ROOF CONSTRUCTION

NO.210 (10.25kg/m2) ASPHALT SHINGLES, 10mm (3/8") PLYWOOD
SNEATHING WITH "N" 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 MINER FACE OF
EXTERIOR WALL. (EAVES PROTECTION NOT RED'D FOR ROOF SLOPES 8:12
OR CREATER) 38x89 (2"x4") TRUSS BRACKING @ 1830mm (6"-0") O.C.
AT BOTTOM CHORD. PREFIN. ALUM. EAVESTROUGH, FASCIA, RIV. &
INTERED. ECCHET. BROWNER. (15") A WATER CHIED TO ALL BROOF MIN. VENTED SOFFTT. 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

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., COMPINATE CONTROLLING, SOUTH (2 M) 5 YEAR OF THE CONTROLLING THE CASE OF THE CONTROLLING THE C

SIDING AS PER ELEV., 19x38 (1°x2") VERTICAL WOOD FURRING, CONTIN. SIBING AS PER ELEY, 19808 (1 12) VERILLA WOOD FORMING, CONNEC COMPLIANT EQUIVALENT, 38x39 (2"x4") STUDS © 405mm (16") O.C. (MAX. HEIGHT 3000mm (9"-10")), WITH APPR. DIACONAL WALL BRACING. REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE CARAGE. SIDING TO BE MIN. 200mm (8") ABOVE FINISH GRADE.

2C) STUCCO CLADDING SYSTEM CONSTRUCTION (2°x6") (SB-12-TABLE 31.1.2.A) 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 WITPOSITIVE DRAINAGE TO THE EXT. AND APPLIED PER MANUFACTURERS POSITIVE DRAINAGE TO THE EXT. AND APPLIED PER MANUFACTUREDS SPECIFICATIONS ON 25mm (1) Min. SUTRUIDED OR EXPANDED RICED 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, 13mm (1/2") SYPSUM BOARD INTERIOR FINISH. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE. REFER TO OBC SB-12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION SECURIFICATION.

STUCCO CADDING SYSTEM CONFORMING TO O.B.C. 9.27.1.1.(2) & 9.28
THAT EMPLOY A MINIMUM TOMIN AIR SPACE BEHIND THE CLADDING WITH
POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS
SPECIFICATIONS OVER 25mm (1") MIN. EXPANDED OR EXTRUDED RIGID (2D) POLYSTYRENE ON APPROVED AIR/MOISTURE BARRIER ON 38x89 (2°x4°)
STUDS @ 406 (16°) O.C. (MAX. HEIGHT 3000mm (9'-10")), WITH APPR
DAGONAL WALL BRACING. REFER TO NOTE 19 WHERE FLOOR EXISTS STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE.

WALLS ADJACENT TO ATTIC — NO CLADDING
11mm (7/16") EXT. TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT,
38x140 (2"x6") STUDS @ 400mm (16") O.C., RSI 3.87 (R22)
RSULATION AND APPR. VAPOUR SARRIER AND APPR. CONTIN. AIR
BARRIER, 13mm (1/2") INTERIOR DRYWALL FINISH. MID—HEIGHT BLOCKING (2E) REO'D. IF NO SHEATHING APPLIED. REFER TO OBC 58-12. CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS.

BRICK VENEER CONSTRUCTION (2"x6") (SR-12-TABLE 3.1.1.2.A)
90mm (4") FACE BRICK, 25mm (1") AR SPACE, 22x180x0.76mm
(7/6"x7"x0.03") GALV. METAL TIES @ 406mm (16") O.C. HORIZONTAL (3.) BASE FLASHING UP MIN. 150mm (6") BENIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE. REFER TO OBC 59-12, 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 (7/6"x7"x0.03") GALY. METAL TIES @ 406mm (16") O.C. HORIZONTAL 810mm (24") O.C. VERTICAL APPROVED SHEATHING PAPER, 11mm (7/16") EXTERIOR TYPE SHEATHING OR ORC COMPLIANT FOLINALENT. (7/16) EXTERIOR THE SHEATHING OR OSC COMPLIANT EQUIVALENT, 38MB (2°34") STUDS @ 405mm (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 OPERINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.

STUCCO WALL CONSTRUCTION (2°x6") (SB-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 AIR SPACE BEHIND THE CLADDING WITH
POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS (3C) POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURER SPECIFICATIONS OVER 25mm (1") MIN. EXTRUDED OR EXPANDED RIGID POLYSTYRENE ON APPR. CONTIN. AIR/MOISTURE BARRIER ON 38x140 (2"x6") STUDS @ 405mm (16") O.C., RSI 3.87 (R22) BATT INSUL, APPR. 6 ML. POLYETHYLENE VAPOUR BARRIER, 13mm (1/2") CYPSUM WALLBOARD INTERIOR FINISH. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE. REFER TO OBC SB-12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMENTS.



STRUDET INC FOR STRUCTURE ONLY INTERIOR STUD PARTITIONS

4. FOR BEARING PARTITIONS 38x89 (2°x4°) № 408mm (16°) O.C. FOR 2 STOREYS AND 305mm (12°) O.C. FOR 3 STOREYS, FOR 2 STURETS AND SUSMITH (12) O.C. FOR 3 STURETS, 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 SITUMENOUS DAMPPROOFING AND DRAINAGE LAYER. DRAINAGE LAYER BITUMENOUS DAMPPROOFING AND DRAWINGE LAYER, DRAWINGE LAYER REQ'O, WHEN BASEMENT INSUL, EXTENDES 900 (2"-11") BELOW FIN. GRADE, DRAWINGE LAYER IS NOT REQ'D. IF FOUNDATION WALL IS WATERPROOFED, MAYUMUM POUR HEIGHT 2590 (7"-10") ON 500x155 WATERPROOFED, MAYUMUM POUR HEIGHT 2590 (7"-10") ON 500x155 WALL REST ON MATURAL UNDISTURBED SOIL OR COMPACTED ENGINEERED FILL.

STRIP FOOTINGS - FOR TOWNHOUSES FOR STRIP FOOTING SIZES REFER TO BLOCK FOUNDATION PLAN. ASSUMED 120 KPo (18 p.s.i.) SOIL BEARING CAPACITY FOR

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

FOUNDATION DRAINAGE OBC. 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. 9.31.6.(1)(b), 9.16.4.5.(1), 9.25.3.3.(15) 80mm (3")MIN. 25MPa (3600psi) CONC. SLAB ON 100mm (4") COARSE GRANULAR FILL, OR 20MPa. (3000psi) CONC. WITH DAMPPROOFING BELOW SLAB. UNDER SLAB INSULATION PER SB-12; 3.1.1.7.(5)(6) where required.
ALL SLAB JOINTS & PENETRATIONS TO BE SEALED TO MAINTAIN AIR

8. WOOD SUBFLOORS (SEE OBC. 9.23.14. & 9.30.21) -19mm (3/4") MIN. T & G SUBFLOOR UNDER GROUND FLOOR FINISH FLOOR. 16mm (5/8") T&G SUBFLOOR UNDER SECOND FLOOR FINISH FLOOR. 18mm (5/8") PANEL-TYPE UNDERLAY FOR CERAMIC TILE APPLICATION. 6mm (1/4") PANEL-TYPE UNDERLAYMENT UNDER RESILIENT & PARQUET FLOORING.

9. ATTIC INSULATION (SB-12-TABLE 3.1.1.2.4) (SB-12-3.1.1.8)
RSI 10.56 (R60) BLOWN IN ROOF INSULATION AND APPROVED 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.—

IFORM RISE -5mm (1/4") MAX BETWEEN ADJACENT TREADS

OR LANDINGS (10.) -10mm (1/2") MAX BETWEEN TALLEST & SHORTEST RISE IN FLIGHT

MAX RISE = 200 (7-7/8)= 200 (7-7/6) = 210 (8-1/4") = 235 (9-1/4")MAX. NOSING = 25 (1")

MIN. HEADROOM = 1950 (6'-5") RAIL @ LANDING RAIL @ STAIR = 900 (2'-11") = 865 (2'-10") to 965 (3'-2") MIN. STAIR WIDTH = 860 (2'-10") FOR CURVED STAIRS

MIN. RUN MIN. AVG. RUN = 150 (6°) = 200 (8°) HANDRAUS -OBC. 9.8.7.

(11.) PINISHED 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 — ORC. 9.8.8.

900mm (36") HICH 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 12) 38x99 (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 10P OF FOTM. 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 200mm (8") ABOVE THE FINISHED FLOOR & NO CLOSER THAN 50mm (2") OF (6) ABUVE HE PINISHED FUND & WILDESK HIPM STIMM (2) OF THE BASEMENT SLAB. RSI 3.52c! (R20c!) BLANKET INSULATION TO HAVE APPROVED VAPOUR BARRIER. RECOMMEND DAMPPROOF WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL NOTE: FULL HIGHER 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.

BASEMENT REARING STUD PARTITION BASEMENT BEARING STUD PARTITION

38x89 (2"x4") STUDS © 406mm (16") O.C. 38x89 (2"x4") SIL
PLATE ON DAMPPROFING MATERIAL, 13mm (1/2") DM. ANCHOR
BOLTS 200mm (8") 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.

89mm(3-1/2") DIA x 4.78mm(0.188") STL COL WITH A MIN. CAPACITY OF 108.6kN (24.0001bs.) WITH 150x150x9.5 (6"x6"x3/8") STL. TOP & BOTTOM PLATE.

90mm(3-1/2") DIA x 4.78mm(0.168") STL COL WITH SUMMING-1/2) WA 4.70MM (LOB) SIL CUE WITH
100x100x6.0 (4*x4*1/4*) 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*). TE COLLANN 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. BY SIMPSON STRONG TIE. CONCRETE PILASTER

16. BEAM POCKET OR 200x200 (8"x8") POURED CONC. NB 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 100mm (4") 32MPa (4640psi) 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 & CEILINGS (SE-12-TABLE 3112A)

HOUSE AND GARAGE, RSI 3.87 (R22) IN WALLS, RSI 5.46 (R31) IN CELING TAPE AND SELL ALL JOINTS ARTICHT PER O.B.C. 9.10.9.16. REFER TO SEL ALL JOINTS ARTICHT PER O.B.C. REQUIRED THERMAL INSULATION.

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

EXTERIOR STEP
PRECAST CONCRETE STEP OR WOOD STEP WHERE NOT EXPOSED TO WEATHER MAX. RISE 200mm (7-7/8") MIN. TREAD 250mm (9-27/32"). SEE OBC. 9.8.9.2., 9.8.9.3. & 9.8.1Q.

DRYER VENT (08C-6.2.3.8.(7), & 6.2.4.1.1) CAPPED DRYER EXHAUST VENTED TO EXTERIOR (USE 100mm (4") DIA SMOOTH WALL VENT PIPE).

INSULATED ATTIC ACCESS (OBC-9.19.2.1 & SB12-3.1.1.8)
ATTIC ACCESS HATCH WITH MIN. DIMENSION OF 545x700mm 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 -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.

(25) LINEN CLOSETS 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.

27) STEEL BEARING PLATE FOR MASONRY WALLS
280x260x16 (11°x11°x5/6") STL PLATE FOR STL BEAMS AND
280x260x12 (11°x11°x1/2") STL PLATE FOR WOOD BEAMS
BEARING ON CONC. BLOCK PARTYWALL, ANCHORED WITH 2-19mm (3/4") x 200mm (8") LONG GALV. ANCHORS WITHIN SOLID BLOCK COURSE. LEVEL WITH NON-SHRINK GROUT.

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 WIDD STUDS TO BE CONSTRUCTED IN ACCORDANCE WITH OBC 9.17.4.2(2).

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 (ORC 9.17.4.) 3-38x140 (3-2"x6") BUILT-UP-POST ON METAL BASE SHOE ANCHORED TO CONC. WITH 12.7 DIA. BOLT, 406x406x203 (16"x16"x8") CONC. FTG. OR AS OTHERWISE SPECIFIED ON DRAWING. STEPPED FOOTINGS (OBC 9,15,3,9,)

30.) MIN. HORIZ. STEP = 600mm (24").
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 MESH
PLACED NEAR MID-DEPTH OF SLAB. CONC. STRENGTH 32 MPg (4640 psi) with 5-8% air entrannment 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 SLASS TO BE SEALED TO MAINTAIN AIR BARRIER.

LOOSE STEEL LANTELS SE SEPL LINTELS

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

=4° x 3-1/2° x 5/16° L (100x90x8.0L)

=5° x 3-1/2° x 5/16° L (125x90x8.0L)

=6° x 3-1/2° x 5/6° L (150x90x10.0L)

=6° x 4° x 3/8° L (150x100x10.0L)

=7° x 4° x 3/8° L (180x100x10.0L) PAD FOOTINGS LAMBORED VEIER WASER (U.A.) BEAUS

| 120 kPp. NATHE SOL | 90 kPg. ENGINEERED FIL SOL | F1 = 42"x42"x18" CONCRETE PAD | F1 = 48"x48"x20" CONCRETE PAD | F2 = 36"x35"x12" CONCRETE PAD | F3 = 30"x35"x12" CONCRETE PAD | F3 = 34"x34"x14" CONCRETE PAD | F3 = 34"x34"x14" CONCRETE PAD | F3 = 34"x34"x14" CONCRETE PAD | F3 = 54"x34"x14" CONCRETE PAD | F3 = 54"x14" CONCRETE PAD | F3 = 54"x14" C =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°x9 1/4° (1-45x235) =3-1 3/4°x9 1/4° (3-45x235) =3-1 3/4°x9 1/4° (3-45x235) (REFER TO FLOOR PLAN FOR UNUSUAL SIZE PADS NOT ON CHART.) DOOR SCHEDULE LVL4 LVL5 -0-1 3/4 x9 1/4 (4-45x235) =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) =4-1 3/4 x11 7/8 (4-45x300) =2-1 3/4"x14" =3-1 3/4"x14" (2-45x356) (3-45x356

INSULATED ENTRANCE DOOR
INSULATED FRONT DOORS
WOOD & GLASS DOOR
ENTERIOR SLAB DOOR
INTERIOR SLAB DOOR 8'-0" 8'-0" 8'-0" 8'-0" 8'-0" 8'-0" BRICK VENEER LINTELS WOOD LINTELS AND SEAMS WL1 =3-1/2" x 3-1/2" x 1/4"L (89x69x6 4L)
WL2 =4" x 3-1/2" x 5/16"L (102x89x7.9L)
WL3 =5" x 3-1/2" x 5/16"L (127x89x7.9L)
WL4 =6" x 3-1/2" x 7/16"L (152x89x11.0L)
WL5 =6" x 4" x 7/16"L (152x102x11.0L) 2-2"x8" SPR. No.2 2-2"x8" SPR. No.2 =2~2"x8" (2-38x184) SFR. 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" SPR. No.2 W35 =3-2 x10 (3-36x233) SPR. No.2 W35 =2-2"x12" (2-36x286) SPR. No.2 W36 =3-2"x12" (3-36x286) SPR. No.2 W37 =5-2"x12" (5-36x286) SPR. No.2 W31 =4-2"x10" (4-36x235) SPR. No.2 W312 =4-2"x12" (4-36x286) SPR. No.2 WLG =5" x 3-1/2" x 5/16"L (127x89x7.91)
WLG =5" x 3-1/2" x 5/16"L (127x89x7.91)
WLB =5" x 3-1/2" x 5/16"L (127x89x7.91)
WLB =6" x 4" x 7/16"L (127x89x7.91)
WL9 =6" x 4" x 7/16"L (152x102x11.01) 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

DVINK pusification information Richard Vink 24488 registration information / VA3 Design Inc. 42658 3 SB NOTE FURTHER DEFINED. AUG 24/20 GW Contractor must verify all demensions on the job and report any discrepancy to the Designer before proceeding with the texts. All APR. 13/20 GW of the Designer which must be returned at the completion of the Designer which must be returned at the completion of the orange. 2 RE-ISSUED. 1 ISSUED FOR PERMI no. description date by Branings are not to be accled.

DIRECT VENTING GAS FURNACE VENT
DIRECT VENT FURNACE TERMINAL MIN. 900mm (36") FROM A GAS
REGULATOR MIN. 300mm (12") ABOVE FIN. GRADE, FROM ALL OPENINGS,
EXHAUST AND INTAKE VENTS. HRV INTAKE TO BE A MIN. OF 1830mm
(6"-0") FROM ALL DOMAUST TERMINALS. REFER TO GAS UTILIZATION
CODE. ALL AIR INTAKES SHALL BE LOCATED SO THAT THEY ARE
SEPARATED FROM KITCHEN EXHAUST BY 3.0M IN COMPLIANCE WITH 0.B.C.
DIV.-B TABLE 6.2.3.12..

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

JOIST STRAPPING AND PRIDGING (SEE ORC. 9.23.9.4) 15mm (5/8") T & C SUBFLOOR ON WOOD FLOOR JOISTS, FOR CERAMIC TILE APPLICATION (* SEE OBC 9.30.6. *) 6mm (1/4") PANEL TYPE UNDERLAY UNDER RESILENT & PARQUET FLOORING. (* SEE OBC 9.30.2.*)
FLOOR JOISTS WITH SPANS OVER 2100mm (6'-11") TO BE BRIDGED

WITH 38x38 (2"x2") CROSS BRACING OR SOLID BLOCKING @ 2100mm (6'-11') O.C. MAX. AND WHERE SPECIFIED BY JOIST TABLES A-1 OR A-2 STRAPPING SHALL BE 19x64 (1°x3') @ 2100mm (6'-11') O.C. UNLESS A PANEL TYPE CERUNG FINISH IS APPLIED. (° SEE OBC

EXTERIOR WALLS TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 min. WHERE LIMITING DISTANCE (LD) IS LESS THAN 1.2M (3"-11"). WHERE THE LD IS LESS THAN 600mm (1"-11") THE EXPOSING FACE SHALL BE CLAD IN NON-COMBUSTIBLE MATERIAL SEE ELEVATIONS FOR ADDITIONAL NOTES.

COLD CELLAR PORCH SLAB (OBC 9.38.)

(36) FOR MAX. 2500 mm (8'-2") PORCH DEPTH (SHORTEST DIM.), 125mm (4 7/8") 324Pa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRARMENT. REINF. WITH 10M BAFS @ 200mm (7 7/8") Q.C. EACH WAY IN BOTTOM THIRD OF SLAB, SQUAGOO (23 $5/8^{\circ}$); $23 5/8^{\circ}$) fom dowels \otimes 600mm (23 $5/8^{\circ}$) o.C., anchored in Perimeter FDTN. Walls. Slope slab min. 1.0% FROM DOOR. SLAB TO HAVE MIN 75mm (3") BEARING ON FOTN. WALLS. PROVIDE (L1) LINTELS OVER CELLAR DOOR AND WITH 100mm (4") END BEARING.

BRICK CHECK

37) THE FORM WALL SHALL NOT BE REDUCED TO LESS THAN 90mm (3-1/2")
THICK TO A MAX. DEPTH OF 660mm (26") AND SHALL BE TIED TO THE
FACING MATERIAL WITH METAL TIES SPACED 200mm (8") O.C. VERTICALLY
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THE SPACED 200mm (8") O.C. VERT AND SOGMM (36") O.C. HORIZONTALLY, FILL SPACE BETWEEN WALL AND FACING SOLID WITH MORTAR.

CONVENTIONAL ROOF FRAMING (2.0Kpg. SNOW LOAD) 38x140 (2".6") RAFTERS @ 408mm (16"0.C.) FOR MAX 11"-7" SPAN, 38x184 (2".6") RIDGE BOARD. 38x89 (2"x4") COLLAR THES AT MEDSPANS. CEILING JOISTS TO BE 38x89 (2"x4") @ 408mm (16") O.C. FOR MAX. 2830mm (5'-3") SPAN & 38x140 (2"x6") @ 406 (16") O.C. FOR MAX. 2450mm (14'-7') 5PML.

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 BRACED @ 1800mm (6'-0") O.C. VERTICALLY.

TWO STOREY VOLUME SPACES (39.) -FOR A MAXMUM 5490 mm (16"-0") HEIGHT AND MAXMUM SUPPORTED ROOF TRUSS LENGTH OF 6.0m, PROVIDE 2-38x140 (2-2"x6") SPR. \$2 CONTINUE STUDS OF 305mm (127) O.C. (TRIPLE LIZ AT EVERY THRO COVINN. SICUS ® JUSTAM (12) O.C. (NAPILE UP AI EVERT HEND)
DOUBLE STUD FOR BRICK WALLS) C/W 9.6 (3/8") THICK EXT. PLYWOOD
SHEATHANG. PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS ®
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 + 1-38x14C (1-2"x6") BOTTOM PLATE & MINIMUM OF 3-38x184 (3-2"x8") CONT. HEADER AT GRIND. CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES AND HEADERS.

EXPOSED FLOOR TO EXTERIOR (S8-12-TABLE 3.1.1.2.A) 40) PROVIDE RS: 5.46 (P31) INSULATION, APPROVED VAPOUR BARRIER AND CONTINUOUS AIR BARRIER, FINISHED SOFFIT.

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

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

WINDOWS:

MINIMUM BEDROOM WINDOW — CBC. 9.9.15.1— AT LEAST ONE BEDROOM WINDOW ON A CIVEN FLOOR IS TO MAKE MI 0.35m2 UNDESTRUCTED GLAZED OR OPENABLE AREA WITH MIN. CLEAR

0.3572 UNDSHIPUTED SUPPLY OF THE WINDOW SEL IS LOCATED WINDOW GUARDS O'CRC. 9.8.8.1.(6) LESS THAN 480mm (1'-7") ABOVE FIN. FLOOR AND THE DISTANCE FROM THE FIN. FLOOR TO THE ADJACENT GRADE IS GREATER THAN 1800mm

(5'-11')
WINDOW WELLS -OBC. 9.14.6.3.
ALL WINDOW WELLS TO DRAW TO FUOTING LEVEL PER OBC 9.14.6.3. CHECK WITH 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.

DOORS:

) EXTERIOR DOORS— THERMAL RESISTANCE ALL EXTERIOR DOORS TO COMPLY WITH THERMAL RESISTANCE AS STATED 8 0.8.C. SB-12-3.1.1.9.

O.B.C. S9-12-5.1,1.9.

2) EXTERIOR SLIDING GLASS DOORS—THERMAL RESISTANCE ALL DITERIOR SLIDING GLASS DOORS TO COMPLY WITH THERMAL PERFORMANCE AS STATED IN O.B.C. SB-12-3.1,1.9.

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

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

SIZE NO.2. AND REMOVED STANDARDS.

STUD WALL REINFORCEMENT FOR FUTURE CRAB BARS IN MAIN BATHROOM
REINFORCEMENT OF STUD WALLS SKALL BE INSTALLED ADJACENT TO WAIT
CLOSETS AND SHOWER OR BATHFUE IN MAIN BATHROOM. REFER TO OBC. 9.5.2.3, 3.8.3.8.(3)(a), 3.8.3.8.(3)(c), 3.8.3.13.(2)(g) & 3.8.3.13.(4)(a).

AIR BARRIERS SYSTEMS TO COMPLY WITH O.B.C.-DV. B, 9.25.3.

ALL AND BOWNERS STREET TO CONTINUE AND THAT THEY ARE SEPARATED FROM SOURCES OF CONTAMENATION (EXHAUST VENTS) IN COMPLIANCE WITH O.B.C. DIV.—B 6.2.3.12. AND TABLE 6.2.3.12.

HMRER.

) ALL LUMBER SHALL BE SPRUCE NO.2 GRADE, UNLESS NOTED OTHERWISE LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE No.2 GRADE PRESSURE THEATED 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.

& CERTIFIED BY ROOF TRUSS MANUF.

LVI. BEAMS SHALL BE 20E-2950FD MIN. NAIL EACH FLY OF LVL WITH
BRAIM (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", 11
7/8") DEPTHS AND STAGGERED IN 3 ROWS FOR GREATER DEPTHS AND F
4 PLY MEMBERS AND 13mm (1/2") DA. GALV. BOLTS BOLTED AT

MD-DEPTH OF SEAM @ 915mm (3"-0") O.C.

PROVIDE TOP MOUNT BEAM HANGERS TYPE "SCL" MANUFACTURED BY SMPSON STRONG-TIE OR EQUIA. FOR ALL LVL. BEAM TO BEAM CONNECTIONS UNLESS NOTED OTHERWISE.

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

) WOOD FRAMENG NOT INCOME WITH A WOOD PRESENTATIVE, IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONCRETE BY AT LEAST 2 mil POLYETHYLENE FILM, No. 50 (45bb.) ROLL ROUTING OR OTHER CAMPPROTORING MATERIAL, DICCEPT WHERE THE WOOD MOMBER IS AT LEAST 150mm (6") ABDYE THE GROUND.

DESIGN

t 416.630.2255 f 416.630.4782 APRIL 2020
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255 Consumers Rd Suite Toronto ON M2J 1R4

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

REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R. STUCCO:

) ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAWAGE TO THE EXTERIOR. THE EXTERIOR SHEATHING BUST NOT BE GYPSUM BASED. ALL STUCCO TO BE INSTALLED AS PER MANUFACTURES 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.

USE SB-12 COMPLIANCE PACKAGE (A1)

CENTER CONTRACTOR SIZE INC. AND AND ADDITIONAL CONTRACTOR AND ADDITION	CT - SERVING CONTRACTOR	to a serie and the series of t				
COMPONENT	A1	Notes:				
Ceiling with Attic Space	10.56	R20 at inner face				
Minimum RSI (R) value	(R60)	of exterior walls				
Ceiling without Aftic Space	5.46	BATT or SPRAY				
Minimum RSI (R) value	(R31)	2/11/ 0/ 0/10/1				
Exposed FLoor	5.46	BATT or SPRAY				
Minimum RSt (R) value	(R31)	D 01 01 1011				
Walls Above Grade	3.87	6" R22 BATT				
Minimum RSI (R) value	(R22)					
Bosement Walls	3.52ci	OPTION TO USE				
Minimum RSI (R) value	(R20ci)	R12+R10ci.				
Edge of Below Grade Slab	1.76	RIGID INSUL				
≤600mm below grade	(R10)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Minimum RSI (R) value						
Windows & Sliding glass	1.6U					
Doors	(0.28)					
Maximum U-value		Annual Control of the				
Skylights	2.80					
Maximum U-value	(0.49)					
Space Heating Equipment	96% Min.	NATURAL GAS				
Minimum AFUE		IVATORAL GAS				
Hot Water Heater	0.66	NATURAL GAS				
Minimum EF	(0.8)	INTOTAL GAS				
HRV	75%					
Minimum Efficiency						
Drain Water Heat	Minimum 1 Off	Modernum 2 Required				
Recovery Unit (DWHR)	Dependent on number of sharers installed. Refer to SB12-3.1.1.12 for information					
ci- Denotes Continuous Insu	AND THE RESERVE THE PROPERTY OF THE PARTY OF	CONTRACTOR OF THE PROPERTY OF				

LEGEND

9

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CLASS 'B' VENT

DUPLEX OUTLET (12" ABOVE SUF

₩EATHERPROOF
DUPLEX OUTLET

POT LIGHT

EXHAUST FAN TO EXTERIOR (S) DUPLEX OUTLET (HEIGHT A.F.F) GFI DUPLEX OUTLET (HEIGHT A.F.F) HEAVY DUTY OUTLET (220 voit)

C LIGHT FIXTURE φ-LIGHT FIXTURE (CEILING MOUNTED) ф-LIGHT FIXTURE (WALL MOUNTED)

HOSE BIB (NON-FREEZE) ® &FLOOR DRAIN S.A. COMBINED SMOKE COD. CARBON MONOXIDE D

DJ --- DOUBLE JOIST

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

P.T. PRESSURE TREATED LUMBER

G.T. GIRDER TRUSS
BY ROOF TRUSS MANUF.

F.A. IE FLAT ARCH

I CA I CURVED ARCH

M.C. MEDICINE CABINET

ZZCONC. BLOCK WALL

00000 SPECIAL WALL CONSTRUCTION SEE NOTE ON PLANS

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

SOUD WOOD BEARING TO MATCH FROM ABOVE

MOTE: SOLID BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTED

M & SMOKE ALARM (REFER TO OBC 9.10.19) PROVIDE 1 PER FLOOR, NEAR THE STARS CONNECTING THE FLOOR LEVEL AND ALSO 1 IN EACH REDROOM NEAR HALL DOOR ALARMS TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND INTERCONNECTED TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND INTERCORNET TO ACTIMATE ALL ALARMS IF 1 SOUNDS. BATTERY BACK-UP REQUIRED. SMOKE ALARMS TO INCORPORATE VISUAL SIGNALLING COMPONENT.

CARBON MONOXIDE ALARM (OBC 9.33.4.) MHERE A FUEL-BURNING APPLANCE IS INSTALLED IN A DWELLING UNIT, A
CARRON MONORIDE DETECTOR CONFORMING TO CAN_CGA-6.19,CSA 6.19
OR UL2034 SHALL BE INSTALLED ADJACENT TO EACH SLEEPING AREA.
CARRON MONORIDE DETECTOR(S) SHALL BE PERMARKENTY WIRED SO THAT
ITS ACTIVATION WILL ACTIVATE ALL CARRON MONORIDE 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 LEARNING OF SOIL GAS INTO THE BUILDING IF REQUIRED.

DRAIN WATER HEAT RECOVERY UNIT (DWIR) PER SS12-3.1.1.12. A DRAIN WATER HEAT RECOVERY (DWHR)
UNIT SHALL BE INSTALLED IN EACH DWELLING UNIT TO RECEIVE
DRAIN WATER FROM ALL SHOWERS OR FROM AT LEAST TWO
SHOWERS WIGHT, THERE ARE TWO ARE MORE SHOWERS IN THE
DWELLING UNIT. DOES NOT APPLY IF THERE ARE NO SHOWERS OR
NO STOREY BENEATH ANNOUNTRE SHOWERS.

SE STAMPED DRAWINGS SHALL BE AVAILABLE ON ST HE OWNER A CHOR CONTRACTOR SHALL COMPLY WITH

ONTARIO BUILLISSIS CODE AND ALL OTHER APPLICABLE 1715 ings and/or specifi**cations ha**ve been re

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

***Greenpark.** SINGLES



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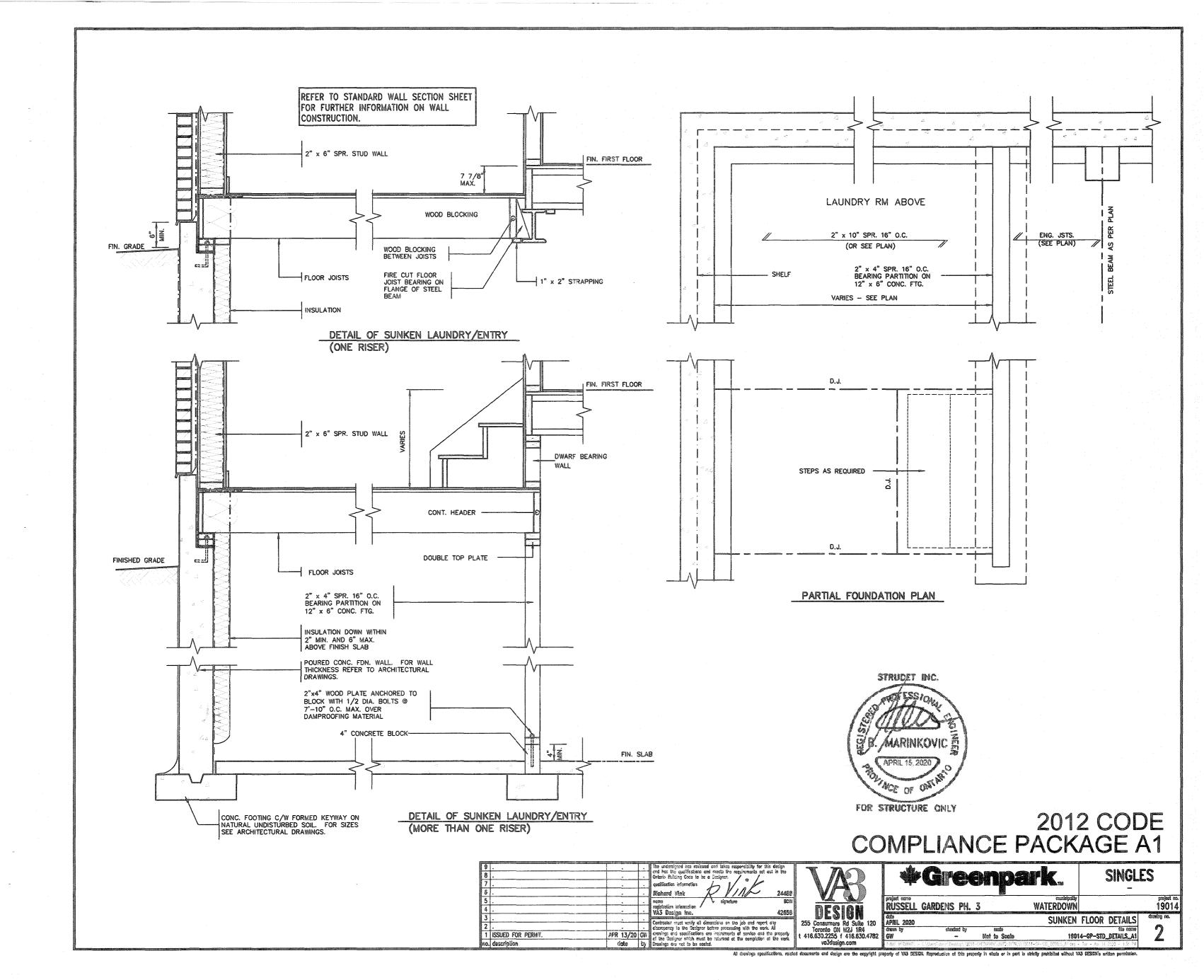
WATERDOWN

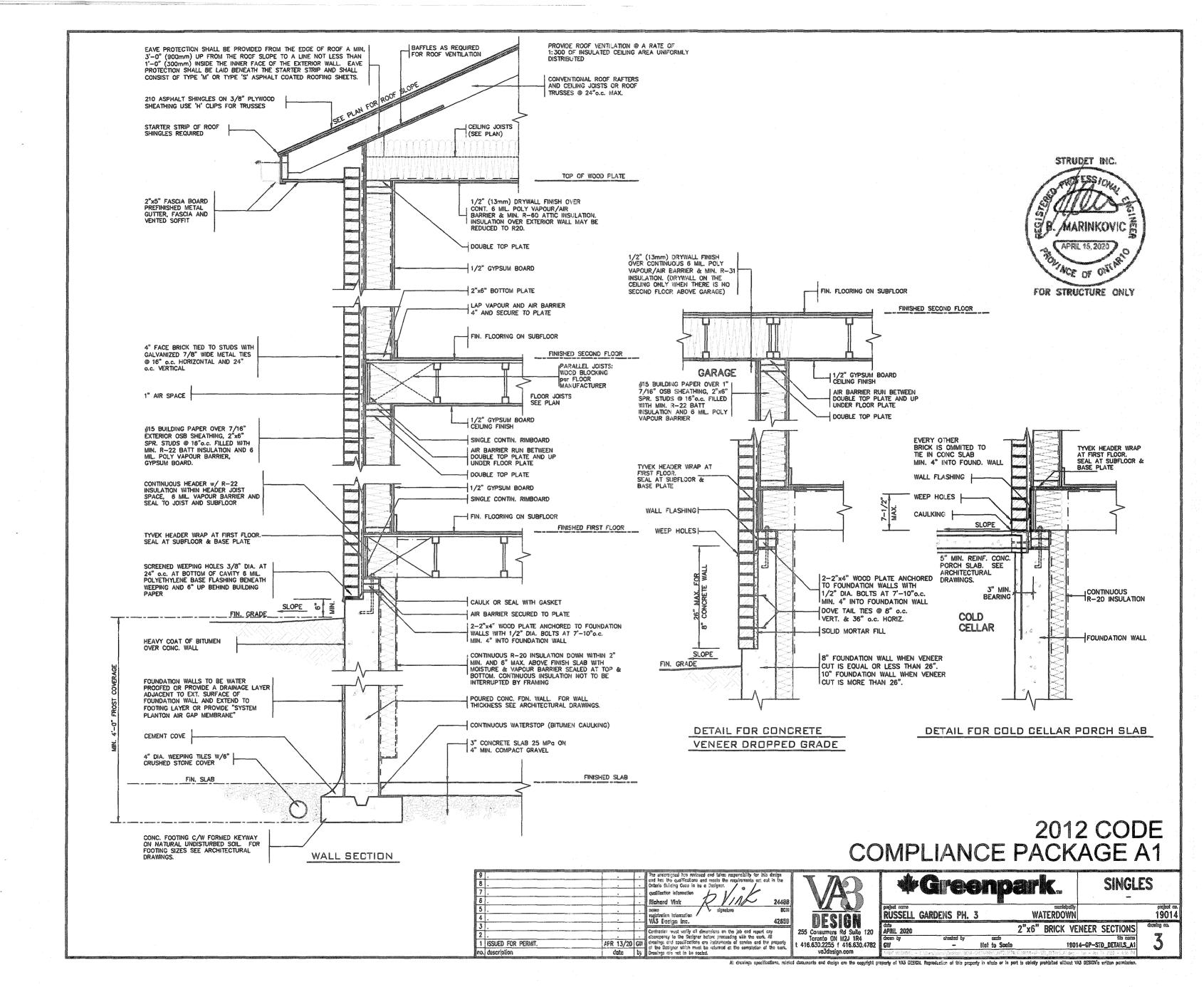
TYPICAL CONSTRUCTION NOTES GW 3/16" = 1'-0" GP-14X18-NOTES-2020-VA3-PKG-A1-19014

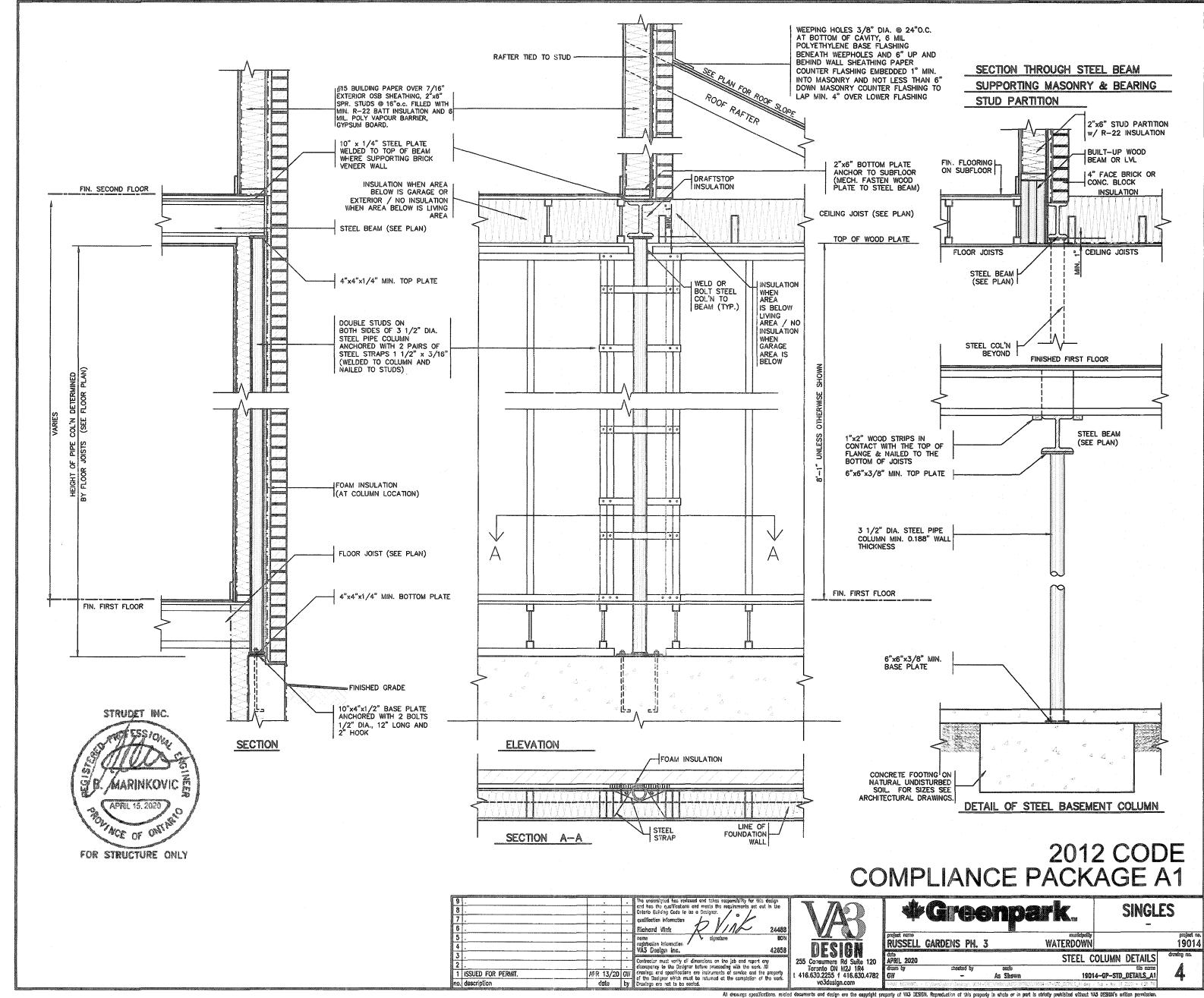
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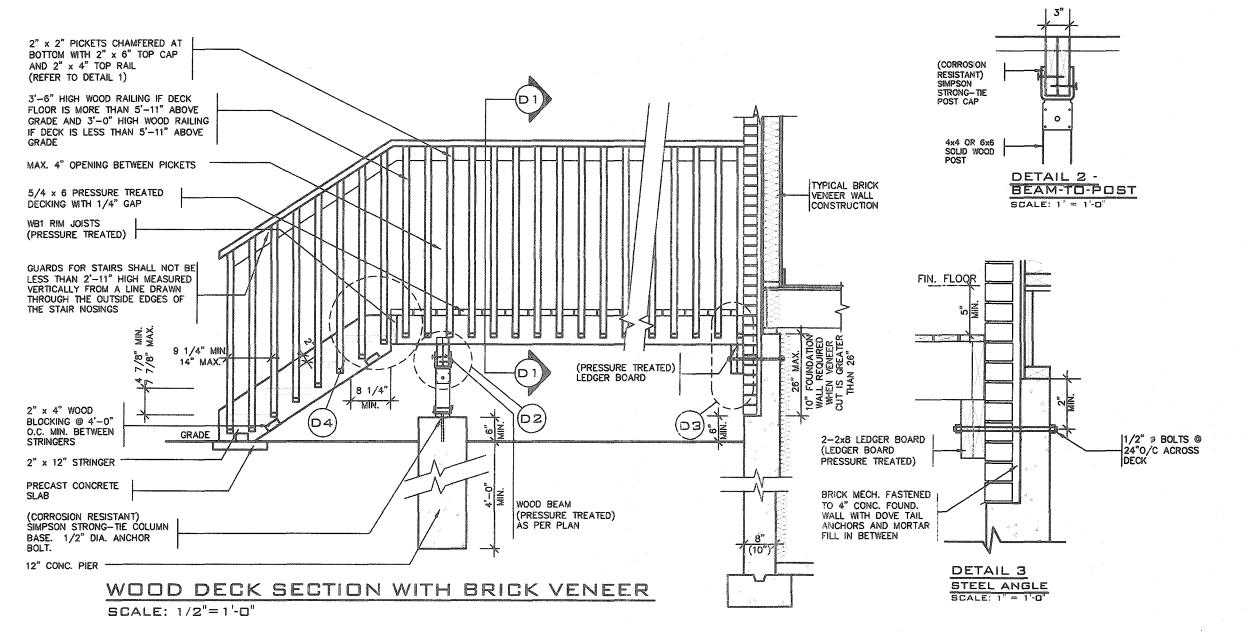
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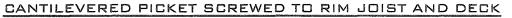


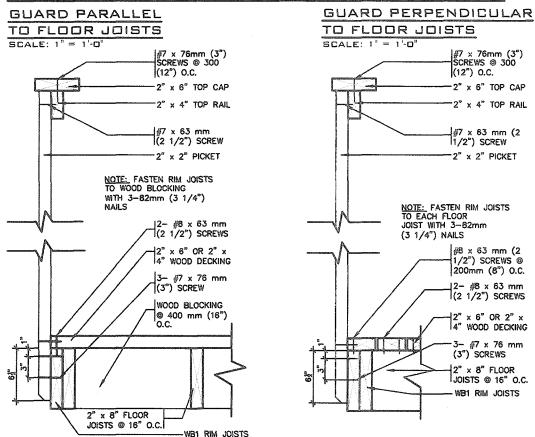


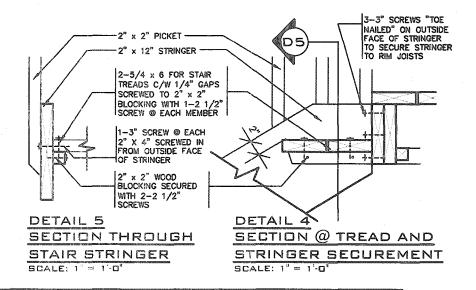




DETAIL 1







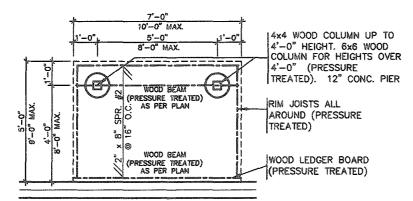
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GENERAL NOTES

- BRICK TO HAVE COMPRESSIVE STRENGTH OG 15mPa (2200 p.s.i) MIN.UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS. MORTAR TO BE TYPE 'S' WITH JOINT THICKNESS OF 10mm (3/8") MIN. AND
- 20mm (3/4") MAX. THE DECK HAS BEEN DESIGNED TO SAFELY SUPPORT A SUPERIMPOSED LOAD
- OF 1.9kPa. [40psf].
 ALL NAILS AND SCREWS TO BE GALVANIZED.
 WOOD FOR CANTILEVERED PICKETS SHALL BE DOUGLAS FIR—LARCH,
 SPRUCE—PINE—FIR, OR HEM—FIR SPECIES.
 CONCRETE SHALL HAVE COMPRESSIVE STRENGTH OF 20MPa. AT 28 DAYS AND
 5—8% AIR ENTRAINED.

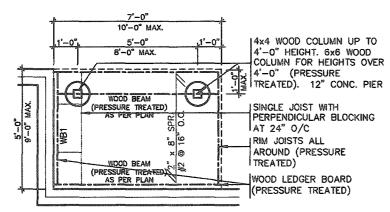
- FOOTING TO BE PLACED ON UNDISTURBED SOIL WITH MINIMUM BEARING PRESSURE OF 150kPa [3130psf].
- WB1= 2- 2"x8" (PRESSURE TREATED)
 WB3= 2- 2"x10" (PRESSURE TREATED)





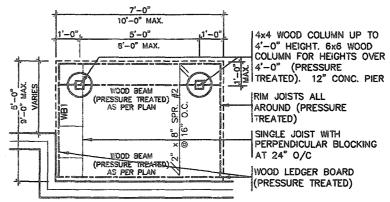
TYPICAL DECK LAYOUT

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



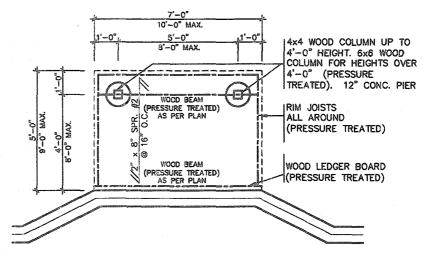
TYPICAL DECK LAYOUT

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

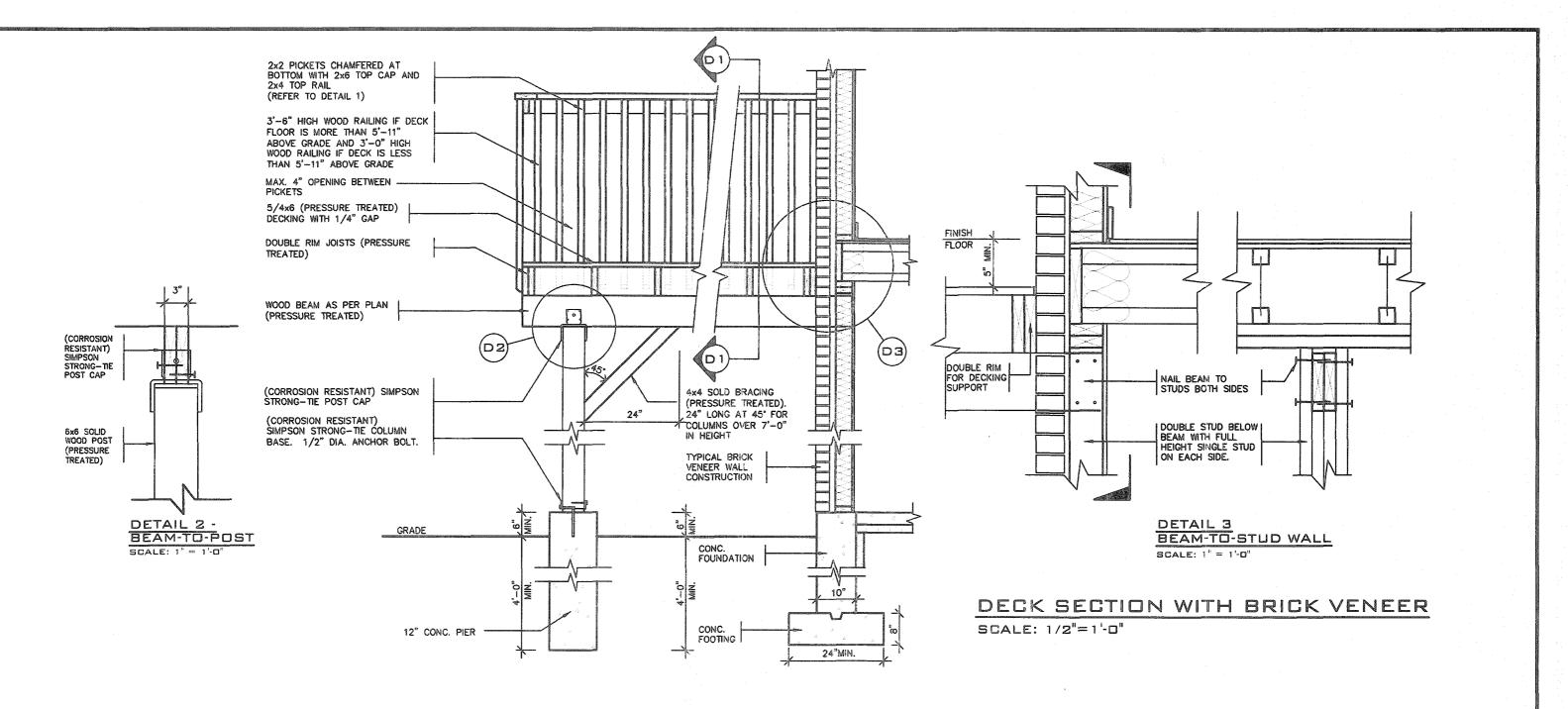
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STRUCET INC.

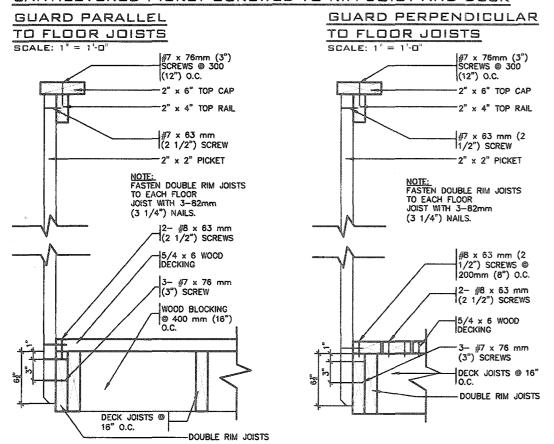
2012 CODE COMPLIANCE PACKAGE A1

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9 . 8 . 7 . 6 .			The undersigned has reviewed and takes responsibility for this design and has the qualifications and mosts the requirements set out in the Ontario Building Code to so a Designer. qualification information Richard Vink 24488	VAR		Gree	mpar		SI	NGLE	5
5 . 4 .		·	reme signoture BCN registration information VA3 Design Inc. 42658	DESIGN	PROSSELL	GARDENS PH. 3	W	/ATERDOWN			190 190
3 . 2		1.	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 Toronto ON M2J 1R4	date APRIL 2020 dress by	cheeled by	Secile .	MOOD	DECK P	PLANS	drowing r
1 ISSUED FOR PERMIT.	APR 13/20 date	Cij	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 socied.	t 416.630.2255 f 416.630.4782 va3design.com		- CNGsets\abor\Bestop\19014-69	As Shown	- 19014-	-GP-STD_DET		7



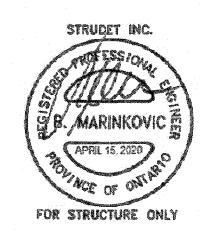
DETAIL 1 CANTILEVERED PICKET SCREWED TO RIM JOIST AND DECK



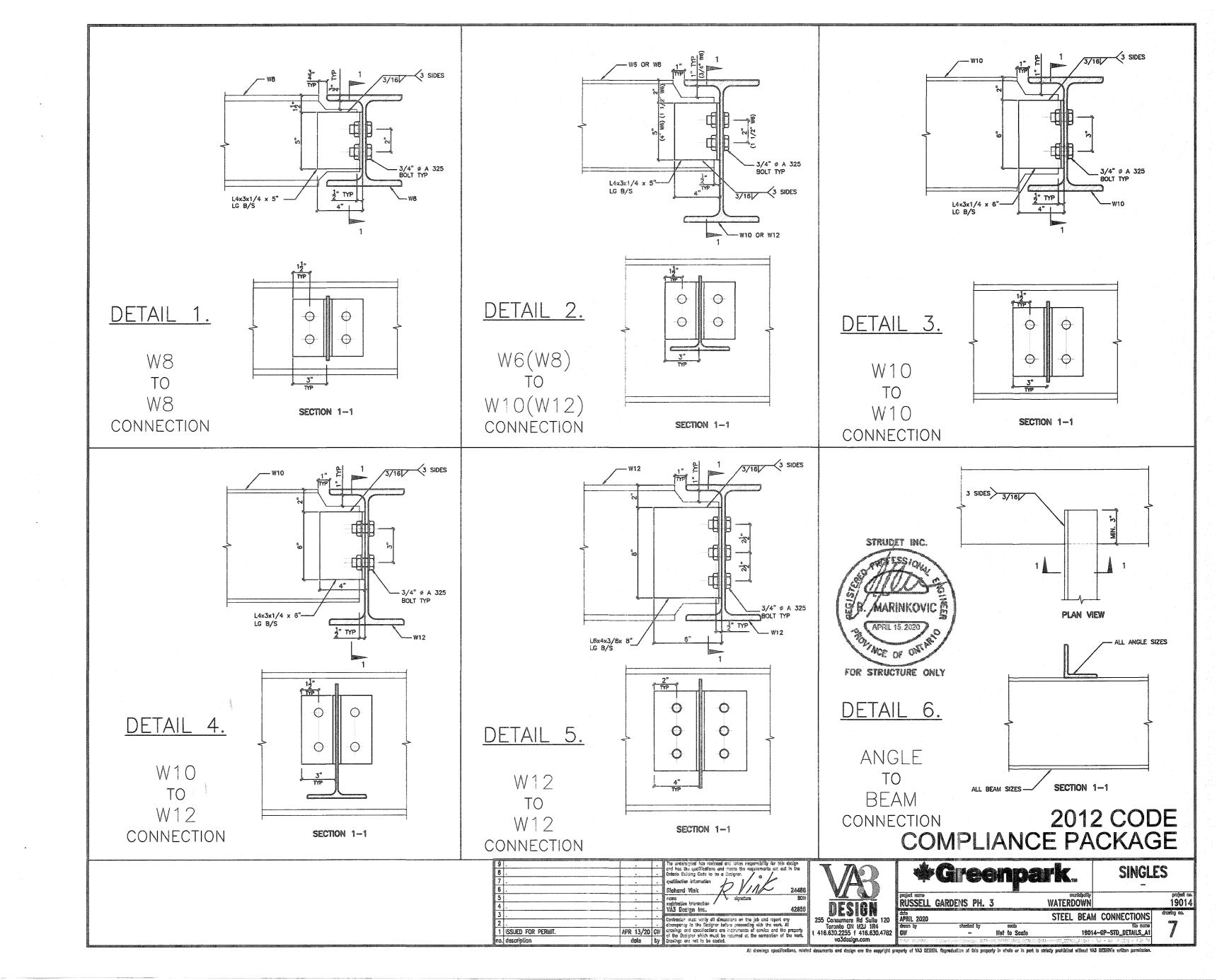
GENERAL NOTES

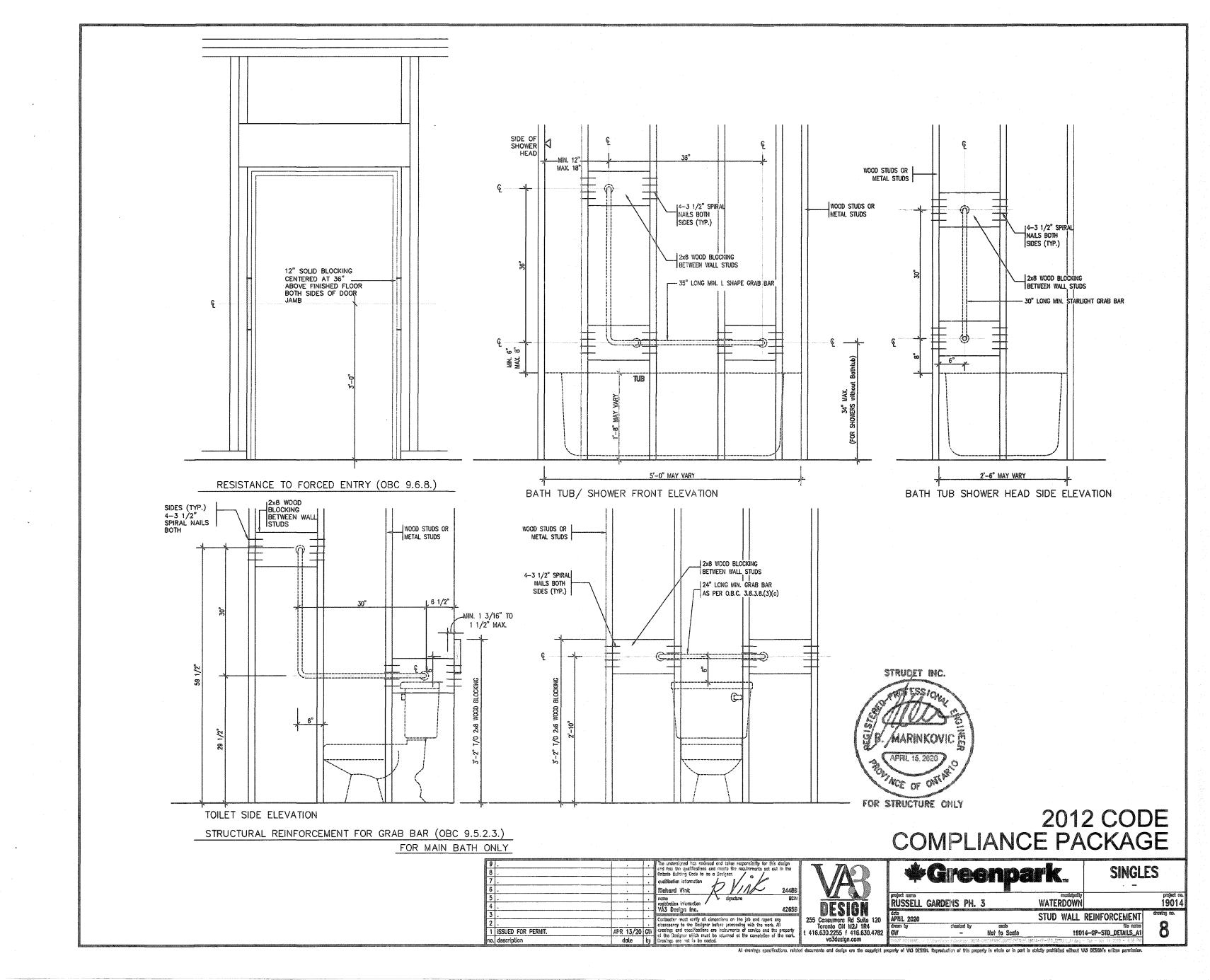
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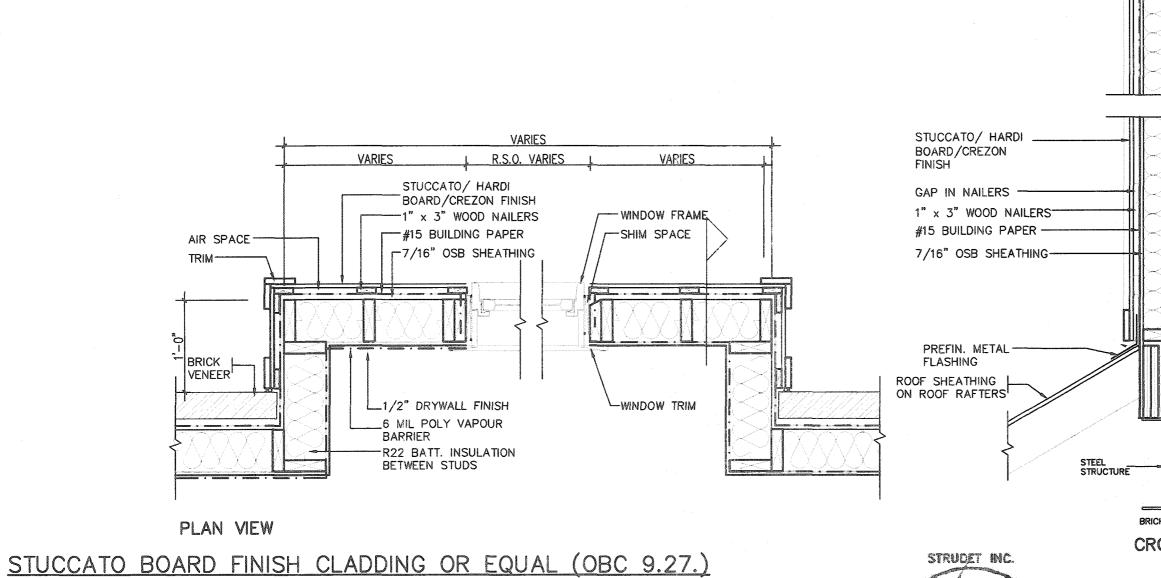
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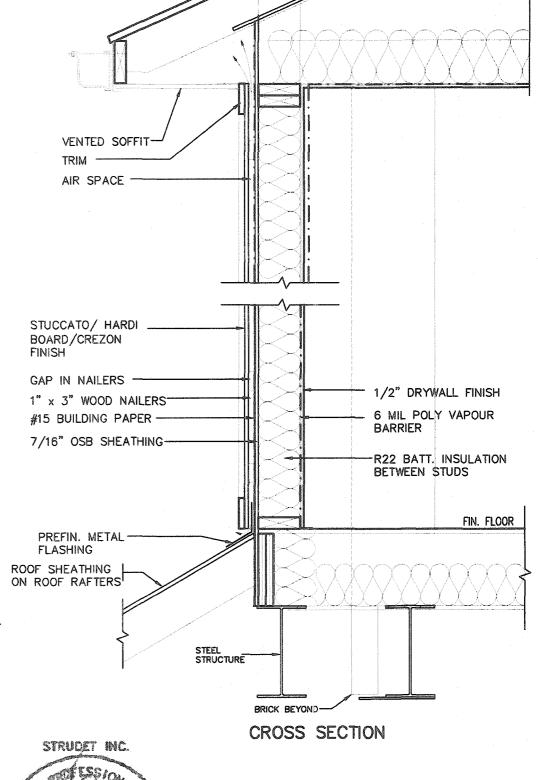


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B].			and has the qualifications and meets the requirements set out in the						SINGL	FS
7 .		Ī.	qualification information		34				250 11 A 480 1880	Sam And
i .		Ŀ	Richard Vink W /// 24488							
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			registration information / 42658	DESIGN	KOZZETT	GARDENS PH.	5	WATERDOWN	W. W	19014
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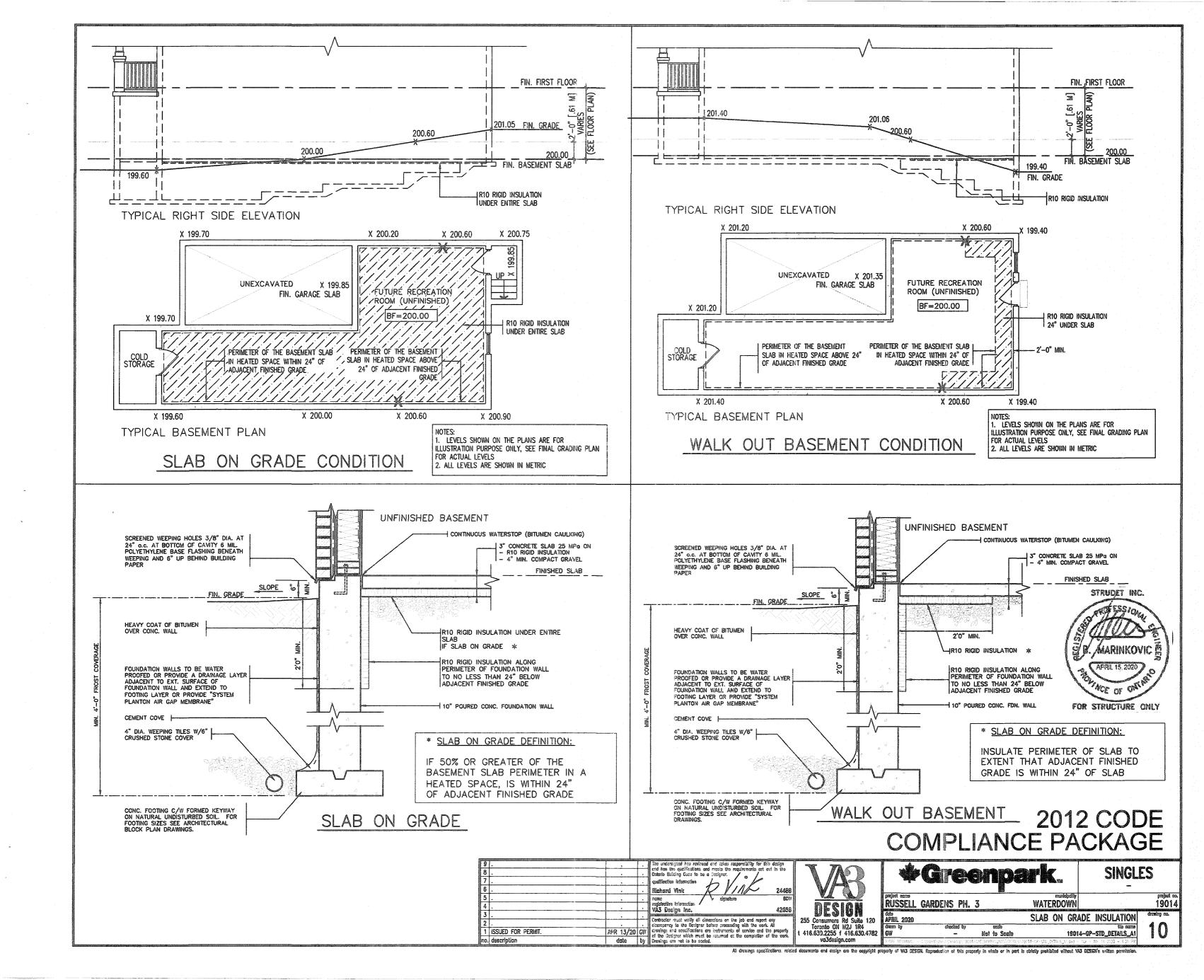
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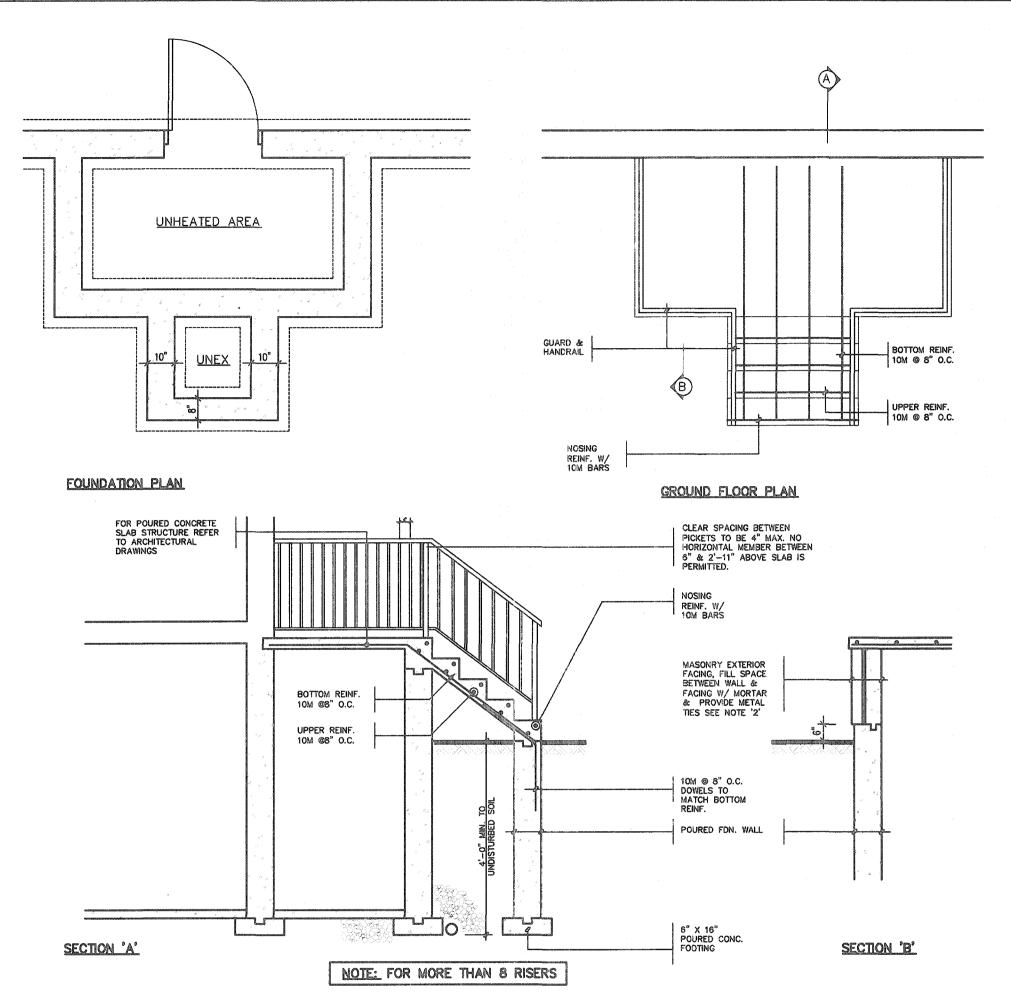
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TYPICAL ROOF CONSTRUCTION

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5 .		name signature SCIN		Project name RUSSELL GARDENS PH. 3 WATERDOWN 1901
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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.

ARE REQUIRED WHERE STEPS HAVE MORE THAN 3 RISERS . HANDRAIL HEIGHT $34^\circ-38^\circ$.

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

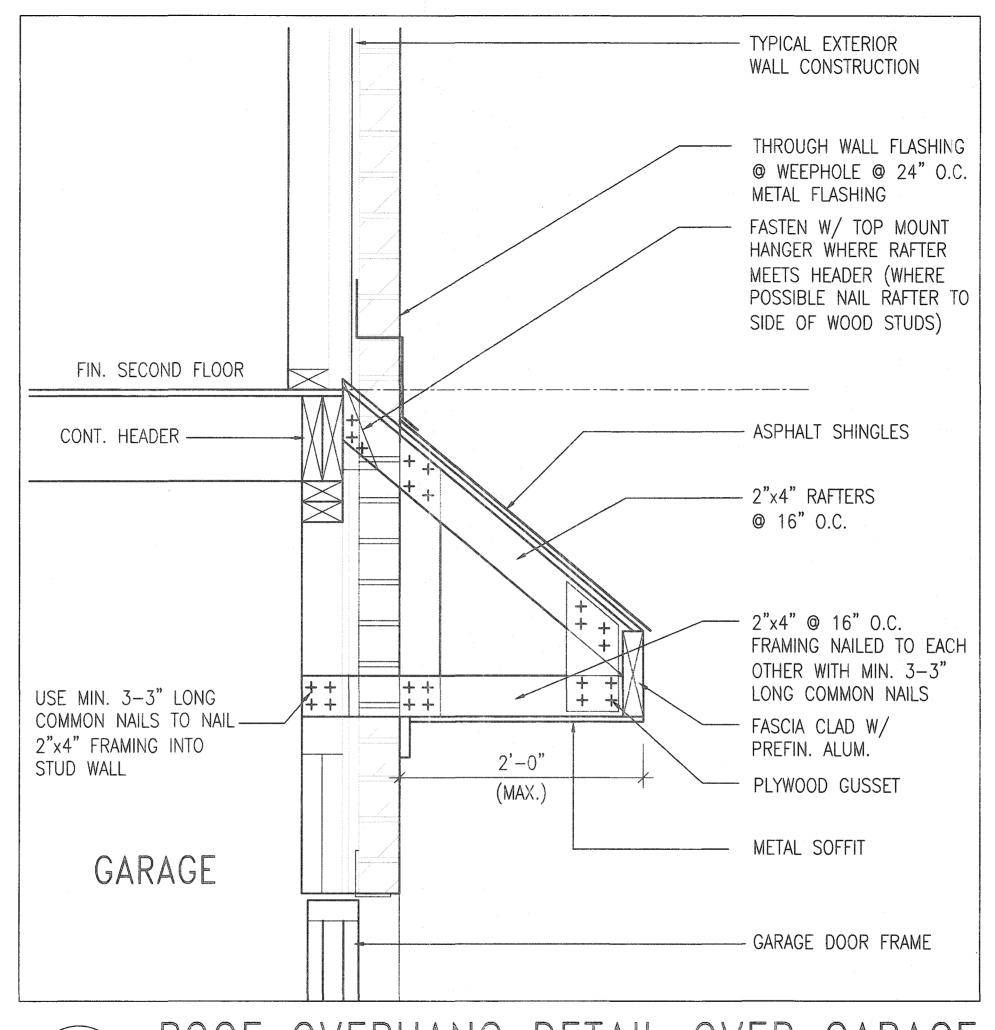
MINIMUM CONCRETE STRENGTH SHALL BE 4650 PSI [32MPa] W/ 5%-8% AIR ENTRAINMENT MINIMUM CONCRETE SLAB THICKNESS 5"

7. CONCRETE COVER

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



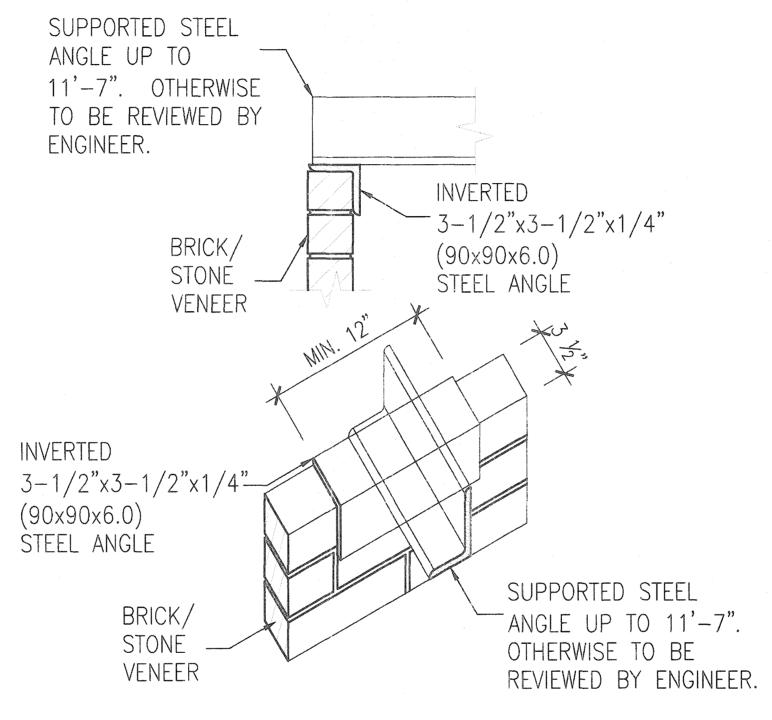


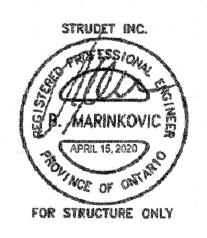




ROOF OVERHANG DETAIL OVER GARAGE

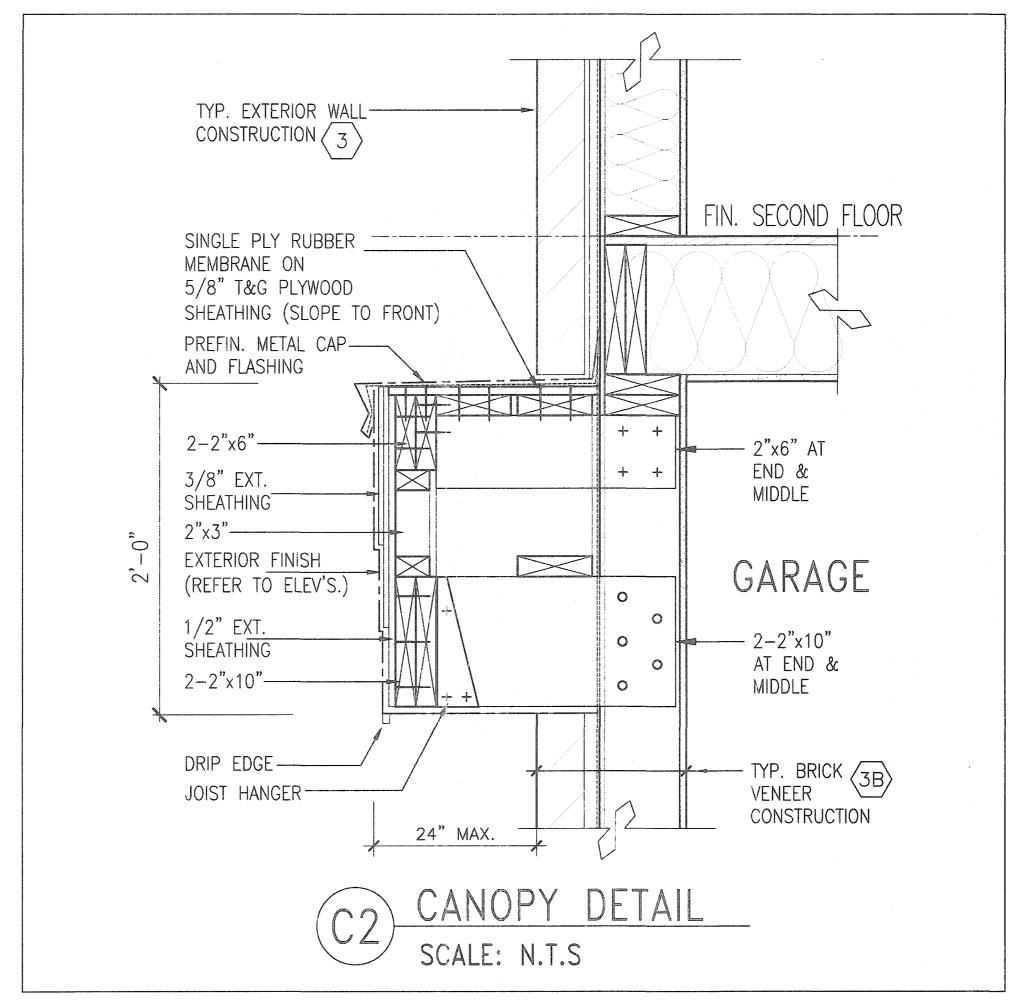
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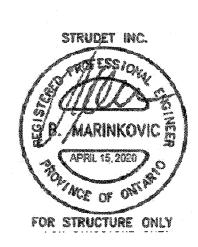




INVERTED STEEL ANGLE DETAIL

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