- 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") FROM EDGE OF ROOF AND MIN. 300mm (12") BEYOND INNER FACE OF FROM EDGE OF ROOF AND MIN. 300mm (12") BEYOND INNER FACE OF EXTERIOR WALL, (EAVES PROTECTION NOT REO'D FOR ROOF SLOPES SIDES SIDES GROENER) 38:49 (2"%4") TRUSS BRACING @ 1830mm (6"-0") O.C. AT BOTTOM CHORD. PREFIN. ALUM. EAVESTROUGH, FASCIA, RWL & VENTED SOFFIT. PROVIDE ICE & WATER SHEED TO ALL ROOF, WALL SURFACES SUSCEPTIBLE TO ICE DAMMING. ROOF SHEATHING TO BE FASTENED 150 (6") of ALONG EDGES & INTERMEDIATE SUPPORTS WHEN TRUSSES SPACED GREATER THAN 406 (16"). ATTIC VENTILATION 1:300 OF INSTRUMENTATION OF THE SUPPORT OF THE
- (OBC 9.19.1.2.). 2. FRAME WALL CONSTRUCTION (2°x6") (SB-12-TABLE 3.1.1.2.A)
  SIDING AS PER ELEV., 19x38 (1°x2") VERTICAL WOOD FURRING, CONTIN.
  SHEATHING MEMBRANE, 11mm (7/16") EXT. TYPE SHEATHING OR OBC
  COMPLIANT EQUIVALENT, 38x140 (2°x6") STUDS @ 400mm (16") O.C., RSI 3.87 (R22) INSULATION AND APPR. VAPOUR BARRIER AND APPR. CONTIN. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. SIDING TO BE MM. 200mm (8") ABOVE FINISH GRADE, REFER TO OSC SB-12, CHAPTER 3 FOR REGULATO MINIAUM THERMAL INSULATION REQUIREMENTS. FRAME WALL CONSTRUCTION (2"x4")— GARAGE WALLS
- SIDING AS PER ELEV., 19-38 (1°-2°) VERTICAL WOOD FURRING, CONTIN. SHEATHING MEMBRANE, 11mm (7/16°) EXT. TYPE SHEATHING OR OBC COMPULANT COURALENT, 38-89 (2°-4°) STUDS @ 405mm (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.
- 2C) STUCCO WALL CONSTRUCTION (2°x6") (SB-12-TABLE 3.1.1.2.A)
  STUCCO CLARBING SYSTEM CONTROLLING TO 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 POSITIVE DRAINAGE TO THE EXT. AND APPLIED PER MANUFACTURERS SPECIFICATIONS ON 25mm (1") MIN. EXTRUDED OR EXPANDED RIGH POLYSTYRENE ON APPR. AIR/MOISTURE BARRIER ON 38x140 (2°x6") FOLIST MERIE ON APPR. TARYMOSTORE BARGER ON SOCIETY (2.8) STUDS © 406 (16") O.C., FSI 3.87 (R22) BATT INSUL, APPR. 6 MIL. POLYETH/LENE WAPOUR BARRER, 13mm (1/2") GYPSUM BOARD INTERIOR FINISH. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE. REFER TO GEC 58-12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION DECOMPSIVED.
- STUCCO 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 AIR SPACE BEHIND THE CLADDING WITH
  POSITIVE DRAWAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS
  DESCRIPTIONS OFFER 3.55 (4") MINIMUM POPULATION OF PROPERTY AND APPLIED PER MANUFACTURERS 20) SPECIFICATIONS OVER 25mm (1") MIN. EXPANDED OR EXTRUDED RIGID POLYSTRENE ON APPROVED AIR/MOISTURE BARRIER ON 38x89 (2"x4") STUDS @ 408 (16") C.C. (MAX. HEIGHT 3000mm (9"-10")), WITH APPR. DIAGONAL WALL BRACKING, REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE GARAGE. STUCCO TO BE MIN. 200 (8") 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 58-12, CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS.
- BRICK VENEER CONSTRUCTION (2"x6") (SB-12-TABLE 3.1.1.2.A) 3. 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x7"x0.03") GALY. METAL TIES @ 406mm (16") O.C. HORIZONTAL 610mm (24") O.C. VERTICAL APPROVED SHEATHING PAPER, 11mm (7/16") EXTERIOR TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT. 35x140 (2"x6") STUDS @ 406mm (16") O.C., RSI 3.87 (R22)
  INSULATION AND APPROVED VAPOUR BARRIER WITH APPROVED CONTIN. INSULATION AND APPROVED VAPOUR BRANER WITH APPROVED COMIN.

  AIR BARRIER. 13mm (1/2") INT. DRYWALL FINSH. 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 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. HORIZONTÁL 610mm (24") O.C. VERTICAL. APPROVED SHEATHING PAPER, 11mm (7/16") EXTERIOR TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT. 38x89 (2"x4") STUDS @ 405mm (16") O.C. (MAX. HEIGHT 3000r (9'-10")) WITH APPROVED DIAGONAL WALL BRACING, REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE GARAGE. PROVIDE WEEP HOLES @ 800mm (32°) O.C. ROTTOM COURSE AND OVER OPENINGS, PROVIDE BASE
- STUDED WALL CONSTRUCTION (2°x6°) (SR-12-TABLE 3.1.1.2.A) STUCCO CLADDING SYSTEM CONFORMING TO 0.B.C. 9.27.1.1.(2) & 9.28

  THAT EMPLOYS A MINIMUM 10mm AR SPACE BEHIND THE CLADDING WITH
  POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS (3C) POSTIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURER SPECIFICATIONS OVER 25mm (1") MIN. EXTRUDED OR EXPANDED RIGID POLYSTYRENE ON APPR. CONTIN. AIR/MOISTURE SARRIER ON 38x140 (2"x6") STUDS @ 405mm (16") O.C., RSI 3.87 (R22) BATT INSUL, APPR. 6 MIL. POLYETHYLENE VAPOUR BARRIER, 13mm (1/2") CYPSUM WALBOARD INTERIOR FINISH. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE. REFER TO OBC SB—12, CHAPTER 3 FOR REQUIRED MINIMALIAN THERMAL MISSIN ATION PEOLIDEPHENTS.



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, TOIL 2 STURCES AND SUSTRIN (12.) U.C. FUR 3 STURCES, NON-BEARING PARTITIONS 38x89 (2°x4°) @ 610mm (24°) O.C. PROVIDE 38x89 (2°x4°) BOTTOM PLATE AND 2/33x69 (2/2°x4°) TOP PLATE 13mm (1/2°) INT. DRYWALL BOTH SIDES OF STUDS, PROVIDE 38x140 (2°x8°) STUDS/PLATES WHERE MOTED.
- 5) FOUNDATION WALL/FOOTINGS: (9.15.3, 9.15.4, 9.13.2, 9.14.2.1.(2)) 200mm (8") POURED CONC. FDTN. WALL 15MPa (2200ps) WHT BITUMENOUS DAMPPROOFING AND DRAINAGE LAYER. DRAINAGE LAYER REO'D. WHEN BASEMENT INSUL EXTENDS 900 (2"-11") BELOW FIM. GRADE. DRAINGE LAYER IS NOT REO'D. IF FOUNDATION WALL IS WATERPROOFED. MAXIMUM POUR HEIGHT 2390 (7"-10") ON 500x155 (20%) CONTINUOUS KEYED CONC. FTG. BRACE FOTM, 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 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 ORC. 9.31.6(1)(b). 8.16.4.5(1). 9.25.3.3(15) 80mm (3")MIN. 25MPo (3600psi) CONC. SLAB ON 100mm (4")
  COARSE GRANULAR FILL, OR 20MPo. (3000psi) CONC. WITH
  DAMPPROOFING BELOW SLAB. UNDER SLAB INSULATION PER S8-12; 3.1.1.7.(5)(6) where required.
  ALL SLAB JOINTS & PENETRATIONS TO BE SEALED TO MAINTAIN AIR
- 8. WOOD SUBFLOORS (SEE ORC 9.23.14 & 9.30.21) -19mm (3/4") MIN. T & G SUBFLOOR UNDER GROUND FLOOR FINISH FLOOR.

  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 31.1.2.4) (SB-12-3.1.1.8)
  RSI 10.56 (Ren) BLOWN IN BOOK MICHIGATION AND ACCOUNT. 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
- ALL STAIRS/EXTERIOR STAIRS -OBC 9.8.UNIFORM RISE -5mm (1/4") MAX BETWEEN ADJACENT TREADS
  OR LANDINGS
  OR LANDINGS -10mm (1/2") MAX BETWEEN TALLEST & SHORTEST RISE IN FLIGHT

= 860 (2'-10")

= 150 (6") = 200 (8")

PIANUTRALES — USBL. 9.85,7.—
FINISHED RAILING ON PICKETS SPACED MAXIMUM 100mm (4") BETWEEN PICKETS. CLEAPANCE BETWEEN HANDRAL AND SURFACE BEHIND IT TO BE 50 (2") MIN. HANDRALS TO BE CONTINUOUS EXCEPT FOR NEWEL POST AT CHANGES OF DIRECTION .

NTERIOR 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").

38x89 (2"x4") SILL PLATE WITH 13mm (1/2") DIA. ANCHOR BOLTS 12) 38x89 (2"x4") SIL PLATE WITH 13mm (1/2 ) DIA AVONON BOLLS 200mm (8") LONG, EMBEDDED MIN, 100mm (4") INTO CONC, © 2400mm (7"-10") O.C., CALUKINO OR 25 (1") MIN. MINERAL WOOL BETWEEN PLATE AND TOP OF FDTN. 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)

(8") ABOVE THE FINISHED FLOOR & NO CLOSER THAN 50mm (2") OF THE BASEMENT SLAR PSI 3.524 (2004) CLARA THAN 50mm (2") OF

THE BASEMENT SLAG, RSI 3.22CT (VZUET) BUNNET INSULATION TO PAR APPROVED VAPOUR BARRIER, RECOMMEND DAMPPROOF WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL NOTE: FULL HEIGHT INSULATION WALL WITH CAULGING. BARRIER TO BE SEALED TO FOUNDATION WALL WITH CAULGING.

CONTINUOUS INSULATION (ci) IS NOT TO BE INTERRUPTED BY FRAMING.

BASEMENT BEARING STUD PARTITION

BASEMENT BEAKING SILD PAKTHEON

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") HIGH
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.

89mm(3-1/2") DIA × 4.78mm(0.188") STL. COL. WITH A MIN. CAPACITY OF 108.6kN (24,000/bs.) WITH 150x150x9.5

2-12mm dg. x Johann Long Xouthin House Archors
(2-1/2"x12"x2"). The collumn to Stud Wall With 2-32x3.175
(1 1/4"x 1/8") STEEL STRAP WELDED TO COLLUMN AND FASTENEE
TO STUD WITH 2-SDS 6.35x38 (1/4"x1 1/2") SCREWS MANUF.
BY SIMPSON STRONG TIE.

15) STEFL BASEMENT COLUMN (SEE O.B.C. 9.15.3.3)

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

(6"x6"x3/8") STL TOP & BOTTOM PLATE.

BASEMENT SLAB. RSI 3.52ci (R20ci) BLANKET INSULATION TO HAVE ROVED VAPOUR BARRIER, RECOMMEND DAMPPROOF WITH BUILDING

HASE PROPERTY INVESTIGATION WALLS ENCLOSING HEATED SPACE SHALL BE INSULATED FROM THE UNDERSIDE OF THE SUBFLOOR TO NOT MORE THAN 200mm

MAX. RISE

RAIL @ LANDING

MIN. STAIR WIDTH

MIN. RUN MIN. AVG. RUN

FOR CURVED STAIRS

IANDRAILS -CBC. 9.8.7.

SILL PLATE ANCHORAGE

INTERIOR GUARDS -OBC. 9.8.8.-

RAIL @ STAIR

- = 200 (7-7/8")CLASS 'B' VENT ULC. 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. MIN. RUN MIN. TREAD MAX. NOSING = 210 (8-1/4") = 235 (9-1/4") = 25 (1) = 1950 (6'-5") = 900 (2'-11") = 865 (2'-10") to 965 (3'-2") MIN. HEADROOM
  - 29. BASEMENT WOOD POST (CBC 9.17.4)
    3-38x140 (3-2\*x6") BURI-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.

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

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

17) 19x38 (1°x2") CONTINUOUS WOOD STRAPPING BUTH SIDES OF STEEL BEAM. (08C. 9.23.4.3.(3c))

(20) DOOR AND FRAME GASPROOFED. DOOR EQUIPPED WITH SELF CLOSING DEVICE AND WEATHERSTRIPPING PER OBC 9.10.13.15.

(USE 100mm (4") DIA SMOOTH WALL VENT PIPE).

23) ANSULATED ATTIC ACCESS (ORC-9.19.2.1 & SB12-3.1.1.8)
ATTIC ACCESS HATCH WITH MIN. DIMENSION OF 945x700mm

ATTC ACCES PAICH WITH MIN. DIMENSION OF SHOXYOUTHIN (21-1/2"x27-1/2") & MIN. AREA OF 0.32 SQ.M. (3.44 SQ.F.) WITH WEATHERSTRIPPING. RSI 3.52 (R20) RIGID INSULATION BACKING. SEE OBC SB-12, 3.1.1.8.

24) FIREPLACE CHIMNEYS — C.SC. 9.21.—
TOP OF FIREPLACE CHIMNEY SMALL BE 915mm (3'-0") ABOVE THE HIGHEST POINT AT WHICH IT COMES IN CONTACT WITH THE

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

MECHANICAL EXHAUST

ROOF AND 610mm (2'-0") ABOVE THE ROOF SURFACE WITHIN A

HORIZ. DISTANCE OF 3050mm (10'-0") FROM THE CHIMNEY.

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

STEEL BEARING PLATE FOR MASONRY WALLS
280x280x18 (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, ANCHOPED WITH 2-19n

(3/4") x 200mm (8") long galv. Anchors within solid block Course. Level with non-shrink grout.

DRYER VENT (OBC-6.2.3.8.(7). & 6.2.4.1.1)
CAPPED DRYER EXHAUST VENTED TO EXTERIOR.

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

GARGAGE SLASS
100mm (4") 32MPd (4640ps) CONC. SLAB WITH 5-8% AIR
ENTRAINMENT ON OPTIONAL 100 (4") COARSE GRANULAR FILL WITH
COMPACTED SUB-BASE OR COMPACTED NATIVE FILL
SLOPE TO FRONT (EXTERIOR) AT 1% MIN.

INTERIOR GARAGE WALLS & CELUNGS (SR-12-TARLE 3.1.1.2.A)

13mm (1/2") GYPSUM BOARD ON WALL AND CELLING BEWEEN

HOUSE AND GARAGE RSI 3.87 (R22) IN WALLS, RSI 5.46 (R31)

IN CELUNG. TAPE AND SEAL ALL JOINTS ARTIGHT PER O.B.C.

9.10.9.16. REFER TO SB-12, TABLE 3.1.1.2.A. FOR

REQUIRED THERMAL INSULATION.

GARAGE SLAB

(18.)

(19.)

- 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 688-WZ.BWIZ.9 MESH
  PLACED NEAR MID-DEPTH OF SLAB. CONC. STRENCTH 2.9 MESH
  (4840 ps) WITH 5-8% AIR ENTRAINMENT ON COMPACTED
  SUB-GRADE. UNDER SLAB INSULATION AS PER CIBC. SB-12 SUB-GRADE. UNUER SEAS INSULATION AS THE SIGN SET ...
  3.1.1.7.(5)(6) AND SB-12, TABLE 3.1.1.2.A. where required.
  ALL JOINTS & PENETRATIONS OF INTERIOR SLAES 10 BE SEALED

LOOSE STEEL LANTELS	
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)	PAO FOOTINGS
L6 =7" x 4" x 3/8"L (180x100x10.0L)	120 KPa, NATIME SOIL SO KPO, ENGINEERED FUL SOIL
LAMMED VENEER LIMBER (LVL) BEAUS	F1 = 42"x42"x18" CONCRETE PAD F1 = 48°x48"x20" CONCRETE PAD
PARTICION ACTUSTAL PARTICIA (CAPA DELIA-2	FZ = 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 $3/4^{\circ}x7$ $1/4^{\circ}$ $(4-45x184)$	(RETER TO FLOOR PLAN FOR UNUSUAL SIZE PADS 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)	Particular and the second seco
LVL5 =3-1 3/4°x9 1/4° (3-45x235)	NOS. WIDTH HEIGHT HEIGHT TYPE
1V(5A4-1 3/4°vQ 1/4° (4-45v236)	Seituic Ceruic

=1-1 3/4'x11 7/8" (1-45x3:02) =2-1 3/4'x11 7/8" (2-45x3:02) =3-1 3/4'x11 7/8" (3-45x3:02) =4-1 3/4'x11 7/8" (4-45x3:02) =2-1 3/4'x14" (2-45x3:05) =3-1 3/4'x14" (3-45x3:05)

WL1 =3-1/2" x 3-1/2" x 1/4"L (89x89x6.4L)
WL2 =4" x 3-1/2" x 5/16"L (102x89x7.9L)
WL3 =5" x 3-1/2" x 5/16"L (127x89x7.9L)
WL4 =6" x 3-1/2" x 7/16"L (152x89x11.0L)
WL5 =6" x 4" x 7/16"L (152x102x11.0L)

WLG =5" x 3-1/2" x 5/16"L (127x89x7.9L)
WL7 =5" x 3-1/2" x 5/16"L (127x89x7.9L)
WL8 =5" x 3-1/2" x 5/16"L (127x89x7.9L)
WL8 =6" x 4" x 7/16"L (152x102x11.0L)

LVL9 =3-1 3/4"x14"

3 SB NOTE FURTHER DEFINED.

2 | RE-ISSUED 1 ISSUED FOR PERMIT

BRICK VEHEER LINTELS

DIRECT VENTING GAS FURNACE VENT
DIRECT VENT FURNACE TERMINAL MIN. SOOmm (36") FROM A GAS
REGULATOR. MIN. 300mm (12") ASOVE FIN. GRADE, FROM ALL OPENINGS,
EXHAUST AND INTAKE VENTS. HRY INTAKE TO BE A MIN. OF 1830mm
(6"-0") FROM ALL EXHAUST TERMINALS. REFER TO GAS UTILIZATION
CODE. ALL AIR INTAKES SHALL BE LOCATED SO THAT THEY ARE
SEPARATED FROM MICHEN EXHAUST BY 3.0M IN COMPLIANCE WITH O.B.C.
DN. B. TOBLE 6.2 3.12

DOW \_R TARIF 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

JOIST STRAPPING AND BRIDGING (SEE ORC. 9.23.9.4) 18mm (5/8") T & G SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERAMIC THE APPLICATION (\* SEE OBC 9.30.6. \*) 6mm (1/4") PANEL TYPE UNDEFLAY UNDER RESILIENT & PARQUET FLOORING. (\* SEE OBC FLOOR JOISTS WITH SPANS OVER 2100mm (6'-11") TO BE BRIDGED

WITH JBASS (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

EXPOSED BUILDING FACE -ORC. 9.10.15.

EXTERIOR WALLS TO HAVE A FIRE RESISTANCE RATING OF NOT LESS TH.

45 min. Where Uniting Distance (LD) is less than 1.2m (3'-11').

WHERE THE LD IS LESS THAN 600mm (1'-11') THE EXPOSING FACE
SHALL BE CLAD IN NON-COMBUSTIBLE MATERIAL. SEE ELEVATIONS FOR ADDITIONAL NOTES.

COLD CELLAR PORCH SLAB (OBC 9.39.)

(36) FOR MAX. 2500 mm (8'-2") PORCH DEPTH (SHORTEST DIM.), 125mm (4') 78") 32WPG (4840ps) CONC. SLAB WITH 5-0% AIR ENTRAINMENT. REINF. WITH 10M BARS © 200mm (7 7/8") O.C. EACH WAY IN BOTTOM THIRD OF SLAB, 600x60C (23 5/8"x 23 5/8") 10M DOWELS © 600mm (23 5/8") O.C., ANCHORED IN PERMITTER FOTH. WALLS. SLOPE SLAB MIN. 1.0% FROM DOOR, SLAB TO HAVE MIN 75mm (3") BEARING ON FDTN.
WALLS, PROVIDE (L1) LINTELS OVER CELLAR DOOR AND WITH 100mm (4") END BEARING.

BRICK CHECK

THE FOTH. WALL SHALL NOT BE REDUCED TO LESS THAN 90mm (3-1/2") THICK TO A MAX. DEPTH OF GGORRY (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 SOUD WITH MORTAR.

GONVENTIONAL, ROOF FRAMING (2.0Kpg., SNOW LOAD)

38-38x140 (2\*x6\*) RAFTERS © 406mm (16\*0.C.) FOR MAX 11'-7" SPAN,
38x140 (2\*x6\*) RIDGE BOARD, 38x39 (2\*x4\*) COLLAR TIES AT MIDSPANS,
CELLING JOISTS TO BE 38x89 (2\*x4\*) © 406mm (16\*) O.C. FOR MAX,
2830mm (9'-3") SPAN & 38x140 (2\*x6\*) © 406 (16\*) O.C. FOR MAX,
4450mm (14'-7") SPAN,
RAFTERS FOR BULLT-UP ROOF TO BE 38x89 (2\*x4\*) © 610mm (24\*)
O.C. WITH A 38x89 (2\*x4\*) CENTRE POST TO THE TRUSS BELOW,
INTERRALLY RESPECT © 1800mm (6'-0") O.C. FERTICALLY

LATERALLY BRACED @ 1800mm (6'-0") O.C. VERTICALLY. TWD STOREY VOLUME SPACES

-FOR A MANKHUM 5490 mm (18'-0") HEIGHT AND MAKHUM SUPPORTED ROOF TRUSS LENGTH OF 6.0m, PROVIDE 2-38x140 (2-2'x6") SPR 2 CONTH. 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 SOLD WOOD BLOCKING BETWEEN WOOD STUDS @ 12/20 mm (4'-0") O.C. VERTICALLY \_FOR WALLS WITH HORY DISTANCES 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 CONTINUOUS 2-38x140 (2-2"x6")TOP PLATES 1-38x146 (1--2"x6") BOTTOM PLATE & MINIMUM OF 3-38x184 (3-2"x8") CONT. HEADER AT GRND. CEILING LEVEL TOE-NAILED & GLUED AT TOP,

EXPOSED 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 SOFFIT.

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

BOTTOM PLATES AND HEADERS.

2-2°x8" SPR. No.2 2-2°x8" SPR. No.2

2--2"x12" 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 3-2\*x10\* SPR. No.2

DEC 03/20 GW

politication information

Richard Vink

EXTERIOR WALLS FOR WALK-OUT CONDITIONS
THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6")
STUDS @ 402mm (16") o.c. OR 38x89 (2"x4") STUDS @

INSULATED ENTRANCE DOOR INSULATED FRONT DOORS WOOD & CLASS DOOR EXTERIOR SLAB DOOR INTERIOR SLAB DOOR

=2-2"x8" (2-38x184) SPR. No.2 =3-2"x8" (3-38x184) SPR. No.2

=2-2"x10" (2-38x235) SPR. No.2 =3-2"x10" (3-38x235) SPR. No.2 =2-2"x12" (2-38x286) SPR. No.2

VINK

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WB6 =3-2\*x12" (2-38x286) SPR. No.2 WB7 =5-2\*x12" (3-38x286) SPR. No.2 WB11 =4-2\*x10" (4-38x235) SPR. No.2 WB12 =4-2\*x12" (4-38x286) SPR. No.2

WOOD LINTELS AND BEAMS

MANDOWS

0.53172 UNDESTRUCTED COLORD OF OFFINE WARD THE WARD OF THE WINDOW GUARDS —03C. 9.8.8.1.(6)

A GUARD IS REQUIRED WHERE THE TOP OF THE WINDOW SEL IS LOCATED LESS THAN 450mm (1'-7') ABOVE FIN. FLOOR AND THE DISTANCE FROM THE FIN. FLOOR TO THE ADMACENT GRADE IS GREATER THAN 1500mm

THE FIR. FLOOR TO THE ADMICENT GRADE IS GREATER HANN TRUMPING (5'-11")

WINDOW WELLS — OBC. 9.14.6.3.
ALL WINDOW WELLS TO DRAIN TO FOOTING LEVEL PER OBC 9.14.6.3.
CHECK WITH THE LICEL AUTHORITY.

EXCERCIOR WINDOWS
ALL EXTERIOR WINDOWS TO COMPLY WITH REQUIREMENTS STATED IN 0.8.C.-01V. B-9.7.1.7. & SB12-3.1.1.9.

DOORS:

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

O.B.C. SH-12-3.1.1.9.

O.B.C. SH-12-3.1.1.9.

O.B.C. SB-12-3.1.1.9.

O.B.C. SB-12-3.1.1.9.

O.B.C. SB-12-3.1.1.9.

GENERAL:

) MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.3 AIR CHANGES PER HOUR AVERAGED OVER 24 HOURS. SEE MECHANICAL DRAWINGS.

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

STUD WALL BEINFORCEMENT FOR FUTURE GRAB BARS IN MAIN BATHROOM REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATE closets and shower or bathtub in Main Bathroom. Refer to ob 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)

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

OUTDOOR AR INTAKE
AL OUTDOOR AR INTAKES SHALL BE LOCATED SO THAT THEY ARE
SEPARATED FROM SOURCES OF CONTAMINATION (EXHAUST VENTS) IN
COMPLIANCE WITH O.B.C. DIV.-9 6.2.3.12. AND TABLE 8.2.3.12.

I IIMBER

) 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 LAWINATED VENUER LUMBER (L.V.L.) BEAMS, GRODER TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED & CERTIFED BY ROOF TRUSS MANUF.

LVI. BEAMS SHALL BE 2.0E-2950FD MIN. NAL EACH PLY OF LAL WITH

Symm (3 1/2") Long Common wire Nails © 300mm (12') O.C.
STAGGERED IN 2 ROWS FOR 184,240 & 300mm (7 1/4",9 1/2",
7/6") DEPTHS AND STAGGERED IN 3 ROWS FOR GREATER DEPTHS .4 PLY MEMBERS ADD 13mm (1/2") DIA CALV. BOLTS 30LTED 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 "O BEAM CONNECTIONS UNLESS NOTED OTHERWISE.

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

WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATIVE, IN CONTACT
WITH CONCRETE, SHALL SE SEPARATED FROM THE CONCRETE BY AT LEAST
2 mil POLYETYLENE FILM, NO. 50 (481ba.) ROLL ROCFING OR OTHER
DAMPPROOFING MATERIAL, EXCEPT 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.

ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSTING DRAINAGE 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 COMF	PLIANCE	PACKAGE (A1):
COMPONENT	A1	Notes:
Celling with Attic 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
Windows & Sliding glass Doors Maximum U-value	1.6U (0.28)	
Skylights Maximum U-value	2.8U (0.49)	
Space Heating Equipment Minimum AFUE	0070 101111	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 r	Maximum 2 Required. number of showers installed. 3.1.1.12 for information

ci- Denotes Continuous Insulation without framing interruption.

LEGEND

CLASS 'B' VENT

WEATHERPROOF DUPLEX OUTLET

De LIGHT FIXTURE (PULL CHAIN)

SWITCH

® & FLOOR DRAIN

POT LIGHT

(9)

**⊕**%~

S EXHAUST FAN TO EXTERIOR OUPLEX OUTLET (HEIGHT A.F.F)

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

HEAVY DUTY OUTLET (220 voit) ф LIGHT FIXTURE (CEILING MOUNTED)

LIGHT FIXTURE (WALL MOUNTED) φ. HOSE BIB (NON-FREEZE)

SA. COMBINED SMOKE ALARM AND COD. CARBON MONOXIDE DETECTOR/ALARM

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

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

I FLAT ARCH TCA I CURVED ARCH

M.C. MEDICINE CABINET

CONC. BLOCK WALL

SPECIAL WALL CONSTRUCTION
SEE NOTE ON PLANS SOUD WOOD SEARING (SPRUCE No. 2).
SOUD SEARING IS TO SE AS WIDE AS SUPPORTED MEMBER OR

AS DIRECTED BY STRUCTURAL ENGINEER.
SOLID BEARING TO BE MINIMAM 2 PIECES.
THE NUMBER SHOWN AFER "SB" REPRESENTS THE NUMBER OF
PIES REQUIRED. EMMPLE SB3 = 3 PLY SOLID BEARING. SOLID WOOD SEARING TO MATCH FROM ABOVE

NOTE: SOLID BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTED M C SMOKE ALARM (REFER TO ORC 9.10.19)

PROVIDE I PER FLOOR, NEAR THE STATES CONNECTING THE FLOOR LEVEL AND ALSO I IN EACH BEDROOM NEAR HALL BOOR, ALARMS TO BE CONNECTED TO AM ELECTRICAL CROUP AND BITHERCONNECTED TO ACTIVATE ALL ALARMS IF I SOUNDS, BATTERY BLOCK-UP REQUIRED. SMOKE ALARMS TO INCORPORATE VISUAL SIGNALLING COMPONENT.

- CARBON MONOXIDE ALARM (OBC 9.33.4.) WHERE A FUEL-BURNING APPLIANCE IS INSTALLED IN A DWELLING UNIT, WHERE A POLE-BURNING APPLICACE IS INSTALLED IN A DWILLIAM SIMI, A CARBON MONORIDE DETECTOR CONFORMING TO CAN, PCA-6.19,CSA 6.19 OR UL2034 SHALL BE INSTALLED ADMACENT TO EACH SLEEPING AREA. CARBON MONORIDE DETECTOR(S) SHALL BE PERLAMENTLY WIRED SO THAT ITS ACTIVATION WILL ACTIVATE ALL CARBON MONORIDE DETECTORS AND BE EQUIPPED WITH AN ALARM THAT IS AUDIBLE WITHIN BEDROOMS WHEN THE INTERVENING DOORS ARE CLOSED.

SOIL GAS CONTROL (ORC 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 SB12-3.1.1.1.2. A DRAIN WATER HEAT RECOVERY (DWHR)
UNIT SHALL BE INSTALLED IN EACH DWELLING UNIT TO RECEIVE
DRAIN WATER FROM ALL SHOWERS OR FROM AT LEAST TWO
SHOWERS WHERE THERE ARE TWO OR MORE SHOWERS IN THE
DWELLING UNIT. DOES NOT APPLY IF THERE ARE NO SHOWERS ( NO STOREY BENEATH ANY OF THE SHOWERS.

Planning & Daveldomen: Gapart FEB 0 9 2021

REC'D BY ----

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** 

DESIGN va3design.com

r Greenpark. **RUSSELL GARDENS PH.3** 

WATERDOWN

19014

**SINGLES** 

TYPICAL CONSTRUCTION NOTES

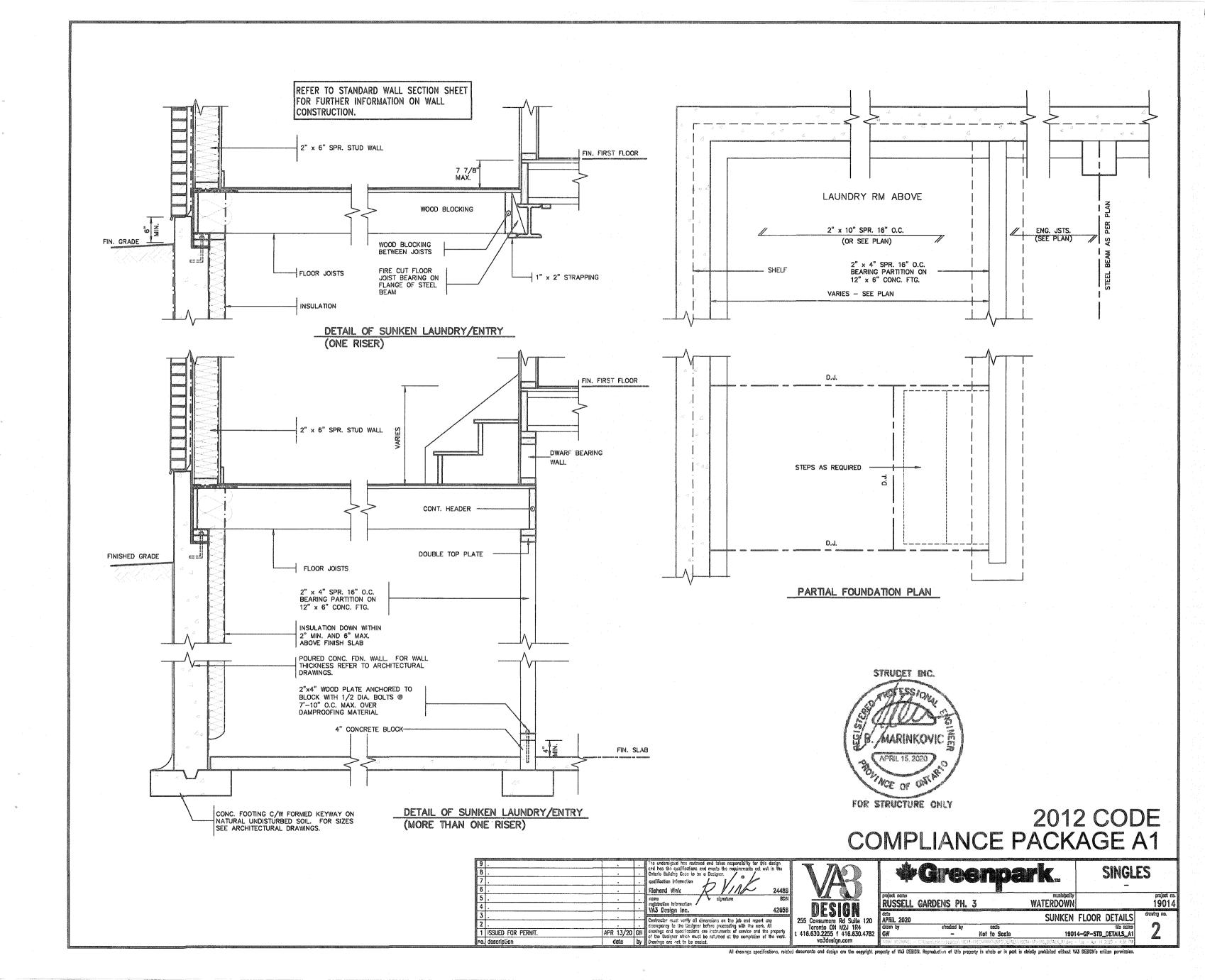
GW 3/16" = 1'-0" GP-14X18-NOTES-2020-VA3-PKG-A1-19014 CRES - H-VARDINAE/WERRONG/2019/19014-SEK/CONSTR\_NOTES & DETAILS/SINGLES/CP-14x18-NOTES-2000-W3-PAC-41-19014-day - Thu - Dec 3 2020 - 2:16

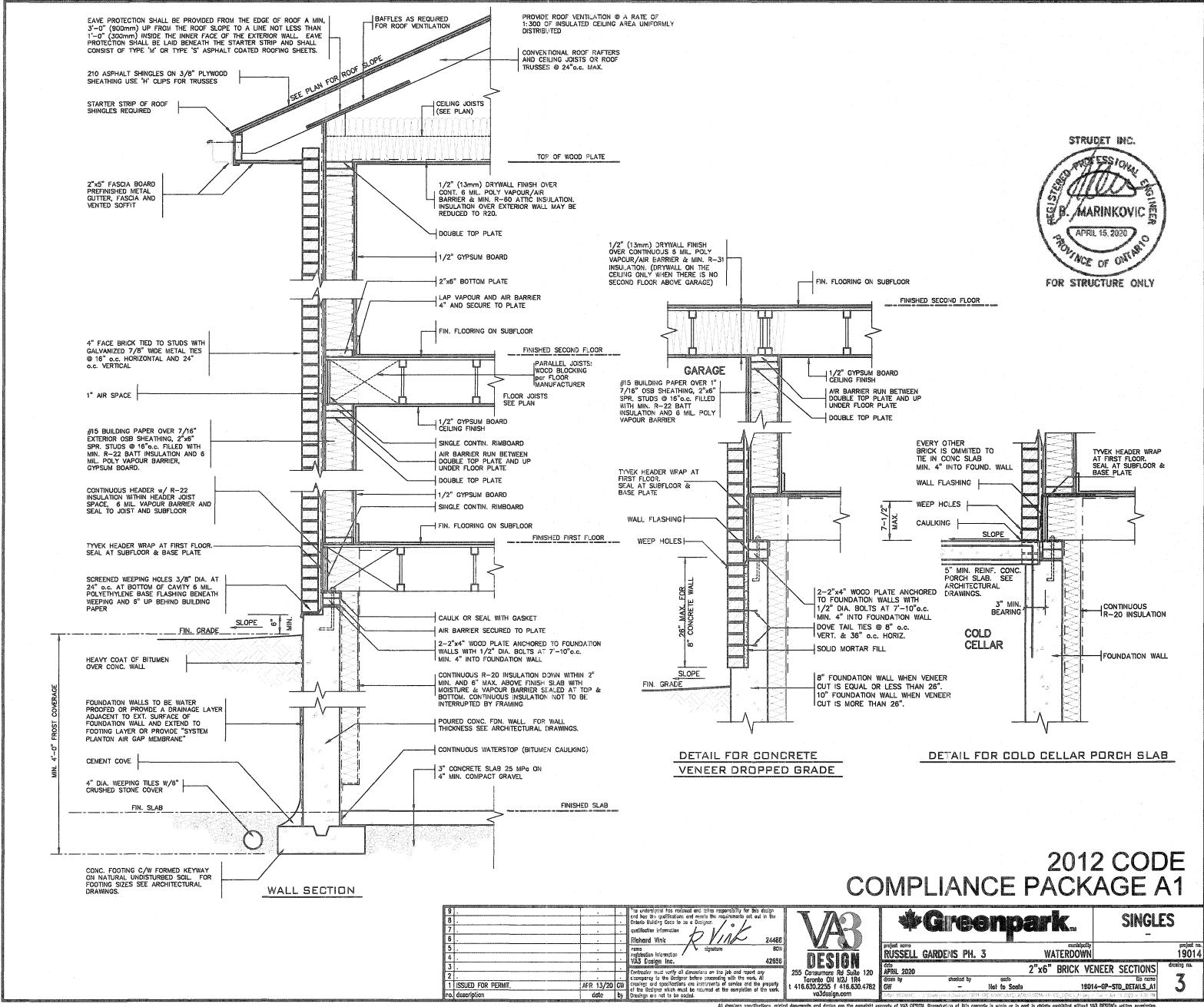
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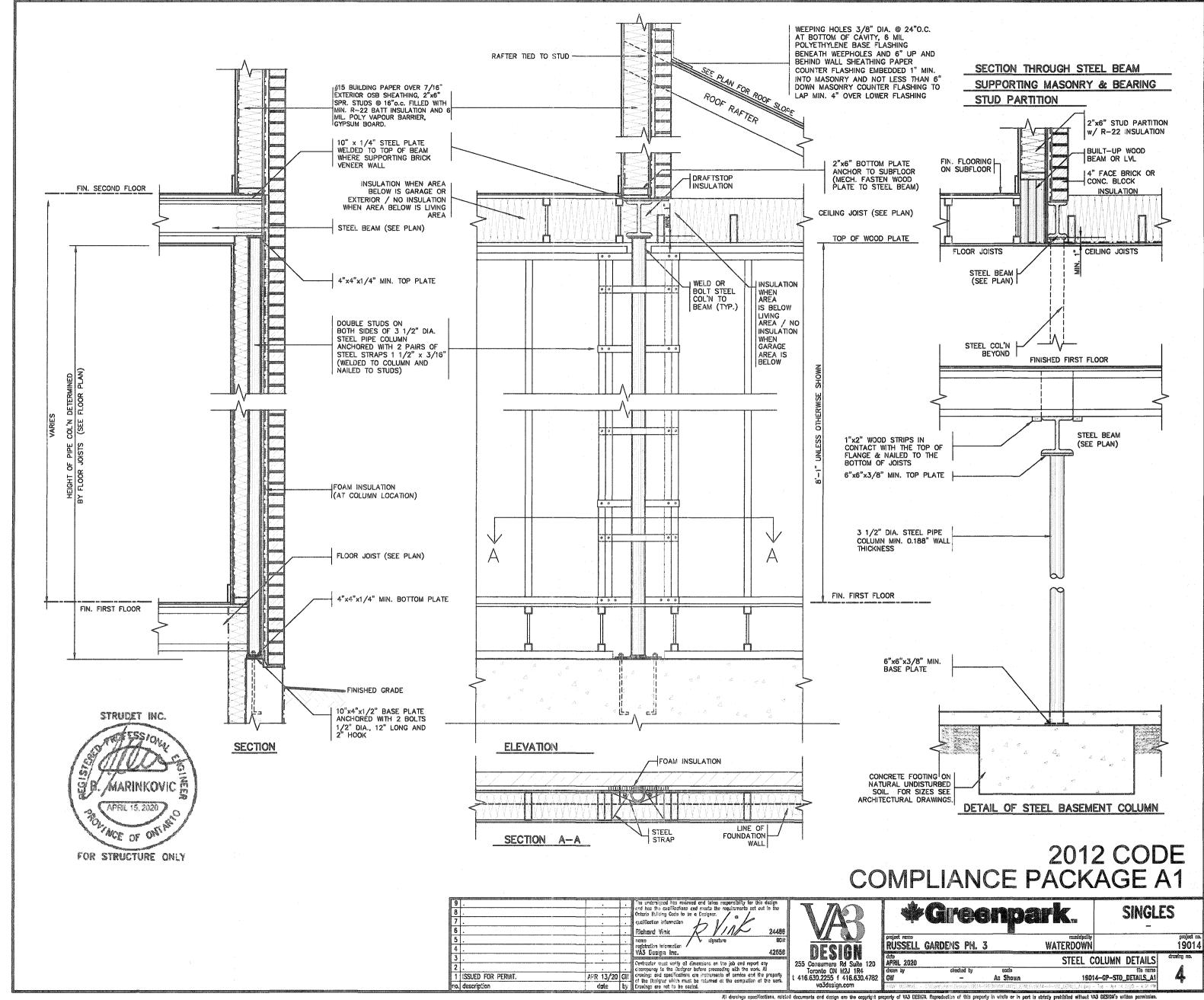
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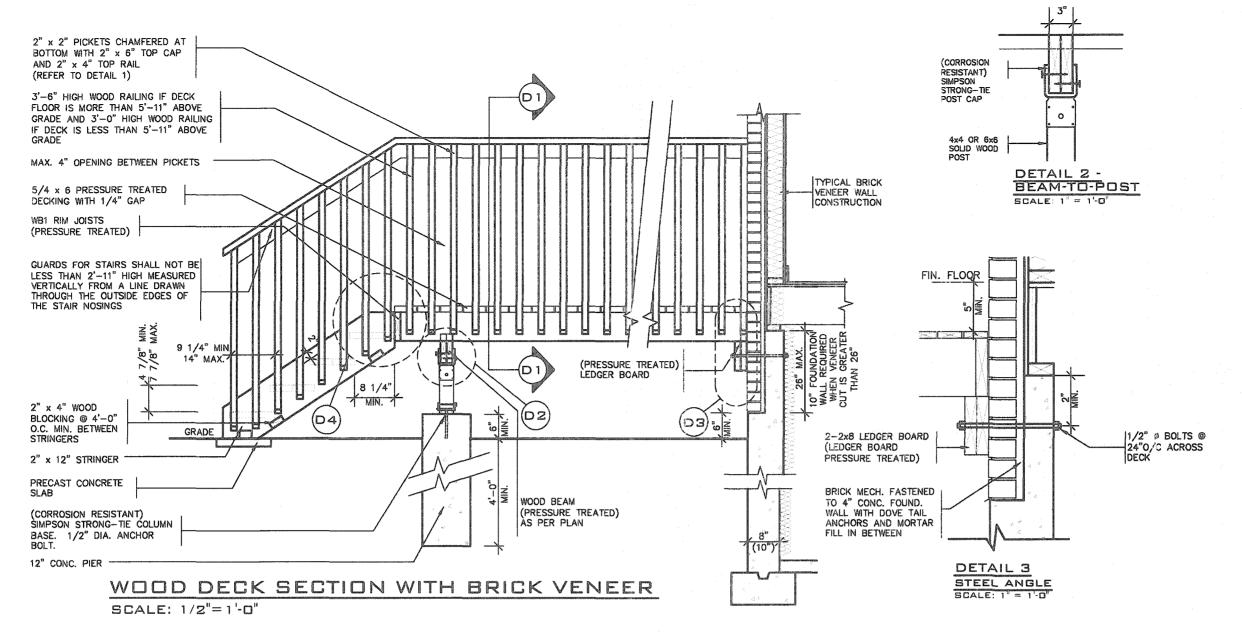
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December 13/20 GW by December 14/20 GW by December 14 All drawings specifications, rotated documents and design are the capyright property of VA3 DESIGN. Reproduction of this property in whole or in part is strictly prohibited without VA3 DESIGN's written p



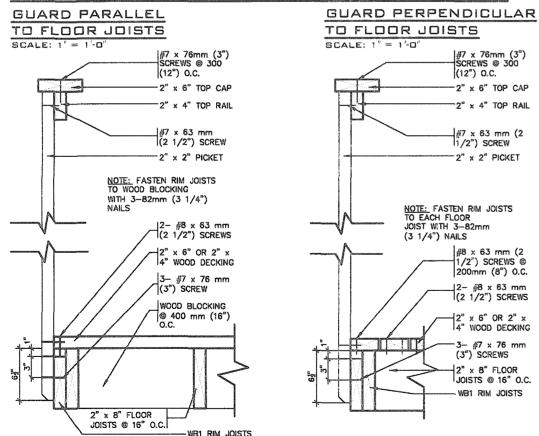


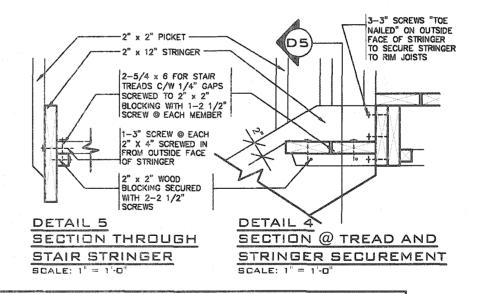




#### DETAIL 1







# STRUCET INC. MARINKOVIC 質 APRIL 15, 2020 NOE OF ONLY FOR STRUCTURE ONLY

### GENERAL NOTES

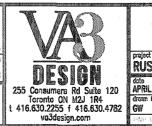
- BRICK TO HAVE COMPRESSIVE STRENGTH OG 15mPa (2200 p.s.i) MIN.UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS.
- MORTAR TO BE TYPE 'S' WITH JOINT THICKNESS OF 10mm (3/8") MIN. AND 20mm (3/4") MAX.
- THE DECK HAS BEEN DESIGNED TO SAFELY SUPPORT A SUPERIMPOSED LOAD OF 1.9kPa. [40psf].

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

- 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)

2012 CODE **COMPLIANCE PACKAGE A1** 

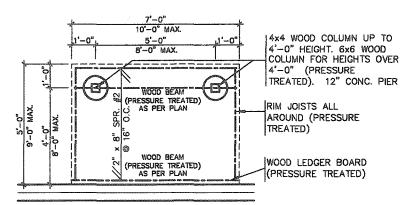
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8			Į.	and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.	∥ \
7	-		·	qualification information	i i
6				Richard Vink 24488	
5				nome Signature BCIN	
4				VA3 Design Inc. 42658	
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2				Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All	255 (
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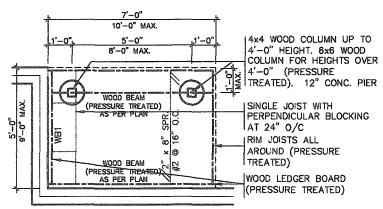
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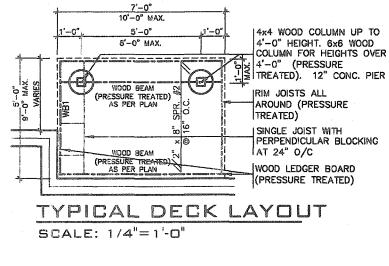
### TYPICAL DECK LAYOUT

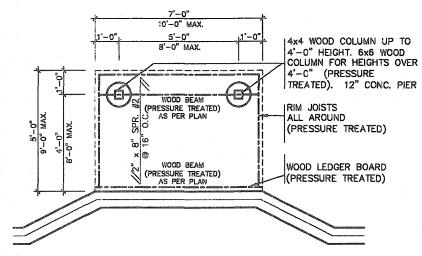
SCALE: 1/4"=1'-0"



TYPICAL DECK LAYOUT

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





TYPICAL DECK LAYOUT

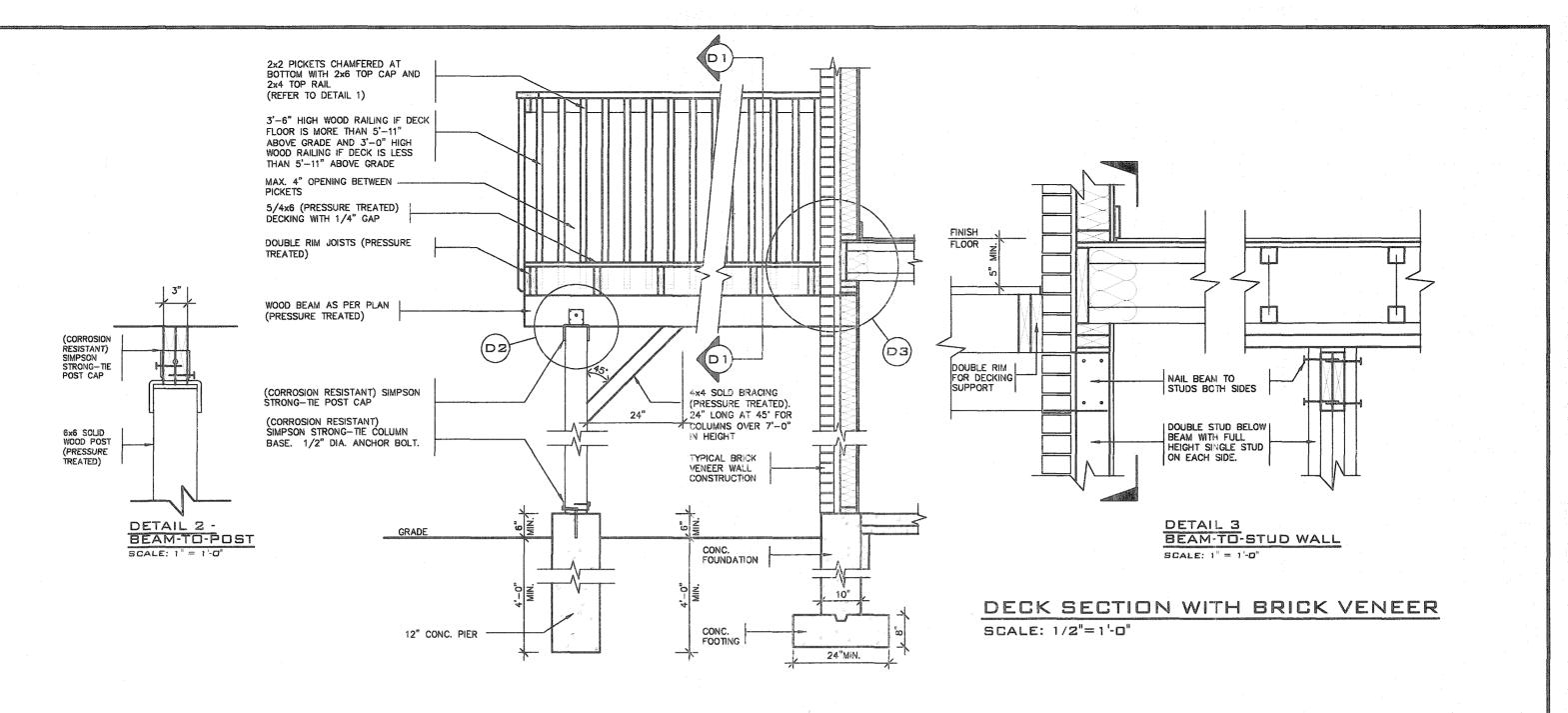
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STRUDET INC.

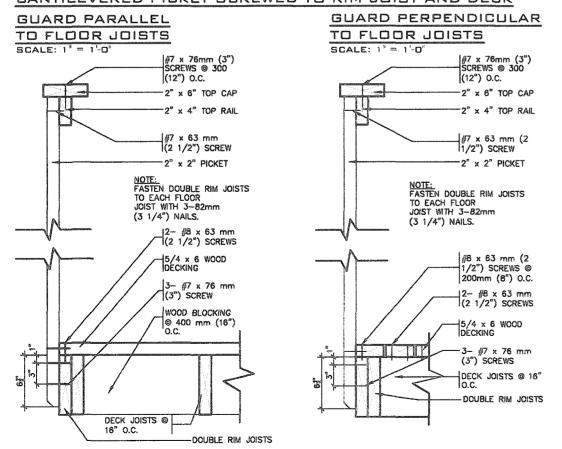
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STRUCTURE ONLY

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	8 .		Τ.	Ontario Building	Code to be a Designer.		1.5				SINGL	LS
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	6 .	T .	T.	Richard Vini	ik X//// 24488							
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militer			parinjar (195	A CONTRACTOR OF THE PARTY OF TH	All drawings specifications, relati	ed documents and design are the copyright pr	roperty of VA3 DESI	GN. Reproduction of this prope	rty in whole or in par	t is strictly prohibited without VA	3 DESIGN's erliten permission.	



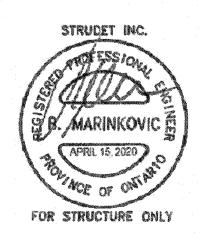
#### DETAIL 1 CANTILEVERED PICKET SCREWED TO RIM JOIST AND DECK



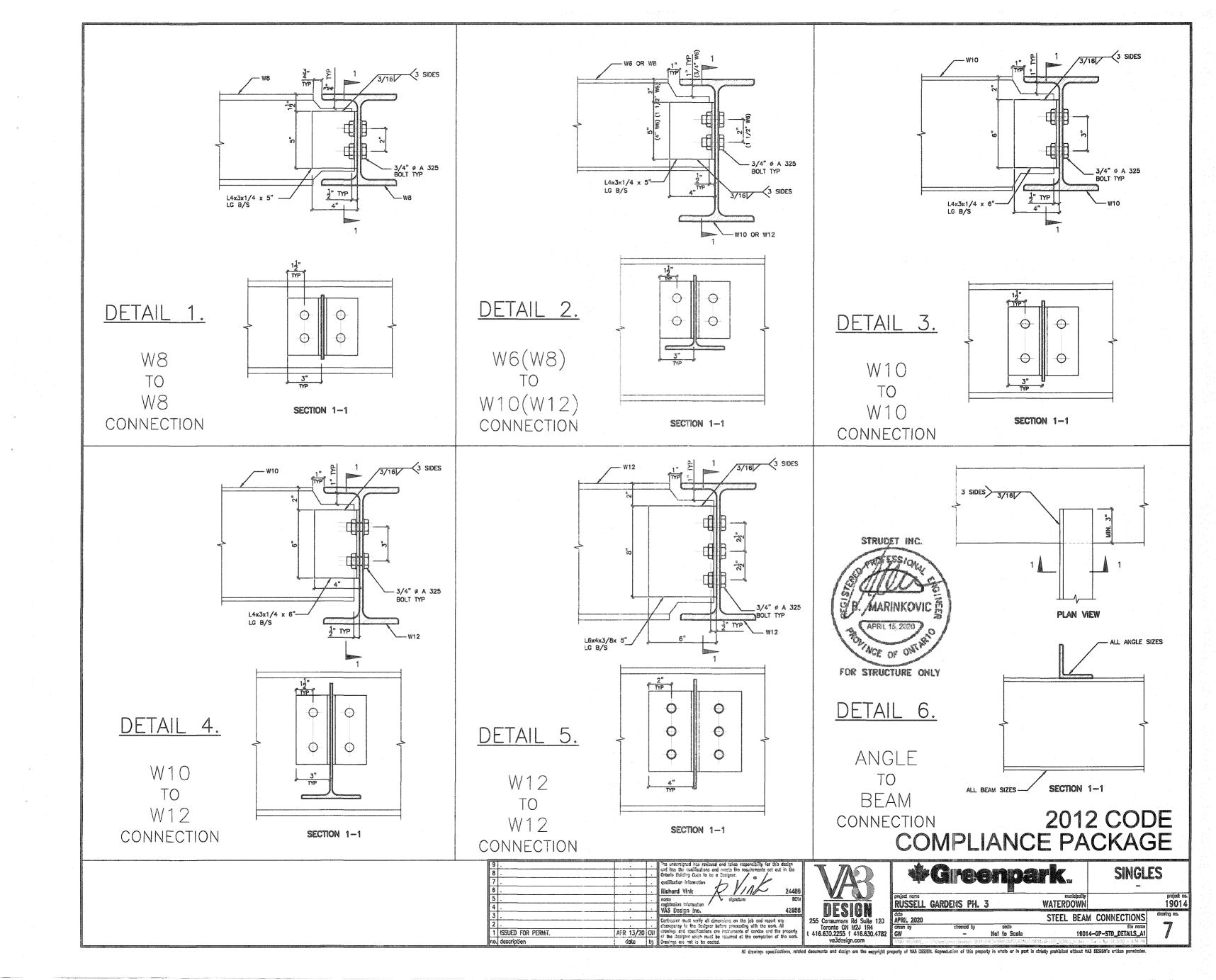
#### NOTES **GENERAL**

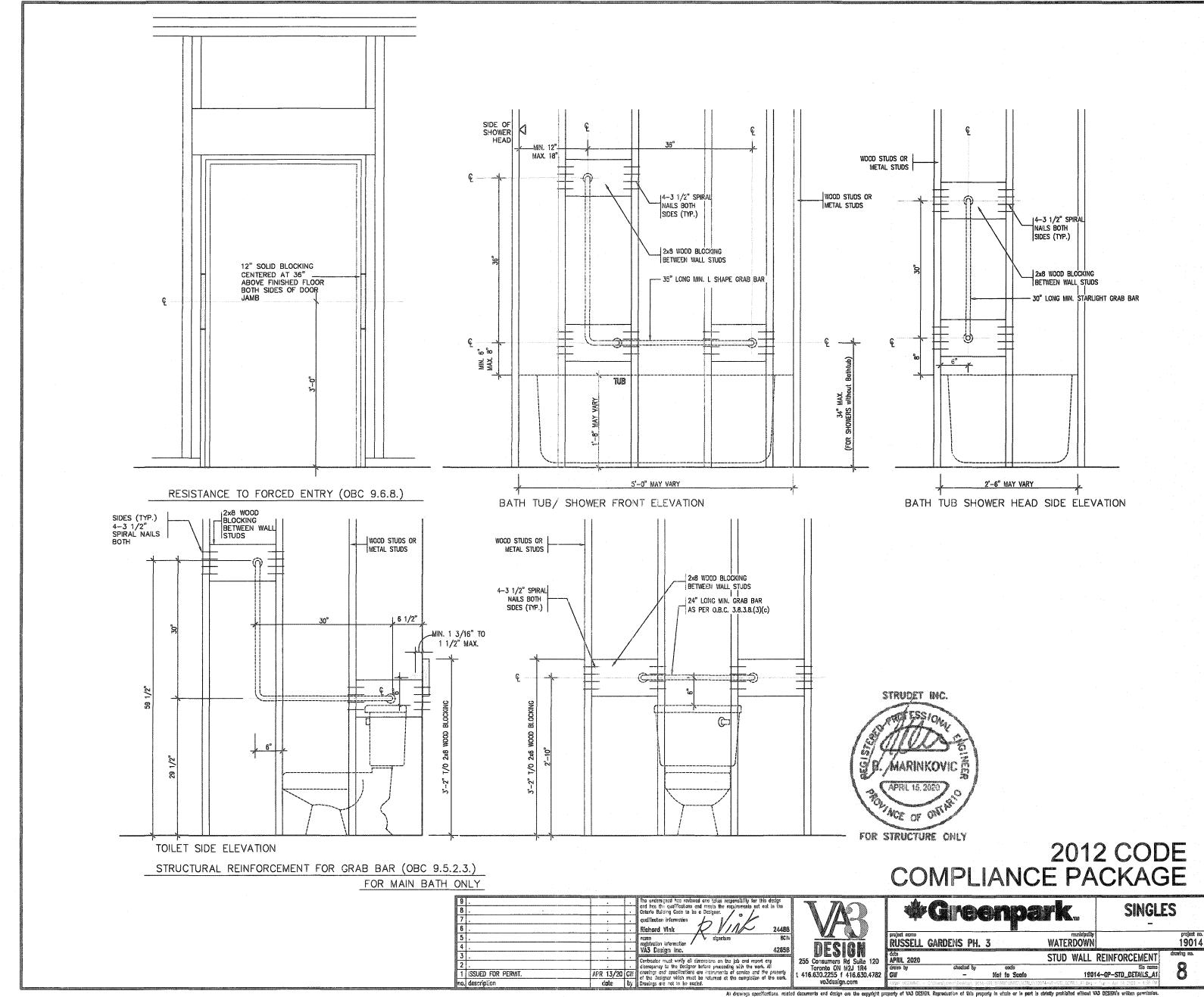
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  MORTAR TO BE TYPE 'S' WITH JOINT THICKNESS OF 10mm (3/8") MIN. AND
- 20mm (3/4") MAX.
- THE DECK HAS BEEN DESIGNED TO SAFELY SUPPORT A SUPERIMPOSED LOAD OF 1.9kPa. [40psf].
  ALL NAILS AND SCREWS TO BE GALVANIZED.
  WOOD FOR CANTILEVERED PICKETS SHALL BE DOUGLAS FIR-LARCH,
  SPRUCE-PINE-FIR, OR HEM-FIR SPECIES.
  CONCRETE SHALL HAVE COMPRESSIVE STRENGTH OF 20MPa. AT 28 DAYS AND

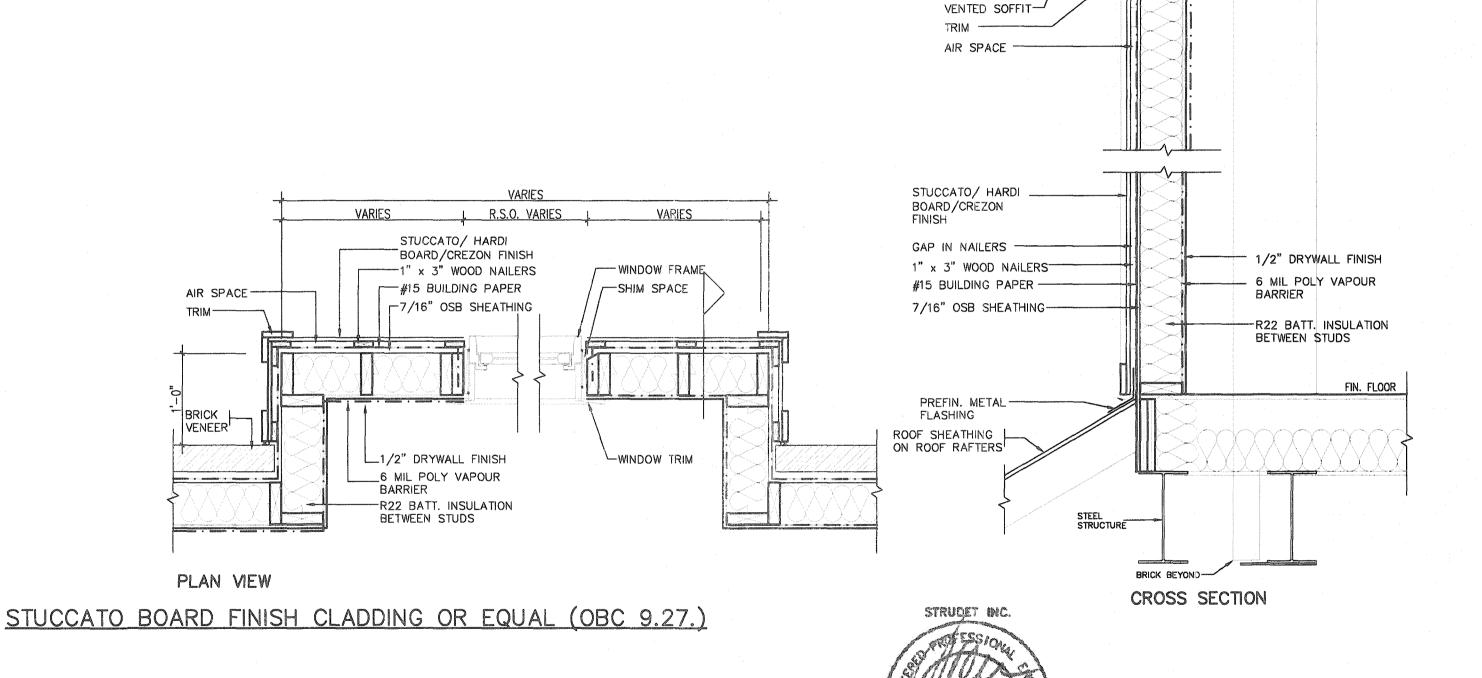
- 5-8% AIR ENTRAINED.
  FOOTING TO BE PLACED ON UNDISTURBED SOIL WITH MINIMUM BEARING
- PRESSURE OF 150kPa [3130psf]. WB1= 2- 2"x8" (PRESSURE TREATED) WB3= 2- 2"x10" (PRESSURE TREATED)



			The undersigned has reviewed and takes responsibility for this design and has the qualifications and mosts the requirements set out in the Ontario Baldring Code to be a Designer.  qualification information	TAR :		Gre	enpa	ark.	SINGL	ES
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TYPICAL ROOF CONSTRUCTION

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FOR STRUCTURE OHLY

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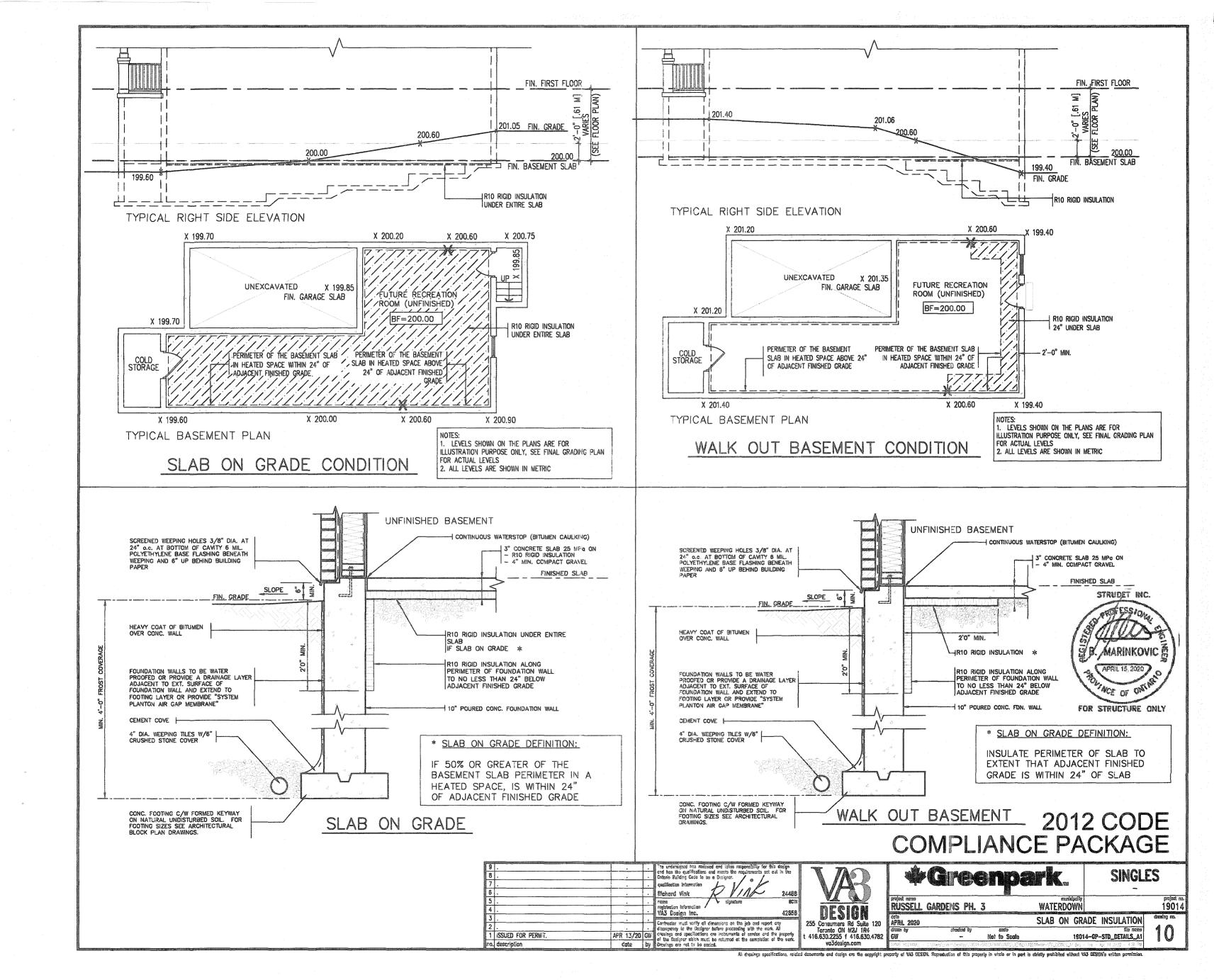
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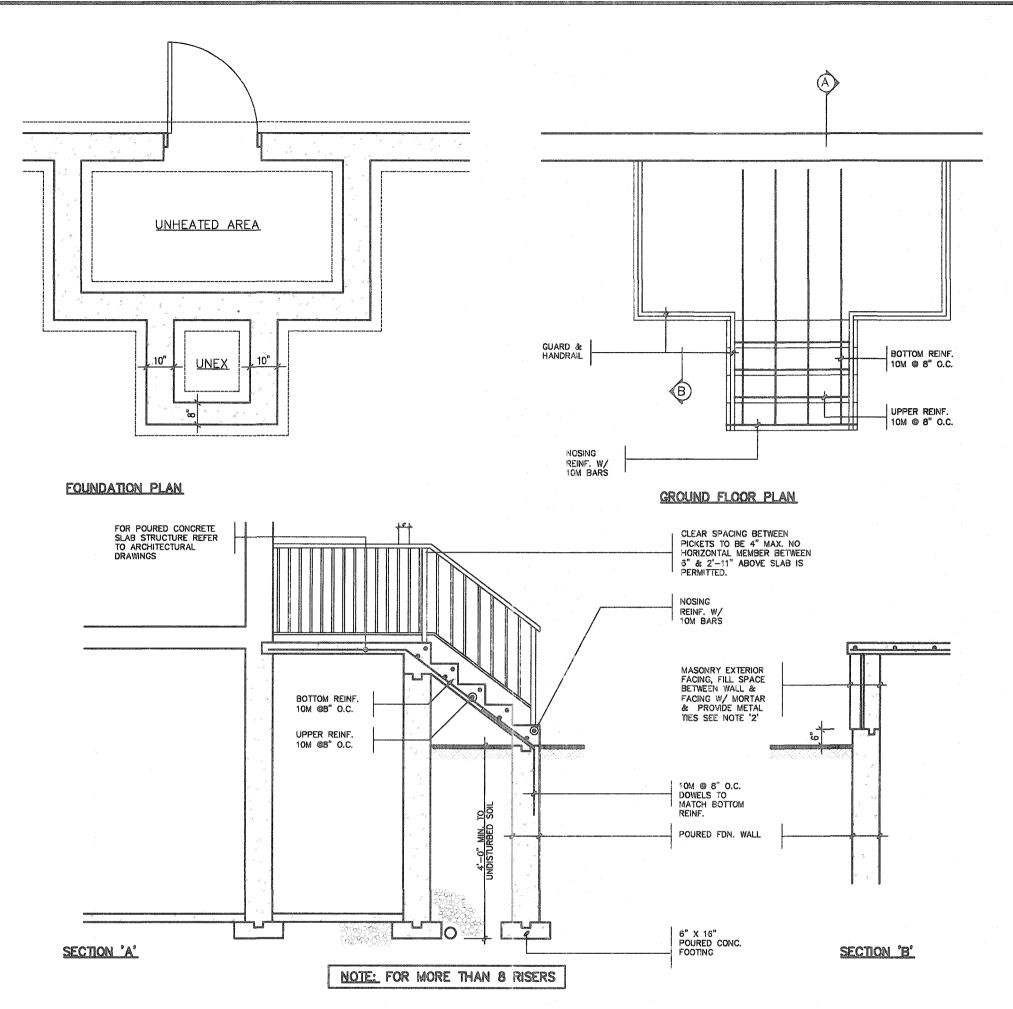
WATERDOWN

STUCCATO/ HARDI BOARD FINISH

**#Greenpark**...

RUSSELL GARDENS PH. 3





#### 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

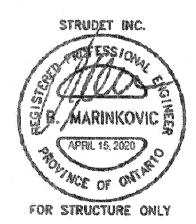
THICKNESS OF FOUNDATION WALLS IS DEPENDANT UPON VENEER CUT 8" FOR UP TO 26" VENEER CUT HEIGHT 10" FOR VENEER CUT OVER 26" HIGH

#### 6. CONCRETE

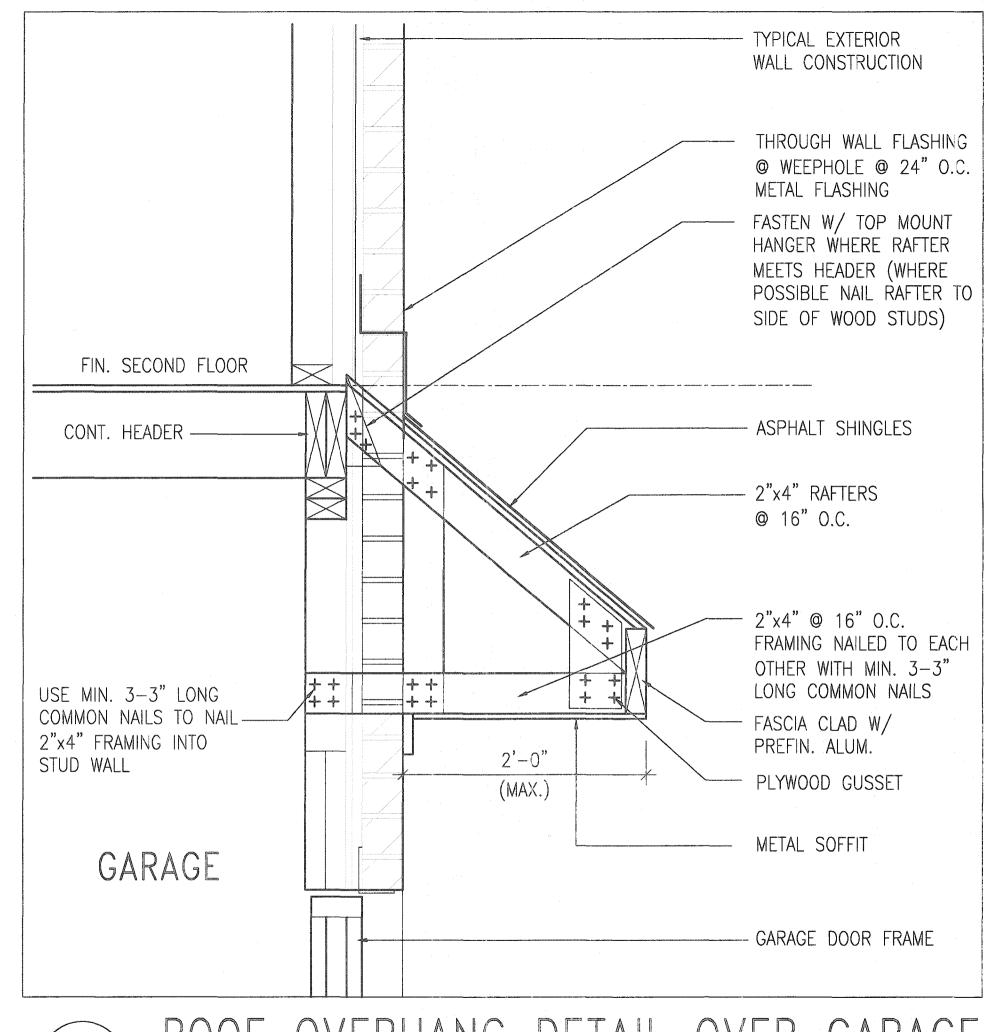
MINIMUM CONCRETE STRENGTH SHALL BE 4650 PSI [32MPa] W/ 5%-8% AIR ENTRAINMENT MINIMUM CONCRETE SLAB THICKNESS 5"

#### 7. CONCRETE COVER

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



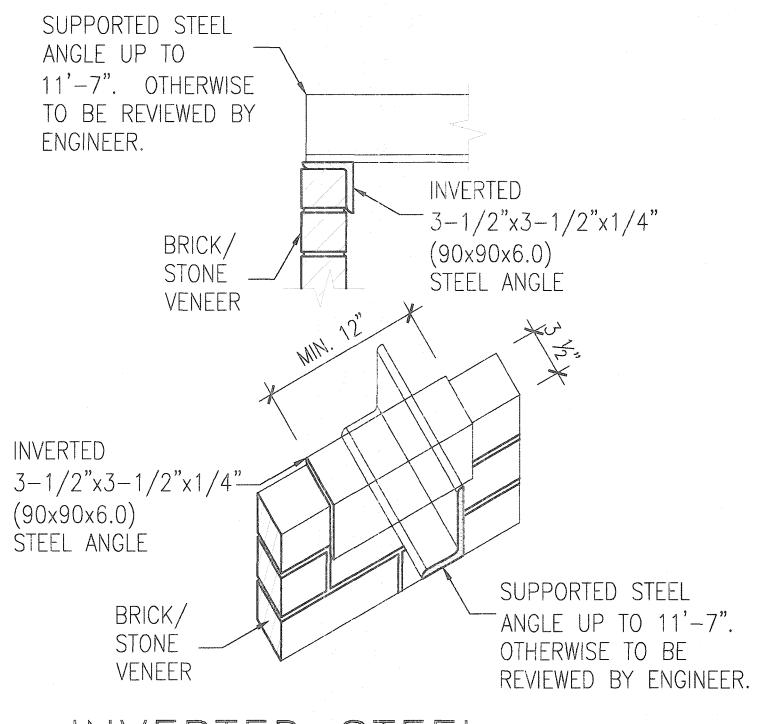
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ROOF OVERHANG DETAIL OVER GARAGE

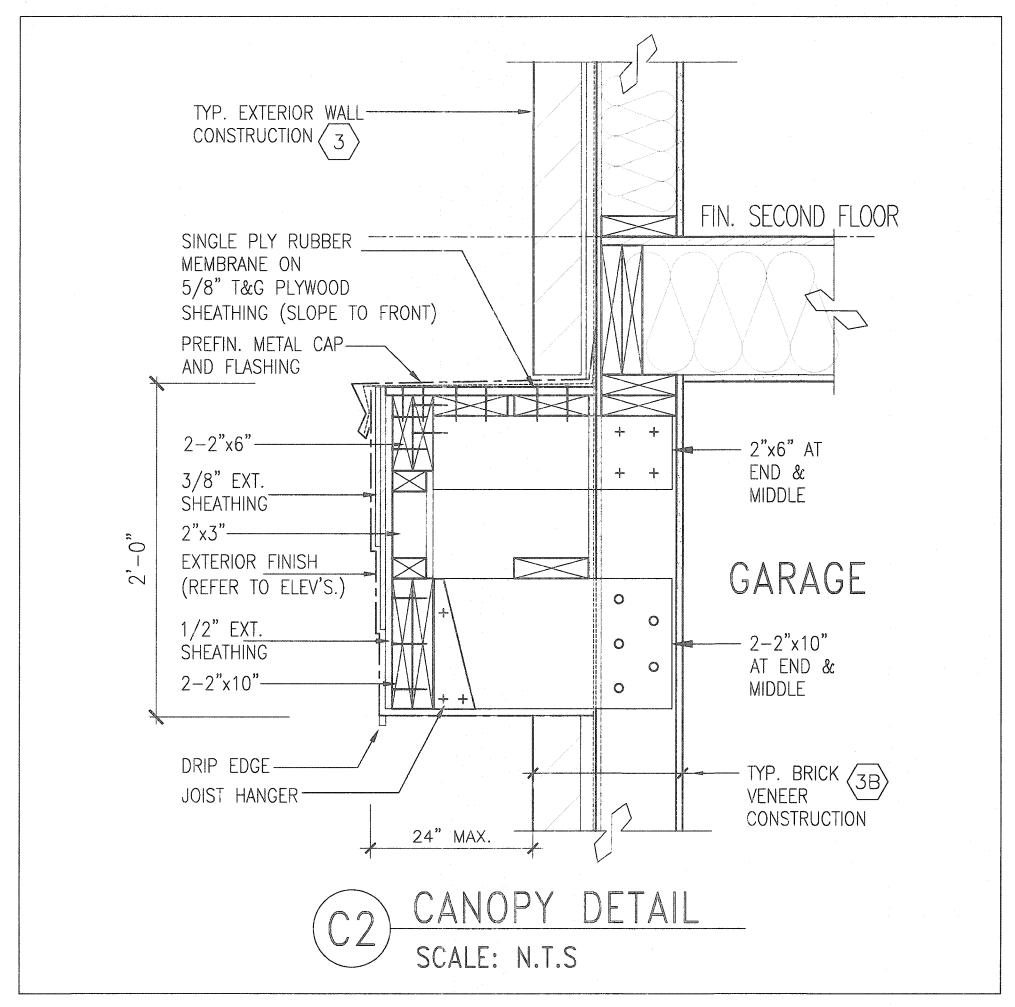
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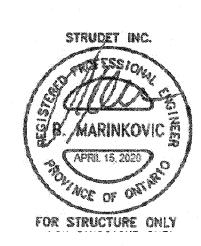




INVERTED STEEL ANGLE DETAIL

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