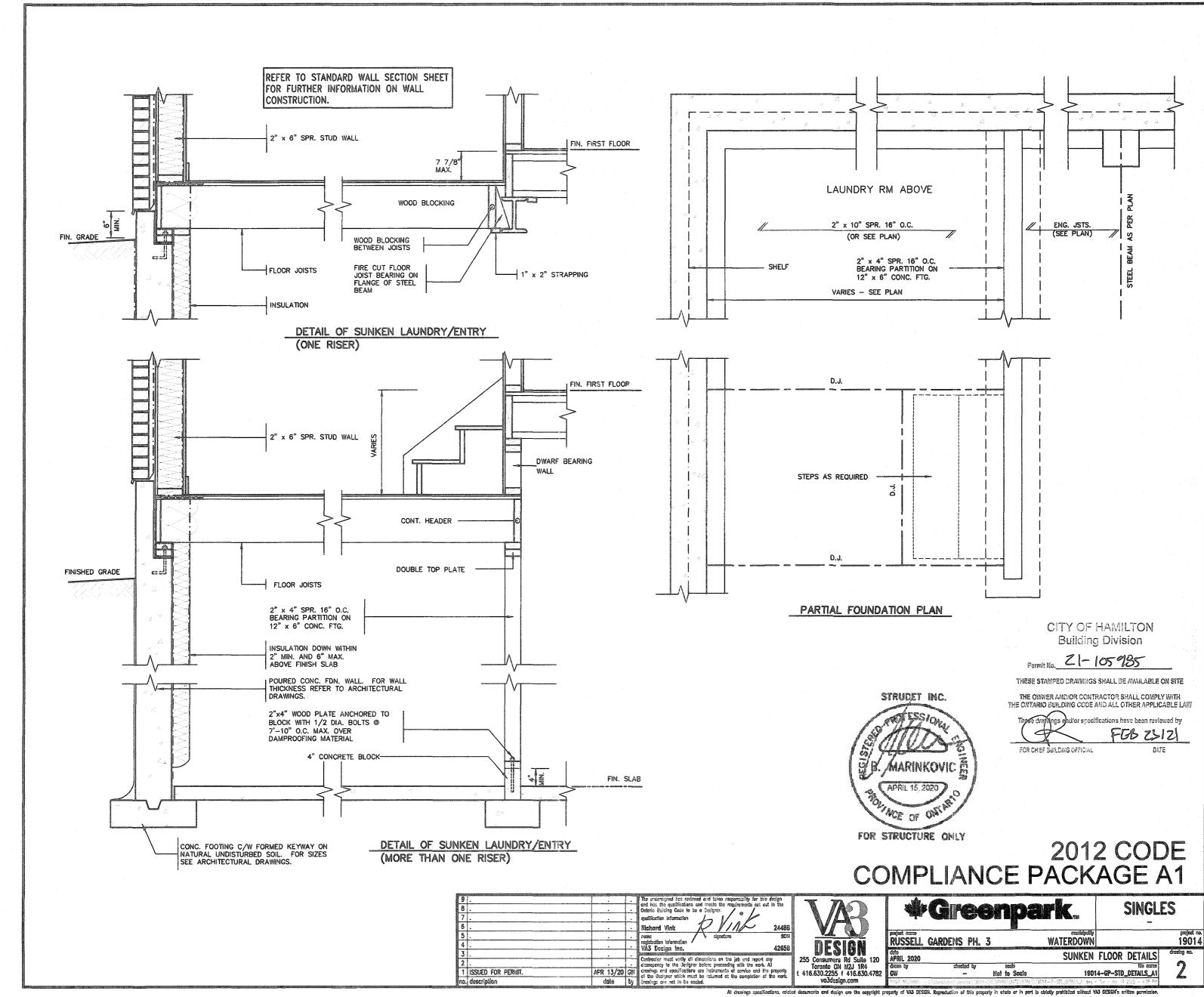
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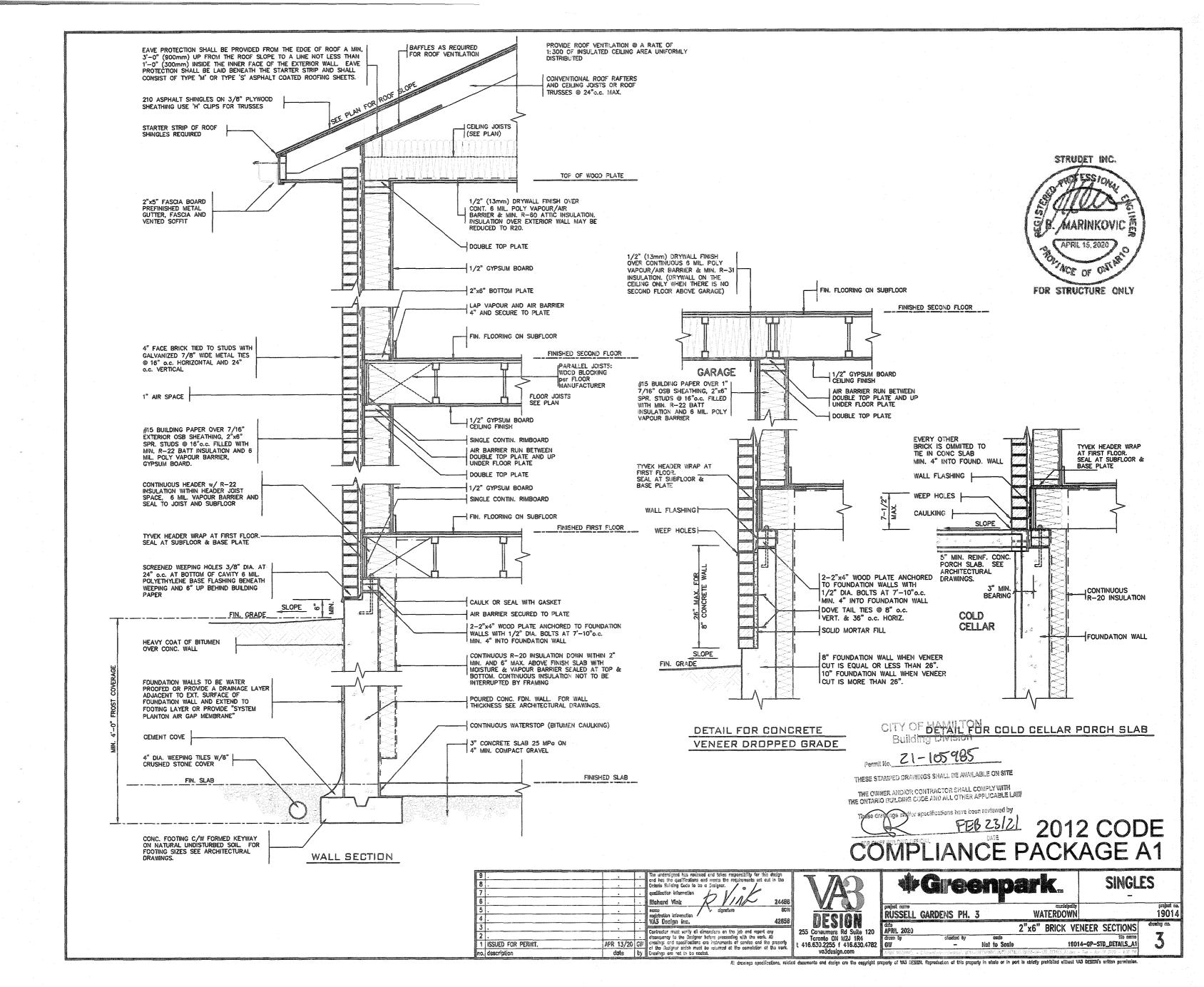
APRIL 2020 GW

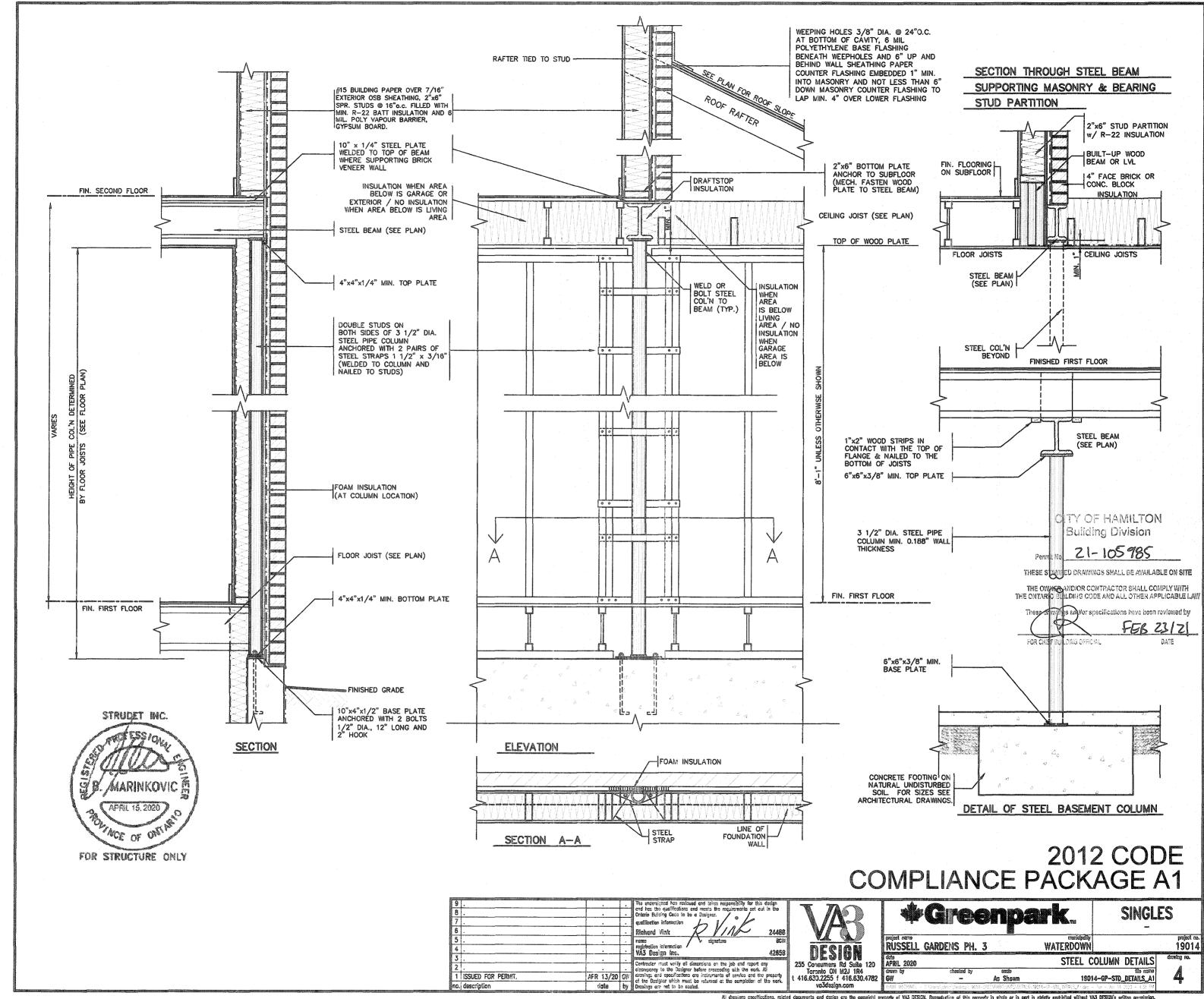
Greenpark. WATERDOWN

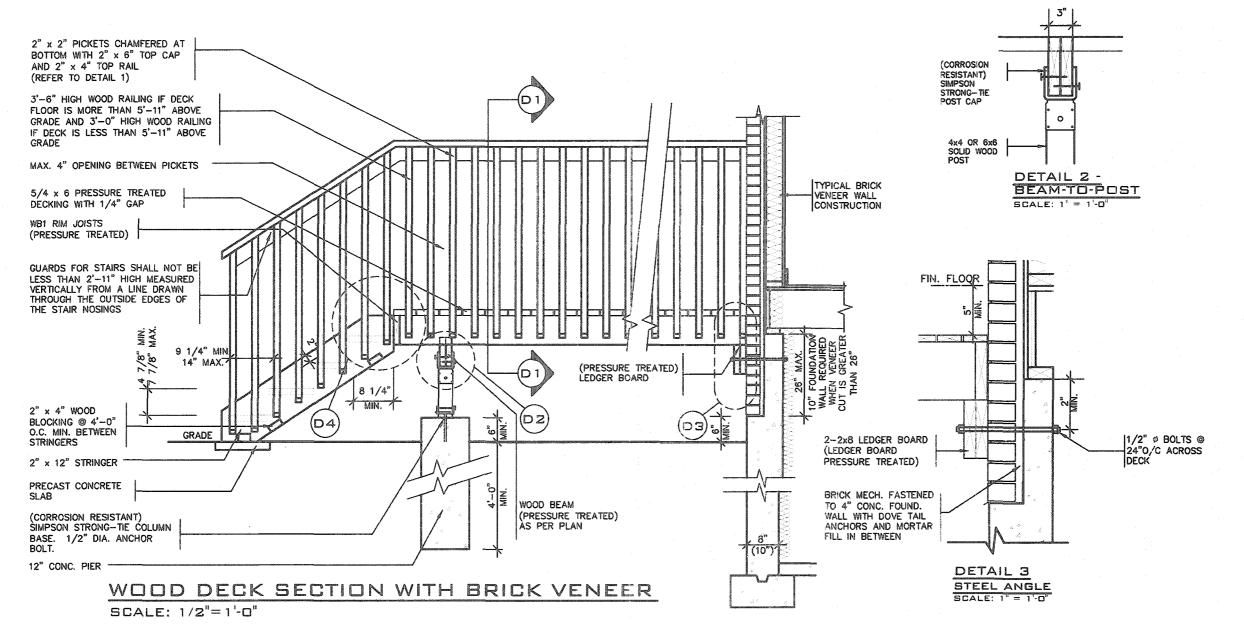
TYPICAL CONSTRUCTION NOTES GW 3/16" = 1'-0" GP-14X18-NOTES-2020-VA3-PKG-A1-19014

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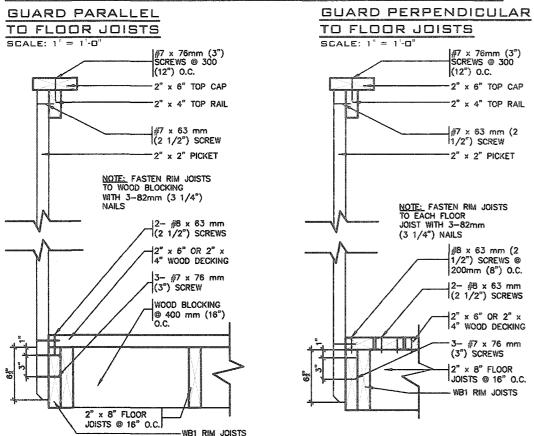


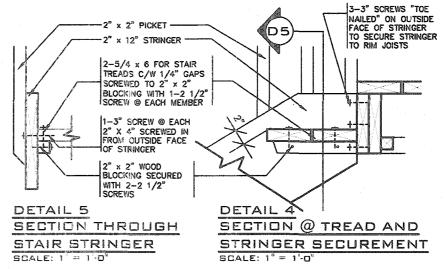




DETAIL 1





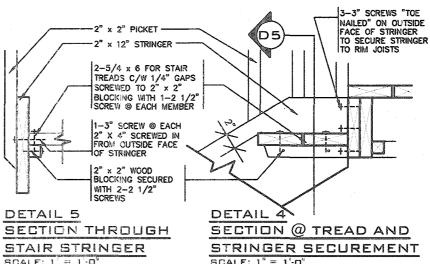


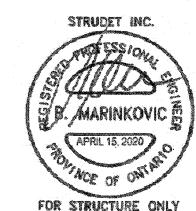
GENERAL NOTES

- 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) 8.





CITY OF HAMILTON **Building Division**

Permit No. 21-105 985

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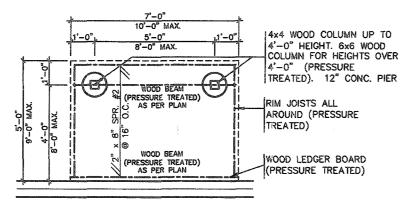
cifications have been reviewed by Nings a

FOR CHIEF BUILDING OFFICIAL

PEB Z3/Z

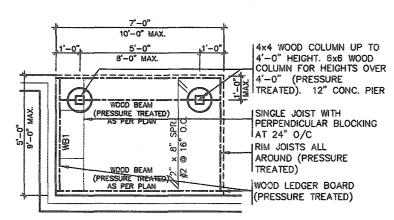
DATE

	9 . 8 . 7 . 6 .		<u> : </u>	The undersigned has reviewed and takes responsibility for this design and has the qualifications and metal the requirements set out in the Ontario Bullating Code to be a Basigner. qualification information Richard Vinik 24456	VAR		Gree			SINGLI	
	5 . 4 .	:	<u>:</u>	name agrature BCN registration information VA3 Design Inc. 42658	DESIGN	RUSSELL	GARDENS PH. 3	:	municipality WATERDOWN		project no. 19014
diseast	3 . 2 .	<u>:</u>	١.	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	drosing no.
	1 ISSUED FOR PERMIT.	APR 13/20 date	G₩	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 vo3design.com	cheem by GW Helps VETADATE	checked by	As Shown MPARQUEET/DETALS/15	. 1901 - 1904-5F-SIC_DETARS_Aldwa	### ##################################	5



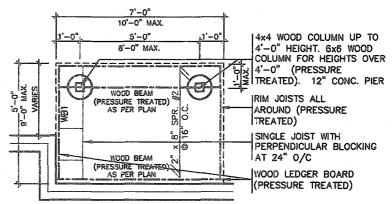
TYPICAL DECK LAYOUT

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



TYPICAL DECK LAYOUT

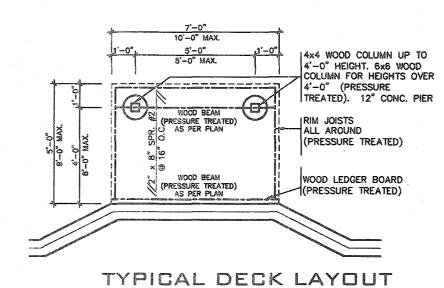
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TYPICAL DECK LAYOUT

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

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APRIL 15, 2020
APRIL

STRUCET INC.

FOR STRUCTURE ONLY

CITY OF HAMILTON Building Division

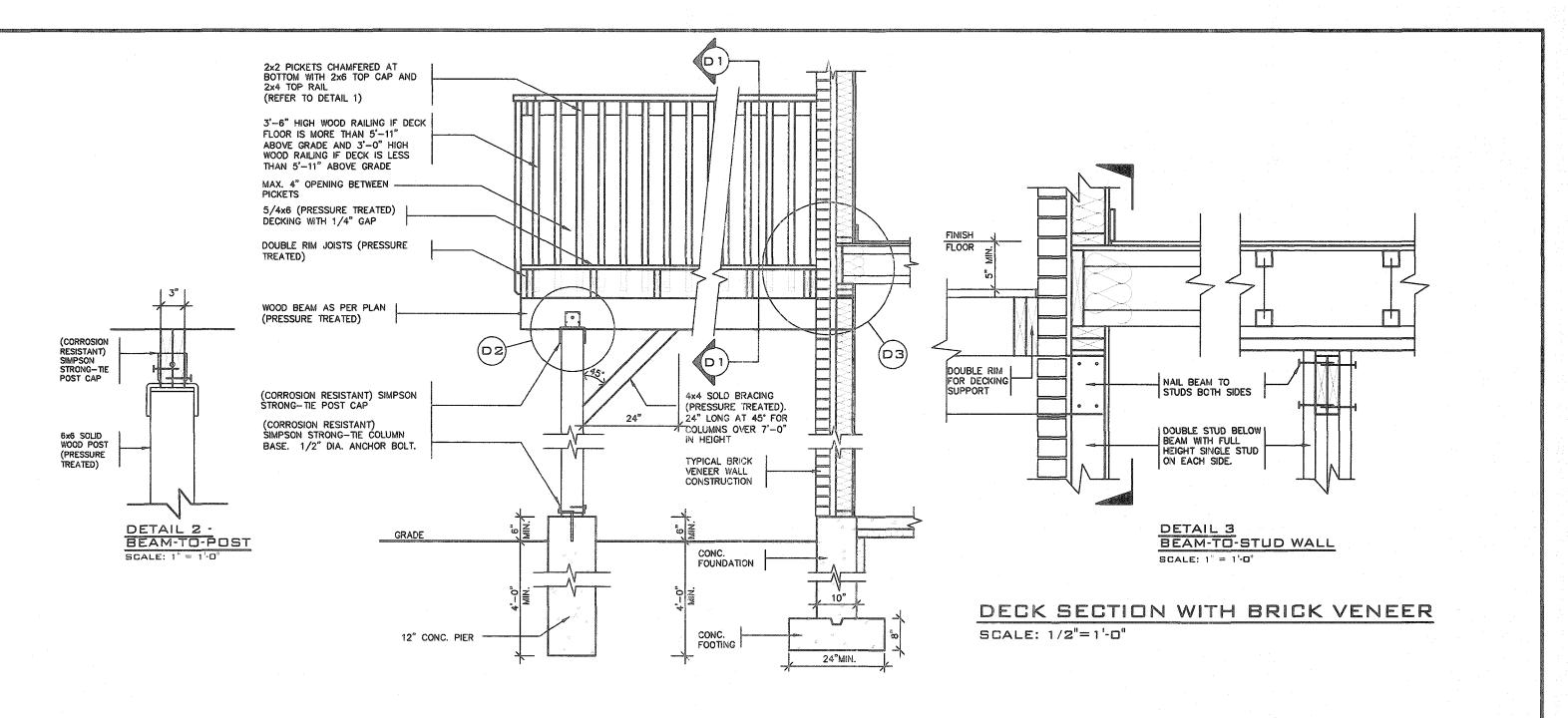
Permit No. 21 - 105 985

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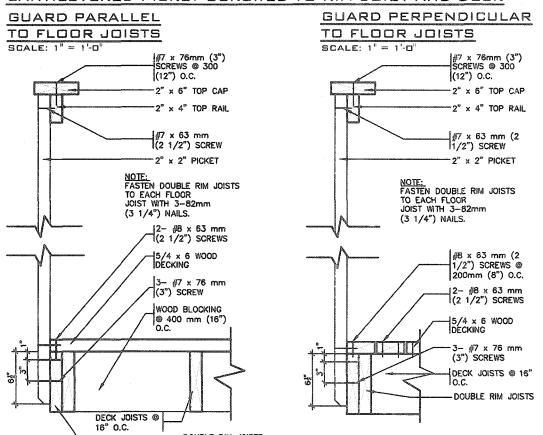
THE OWNER ANDIOR CONTRACTOR SHALL COMPLY WITH THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LAW

wese gravings and/or specifications have been reviewed by

9 8 7 6		:	· · ·	The undersigned has reviewed and toless responsibility for this design and has the qualifications and meets the requirements set out in the Conterio Euliding Code to be a Designer. custification bearmation Richard Vinit	88		Gree			SINGL	ES
4		:	<i>.</i>		negian l	project nemo RUSSELL dato	GARDENS PH.	3	WATERDOWN		190 derena no.
2	SSUED FOR PERMIT.	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 drawings and specifications are instruments of service and the property of the Designer which must be returned at the corrolation of the work.	255 Consumers Rd Suite 120 Toronto ON M2J 1R4	APRIL 2020 drawn by	checked by	accilo As Shown		DECK PLANS File name —GP-STD_DETAILS_A1	
no	description	dote	by	Drawings are not to be scaled.	vo3design.com related documents and design are the copyright proj	State of the agency construction		an page of the second and the second	614-68-510_051485_A1 dag -) strictly prohibited without VA3		







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and/or specifications have been reviewed by FEB 23/STRUDET INC.

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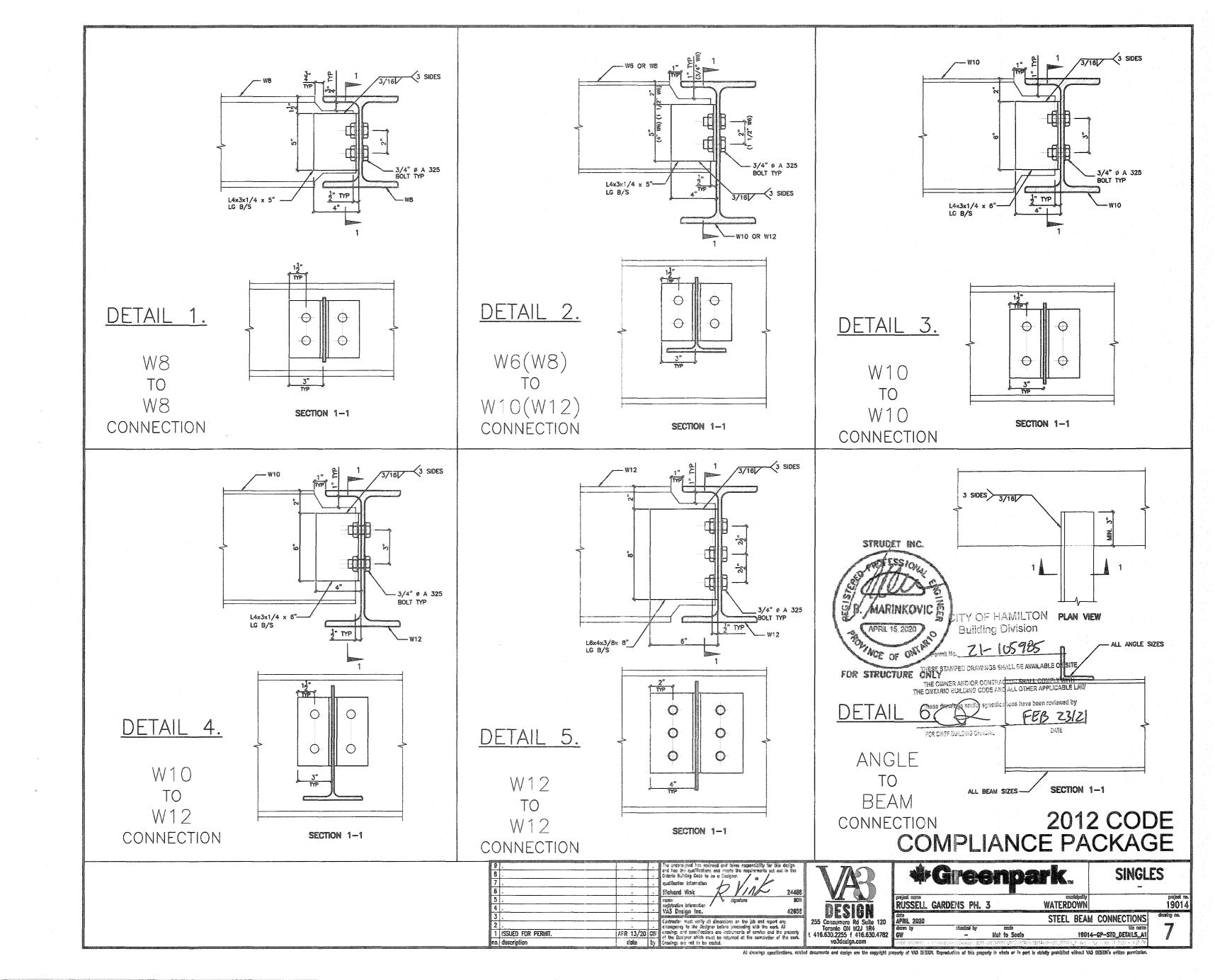
<u>GENERAL</u> NOTES

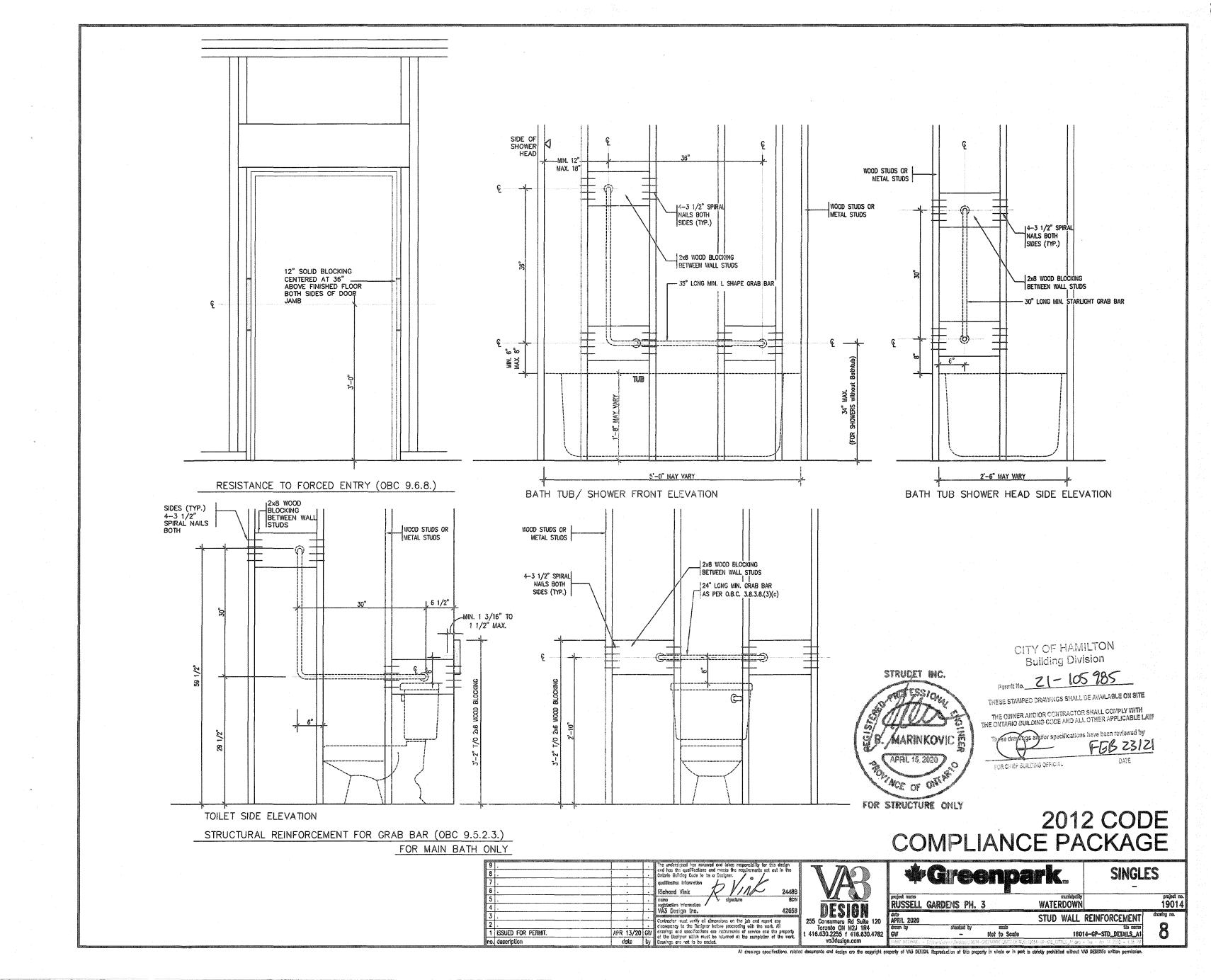
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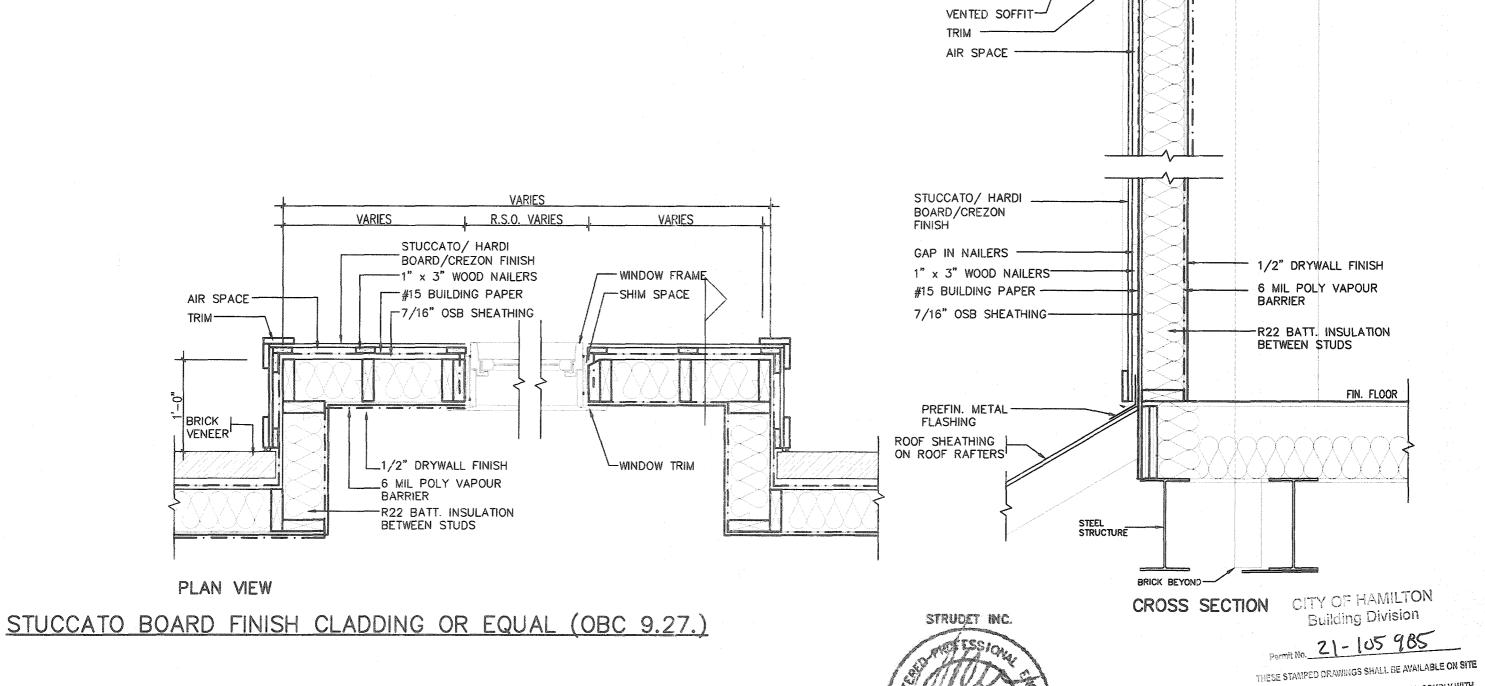
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 WB3= 2- 2"x10" (PRESSURE TREATED)









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TYPICAL ROOF CONSTRUCTION

MOE OF ONLY

FOR STRUCTURE ONLY

42658

APRIL 2020

PROJECT NOTIFE RUSSELL GARDENS PH. 3

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

WATERDOWN

STUCCATO/ HARDI BOARD FINISH

COMPLIANCE PACKAGE A1

*Greenpark.

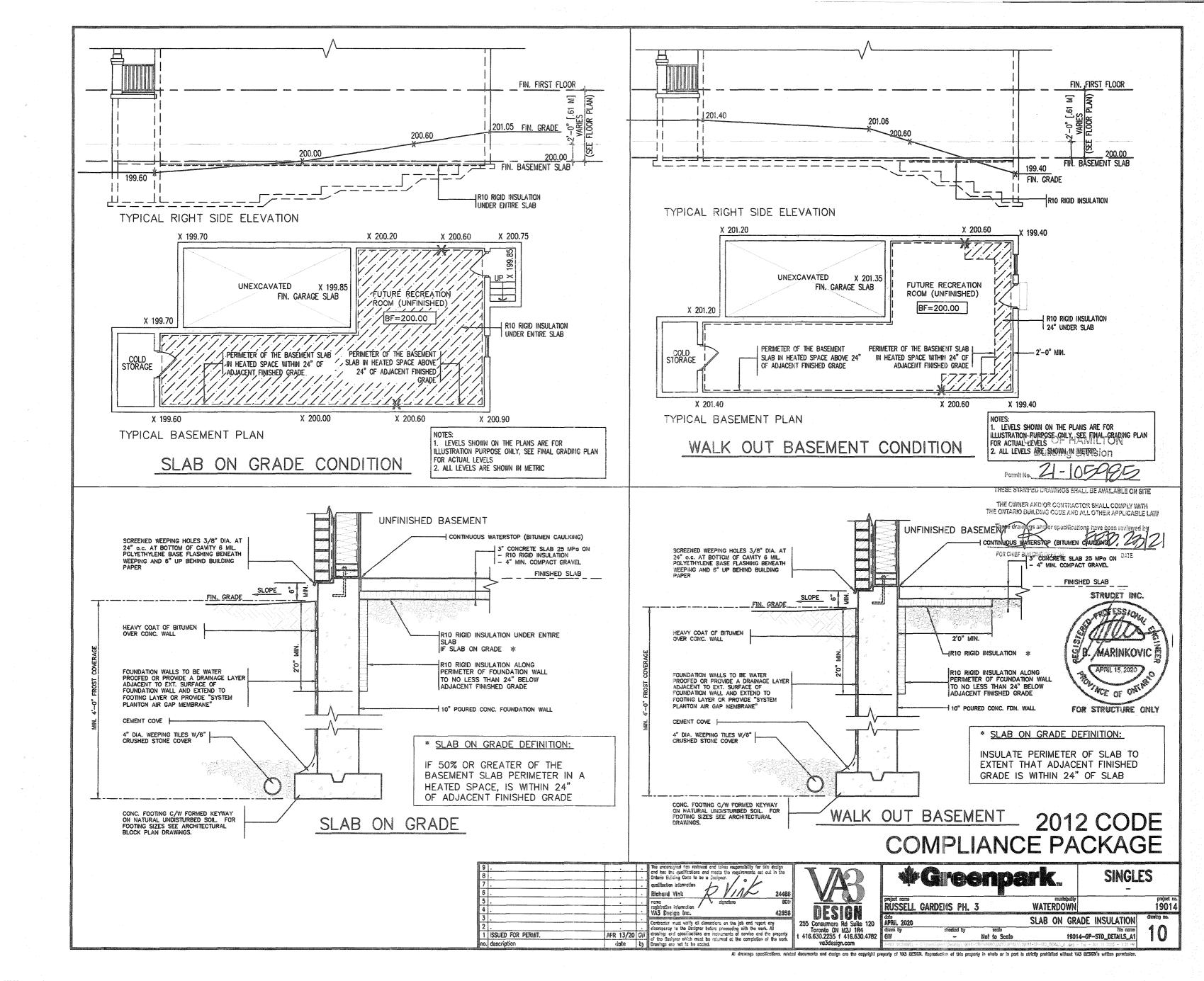
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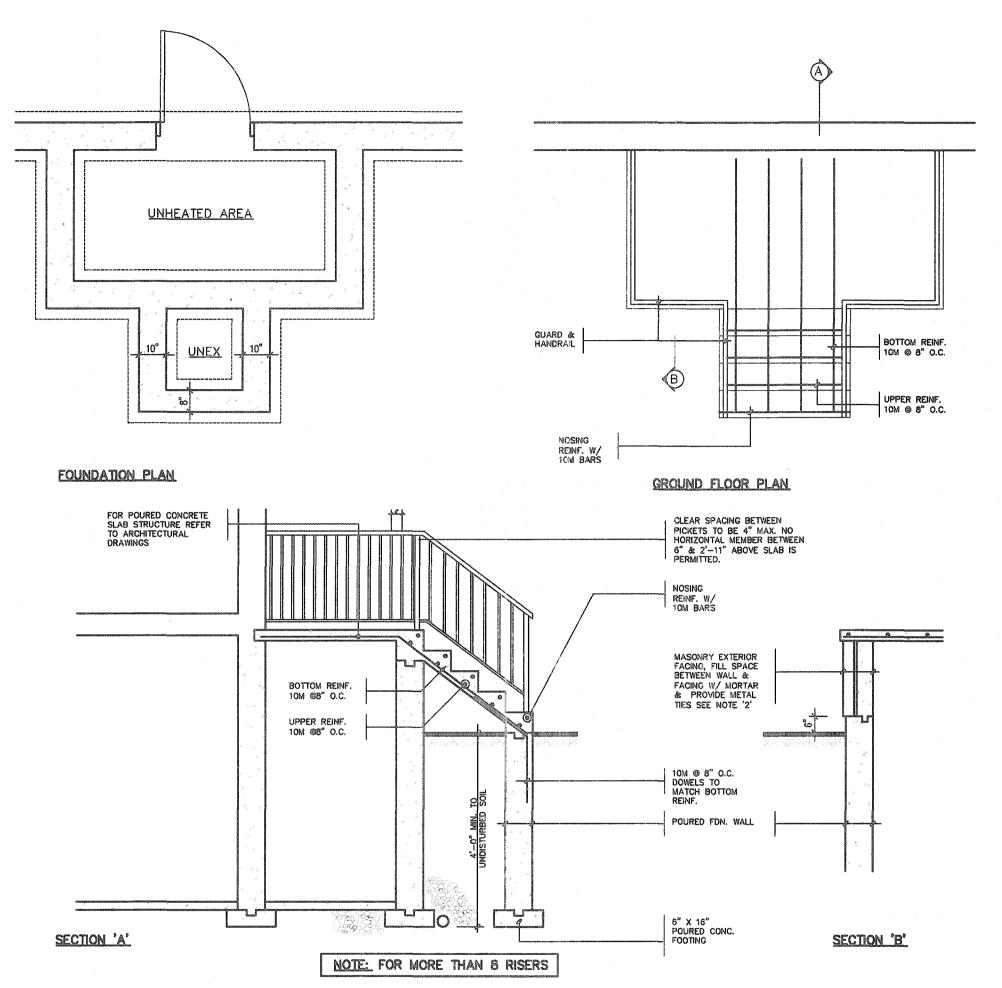
2012 CODE

FEB 2312

SINGLES

project ro. 19014





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".

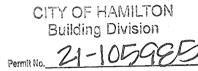
5. FOUNDATION WALLS

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%—6% AIR ENTRAINMENT MINIMUM CONCRETE SLAB THICKNESS 5"

7. CONCRETE COVER

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



THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

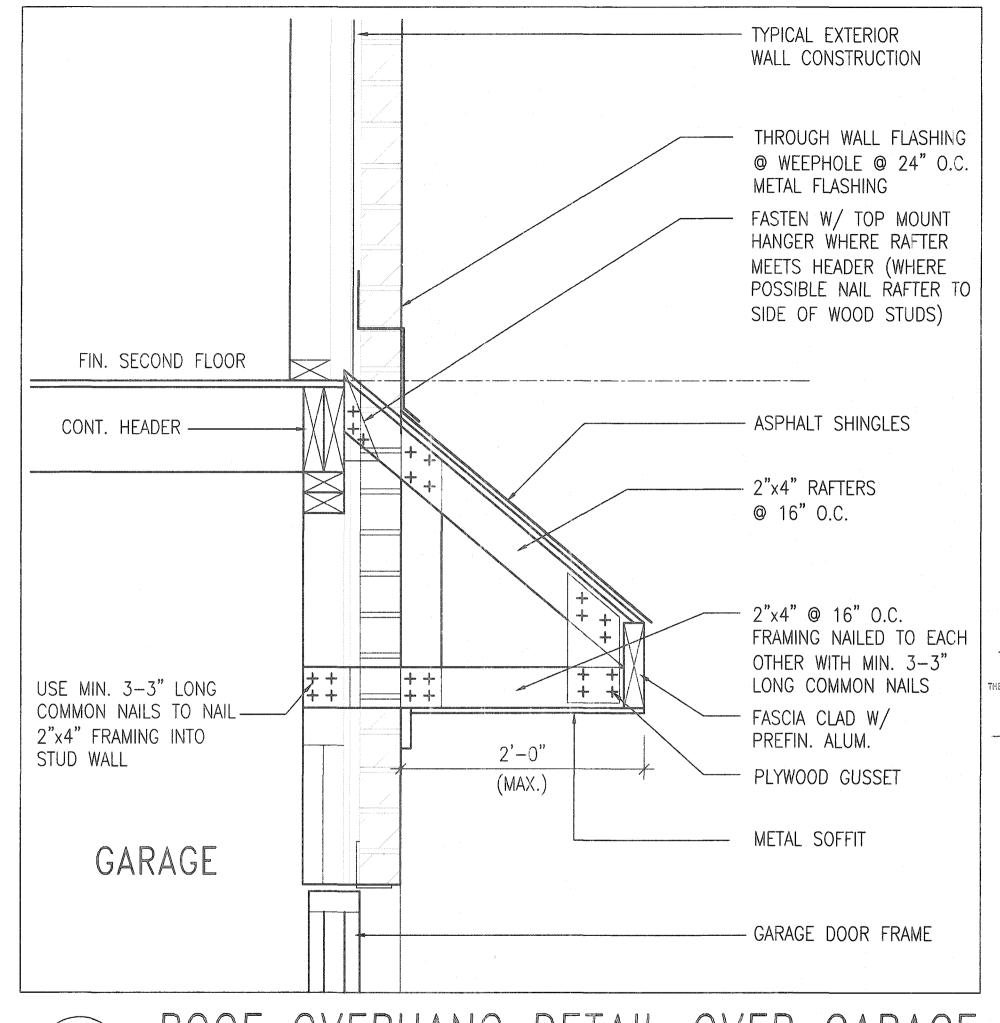
THE OWNER ANDIOR CONTRACTOR SHALL COMPLY WITH THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LAW





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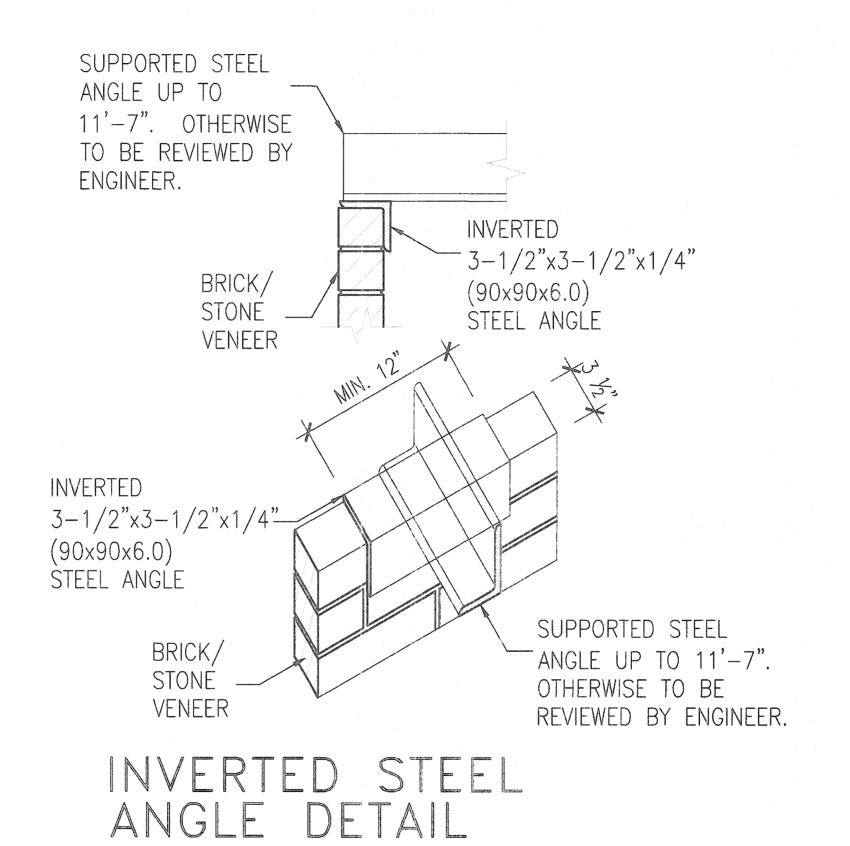
APRIL 15, 2020

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FOR CHIEF BUILDING OPPICIAL DATE

STRUDET INC.

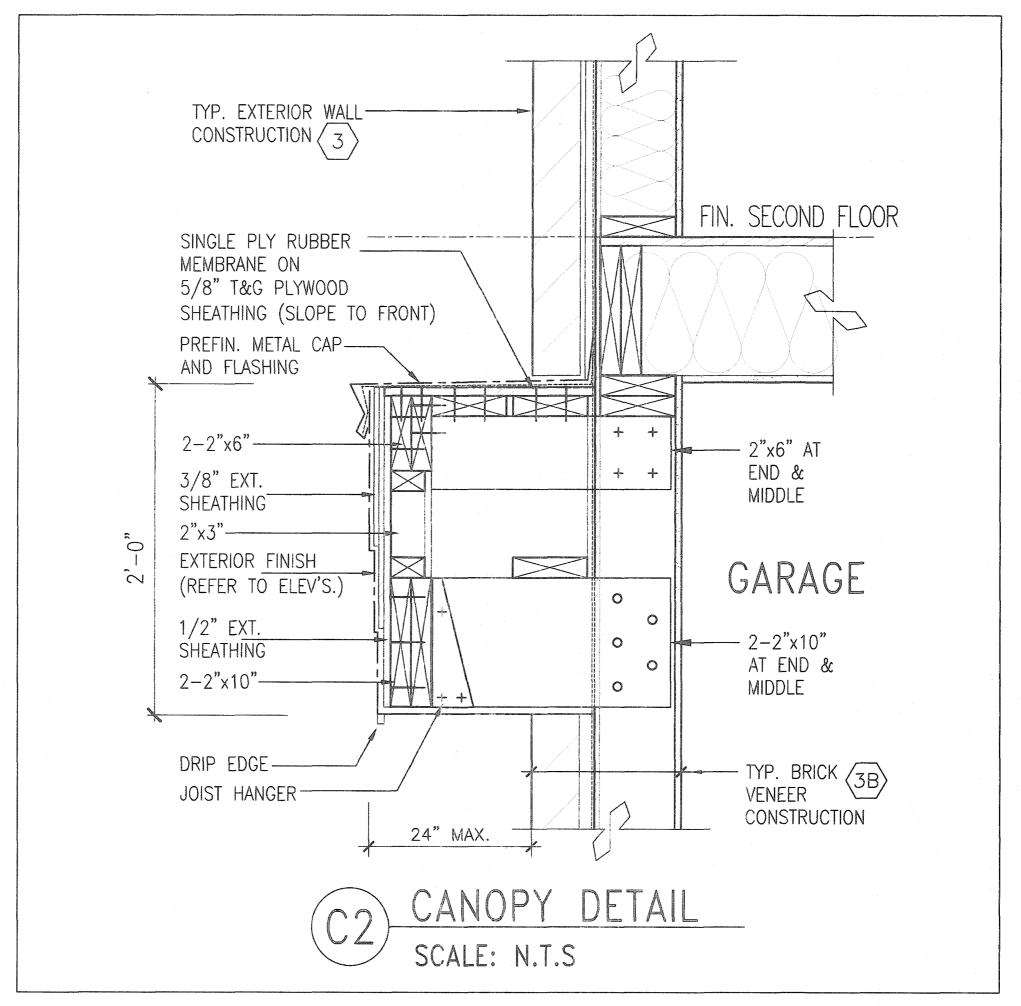
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