- ROOF CONSTRUCTION
 - NO.210 (10.25kg/m2) ASPHALT SHINGLES, 10mm (3/8°) PLYWOOD SHEATHING WITH "H" CLIPS. APPROVED WOOD TRUSSES @ 610mm (24") SHEATHING WITH "H" CLIPS. APPROVED WOOD TRUSSES & 6:10mm (24")

 O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 900mm (3'-0")

 FROM EDGE OF ROOF AND MIN. 300mm (12") BEYOND INNER FACE OF

 EXTERIOR WALL, (EAVES PROTECTION NOT REQ'D FOR ROOF SLOPES 8.12

 OR GREATER) 38489 (2"x4") TRUSS BRACING & 1830mm (6'-0") O.C.

 AT BOTTOM CHORD. PREFIN. ALUM. EAVESTROUGH, FASCIA, RWL &

 VENTED SOFFIT. PROVIDE ICE & WATER SHIELD TO ALL ROOF /WALL

 SURFACES SUSCEPTIBLE TO ICE DAMMING. ROOF SHEATHING TO BE

 FASTENED 150 (6") c/c ALONG EDGES & INTERMEDIATE SUPPORTS WHEN

 TRUSSES SPACED CREATER THAN 406 (16"). ATTIC VENTILIATION 1:300 OF

 INSULATED CEILING AREA WITH MIN. 25% AT EAVES & MIN. 25% AT RIOGE

 (OBC 9.19.1.2.).
- FRAME WALL CONSTRUCTION (2°x8°) (S8-12-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") C.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 OBG SB-12.
 CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMENTS
 FRAME WALL CONSTRUCTION (2"x4")— GARAGE WALLS
- (2B) SIDING AS PER ELEV., 19x38 (1°x2") VERTICAL WOOD FURRING, CONTIN.
 SHEATHING NEMBRANE, 11mm (7/16") EXT. TYPE SHEATHING OR OBC
 COMPLIANT EQUIVALENT, 38x89 (2°x4") STUDS © 406mm (16") O.C.
 (MAX. HEIGHT 3000mm (9"-10")), WITH APPR, DIAGONAL WALL BRACING.
 REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE GARAGE.
 SIDING TO BE MIN. 200mm (8") ABOVE FINISH GRADE.
- (2C) STUCCO WALL CONSTRUCTION (2°x6") (SB-12-TABLE 3.1.1.2.A)
 STUCCO CLADDING SYSTEM CONSTRUCTION TO A CONTRACT AND A CONTRACT STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.27.1.1.(2) & 9.26 THAT EMPLOY A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAWAGE TO THE EXT. AND APPLIED PER MANUFACTURERS SPECIFICATIONS ON 25mm (1") MIN. EXTRUDED OR EXPANDED RIGID POLYSTYRENE ON APPR. AIR/MOISTURE BARRIER ON 38x140 (2°x6°) FOLIST MEME OF APPEN. ARYMOSTONE BANKER OF SAFE (2.80) STUDS @ 406 (16") O.C., RSI 3.87 (R22) BATT INSUL., APPR. 6 MIL. POLYETH/LENE VAPOUR BARRIER, 13mm (1/2") GYPSUM BOARD INTERIOR FINISH, STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE. REFER TO OBC SB-12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION DEFAURDMENT.
- STUCCO WALL CONSTRUCTION (2"x4") —GARAGE WALLS, STUCCO CLADDING SYSTEM CONFORMING TO 0.B.C. 9.27.1.1.(2) & 9.28 THAT EMPLOY A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR AND APPLED PER MANUFACTURERS SPECIFICATIONS OVER 25mm (1") MIN. EXPANDED OR EXTRUDED RIGID POLYSTYRENE ON APPROVED AIR/MOISTURE BARRIER ON 38x89 (2"x4") (2D.) STUDS © 406 (16") O.C. (MAX. HEIGHT 3000mm (9'-10")), WITH APPR. DIAGONAL WALL BRACING, REFER TO NOTE 19 WHERE FLOOR EXISTS STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE.
- WALLS ADJACENT TO ATTIC NO CLADDING

 11mm (7/16) DXT 1YPE SHEATHING OR OBC COMPLIANT EQUIVALENT,
 38x140 (2°x6°) STUCS @ 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
 PEQ'D. IF NO SHEATHING APPLIED. REFER TO OBC SB-12, CHAPTER 3
 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS.
- BRICK VENEER CONSTRUCTION (27:6") (S8-12-TABLE 31.1.2.A) 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180xii.76mm (7/6"x7"x0.03") GALV. METAL TIES @ 408mm (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. AIR BARRIER. 13mm (1/2") INT. DRYVALL FINISH. PROVIDE WEEP HOLES © 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE EASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FRISH GRADE, REFER TO COE SE-12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMENTS
- BRICK VENEER CONSTRUCTION (2"x4")- GARAGE WALLS (3B) SORTM (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x">x0.03") GALV. METAL TIES @ 408mm (16") O.C. HORIZONTAL 610mm (24") O.C. VERTICAL. APPROVED SHEATHING PAPER, 11mm (7/16") EXTERIOR TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT, 35x88 (2"x4") STUDS @ 408mm (16") O.C. (MAX. HEIGHT 3000mm (9"-10")) WITH APPROVED DIAGONAL WALL BRACING, REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE 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°46") (SB-12-TABLE 3.1.1.2.A) STUCCO CLADDING SYSTEM CONFORMING TO 0.8.C. 9.27.1.1.(2) & 9.28
 THAT EMPLOYS A MINIMUM FORM AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS SPECIFICATIONS OVER 25mm (1") MIN. EXTRUDED OR EXPANDED RIGID POLYSTYRENE ON APPR. CONTIN. AIR/MOISTURE BARRIER ON 38x140 POL'STYRENE ON APPR. COMMN. ARYMOSISINE BARRIER ON 388140 (2°%6") STUDS © 406mm (16") O.C., RSI 3.87 (R22) BAT INSUL. APPR. 6 MIL POLYETHYLENE VAPOUR BARRIER, 13mm (1/2") CYPSUM WALLBOARD INTERIOR FINISH. STUCCO TO BE MIN. 200 (8") ASOVE FINISH GRADE. REFER TO OBC SB-12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMENTS.

STRUDET INC. FOR STRUCTURE ONLY

- INTERIOR STUD PARTITIONS
- FOR BEARING PARTITIONS 38x89 (2"x4") © 406mm (16") 0.C. FOR 2 STOREYS AND 305mm (12") 0.C. FOR 3 STOREYS, NON-BEARING PARTITIONS 38x89 (2"x4") © 610mm (24") 0.C. PROVIDE 38x89 (2"x4") № 610mm (24") 0.C. 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 DAMPPROCFING AND DRAINAGE LAYER. DRAINAGE LAYER Reo'd. When basement insul. Extends 900 (2'-11') below fin. Grade drainge layer is not reo'd. If foundation wall is WATERPRODIFED, MAXMAIM POUR HEIGHT 2390 (7"-10") ON 500x155 (20"x6") COMPHILIDIS REYED 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 2.4kPg. (50gst.) PER FLOOR. -REFER TO SOILS REPORT FOR SOIL CONDITIONS AND BEARING CAPACITY.

- 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. 25MPa (3600psi) CONC. SLAB ON 100mm (4") COARSE GRANULAR FILL, OR 20MPo. (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. & 9.30.2.1) -19mm (3/4") MIN. T & G SUBFLOOR UNDER GROUND FLOOR FINISH FLOW. (5/8") T&G SUBFLOOR UNDER SECOND FLOOR FINISH FLOOR. 16mm (5/8") PANEL-TYPE UNDERLAY FOR CERAMIC TILE APPLICATION. 6mm (1/4") PANEL-TYPE UNDERLAYMENT UNDER RESILIENT & PARQUET FLOORING.
- 9. ATTIC INSULATION (SB-12-TABLE 3.1.1.2.A) (SB-12-3.1.1.8)
 RSI 10 56 (R60) BLOWN IN ROOF INSULATION AND APPROVED VAPOUR BARRIER, 16mm (5/8") INT, DRYWALL FINISH OR APPROVED EQUAL RSI 3.52 (R20) MIN. ABOVE INNER SURFACE OF EXTERIOR WALL
- STAIRS/EXTERIOR STAIRS -OBC 8.8.
 DRM RISE -Smm (1/4") MAX BETWEEN ADJACENT TREADS

 OR LANDINGS -10mm (1/2") MAX BETWEEN TALLEST & SHORTEST RISE IN FLIGHT
- = 200 (7-7/8") MAX. RISE = 210 (8-1/4") = 235 (9-1/4") MIN. RUN MIN. TREAD
- = 1950 (6'-5") MIN. HEADROOM = 900 (2'-11") = 865 (2'-10") to 965 (3'-2") RAIL @ LANDING RAIL @ STAIR MIN STAIR WIDTH = 860 (2'-10")
- MIN. STAIR WIDTH = 860 (2'-10")

 FOR CURVED STAIRS
 MIN. RUN = 150 (6")
 MIN. AVG. RUN = 200 (8")

 HANDRAILS -ORC. B.B.Z.FRINHED RAING 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 --900mm (2'-11") MIN. HIGH

EXTERIOR GUARDS - CBC. 9.8.8. 900mm (36") HIGH GUARD WHERE DISTANCE FROM FURCH TO FIN.
GRADE IS LESS THAN 1600mm (71"). 1070mm (42") HIGH GUARD IS
REQUIRED WHERE DISTANCE EXCEEDS 1800mm (71").

SILL PLATE ANCHORAGE 30x89 (2°x4°) SIL PLATE WITH 13mm (1/2") DIA ANCHOR BOLTS
200mm (5") LONG, EMBEDDED MIN. 100mm (4") INTO CONC.

2400mm (7"-10") D.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 (SP-12-3.1.1.7), 9.25.23, 9.13.26) HASK MEPT INSULATION
FOUNDATION WALLS ENCLOSING HEATED SPACE SHALL BE INSULATED
FROM THE UNDERSIDE OF THE SUBFLOOR TO NOT MORE THAN 200mm
(8") ABOVE THE FINISHED FLOOR & NO CLOSER THAN 50mm (2") OF THE BASEMENT SLAB, RSI 3.52ci (R20ci) BLAHKET 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

BASEMENT BEARING STUD PARTITION BASEMENT BEABING STUD PARTITION

14. 38x89 (2"x4") STUDS @ 406mm (16") O.C. 36x89 (2"x4") SILL

PLATE ON DAMPPROOFING MATERIAL, 13mm (1/2") DIL ANCHOR

BOLTS 200mm (8") LONG, EMBEDDED MIN. 100mm (4") INTO

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

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

MID-HEIGHT IF WALL IS UNFINISHED.

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

(15A) STEEL COLUMN \$\text{SIREL_\$285_92878}\$
\$\text{90mm}(\frac{5}{2}, \frac{1}{2}^2) \text{ DA x 4.78mm}(\frac{9}{2}, \frac{188^n}{2}) \text{ STL COL WITH 100x160x6.0 } (\frac{4}{3}\xantle 4^n/4^n) \text{ TOP & BOTTOM PLATES. FIELD WELD EOTTOM PLATE TO \frac{1}{2}02x250x12.5 } (\frac{4}{3}\text{10}^nx1/2^n) \text{ BASE PLATE C/W} -12mm DIA x 300mm LONG x50mm HOOK ANCHORS (2-1/2"x12"x2"). THE COLUMN TO STUD WALL WITH 2-32x3.175 (1 1/4% 1/8") STEEL STRAP WELDED TO COLUMN AND FASTENED TO STUD WITH 2-90S 6.35x38 (1/4"x1 1/2") SCREWS MANUF. BY SMPSON STRONG TE.

- 16. BEAM POCKET OR 200x200 (8"x8") POURED CONC. NIB WALLS.
- 17) 19x38 (1"x2") CONTINUOUS WOOD STRAPPING BOTH SIDES OF STEEL BEAM. (CBC. 9.23.4.3.(3c))
- 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.
- (20) DOOR AND FRAME GASPROOFED, DOOR EQUIPPED WITH SELF CLOSING DEVICE AND WEATHERSTRIPPING PER OBC 9.10.13.15.
- EXTERIOR STEP
 PRECAST CONCRETE STEP OR WOOD STEP WHERE NOT EXPOSED TO WEATHER, MAX, RISE 200mm (7-7/8") MIN, TREAD 250mm (9-27/32°), SEE OBC, 9.8.9.2., 9.8.9.3. & 9.8.10.
- DRYER VENT(08C-6.2.3.8(7), & 6.2.4.1.1)
 CAPPED DRYER EXHAUST VENTED TO EXTENSOR. (USE 100mm (4") DIA SMOOTH WALL VENT PIPE).
- 23 INSULATED ATTIC ACCESS (060-9.19.21, & SB12-3.1.1.8)
 ATTIC ACCESS HATCH WITH MIN. DIMENSION OF 545x700mm ATTLE ACCESS PROFIT WITH MEAN AREA OF G.32 SQ.M. (3.44 SQ.FT.) WITH WEATHERSTRIPPING. RSI 3.52 (R20) RIGID INSULATION BACKING, SEE OSC 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.
- STEEL BEARING PLAXE FOR MASONRY WALLS
 280x280x16 (11"x11"x5/8") STL PLAYE FOR STL BEAMS AND
 280x280x12 (11"x11"x1/2") STL PLAYE FOR WOOD BEAMS
 BEARING ON CONC. BLOCK PARTYWALL, ANCHORED WITH 2-19rr (3/4") x 200mm (8") Long Galv. Anchors within solid block Course. Level with non-shrink grout.
- SOLID WOOD BEARING FOR WOOD STUD WALLS SOLD BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTED MEMBER. SOLID WOOD BEARING COMPRISED OF BUILT-UP WOOD STUDS TO BE CONSTRUCTED IN ACCORDANCE WITH OBC 9.17.4.2(2).
- CLASS '6' 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 UTUZARON CODE.
- BASEMENT WOOD FOST (ORG 9.17.4.)
 3-38x140 (3-2%6) BUILT-UP-FOST ON METAL BASE SHOE ANCHORED TO CONC. WITH 12.7 DIA. BOLT. 406x406x203 (16%16%8) CONC. FIG. OR AS OTHERWISE SPECIFIED ON DRAWING.
- STEPPED FOOTINGS (OBC 9.15.3.9.) MIN. HORIZ. STEP = 600mm (24"), MAX. VERT. STEP = 600mm (24").

LOOSE STEEL LINTELS

1 ISSUED FOR PERMIT

SLAP ON GRADE

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

COARSE GRANDLAR FILL. REINTORCED WITH 6x6-W2.9xW2.9 MESH
PLACED NEAR MID-DEPTH OF SLAB. CONC. STRENGTH 32 MPa

(4840 psi) WITH 5-88. AR ENTRANMENT ON COMPACTED

SUB-GRADE. UNDER SLAB INSULATION AS PER OBC. S3-12 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

LOSE STEPL LINES.

L1 = 3-1/2" x 3-1/2" x 1/4"L (90x90x6.0L)

L2 = 4" x 3-1/2" x 5/16"L (100:90x8.0L)

L3 = 5" x 3-1/2" x 5/16"L (125:90x8.0L)

L4 = 6" x 3-1/2" x 3/8"L (150x90x10.0L)

L5 = 6" x 4" x 3/8"L (150x100x10.0L)

L6 = 7" x 4" x 3/8"L (180x100x10.0L) PAD FOOTINGS LAMBATED VERTER LUMBER (LVL.) SEAMS =1-1 3/4°x7 1/4" (1-45x184) =2-1 3/4°x7 1/4" (2-45x184) =3-1 3/4°x7 1/4" (3-45x184) =4-1 3/4°x7 1/4" (4-45x184) =1-1 3/4°x8 1/4" (1-45x235) 24"x24"x12" CONCRETE PAD F4 = 28"x28"x12" CONCRETE PAD =4-1 3/4"x7 1/4" (4-45x184) =1-1 3/4"x9 1/4" (1-45x235) =2-1 3/4"x9 1/4" (2-45x235) =3-1 3/4"x9 1/4" (3-45x235) DOOR SCHEDULE

=4-1 3/4"x9 1/4" =1-1 3/4"x11 7/8 (4-45x235) (1-45x300 INSULATED ENTRANCE DOOF INSULATED FRONT DOORS WOOD & GLASS DOOR EXTERIOR SLAB DOOR INTERIOR SLAB DOOR = 1-1 3/4 x11 7/8 (1-45x300) = 2-1 3/4 x11 7/8" (2-45x300) = 3-1 3/4 x11 7/8" (3-45x300) = 4-1 3/4 x11 7/8" (4-45x300) = 2-1 3/4 x14" (2-45x356) = 3-1 3/4 x14" (3-45x356) LVL6 WOOD INTELS AND REAKS

The undersigned has reviewed and takes respond has the qualifications and meats the requirement of the property of the propert Vink Richard Vink 3 SB NOTE FURTHER DEFINED. DEC 03/20 GW Contractor must verify all dimensions or disorepancy to the Designer before pro-drawings and specifications are instrume of the Designer which must be returned 2 RE-ISSUET

APR. 13/20 GW

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 exhaust 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..

16mm (5/8") T & G SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERAMIC THE APPLICATION (* SEE OBC 9.30.6. *) 6mm (1/4") PANEL TYPE UNDERLAY UNDER RESILIENT & PARQUET FLOORING. (* SEE OBC

UNLESS A PANEL TYPE CEILING FINISH IS APPLIED. (* SEE OBC 9.23.9.4. *)

where the LD is less than 600mm (1'-11") the exposing face shall be clad in non-combustible material. See elevations for ADDITIONAL NOTES.

COLD CELLAR PORCH SLAB (OBC 9.39.)

GOLD CELLAR PORCH SLAB (OBC 9.39.)

36.) FOR MAX. 2500 mm (8"-2") PORCH DEPTH (SHORTEST DIM.), 125mm (4
7/8") 32MPG (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT. REINF.
WITH 10M BARS © 200mm (7 7/8") O.C. EACH WAY IN BOTTOM THIRD
OF SLAB, 600x600 (23 5/8"x 23 5/8") 10M DOWELS © 600mm (23
5/8") O.C., ANCHORED IN PERIMETER FDTN. WALLS. SLOPE SLAB MIN.
1.0% FROM DOOR. SLAB TO HAVE MIN 75mm (3") SEARING ON FDTN.
WALLS. PROVIDE (11) LINTELS OVER CELLAR DOOR AND WITH 100mm (4")
END SEARING.

THICK TO A MAX. DEPTH OF 660mm (26") AND SHALL BE TED TO THE FACING MATERIAL WITH METAL TIES SPACED 200mm (8") O.C. VERTICALLY AND 900mm (36") O.C. HORIZONTALLY, FILL SPACE BETWEEN WALL AND FACING SOLID WITH MORTAR.

TWO STOREY VOLUME SPACES -FOR A MAXIMUM 5490 mm (18"-0") HEIGHT AND MAXIMUM SUPPORTED ROOF TRUSS LENGTH OF 6.0m, PROVIDE 2-38x140 (2-2"x6") SPR. $\frac{4}{2}$ 2 CONTIN. STUDS @ 305mm (12") 0.C. (TRIPLE UP AT EVERY THRD DOUBLE STUD FOR BRICK WALLS) C/W 9.6 (3/8") THICK EXT. PLYWOOD SHEATHING. PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS @

EXPOSED FLOOR TO EXTERIOR (SB-12-TABLE 3.1.1.2.4)

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 @ 406mm (16") o.c. QR 38x89 (2"x4") STUDS @
305mm (12") o.c.

) MINIMUM BEDROOM WINDOW —OBC. 9.9.10.1— AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR S TO HAVE MINI. 0.35m2 UNOBSTRUCTED GLAZED OR OPENBBLE AREA WITH MINI. CLEAR

WINDOW GUARDS —OBC. 9.8.8.1.(6)

A GUARD IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS LOCATED. LESS THAN 480mm (1'-7") ABOVE FIN. FLOOR AND THE DISTANCE FROM THE FIN. FLOOR TO THE ADJACENT GRADE IS GREATER THAN 1800mm

(5'-11")
WINDOW WELLS -OBC. 9.14.6.3.
ALL WINDOW WELLS TO DRAIN TO FOOTING LEVEL PER OBC 9.14.6.3.

ALL WINDOW WELLS IN DAYON TO FOUND THE COLOR WITH THE LOCAL AUTHORITY.

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 8
O.B.C. SB-12-3.1.1.9. EXTERIOR SLIDING GLASS DOORS— THERMAL RESISTANCE ALL EXTERIOR SLIDING GLASS DOORS TO COMPLY WITH THERMAL

PERFORMANCE AS STATED IN O.S.C. SB-12-3.1.1.9.

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

STUD WALL REINFORCEMENT FOR FUTURE GRAB BAHS IN IMAIN BATHROOM REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATE CLOSETS AND SHOWER OR BATHTUB IN MAIN BATHROOM. REFER TO OBC. 9.5.2.3, 3.8.3.8.(3)(0), 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 0.8.C.-D.V. B, 9.25.3.

ALL AIR BOTTON THEY ARE SHALL BE LOCATED SO THAT THEY ARE SEPARATED FROM SOURCES OF CONTAMINATION (EXHAUST VENTS) IN COMPLIANCE WITH O.B.C. DIV.-B 6.2.3.12. AND TABLE 6.2.3.12.

UMBER:

) 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 LANGATED VENEER LUMBER (LVL.) BEAMS, GIRDLE TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTING ROOF FRANCIS TO BE DESIGNED & CERTIFIED BY ROOF TRUSS MANUF.

LVL. BEAMS SHALL BE 2.0E-2950FD MIN., NAIL EACH PLY OF LVL. WITH

89mm (3 1/2") LONG COMMON WIRE NAILS @ 300mm (12") O.C. STAGGERD IN 2 ROUS FOR 184,240 & 300mm (7 1/4",9 1/2", 11 7/8") DEPIN 5 AND STAGEDERD IN 3 ROWS FOR GREATER DEPTINS AND FO 4 FLY MEMBERS ADD 13mm (1/2") DIA GALV. BOLTS BOLTED AT

PROVIDE TOP MOUNT BEAM HANGERS TYPE "SCL" MANUFACTU SIMPSON STRONG—TIE OR EQUAL FOR ALL LIVL BEAM TO BEAU 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 FRESERVATIVE, IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONCRETE BY AT LEAST 2 mil. POLYETHYLENE FILM, No. 50 (45/bs.) ROLL ROUTING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MOMBER 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.

REINFORCING STEEL SHALL CONFORM TO CSA-G30-1816 GRADE 4008 STUCCO:

1) ALL STUCCO WALLS TO HAVE A MINIMUM 10/17/1/1 AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRANAGE TO THE EXTERIOR. THE EXTERIOR SHEARMING 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 OBC SUPPLEMENTARY STANDARD SB-12. SECTION 3.1.1.1.

USE SB-12 COMPLIANCE PACKAGE (A1): COMPONENT A1 Notes: of exterior walls Minimum RSI (R) value Ceiling without Attic Spi BATT or SPRAY num RSI (R) value 5.46 BATT or SPRAY (R31)
3.87
(R22) 6" R22 BATT
3.52ci OPTION TO USE
(R20ci) R12+R10ci. Walls Above Grade Minimum RSI (R) value Basement Wall Minimum RSI (R) value Edge of Below Grade Sta RIGID INSUL ≤600mm below grade Minimum RSI (R) value Windows & Sliding glas (0.49)Space Heating Minimum AFUE 96% Min. NATURAL CAS 0.66 NATURAL GAS Minimum EF 75% Minimum Efficiency Drain Water Heat Recovery Unit (DWHR)

LEGEND

SWITCH

Ф₆~

S EXHAUST FAN TO EXTERIOR CLASS 'B' VENT

⊕ \$ DUPLEX OUTLET (HEIGHT A.F.F) DUPLEX OUTLET (12" ABOVE SURFACE) GFI DUPLEX OUTLET (HEIGHT A.F.F)

WEATHERPROOF DUPLEX OUTLET POT LIGHT HEAVY DUTY OUTLET (220 voit) C LIGHT FIXTURI ф-LIGHT FIXTURE (CEILING MOUNTED)

LIGHT FIXTURE (WALL MOUNTED) ტ-HOSE BIB S FLOOR DRAIN

S.A. 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

JE FLAT ARCH TCA T CURVED ARCH M.C. MEDICINE CABINET

CONC. BLOCK WALL

SPECIAL WALL CONSTRUCTION SEE NOTE ON PLANS XXXXXX

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 "S9" REPRESENTS THE NUMBER OF FLES REQUIRED. EXAMPLE SB3 = 3 PLY SOLID BEARING.

SOLID WOOD BEARING TO MATCH FROM ABOVE

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

SMOKE ALARM (REFER TO OBC 9.10.19) PROVIDE 1 PER FLOOR. NEAR THE STATES CONNECTING THE FLOOR LEVEL AND ALSO 1 IN EACH BEDROOM NEAR HALL DOOR. ALARMS TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND INTERCONNECTED OF ACTIVATE ALL ALARMS IT SOUNDS. BATTERY BECK—UP REQUIRED. SMOKE ALARMS TO INCORPORATE VISUAL SIGNALLING COMPONENTS.

- CARBON MONOXIDE ALARM (OBC 9.33.4.) WHERE A FUEL -BURNING APPLIANCE IS INSTALLED IN A DIVELLING UNIT, I CARBON MONDXIDE DETECTOR CONFORMING TO CAM, CCA-6.19,CSA 6.19 OR UL2034 SHALL BE INSTALLED ADJACENT TO EACH SLEEPING AREA. CARBON MONOXIDE DETECTOR(S) SHALL BE PERMANENTLY WIRED SO THAT ITS ACTIVATION WILL ACTIVATE ALL CARBON MONOXIDE DETECTORS AND BE EQUIPPED WITH AN ALARM THAT IS AUDIBLE WITHIN BEDROOMS WHEN THE INTERVENING DOORS ARE CLOSED.

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

DRAIN WATER HEAT RECOVERY UNIT (DWHR) PER STATE DEAL REGISTERS UNTIL (DWHR)
PER SE12-3, 1-12, A-DRAIN, WATER HEAT RECOVERY (DWHR)
UNIT SHALL DE INSTALLED IN BEZON DWHLING UNIT TO RECEIVE
DRAIN WATER FROM ALL SHOWERS OR FROM AT LEAST TWO
SHOWERS WHERE DIETE NEETWO DRAINGSROWERS IN THE
DWELLING UNIT. DOES NOT APPLY IT THERE ARE NO SHOWERS OR
NO STOREY BENEATH ANY OF THE SHOWERS.

THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

NE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LA

CONTRACTOR MUSTIC VERIFY, ALL DIMENSIONS ON THE JOB AND REPORT ANY DISCREPANCY TO VAS DESIGN INC. BEFORE PROCEEDING WITH THE WORLD AND ADECIDING ADECUATIONS ADECUATIONS OF THE WORLD CONTRACTOR OF THE WORLD CONTRACTOR OF T 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.

> SR-12 COMPLIANCE PACKAGE 'A1' TO BE USED FOR THIS MODEL The minimum thermal performance of building envelope and equipment shall conform to the selected package unless otherwise noted.

REVISION: ONT. REG. 332/12-2012 OBC Amendment O. Reg. 88/19 JAN. 01, 2020

PACKAGE

SINGLES

Greenpark.

TYPICAL CONSTRUCTION NOTES

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

APRIL 2020 GW

(3C)

PROFESSIONAL B. MARINKOVIC E DEcember 4/20200 ENTINCE OF ONTA

CONCRETE PILASTER MIN. BEARING 90mm (3-1/2") GARAGE SLAB INTERIOR GARAGE WALLS & CEILINGS (SB-12-TABLE 3.1.1.2.A)
13mm (1/2") GYPSUM BOARD ON WALL AND CEILING BETWEEN HOUSE AND GARAGE, RSI 3.87 (R22) IN WALLS, RSI 5.46 (R31) IN GELING. TAPE AND SEAL ALL IDENTS ANTIGHT PER O.B.C. 9.10.9.16. REFER TO S.B.-12. TABLE 3.1.1.2.A. FOR REQUIRED THERMAL INSULATION.

32) DIRECT VENTING GAS FURNACE VENT DIRECT VENT FURNACE TERMINAL MIN. 900mm (36") FROM A GAS 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 UTILIZATION CODE JOIST STRAPPING AND BRIDGING (SEE OBC. 9.23,9.4) TYPE ONDERLAY UNDER RESILIENT & PANQUET FLOORING. (* SEE OBU 9.30.2.*)

9.30.2.*)

FLOOR JOISTS WITH SPANS OVER 2100mm (6*-11") TO BE BRIDGED
WITH JBx38 (2*x2") CROSS BRACING OR SOULD 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.

EXPOSED BUILDING FACE —OBC. 9.10.15.

EXTERIOR WALLS TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAY 45 min. WHERE LIMITING DISTANCE (LD) IS LESS THAN 1.2M (3'-11").

BRICK CHECK THE FDTN. WALL SHALL NOT BE REDUCED TO LESS THAN 90mm (3-1/2")
THE FDTN. WALL SHALL NOT BE REDUCED TO LESS THAN 90mm (3-1/2")
THE FDTN. WALL SHALL NOT BE REDUCED TO LESS THAN 90mm (3-1/2")

CONVENTIONAL ROOF FRAMING (2.0Kpg. SNOW LOAD) 38 38x140 (2"x6") RAFTERS @ 408mm (18"0.C.) FOR MAX 11"-7" SPAN, 38x184 (2"x6") RIDGE BOARD. 38x89 (2"x4") COLLAR TIES AT MIDSPANS.
CEILING 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 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.

SHEATHMS. PROVIDE SOLID WOUD BLOCKING BETWEEN WOUD STOLDS TO 1220 mm (4"-0") O.C. VERTICALLY. P-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 + 1-38x140 (1-2"x6") BOTTOM PLATE & MINIMUM OF 3-38x184 (3-2"x8") CONT. HEADER AT GRID. CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES AND HEADERS.

PROVIDE RSI 5.46 (R31) INSULATION, APPROVED VAPOUR BARRIER AND CONTINUOUS AIR BARRIER, FINISHED SOFFIT.

120 KPa. MATIVE SOIL 90 KPa. ENGINEERED FILL SOIL F1 = 42°x42°x18° CONCRETE PAD F1 = 48°x48°x20° CONCRETE PAD = 36"x36"x16" CONCRETE PAD F2 = 40"x40"x16" CONCRETE PAD 30"x30"x12" CONCRETE PAD F3 = 34"x34"x14" CONCRETE PAD

= 16"x16"x8" CONCRETE PAD F5 = 18"x18"x8" CONCRETE PAD (REFER TO FLOOR PLAN FOR UNUSUAL SIZE PADS NOT ON CHART.)

BACK VENEER UNTELS =3-1/2" x 3-1/2" x 1/4°L (89x89x6.4L) =4" x 3-1/2" x 5/16"L (102x89x7.9L) 2-2"x8" SPR. No.2 2-2"x8" SPR. No.2 =2-2"x8" (2-38x184) SPR. No.2 =3-2"x8" (3-38x184) SPR. No.2 65/16"L (127::89x7.9L) =2-2"x10" (2-38x235) SPR. No.: 3-1/2" x 7/16"L (152x89x11.0L) =3-2"x10" (3-38x235) SPR. No.2 ### =3-2 x10 (3-36x235) SPR. No.2 ### =2-2 x12° (2-38x286) SPR. No.2 ### =3-2 x12° (3-38x286) SPR. No.2 ### =5-2 x12° (5-38x286) SPR. No.2 ### =4-2 x10° (4-38x235) SPR. No.2 #### =4-2 x12° (4-38x286) SPR. No.2 102x11.0L WIS =5" x 3-1/2" x 5/16"1 /127×89×7 QL)

42658 ensions on the job and report any store proceeding with the work. All instruments of service and the property or returned at the completion of the work. 255

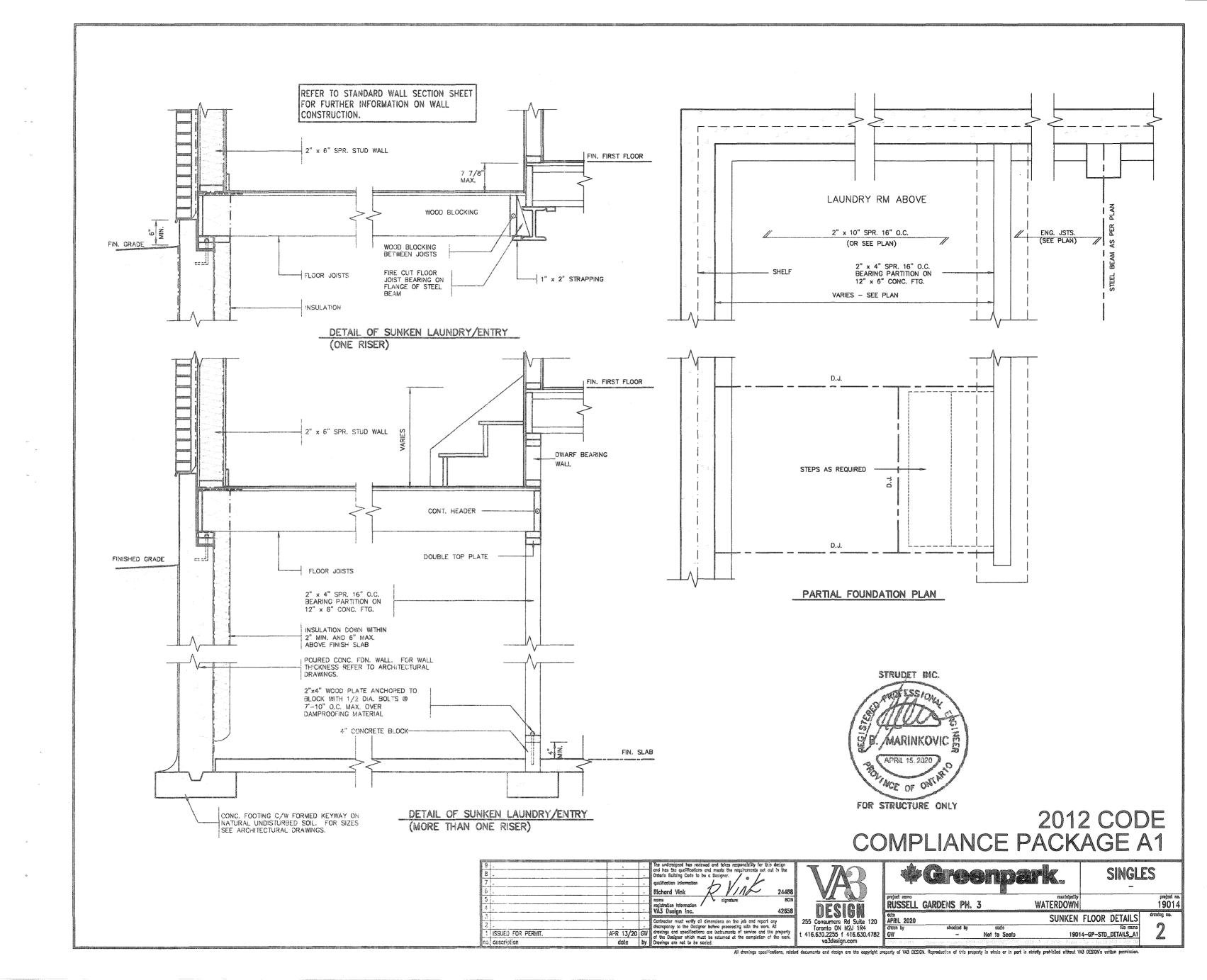


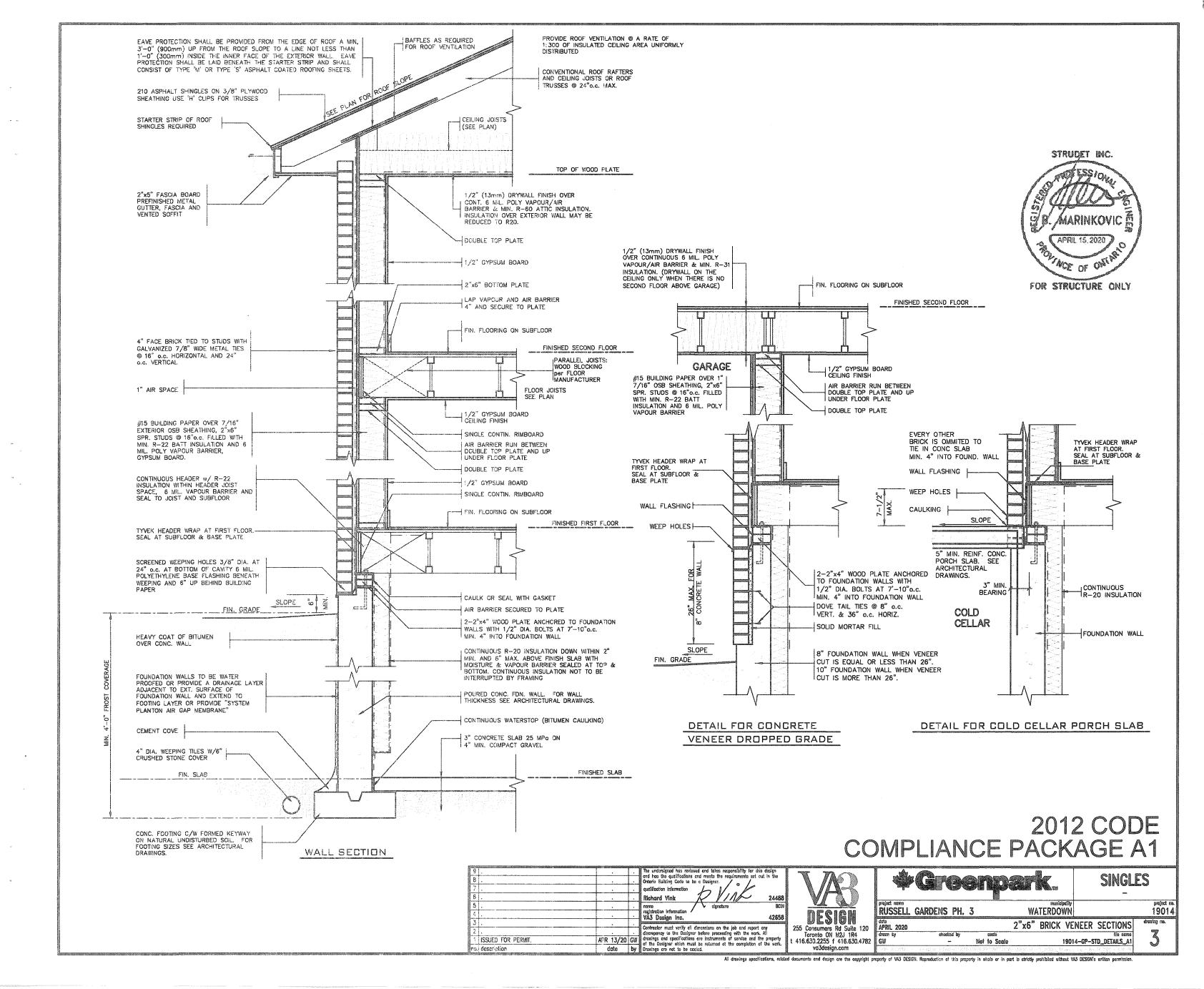
RUSSELL GARDENS PH.3

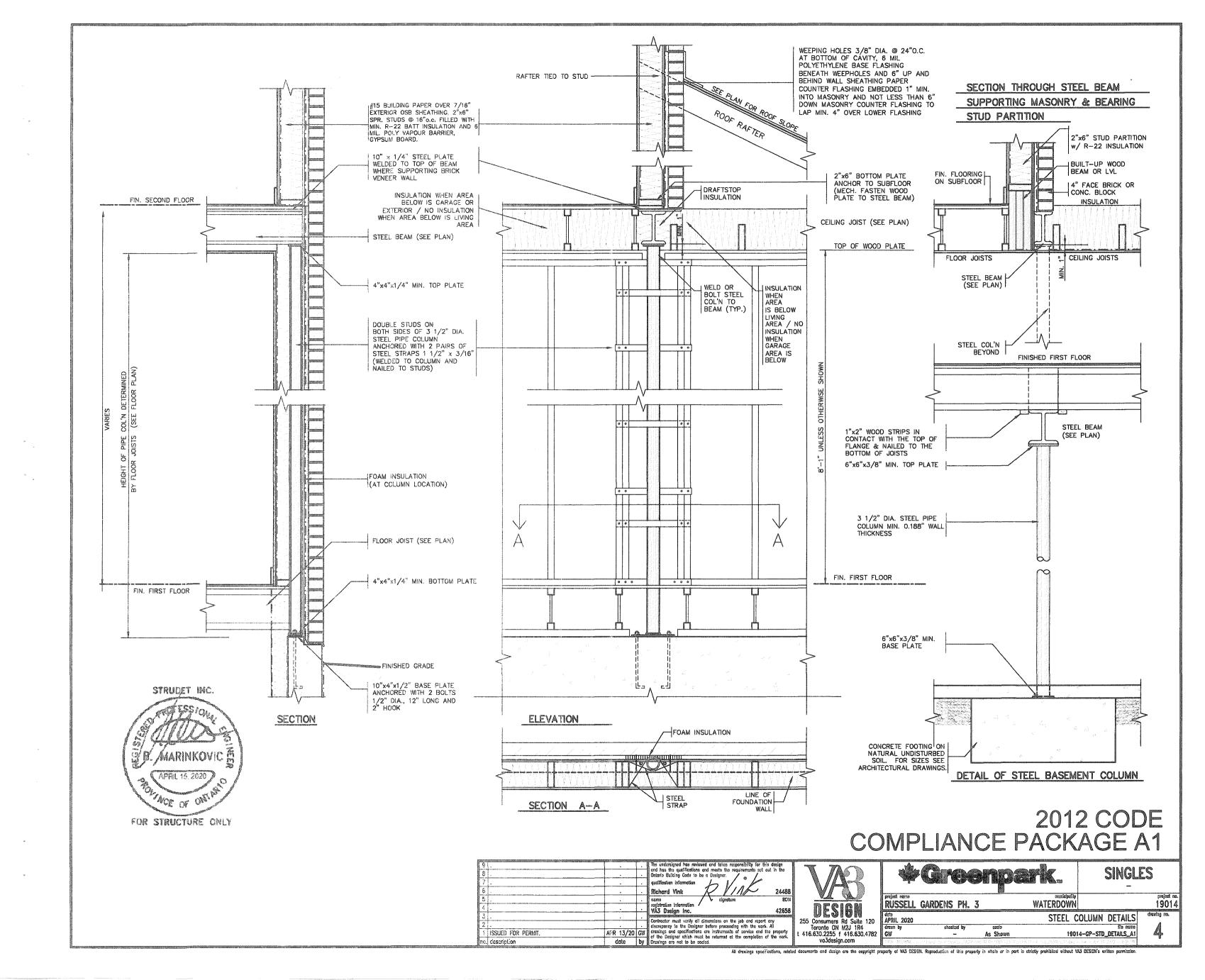
Dependent on number of shouses installed. Refer to SB12-3.1.1.12 for information

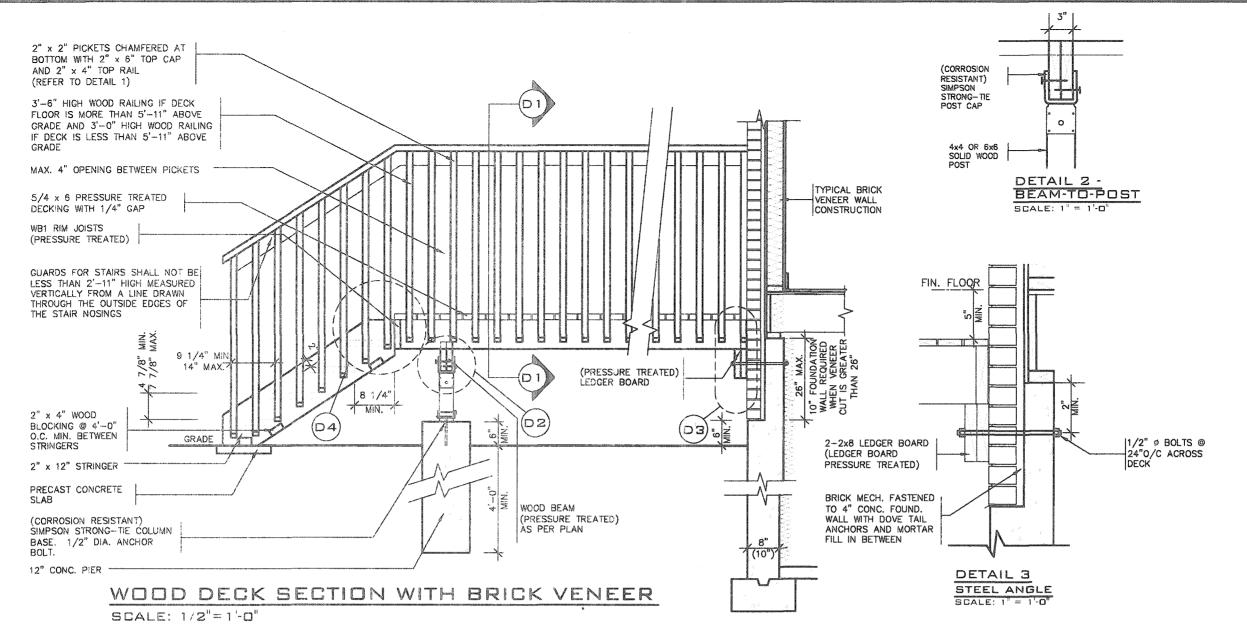
WATERDOWN

project no. 19014



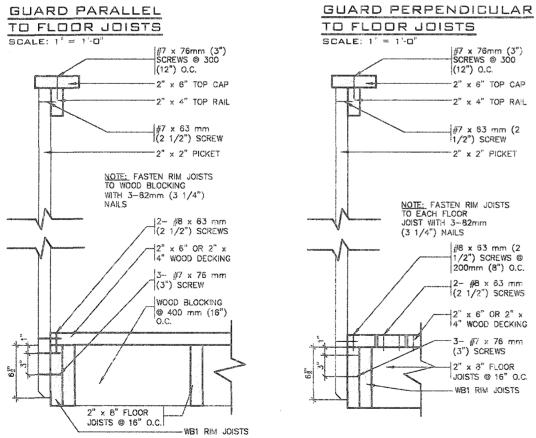


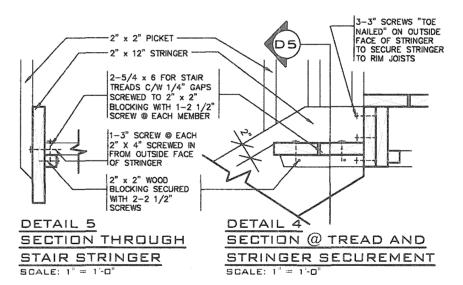




DETAIL 1

CANTILEVERED PICKET SCREWED TO RIM JOIST AND DECK





STRUDET INC. **MARINKOVIC** OF 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].

- ALL NAILS AND SCREWS TO BE GALVANIZED.

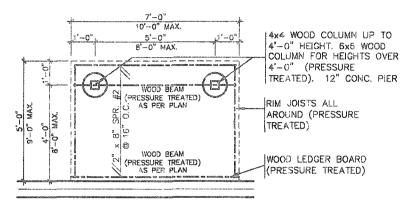
 WOOD FOR CANTILEVERED PICKETS SHALL BE DOUGLAS FIR-LARCH,

 SPRUCE-PINE-FIR, OR HEM-FIR SPECIES.

 CONCRETE SHALL HAVE COMPRESSIVE STRENGTH OF 20MPa. AT 28 DAYS AND

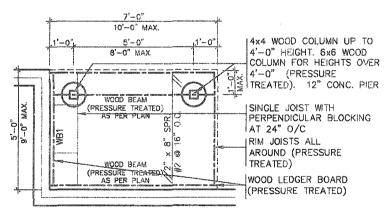
 5-8% AIR ENTRAINED. FOOTING TO BE PLACED ON UNDISTURBED SOIL WITH MINIMUM BEARING
- WB1= 2- 2"x8" (PRESSURE TREATED)
 WB3= 2- 2"x10" (PRESSURE TREATED)

9 8 7	-			The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer. qualification information	1/2		Greenpa		SINGL	ES
5	-		· ·	Richard Vink 24488 name registration information become special procession information information information information because 42658 42658	DESIGN TO THE PROPERTY OF THE	Secretary Commission	GARDENS PH. 3	WATERDOWN		project no 19014
3 2 1 no		APR 13/20 date		Contractor must verify all dimensions on the job and report any discrepancy to the Designar before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designar which must be returned at the completion of the work. Drawings are not to be scaled.	255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com	dete APRIL 2020 drawn by GW	checked by south - As Shown - Otherwise of court (All 1991 (All 1991) (All 1991)		D DECK DETAILS file name 14-GP-STD_DETAILS_A1	drawing no. 5



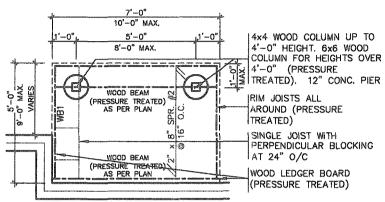
TYPICAL DECK LAYOUT

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



TYPICAL DECK LAYOUT

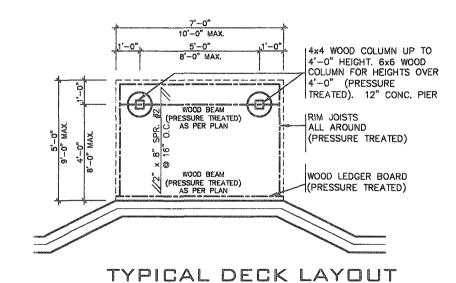
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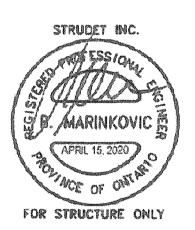


TYPICAL DECK LAYOUT

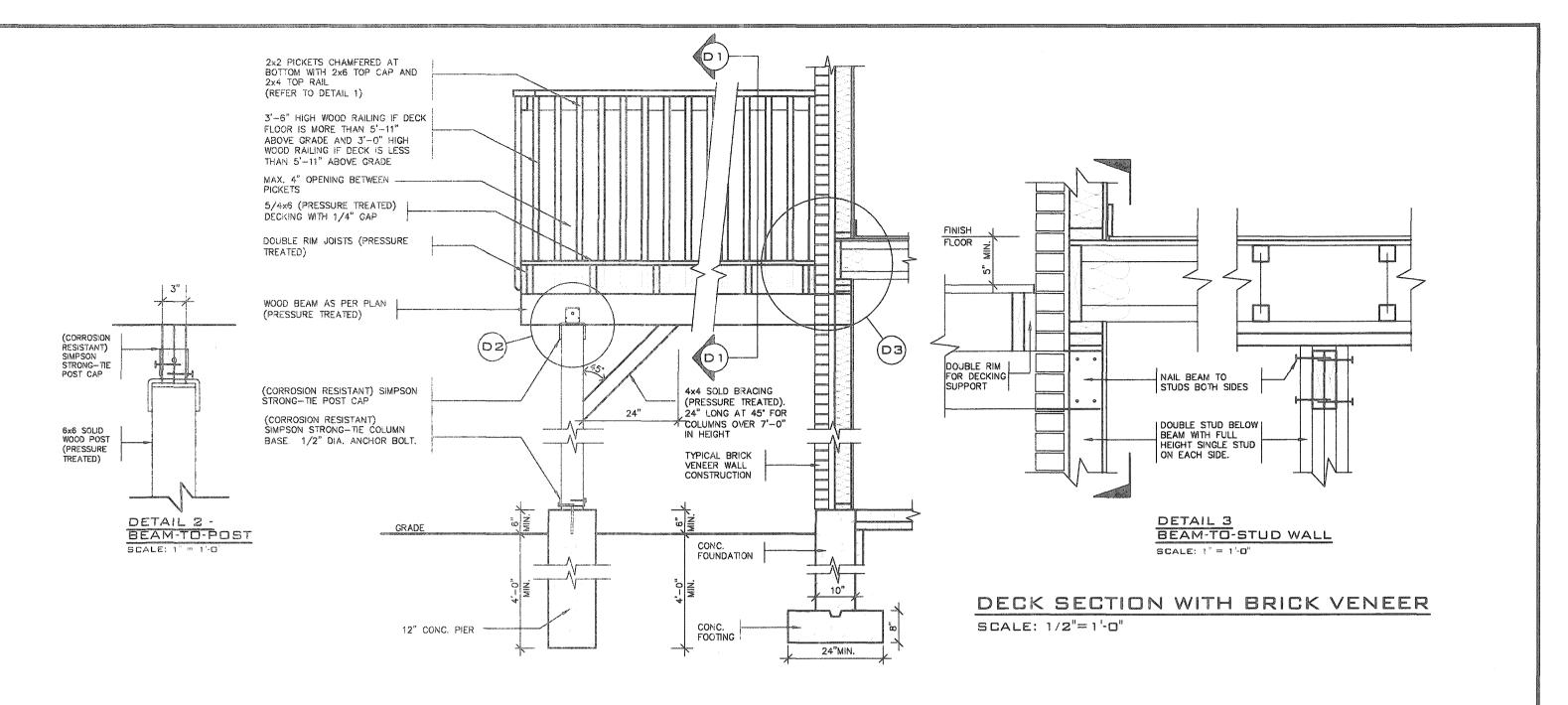
SCALE: 1/4"=1'-0"

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

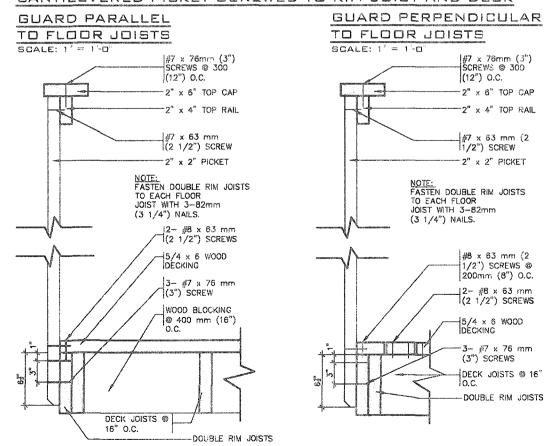




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5 4			Ŀ	nome dignature BCB registration information VAS Design Inc. 42658		RUSSELL	GARDENS PH. 3	3 W/	ATERDOWN		prejec 190 draving no.
	ISSUED FOR PERMIT.	APR 13/20	† .	Contractor must varify all dimensions on the job and report any discrepancy to 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 completion of the work.	255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com	APRIL 2020 dress by GW	chooled by	soule As Shown	19014-	DECK PLANS File frame -GP-STD_DETAILS_A1	5-
no.	; description	date	l pà	Drawings are not to be scaled. All drawings specifications, rela	ted documents and design are the copyright or	operty of VA3 DES				DESIGN's written permission.	



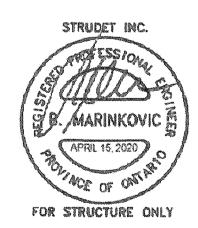
DETAIL 1 CANTILEVERED PICKET SCREWED TO RIM JOIST AND DECK



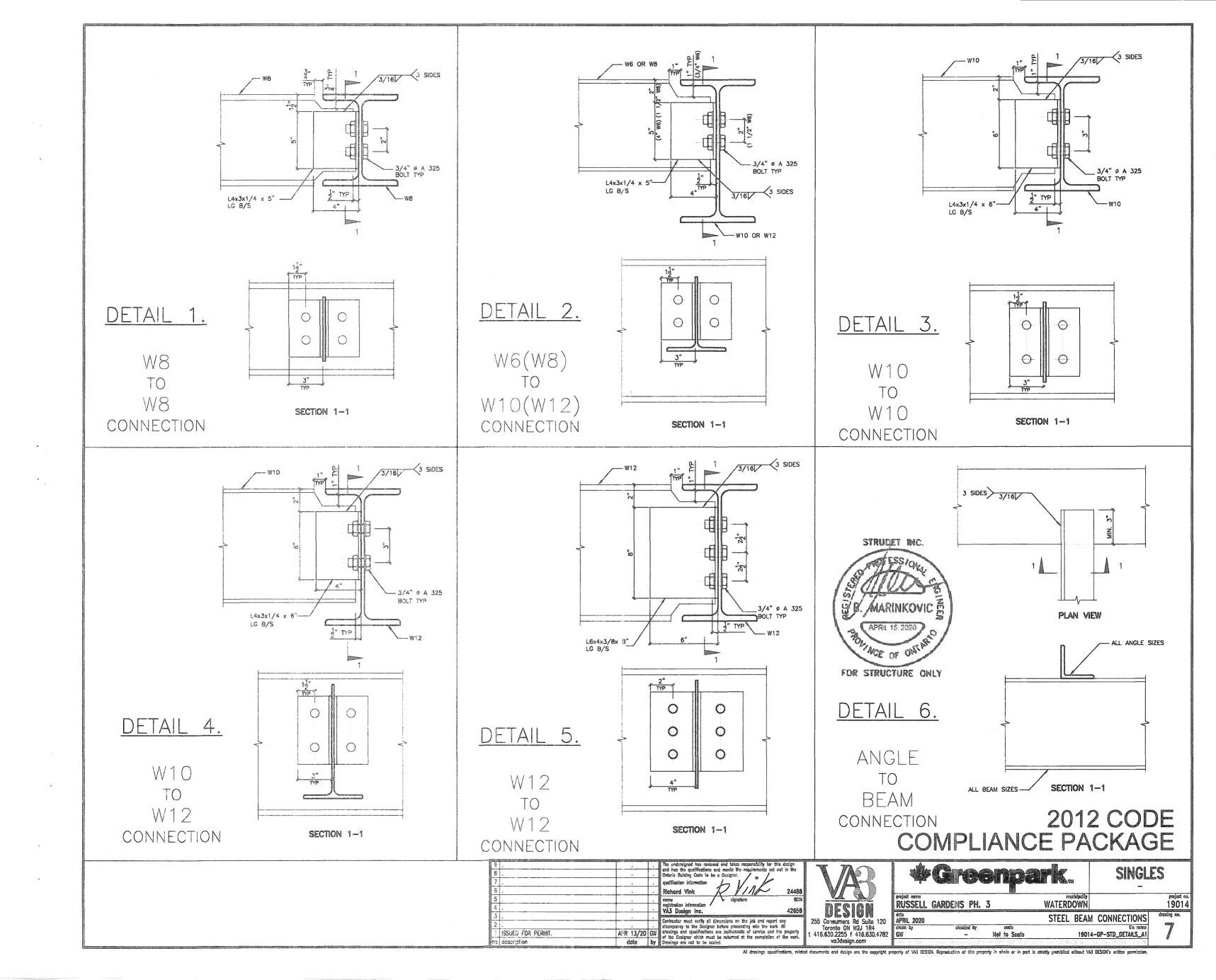
NOTES **GENERAL**

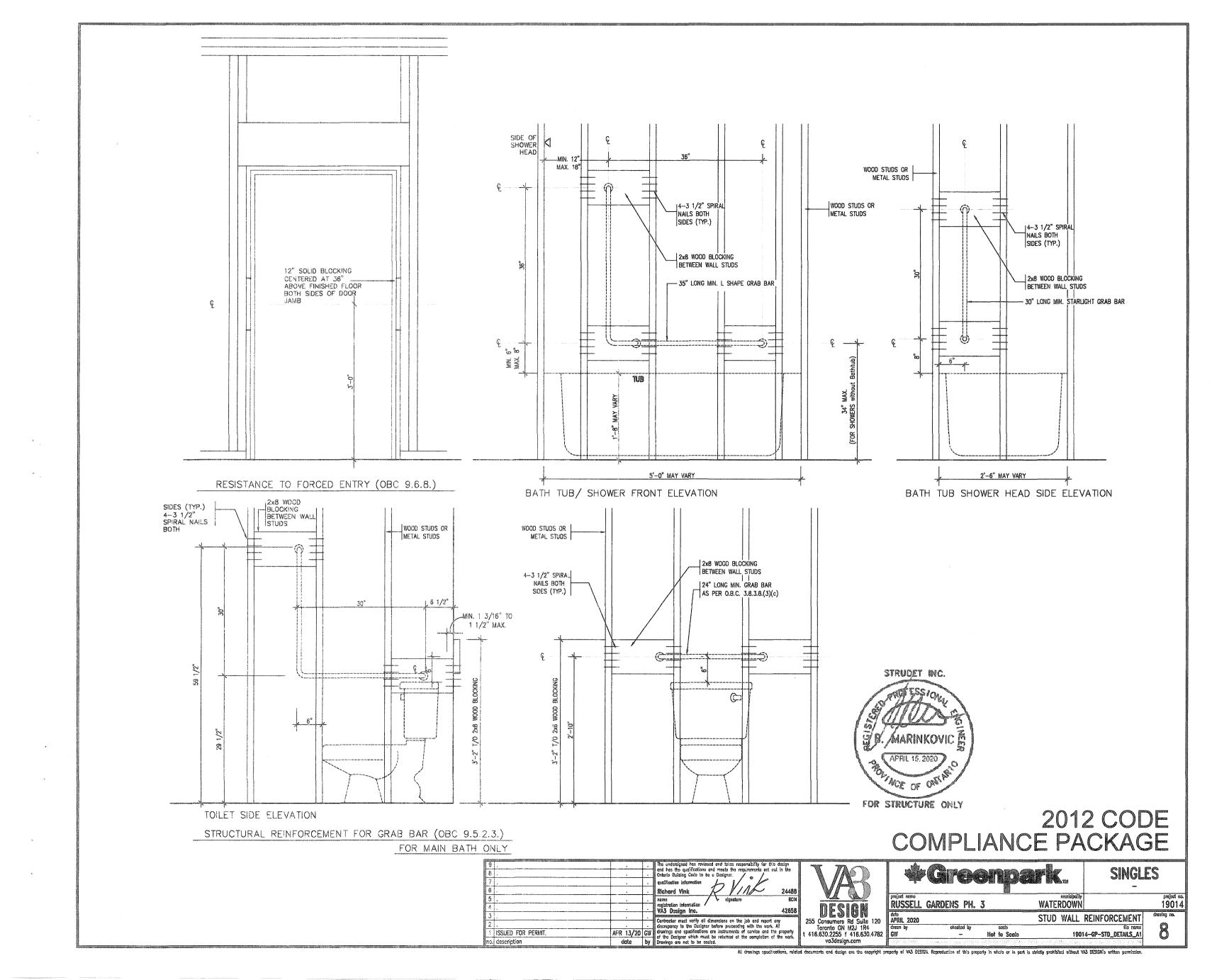
- BRICK TO HAVE COMPRESSIVE STRENGTH OG 15mPa (2200 p.s.i) MIN.UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS.

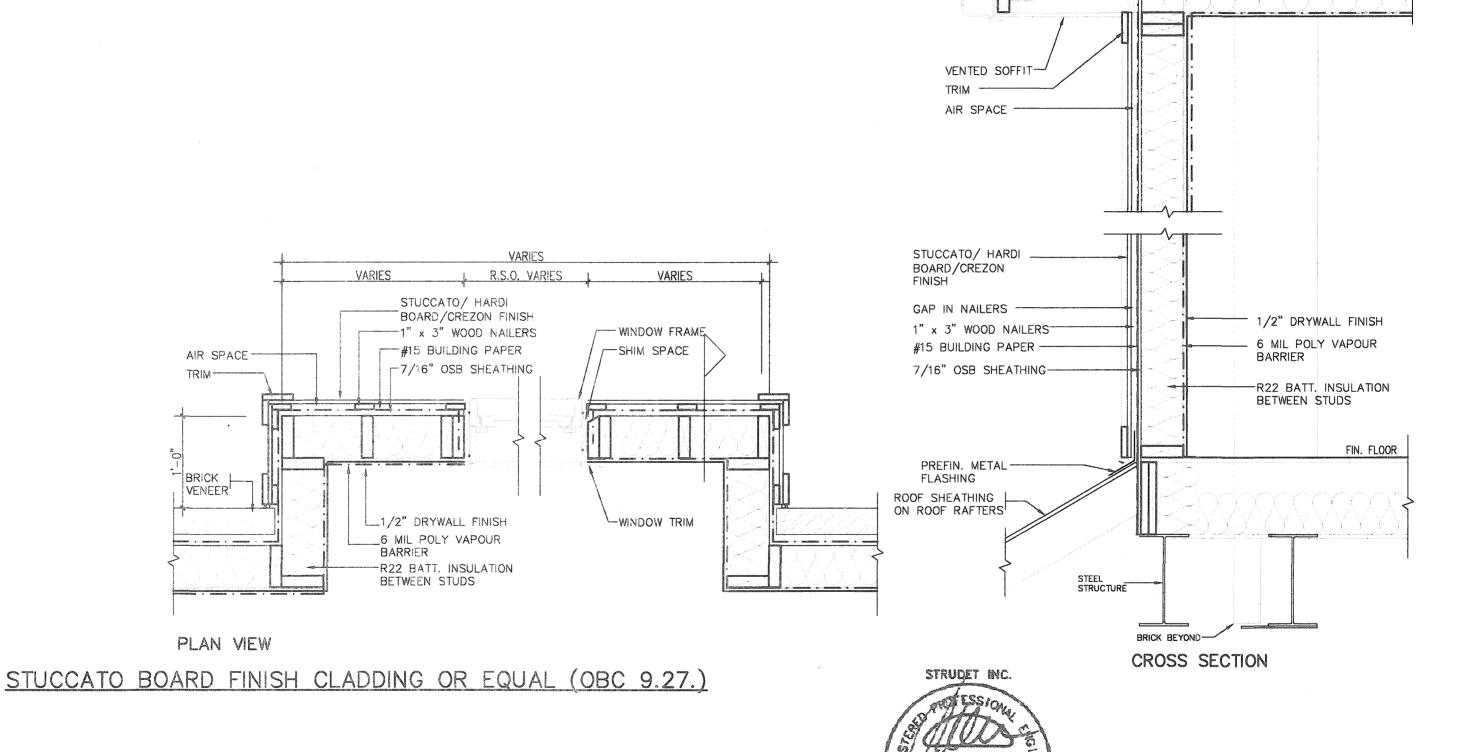
 MORTAR TO BE TYPE 'S' WITH JOINT THICKNESS OF 10mm (3/8") MIN. AND
- 20mm (3/4") MAX.
- THE DECK HAS BEEN DESIGNED TO SAFELY SUPPORT A SUPERIMPOSED LOAD OF 1.9kPa. [40psf].
 ALL NAILS AND SCREWS TO BE GALVANIZED.
- WOOD FOR CANTILEVERED PICKETS SHALL BE DOUGLAS FIR-LARCH, SPRUCE-PINE-FIR, OR HEM-FIR SPECIES.
 CONCRETE SHALL HAVE COMPRESSIVE STRENGTH OF 20MPa. AT 28 DAYS AND
- 5-8% AIR ENTRAINED PRESSURE OF 150kPa [3130psf].
- WB1= 2- 2"x8" (PRESSURE TREATED)
 WB3= 2- 2"x10" (PRESSURE TREATED)



9 8 7 6				The undersigned has reviewed and takes responsibility for this design and has the qualifications and mests the requirements set out in the Ontario Bulding Code to be a Designer. qualification information Richard Vink 24488	M		Greenp	ark.	SINGL	
5				nome signature 8CIN Page 1 Pag	DESIGN	RUSSELL	GARDENS PH. 3	WATERDOWN		project 110. 19014
3			<u> </u>	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		DETAILS-WALK-		drawing no.
no	ISSUED FOR PERMIT. description	APR 13/ date		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 va3design.com		chected by scale As Shown I supersolar of because 100 to 400 particular terms	1 901/ : 24.19614-04-0031806-0321	File name 4-GP-STD_DETAILS_A1	6







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TYPICAL ROOF CONSTRUCTION

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RUSSELL GARDENS PH. 3

COMPLIANCE PACKAGE A1

Not to Scale

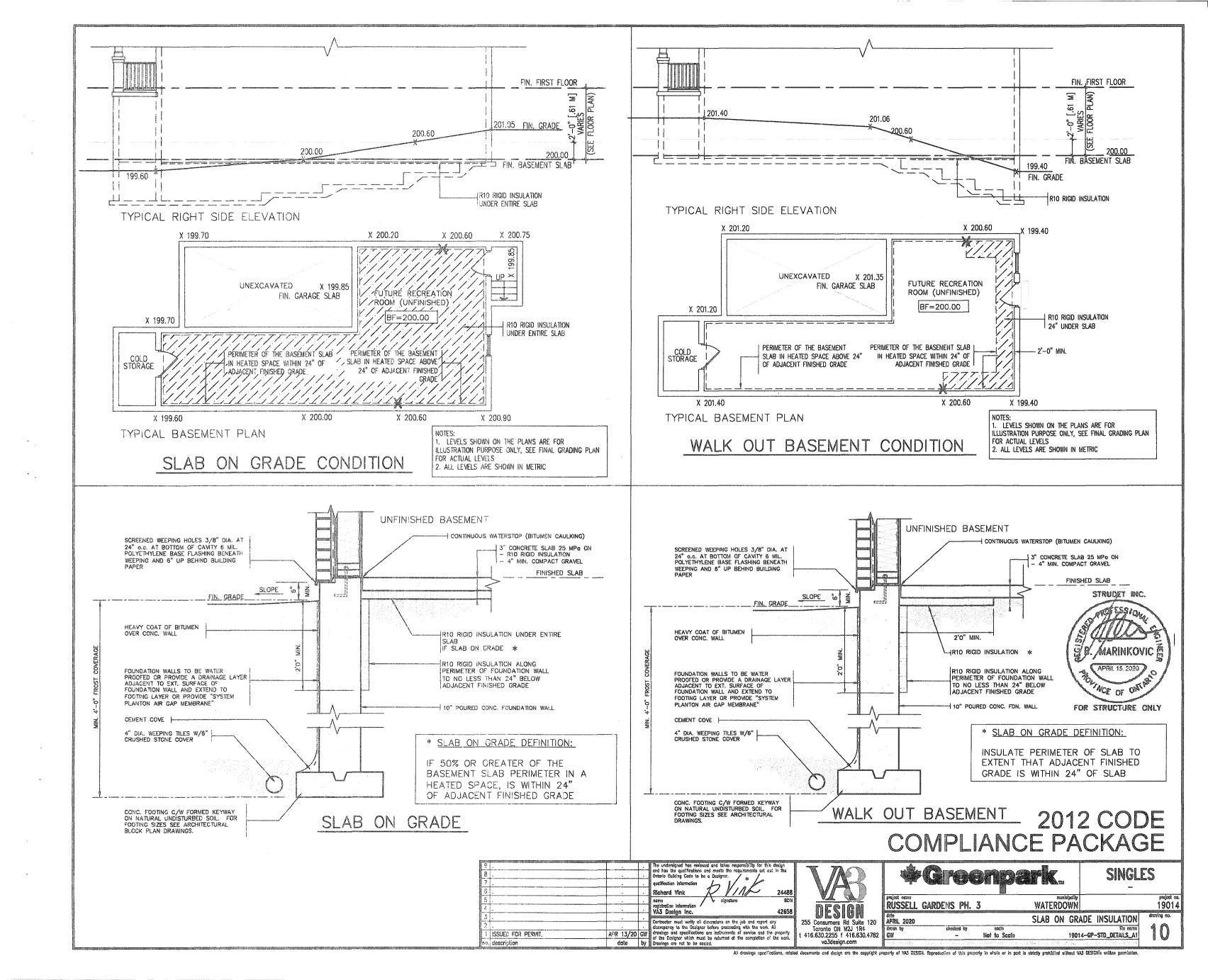
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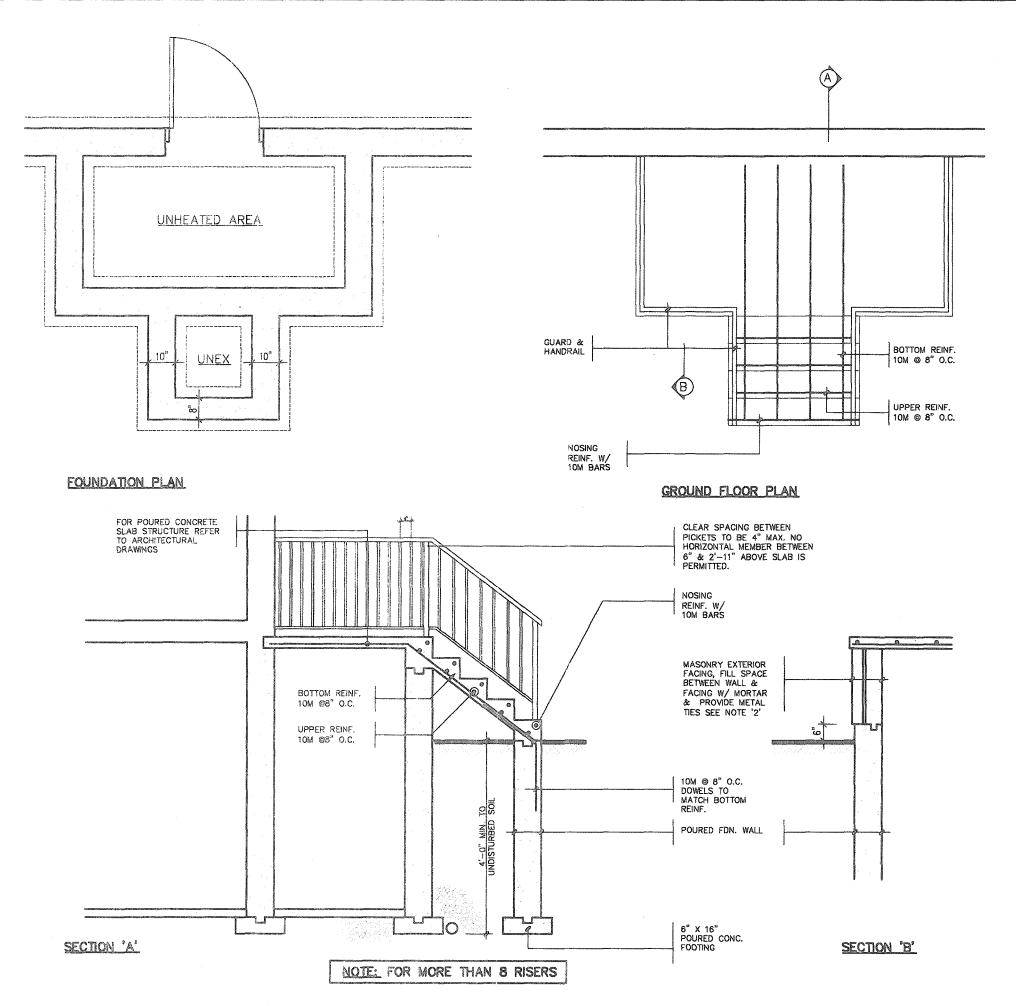
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STUCCATO/ HARDI BOARD FINISH

SINGLES

project no. 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 $34^{\prime\prime}-38^{\prime\prime}$.

5. FOUNDATION WALLS

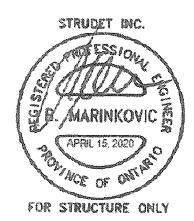
THICKNESS OF FOUNDATION WALLS IS DEPENDANT UPON VENEER CUT 8" FOR UP TO 26" VENEER CUT HEIGHT 10" FOR VENEER CUT OVER 26" HIGH

6. CONCRETE

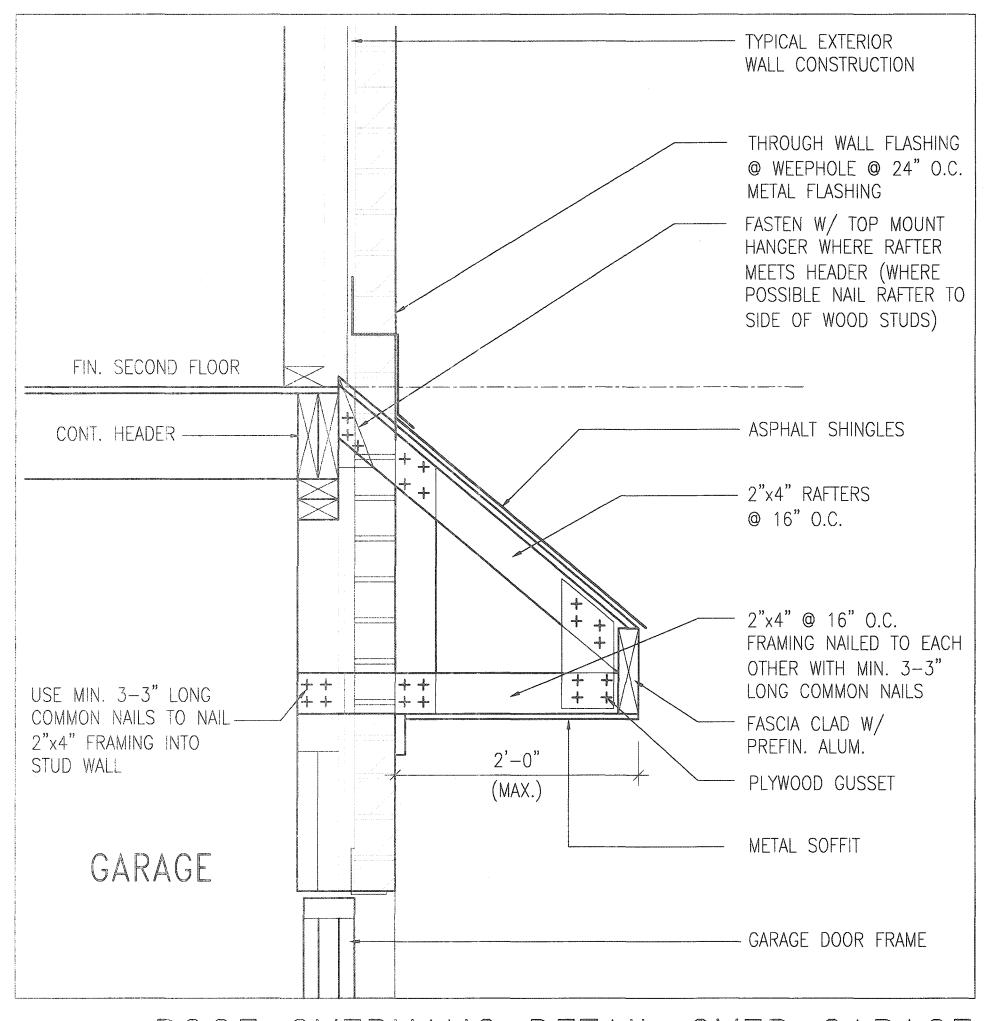
MINIMUM CONCRETE STRENGTH SHALL BE 4650 PSI [32MPa] W/ 5%-8% AIR ENTRAINMENT MINIMUM CONCRETE SLAB THICKNESS 5"

7. CONCRETE COVER

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



9 . 8 . 7 . 6 .	:		The undersigned has reviewed and tarkes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Basigner. qualification information Richard Vinik 24488	VAR		Gree			SINGLE	ES
5 . 4 .		ŀ	name signature BCN registration information VA3 Design Inc. 42658		RUSSELL	GARDENS PH. 3	3	MATERDOWN		project no 19014
3 .		-	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	dete APRIL 2020			POURED CONC.	PORCH STEPS	dresting no.
1 ISSUED FOR PERMIT.	APR 13/20 date	-	discripting to the basigner before proceeding wan 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. Drawings are not to be scaled.	Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com	drawn by GW	checked by	Not to Scale	1901	67 neme 4-GP-STD_DETAILS_A1	11

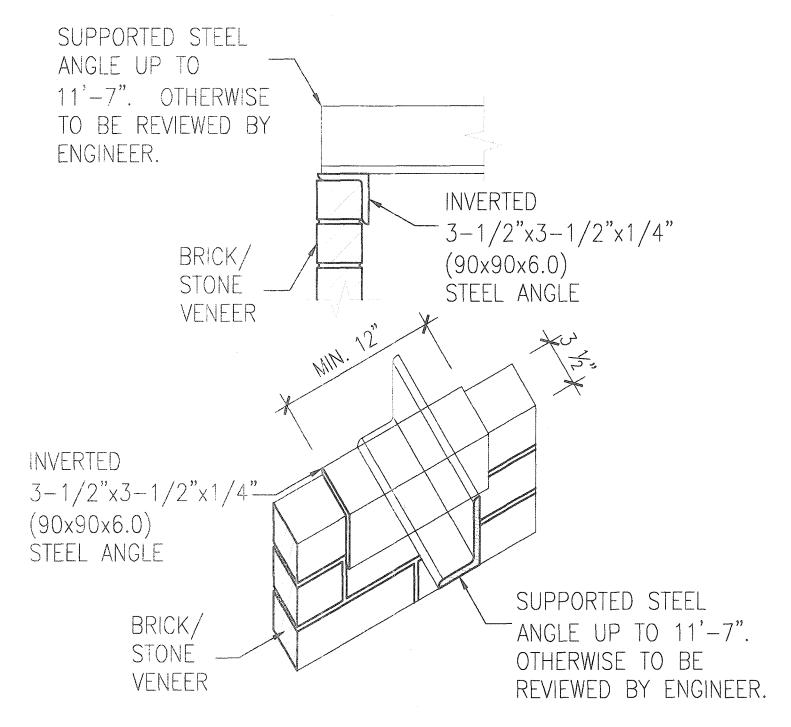






ROOF OVERHANG DETAIL OVER GARAGE

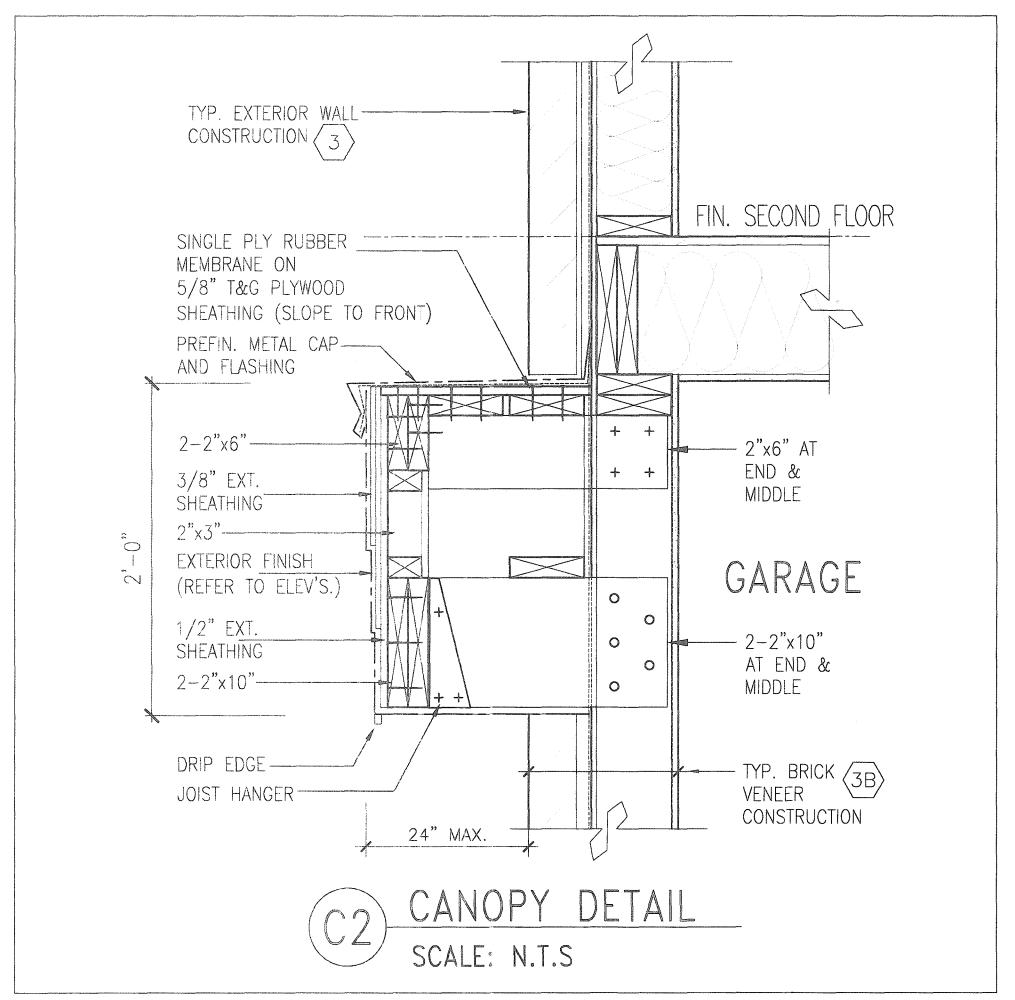
9 8 7 6		:	<u> </u>	The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer. Qualification information Richard Vink 24488	TAR .		Gree	npark.	SINGLE	S
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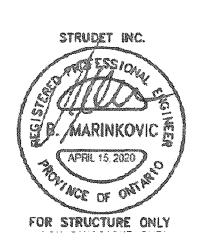




INVERTED STEEL ANGLE DETAIL

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2 . 1 ISSUED FOR PERMIT. no. description	APR 13/20 date	GW by	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before praceding 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. Drawings are not to be seen.	255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 vo3design.com	APRIL 2020 drawn by GW	chocked by	seale Not to Scale	19014-GP-STD_DETAILS_	mo 4 A
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