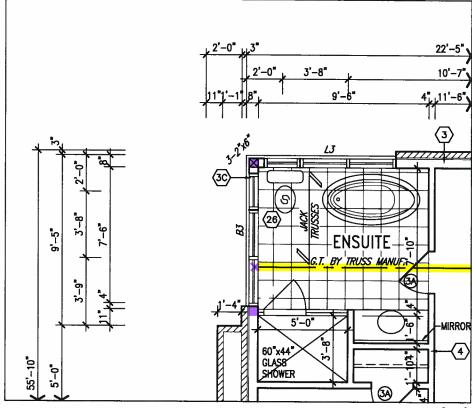


It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible in any way for examining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any house can be properly built or located on its lot.

This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of BRADFORD / WEST GWILLIMBURY.



John G. Williams Limited, Arghitect



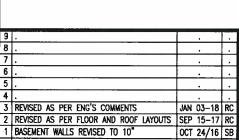
PART. OPT. SECOND FLOOR PLAN W/ ALT. ENSUITE LAYOUT

AREA CALCULATIONS	EL. C STD./OPT.
GROUND FLOOR AREA SECOND FLOOR AREA	1080 SF 1239 SF
SUBTOTAL DEDUCT ALL OPEN AREAS FINISHED BSMT AREA	2319 SF 0 SF 00 SF
TOTAL NET AREA	2319 SF (215.44 m2)
COVERAGE W/OUT PORCH	1293.76 SF (120.194 m2)
COVERAGE W/ PORCH	1363.22 SF (126.65 m2)

territor trans INDICATES FIRE RATED WALL ASSEMBLY

> NOTE: ROOF FRAMING NOTE: ROOF FRAMING
> INFORMATION
> ALL LAMINATED VENEER
> LUMBER (LVL) BEAMS,
> BUILT-UP BEAMS, GIRDER
> TRUSSES AND METAL HANGER
> CONNECTIONS SUPPORTING
> ROOF FRAMING TO BE
> DESIGNED AND CERTIFIED BY
> ROOF TRUSS MANUFACTURER.
> REFER TO ROOF TRUSS SHOP
> DRAWINGS FOR ALL ROOF
> FRAMING INFORMATION UNILESS FRAMING INFORMATION UNLESS OTHERWISE NOTED ON ARCHITECTURAL DRAWINGS.

<u>NOTE:</u> REFER TO STANDARD FLOOR PLANS FOR ADDITIONAL INFORMATION.



date by

no. description

JAN 11,2018

25591 nome registration information VA3 Design Inc. Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.

42658 255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782



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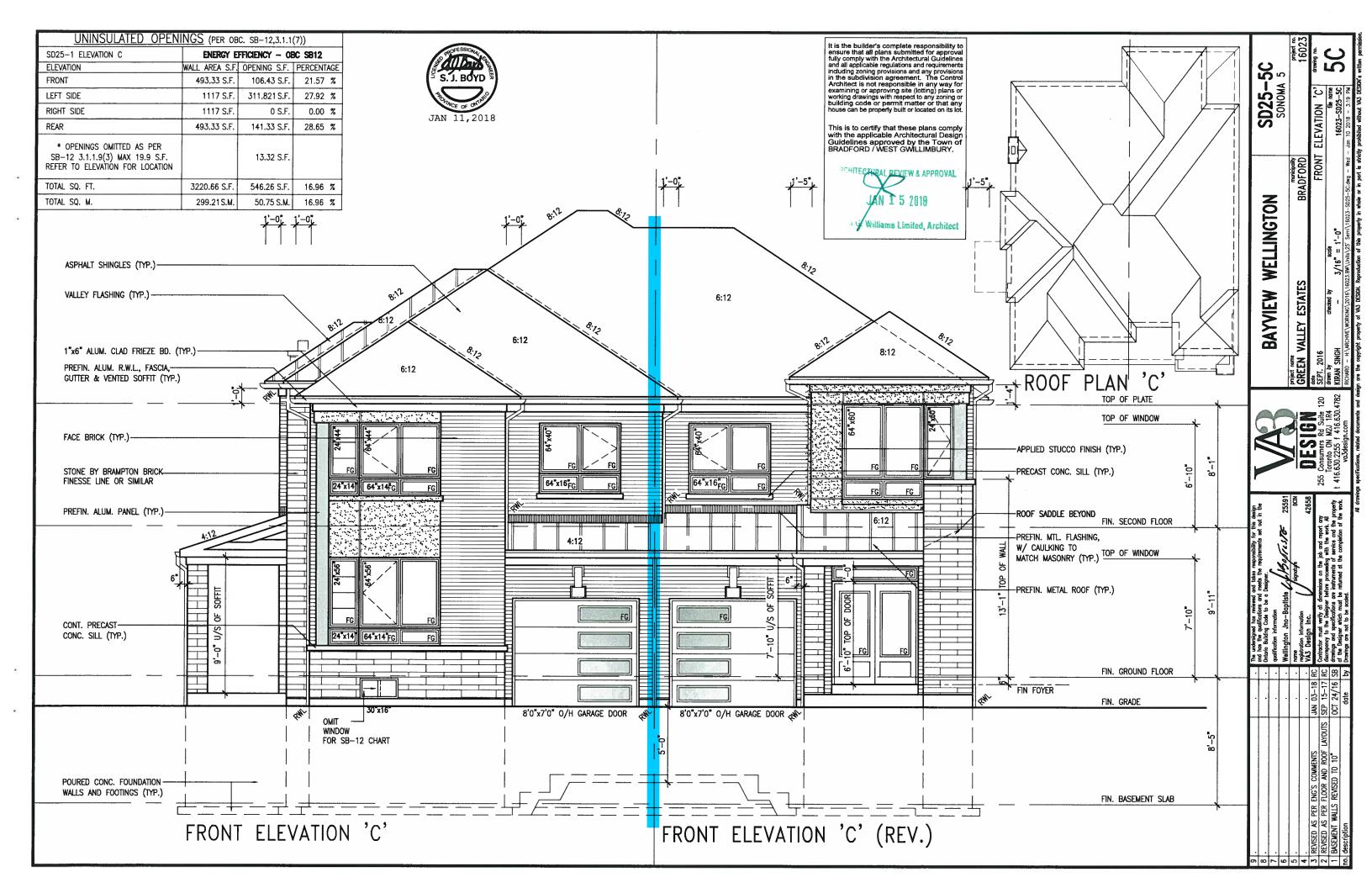
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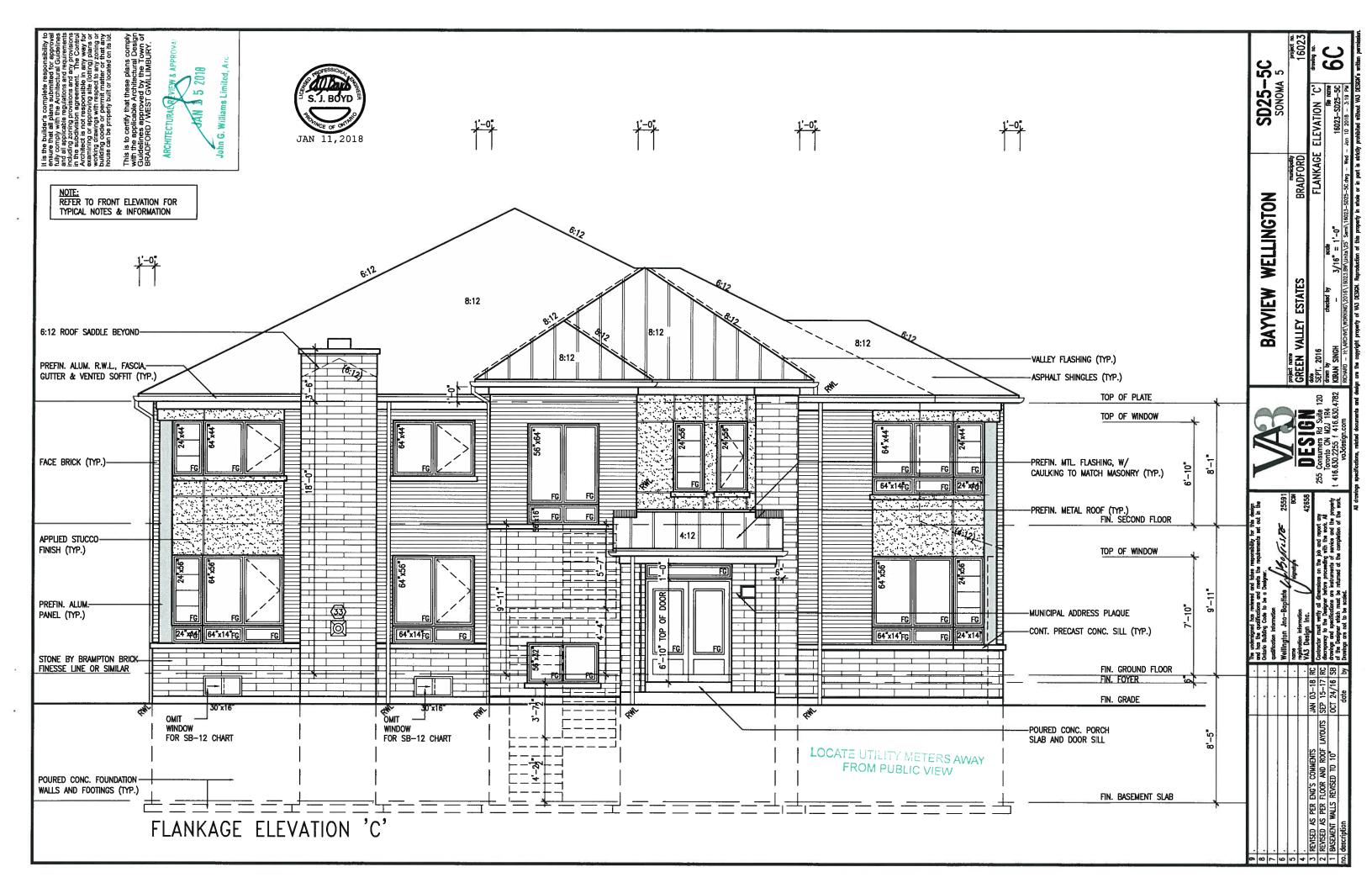
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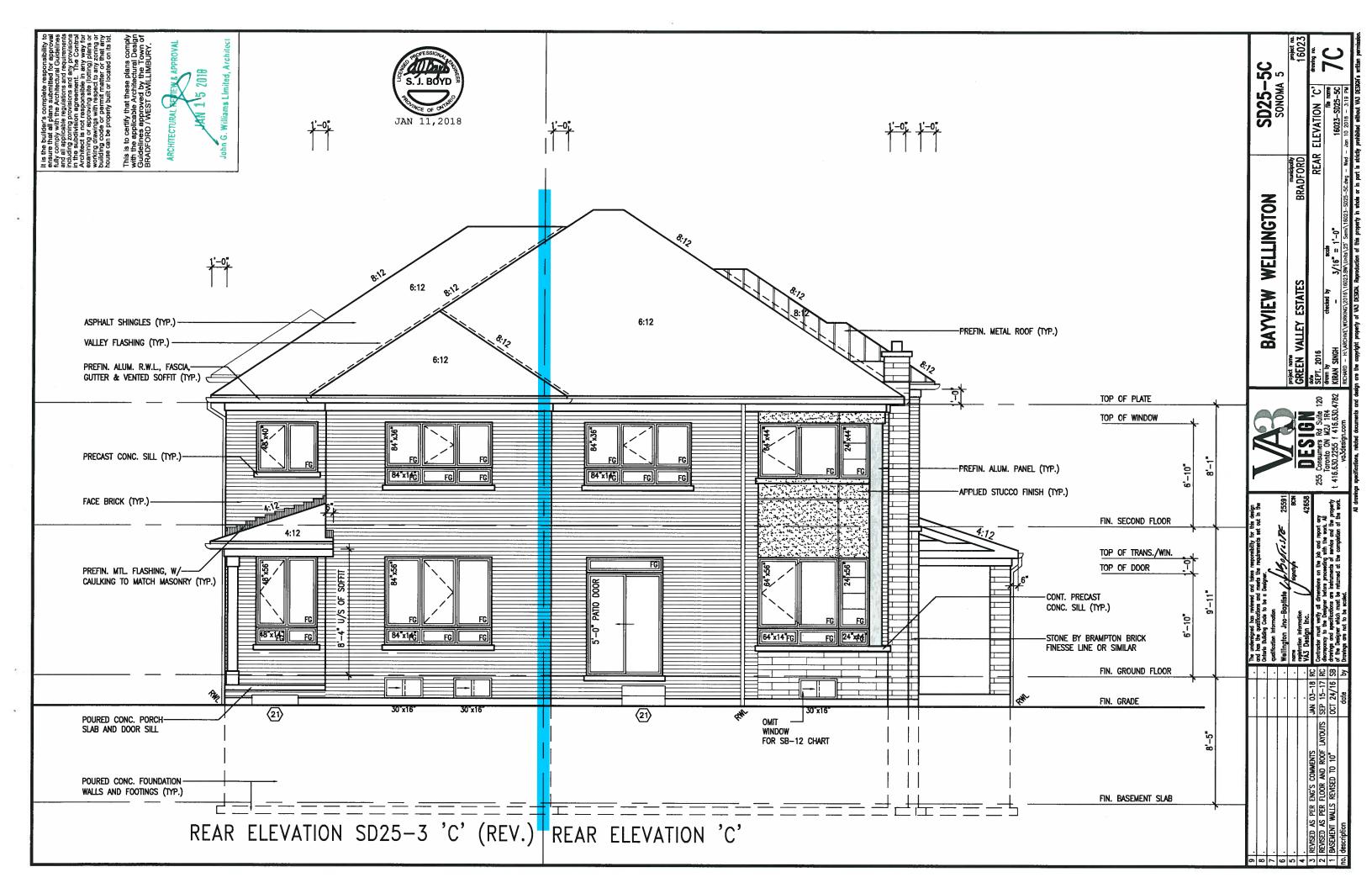
GREEN VALLEY ESTATES BRADFORD sept. 2016 PART. OPT. ALT. ENSUITE LAYOUT 3/16" = 1'-0"

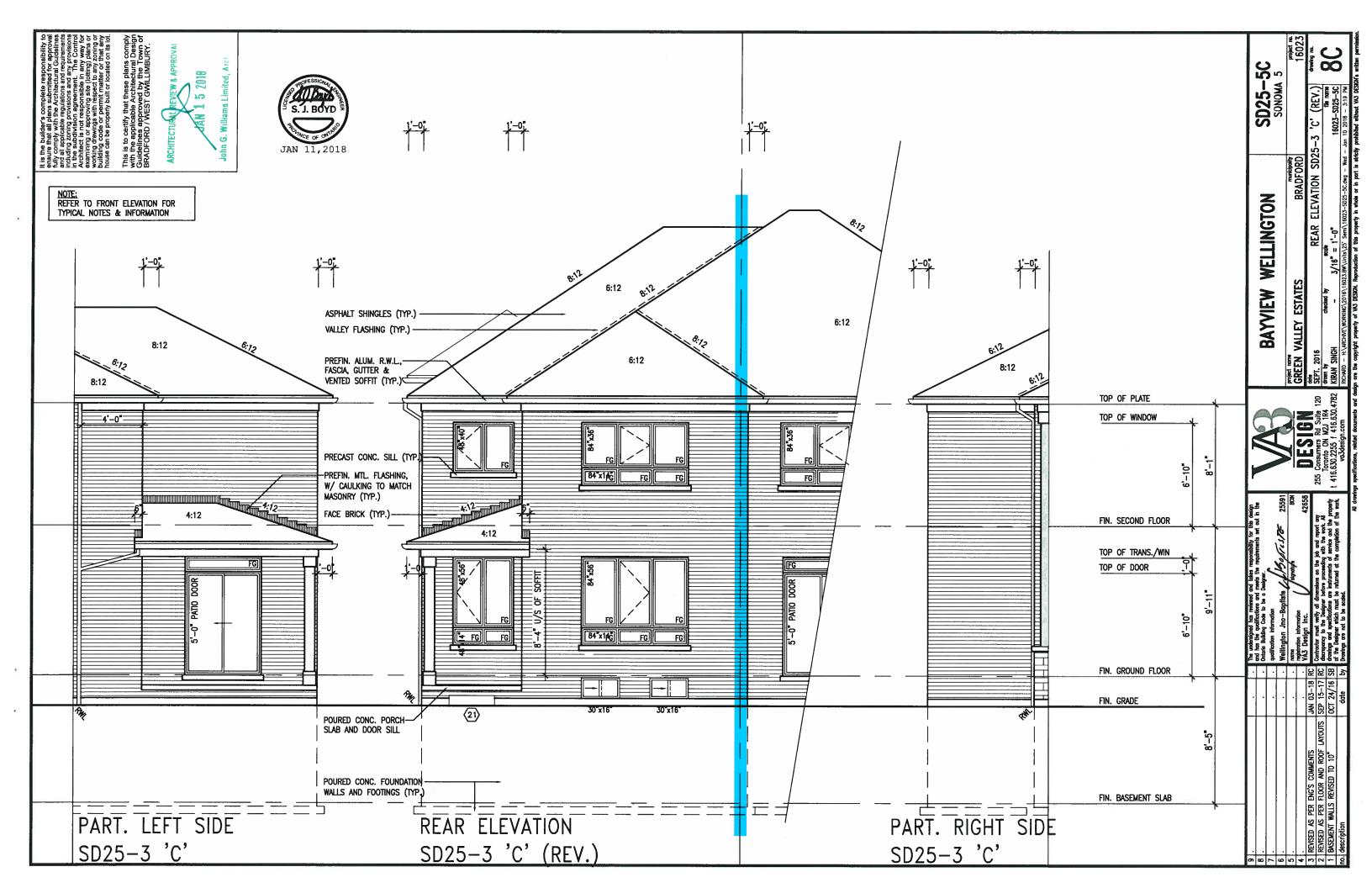
drawn by KIRAN SINGH 16023-SD25-5C va3design.com RICHARD - H:\ARCHIVE\WORKING\2016\16023.BW\Units\25' Semi\16023-S025-5C.dwg - Wed - Jan 10 2018 - 3:19 PM

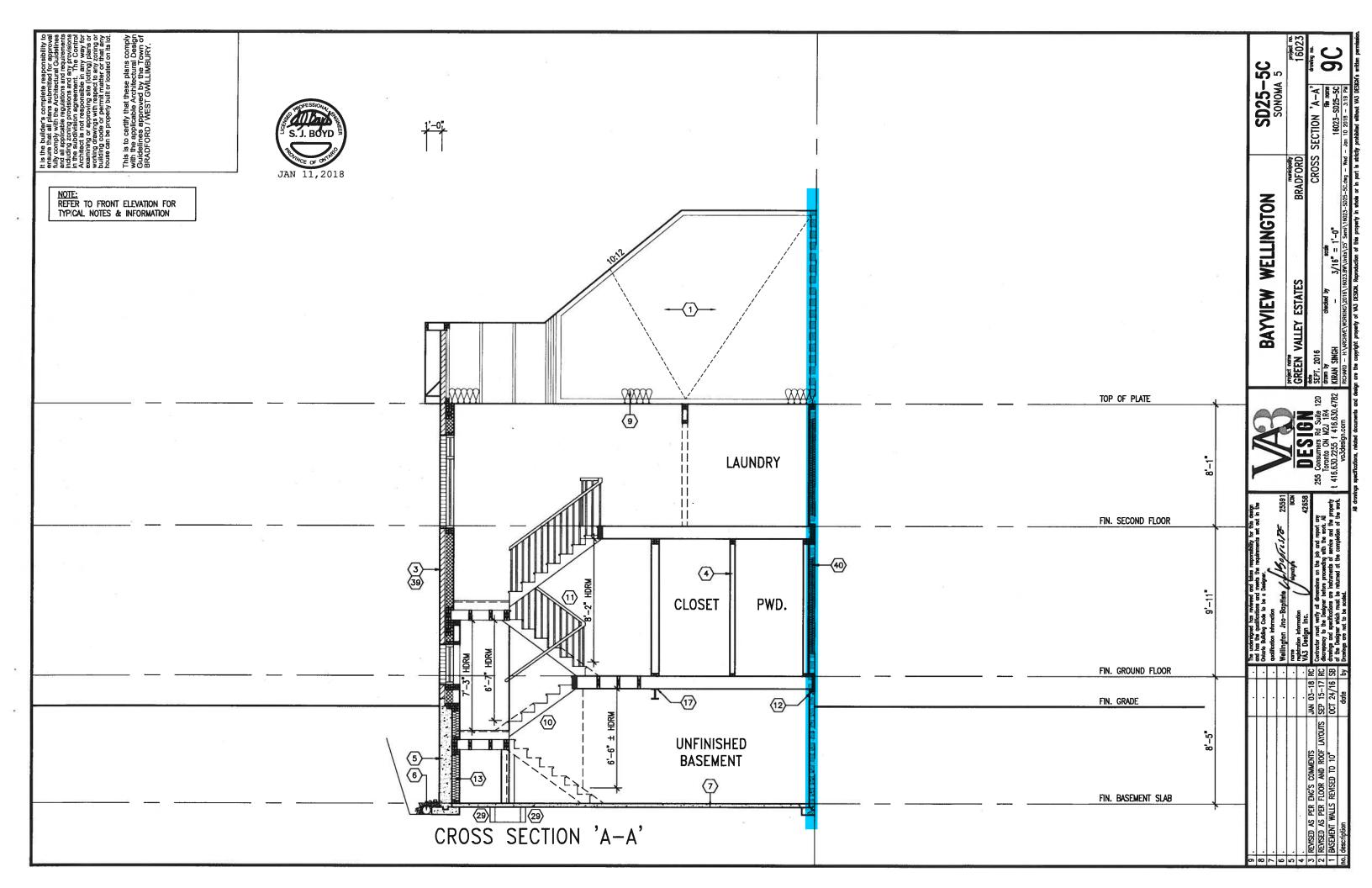
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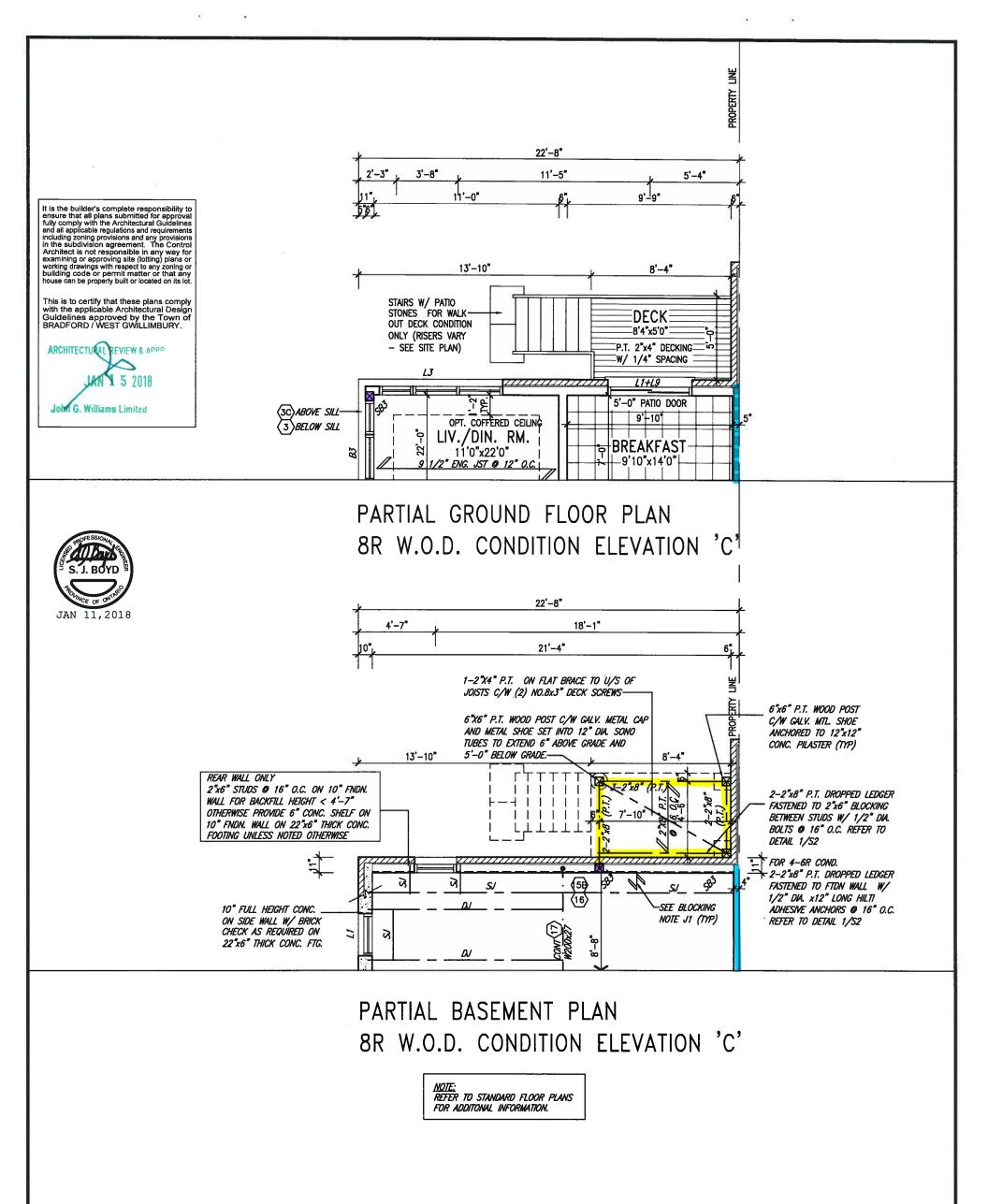




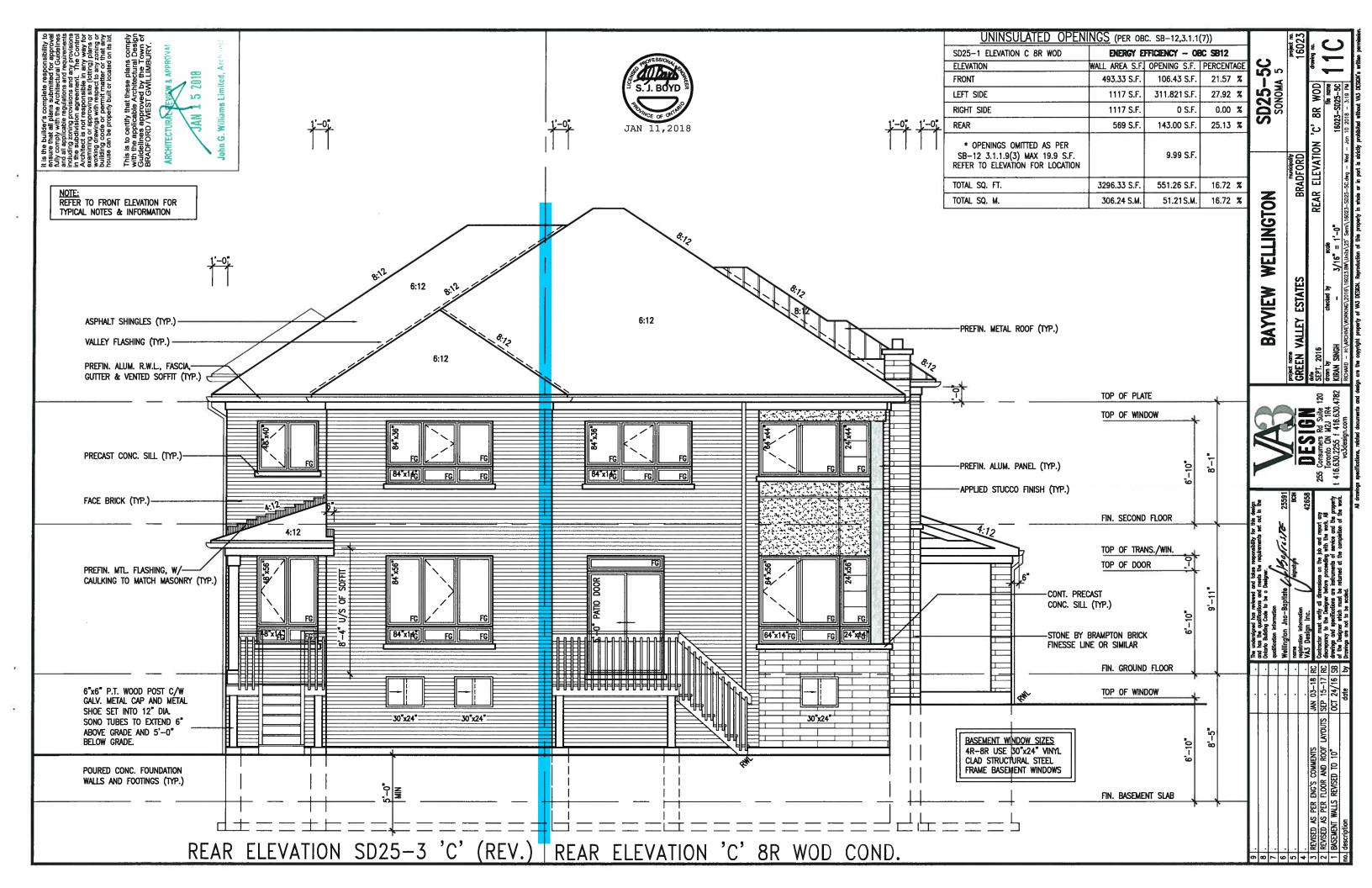


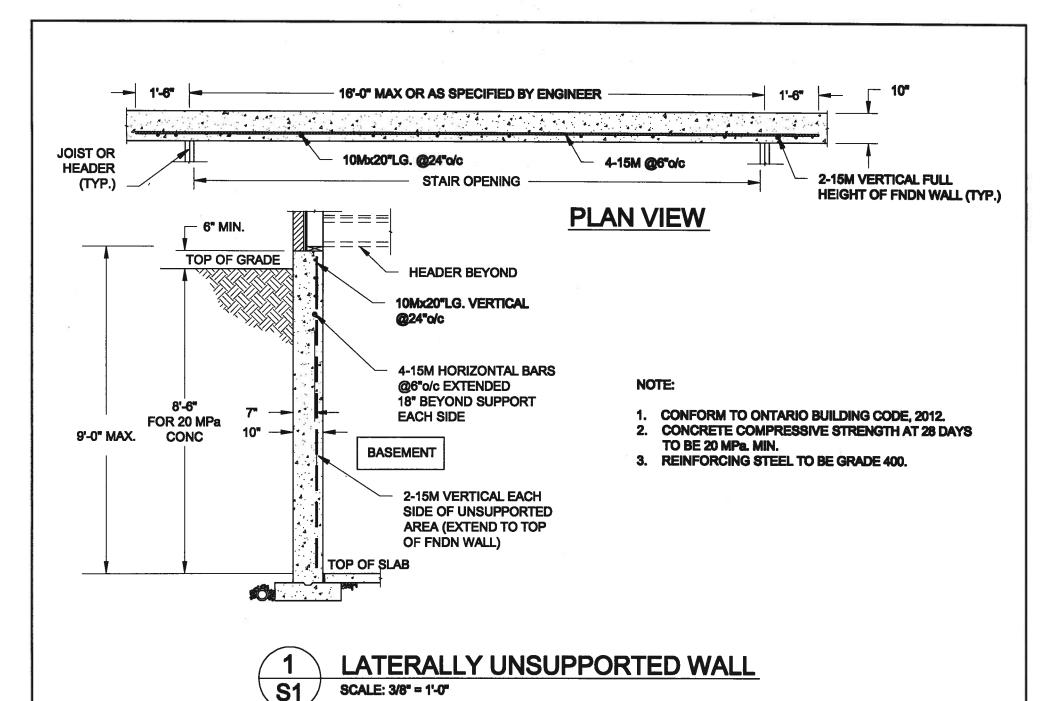


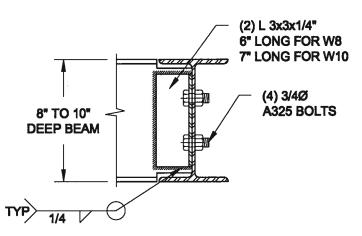




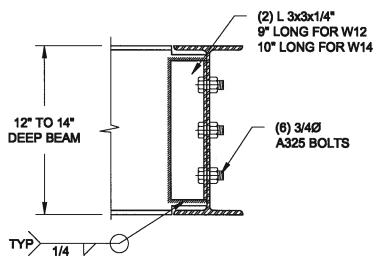
9 . 8 . 7 . 6 .			The undersigned has reviewed and tables responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer. qualification information Wellington Jno-Baptiste Laboration 25591	VAR	5711 11511	WELLINGTON	SD25-5 SONOMA 5	
5 . 4 .		·	nome signature BCN registration information VA3 Design Inc. 42658	DESIGN	GREEN VALLEY ESTATES	BRADFORD		project no. 16023
3 REVISED AS PER ENC'S COMMENTS 2 REVISED AS PER FLOOR AND ROOF LAYOUTS 1 BASEMENT WALLS REVISED TO 10"		RC	Contractor much with all discontinue on the left and aread and	255 Consumers Rd Suite 120	SEPT. 2016 drawn by checked by KIRAN SINGH —	PARTIAL PLANS WOD 8R	ELEVATION 'C' file name 16023-SD25-5C	drawing no.
no. description	date	by	Drawings are not to be scaled.	And the state of t	M M DITS W	023.BW\Units\25' Semi\16023-S025-5C.dwg - Wed	- Jan 10 2018 - 3:19 PM	







NOTE: DETAIL IS APPLICABLE TO W8x40 (W200x59) BEAM MAX AND W10x39 (W250x58) BEAM MAX.



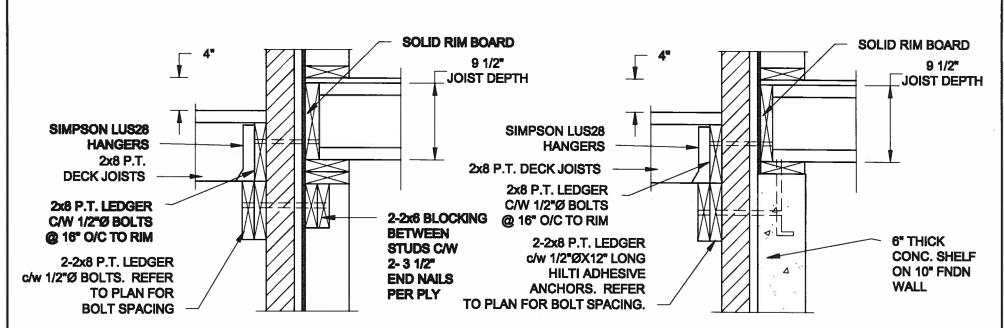
NOTE: DETAIL IS APPLICABLE TO W12x58 (W310x88) BEAM MAX AND W14x48 (W380x72) BEAM MAX.



STEEL BEAM CONNECTION DETAIL

SCALE: 1-1/2" = 1'-0"

Scale: AS NOTED	QUAILE EN	GINEERING LTD.	Endney's Sack	Project: BAYVIEW WILLINGTON IRONES - GREEN VALLEY BRANES - SENS BRADFORD, CHEANO TYPICAL STRUCTURAL DETAILS			
Date: JAN-09-2018		38 Parialde Drive, UNIT 7 Newmarket, ON 13Y 8J9	S. J. BOYD				
Drawn: Checked: SC SJB		T: 905-853-8547 E: qualle.eng@rogers.com	JAN 11,2018	Project No.: 17-194	Drawing No.: \$1		



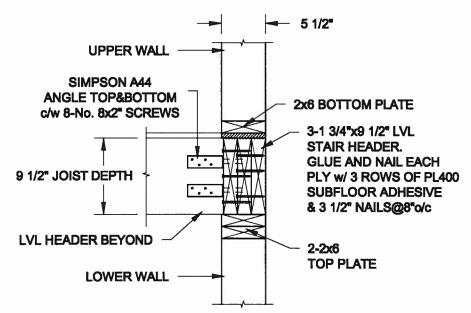
1A DECK FASTENING DETAIL
S2 SCALE: 1" = 1'-0"

1B DECK FASTENING DETAIL
S2 SCALE: 1" = 1'-0"

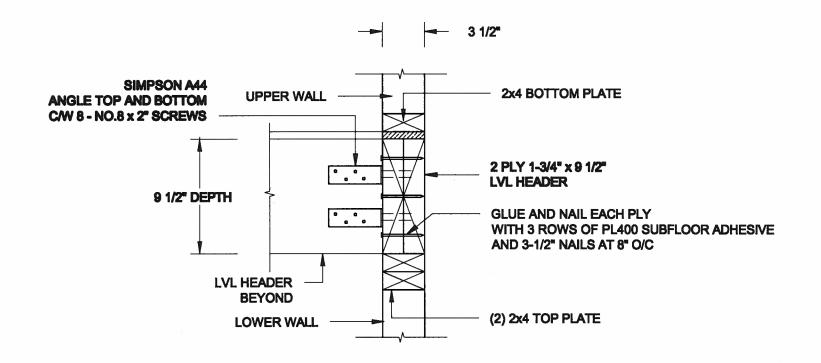
NOTE: 1. WHERE BACKFILL HEIGHT < 4'-7", PROVIDE 2x6 @ 16" o/c KNEEWALL ON 10" THICK CONC FNDN WALL

2. WHERE BACKFILL HEIGHT > 4'-7", PROVIDE 6" CONC SHELF FOR BRICK VENEER ON 10" THICK CONC FNDN WALL

3. FOOTING TO BE 22"x6" THICK UNLESS NOTED OTHERWISE ON PLAN.







3 STAIR HEADER @ PARTYWALL
SCALE: 1 1/2" = 1'-0"

Engineer's Sock Project: Scale: QUAILE ENGINEERING LTD. DAYVEN WELLINGTON NOMES - GREEN VALLEY ESTATES - SEMIS AS NOTED Allback **BRADFORD, ONTARIO** 38 Parkside Drive, UNIT 7 S. J. BOYD Newmarket, ON TYPICAL STRUCTURAL DETAILS JAN-00-2018 **L3Y 8J9** T: 905-853-8547 Project No.: Drawn Drawing No.: E: quaile.eng@rogers.com JAN 11,2018 17-194 SJB SC **S2**

PARTIES OF A PARTIES WELLINGTON GREEN VALLEY SEASON PARTIES

CONSTRUCTION NOTES (Unless otherwise noted) ALL CONSTRUCTION TO ADHERE TO THESE PLANS AND SPEC'S AND TO CONFORM TO THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. THESE REQUIREMENTS ARE TO BE TAKEN AS MINIMUM SPECIFICATIONS. ONT. REG. 332/12-2012 OBC ROOF CONSTRUCTION NO.210 (10.25kg/m2) ASPHALT SHINGLES, 10mm (3/8") PLYWOOD SHEATHING WITH "H" CLIPS, APPROVED WOOD TRUSSES @ 600mm (24") O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 900mm

(3-d') 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) 38x89 (2"x4") TRUSS BRACING @ 1830mm (6-d') O.C. AT BOTTOM CHORD, PREFIN. ALUM. 1830mm (6-47) O.C. AT BOTTOM CHORD, FRETTIN, ALUM,
EAVESTROUGH, FASCIA, RWL & VENTED SOFFT, PROVIDE ICE &
WATER SHIELD TO ALL ROOF/WALL SURFACES SUSCEPTIBLE TO ICE
DAMMING, ROOF SHEATHING TO BE FASTENED 150 (6") C/C ALONG
EDGES & INTERMEDIATE SUPPORTS WHEN TRUSSES SPACED GREATER THAN 406 (16"). ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH MIN. 25% AT EAVES & MIN. 25% AT RIDGE (OBC 9.19.1.2.).

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, 9.5mm (3/6") EXT. TYPE SHEATHING,
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 MIN, 200mm (8") (2.) ABOVE FINISH GRADE, REFER TO OBC SB-12, CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS.

(2A.) RESERVED

(2B) FRAME WALL CONSTRUCTION (2"x4")— GARAGE WALLS SIDING AS PER ELEV., 19x38 (1"x2") VERTICAL WOOD FURRING, CONTIN, SHEATHING MEMBRANE, 9.5mm (3/8") EXT. TYPE SHEATHING, 38x89 (2'x4") STUDS @ 400mm (16") O.C. (MAX. HEIGHT 3000mm (9'-10"), WITH APPR. DIAGONAL WALL BRACING. SIDING TO BE MIN. 200mm (8") ABOVE FINISH GRADE.

(2C) RESERVED

STUCCO WALL CONSTRUCTION (2"x4") —GARAGE 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 DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS SPECIFICATIONS OVER 25mm [17] MIN. EXPANDED OR EXTRUDED RIGID POLYSTYRENE ON APPROVED AIR/MOISTURE BARRIER ON 13mm (1/2") EXT. TYPE SHEATHING ON 38x89 (2"x4") STUDS @ 400 (16") O.C.. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE.

WALLS ADJACENT TO ATTIC SPACE — NO CLADDING 9.5mm (3/8") EXT. TYPE SHEATHING, 38x140 (2'x6") STUDS @ 400mm (1/4") O.C., RSI 3.87 (R22) INSULATION AND APPR. VAPOUR BARRIER AND APPR. CONTIN. AIR BARRIER, 13mm (1/2") INTERIOR DRYWALL FINISH, MID-HEIGHT BLOCKING REQ"D. IF NO SHEATHING APPLIED. REFER TO OBC SB-12, CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS. (2E)

BRICK VENEER CONSTRUCTION (2"x6") (SB-12-TABLE 3.1.1.2.A)
90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm
(7/6"x"x0.03") GALV. METAL TIES: @ 400mm (16") O.C. HORIZONTAL
600mm (24") O.C. VERTICAL. APPROVED SHEATHING PAPER, 9.5mm
(3/6") EXT. TYPE SHEATHING, 38x140 (2"x6") STUDS: @ 400mm [16"]
O.C., RSI 3.87 (R22) INSULATION & APPR. VAPOUR BARRIER WITH (3.) APPR. CONTIN. AIR BARRIER. 13mm (1/2") INTERIOR DRYWALL FINISH. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. REFER TO OBC SB-12. CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE

(3A) RESERVED



JAN 11,2018

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 & 400mm (14") O.C. HORIZONTAL
600mm (24") O.C. VERTICAL. APPR. SHEATHING PAPER, 9.5mm (3/8")
EXT. TYPE SHEATHING, 38x89 (2"x4") STUDS @ 400mm (16") O.C. (MAX.
HEIGHT 3000mm 9"-10") WITH APPR. DIAGONAL WALL BRACING.
PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND
OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6")
BRHIND BIII DING PAPER

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 O.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 SPECIFICATIONS OVER 25mm (1") MIN. EXTRUDED OR EXPANDED RIGID POLYSTYRENE ON APPR. CONTIN. AIR/MOISTURE BARRIER ON 13mm (1/2") EXT. TYPE SHEATHING ON 38x140 (2"x6") STUDS @ 400mm (16") O.C., RSI 3.87(R22) INSULATION, APPROVED VAPOUR BARRIER, 13mm (1/2") GYPSUM WALLBOARD INTERIOR FINISH. REFER TO OBC SB-12, CHAPIER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE.

ABOVE HINDH GRADE.

INTERIOR STUD PARTITIONS

FOR BEARING PARTITIONS 38x89 (2"x4") @ 400mm (16") O.C. FOR 2

STOREYS AND 300mm (12") O.C. FOR 3 STOREYS, NON-BEARING
PARTITIONS 38x89 (2"x4") @ 400mm (2") 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

FOUNDATION WALL/FOOTINGS: (8.15.3, 8.15.4, 9.13.2, 9.14.2.1,(2))
250mm (10") POURED CONC. FD1N. WALL 30MPG 14350psi) WITH
BITUMENOUS DAMPPROOFING AND DRAINAGE LAYER. DRAINAGE
LAYER REQ'D. WHEN BASEMENT INSUL. EXTENDS 900 (2-11") BELOW FIN GRADE DRAINAGE LAYER IS NOT REQ'D. WHEN FOTH WALL IS WATERPROOFED. MAXIMUM POUR HEIGHT 2820 (9'-3") ON 560X155 (22"X6") CONTINUOUS KEYED CONC. FTG. BRACE FDTN. WALL PRIOR TO BACKFILLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OR COMPACTED ENGINEERED FILL, WITH MIN.

BEARING CAPACITY OF 150kPg OR GREATER. IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY, ENGINEERED FOOTINGS ARE

28" WIDE x 9" DEEP 22" WIDE x 6" DEEP -SEE OBC 9.15,3.

-MAXIMUM FLOOR LIVE LOAD OF 2.4kPa. (50psf.) PER FLOOR, AND MAX, LENGTH OF SUPPORTED FLOOR JOISTS IS 4.9m (16'-1") REFER TO SOILS REPORT FOR SOIL CONDITIONS AND BEARING

STRIP FOOTING SUPPORTING EXTERIOR WALLS (FOR W.O.B.)
-ASSUMING MASONRY VENEER CONSTRUCTION, MAX. FLOOR LIVE LOAD OF 2.4kPa. (50psf.) PER FLOOR, AND MAX, LENGTH OF PRIED FLOOR JOISTS IS 4.9m (16'-1"). THE STRIP FOOTING SIZE IS AS FOLLOWS: 2 STOREY WITH WALK-OUT BASEMENT 545x175 (22"x7"

FOUNDATION DRAINAGE OBC. 9.14.2. & 9.14.3.
100mm (4") DIA. FOUNDATION DRAINAGE TILE 150mm (6") CRUSHED STONE OVER AND AROUND DRAINAGE TILES.

BASEMENT SLAB OBC. 9.3.1.6.(1)(b). 9.16.4.5.(1). 9.25.3.3.(15) 80mm (3")MiN. 25MPO (3600psi) CONC. SLAB ON 100mm (4") COARSE GRANULAR FILL, OR 20MPa. (3000psi) CONC. WITH DAMPPROOFING BELOW SLAB, LINDER SLAB INSULATION PER SB-12. ALL SLAB JOINTS & PENETRATIONS TO BE CAULKED.

EXPOSED FLOOR TO EXTERIOR (SB-12-TABLE 3.1.1.2.A)
PROVIDE RSI 5.46 (RS1) INSULATION, APPROVED VAPOUR BARRAND CONTINUOUS AIR BARRIER, FINISHED SOFFIT.

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

10. ALL STAIRS EXTERIOR STAIRS -OBC. 9.8.—
UNIFORM RISE -5mm (1/4") MAX BETWEEN ADJACENT TREADS OR LANDINGS 10mm (1/2") MAX BETWEEN TALLEST & SHORTEST RISE IN FLIGHT = 200 (7-7/8") = 210 (8-1/4") = 235 (9-1/4")

MIN. RUN MIN. TREAD MAX, NOSING MIN, HEADROOM MIN. STAIR WIDTH

= 25 (1") = 1950 (6'-5") = 900 (2'-11") = 865 (2'-10") to 965 (3'-2") = 860 (2'-10")

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

MIN. AVG. KUIN

HANDRAILS —OBC. 9.B.7.—
FINISHED RALING ON PICKETS SPACED MAXIMUM 100mm (4")

BETWEEN PICKETS. CLEARANCE BETWEEN HANDRAIL AND SURFACE

TO BE 50 (2") MIN. HANDRAILS TO BE CONTINUOUS

37. EXCEPT FOR NEWEL POST AT CHANGES OF DIRECTION.

INTERIOR 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").

SILL PLATE — OBC. 9.23.7.

38x89 (2*x4) SILL PLATE WITH 13mm (1/2*) DIA. ANCHOR BOLTS

200mm (8*) LONG, EMBEDDED MIN. 100mm (4*) INTO CONC. @

2400mm (7*-10*) O.C., CAULKING OR 25 (1*) MIN. MINERAL WOOL BETWEEN PLATE AND TOP OF FOTN, WALL USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED

BASEMENT INSULATION (SB-12-3.1.1.7), 9.25.2.3, 9.13.2.6)
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. RSI3.52ci (R20ci) BLANKET INSULATION TO HAVE APPROVED VAPOUR BARRIER, RECOMMEND DAMPPROOF WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL, NOTE: FULL HEIGHT INSULATION AT COLD CELLAR WALLS, AIR BARRIER TO BE SEALED TO FOUNDATION WALL WITH CAULKING, CONTINUOUS INSULATION (CI) IS NOT TO BE INTERRUPTED BY FRAMING.

BEARING STUD PARTITION 38x89 (2'x4") STUDS @ 400mm (16") O.C. 38x89 (2'x4") SILL PLATE ON DAMPPROOFING MATERIAL, 13mm (1/2") DIA, ANCHOR BOLTS 200mm (8") LONG, EMBEDDED MIN. 100mm (4") INTO CONC. @ 2400mm (7"-10") O.C. 100mm (4") HIGH CONC. CURB ON 350x155 (14"x6") CONC. FOOTING, ADD HORIZ, BLOCKING AT MID-HEIGHT IF WALL IS UNFINISHED.

STEFL BASEMENT COLUMN (SEE O.B.C. 9.15.3.3)
89mm(3-1/2") DIA x 3.0mm(0.118) SINGLE WALL TUBE TYPE 2
ADJUSTABLE STL. COL. W/ MIN. CAPACITY OF 71.2km (16.000lbs.) AT
A MAX. EXTENSION OF 2318mm (7-7 1/2") CONFORMING TO
CAN/CGS8-7.2-94, AND WITH 150x150x9.5 (6"x6"x3/8") STL. PLATE TOP & BOTTOM, 870x870x410 (34°x34°x16") CONC. FOOTING ON UNDISTURBED SOIL OR ENGINEERED FILL CAPABLE OF SUSTAINING APRESSURE OF 150 Kpg. MINIMUM AND AS PER SOILS REPORT.

STEEL BASEMENT COLUMN (SEE O.B.C. 9.15.3.3)
89mm(3-1/2") DIA x 4.78mm(.188) FIXED STL. COL. WITH 150x150x9.5
(6"x6"x3/8") STL. TOP & BOTTOM PLATE ON 1070x1070x460
(42"x42"x18"). CONC. FOOTING ON UNDISTURBED SOIL OR ENGINEERED FILL CAPABLE OF SUSTAINING A PRESSURE OF 150 Kpg. MIN. AND AS PER SOILS REPORT.

STEEL COLUMN
90mm(3-1/2") DIA x 4.78mm(,188) NON-ADJUSTABLE STL. COL. TO
BE ON 150x150x9.5 (6"x6"x3/8") STEEL TOP PLATE, & BOTTOM PLATE. BASE PLATE 120x250x12.5 (4 1/2'x10"x1/2") WITH 2-12mm DIA. 300mm LONG x50mm HOOK ANCHORS (2-1/2'x12'x2') FIELD WELD COL. TO BASE PLATE.

BEAM POCKET OR 300x150 (12"x6") POURED CONC. NIB WALLS. MIN. BEARING 90mm (3-1/2")

17) 19x64 (1"x3") CONTINUOUS WOOD STRAPPING BOTH SIDES OF STEEL BEAM.

(18) 100mm (4") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON OPT. 100 (4") COARSE GRANULAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL.

SLOPE TO FROM.

GARAGE CEILINGS/INTERIOR WALLS

13mm | 1/2" GYPSUM BOARD ON WALL AND CEILING BETWEEN
HOUSE AND GARAGE. TAPE AND SEAL ALL JOINTS AIRTIGHT PER
O.B.C. 9.10.9.16. WALLS (R22), CEILINGS (R31), REFER TO SB-12,
TABLE 3.1.1.2.A. FOR REQUIRED THERMAL INSULATION.

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 (9-1/2"). SEE OBC. 9.8.9.2., 9.8.9.3. & 9.8.10.

DRYER EXHAUST (OBC-6.2.3.8.(7) & 6.2.4.11.)
CAPPED DRYER EXHAUST VENTED TO EXTERIOR. (USE 100mm (4") DIA. SMOOTH WALL VENT PIPE)

INSULATED ATTIC ACCESS (08C-9.19.2.1. & SB12-3.1.1.8)
ATTIC ACCESS HATCH WITH MIN. DIMENSION OF 545x610mm | 21 1/2'x24") & A MIN. AREA OF 0.32 SQ.M. (3.44 SQ.FT.) WITH WEATHERSTRIPPING. RSI 3.52 (R20) RIGID INSUL, BACKING.

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 CLOSET, 4 SHELVES MIN. 350mm (14") DEEP.

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

STEEL BEARING PLATE FOR MASONRY WALLS 280x280x16 (11"x11"x5/8") STL PLATE FOR STL BEAMS AND 280x280x12 (11"x11"x11/2") 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.

OR
SOLID WOOD BEARING FOR WOOD STUD WALLS
SOLID 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).

RESERVED BEARING WOOD POST (BASEMENT) (ORC 9.17.4.)
3-38x140 (3-2'x6") BUILT-UP-POST ON METAL BASE SHOE ANCHORED

TO CONC. WITH 12.7 DIA. BOLT, 610x610x300 (24'x24'x12") CONC. FOOTING. STEPPED FOOTINGS ORC 9.1 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 MPa (4640 psi) WITH 5-8% AIR ENTRAINMENT ON COMPACTED SUB-GRADE, WHERE REQUIRED, REFER TO OBC SB-12, TABLE

3.1.1.2.A. FOR REQUIRED MINIMUM INSULATION UNDER SLAB.

DIRECT VENTING GAS FURNACE/. H.W.T 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 EXHAUST TERMINALS, REFER TO GAS UTILIZATION CODE.

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

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 19X44 [1"X3"] @ 2100mm (6'-11")
O.C. UNIESS A PANEL TYPE CEILING FINISH IS APPLIED. (* SEE OBC 9.23.9.4. *)

EXPOSED BUILDING FACE OBC. 9.10.15. & SB-2-2.3.5.(2) EXTERIOR WALLS TO HAVE A FIRE RESISTANCE RATING OF NO LESS THAN 45 min. WHERE LIMITING DISTANCE (ILD) IS LESS THA 1.2M (3-1-1)", WHERE THE LO IS LESS THAN 600mm (1-1-1") THE EXPOSING FACE SHALL BE CLAD IN NON-COMBUSTIBLE MATERIAL. SEE ELEVATIONS FOR ADDITIONAL NOTES. OFFENDING GARAGE WALLS INCLUDED.

COLD CELLAR PORCH SLAB (OBC 9.39.)
FOR MAX. 2500mm (8"-2") PORCH DEPTH (SHORTEST DIM.),
125mm (5") 32MPa (4640ps) CONC. SLAB WITH 5-8% AIR
ENTRAINMENT. REINF. WITH 10M BARS @ 200mm (7 7/8") O.C.
EACH WAY IN BOTTOM THIRD OF SLAB, MIN. 30mm (1 1/4") COVER, 600x600 (23 5/8"x23 5/8") 10M DOWELS @ 600mm (23 5/8") O.C., ANCHORED IN PERIMETER FDTN. WALLS, SLOPE SLAB MIN, 1.0% FROM HOUSE WALL, SLAB TO HAVE MIN, 75mm (3") BEARING ON FOTH, WALLS, PROVIDE (L7) LINTEL OVER CELLAR DOOR WITH 100mm (4") END BEARING.
THE FDTN. WALL SHALL NOT BE REDUCED TO LESS THAN 90mm

(3-1/2") THICK TO A MAX. DEPTH OF 600mm (24") 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 SOUID WITH MORTAR.

CONVENTIONAL ROOF FRAMING (2.0Kpg. SNOW LOAD)
38x140 (2x6") RAFTERS @ 400mm (16"O.C.) FOR MAX 11"-7"
SPAN, 38x184 (2"x8") RIDGE BOARD. 38x89 (2"x4") COLLAR TIES SPAN, 38x184 (2'x8") RIDGE BOARD, 38x89 (2'x4") COLLAR IIES AT MIDSPANS, CEILING JOISTS TO BE 38x89 (2'x4") @ 400mm [16' O.C. FOR MAX, 2830mm (9'-3") SPAN & 38x140 (2'x6") @ 400 [16"] O.C. FOR MAX, 4450mm (14'-7") SPAN. RAFTERS FOR BUILT-UP ROOF TO BE 38x89 (2'x4") @ 600mm (24") O.C. WITH A 38x89 (2'x4") CENTRE POST TO THE TRUSS BELOW, LATERALLY BRACED @ 1800mm (6'-0") O.C. VERTICALLY.

GENERAL NOTES

WINDOWS: 1) MINIMUM BEDROOM WINDOW —OBC, 9.8.10.1.—
AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR IS TO HAVE MIN. 0.35m2 UNOBSTRUCTED GLAZED OR OPENABLE AREA WITH MIN. CLEAR WIDTH OF 300 mm (1'-3').

2) 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")

3) EXTERIOR WINDOWS
SHALL COMPLY WITH OBC DIV.-8 9.7.3. & SB12-3.1.1.9 MECHANICAL VENTILATION IS REQUIRED TO COMPLY WITH OBC-DIV. B, 6.2.2. SEE MECHANICAL DRAWINGS, GENERAL: 1)

ALL DOWNSPOUTS TO DRAIN AWAY FROM THE BUILDING AS PEI OBC 9.26.18.2. & 5.6.2.2.(3) AND MUNICIPAL STANDARDS.

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

STUD WALL REINFORCEMENT FOR FUTURE GRAB BARS IN MAIN BATHROOM RENIFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATER CLOSETS AND SHOWER OR BATHTUB IN MAIN BATHROOM. REFER TO OBC. 9.5.2.3, 3.8.3.8.[1](d) & 3.8.3.13.[1](f). SEE DETAIL

3.6.3.13.(1)(1), SEE DETAIL.

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

6) ALL AIR BARRIER SYSTEMS ARE REQUIRED TO COMPLY WITH O.B.C. DIV.-8 9.25.3,

ALL LUMBER SHALL BE SPRUCE NO.2 GRADE, UNLESS NOTED OTHERWISE

STUDS SHALL BE STUD GRADE SPRUCE, UNLESS NOTED OTHERWISE.

LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE No.2 GRADE PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.

ALL LAMINATED VENEER LUMBER (L.V.L.) BEAMS, GIRDER TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTIN ROOF FRAMING TO BE DESIGNED & CERTIFIED BY TRUSS MANUFACTURER.

LVL BEAMS SHALL BE 2.0E-2950FD MIN.. NAIL EACH PLY OF LVL WITH 89mm (3 1/27) LONG COMMON WIRE NAILS @ 300mm (127) O.C. STAGGERED IN 2 ROWS FOR 184, 240 8, 300mm (7 1/4-9 1/27, 11 7/87) DEPHS AND STAGGERED IN 3 ROWS FOR GREATER DEPTHS AND FOR 4 PLY MEMBERS ADD 136 DIA. GALVANIZED BOLTS BOLTED AT MID-DEPTH OF BEAM @ 915mm (3'-0") O.C.

PROVIDE FACE MOUNT BEAM HANGERS TYPE "SCL"
MANUFACTURED BY SIMPSON STRONG-TIE OR EQUAL FOR ALL LYL BEAM TO BEAM CONNECTIONS UNLESS OTHERWISE NOTED. REFER TO ENG. FLOOR LAYOUTS.

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 BE SEPARATED FROM THE CONCRETE BY AT LEAST 2 mil. POLYETHYLENE FILM, No. 50 (45bs.) ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 150mm [6"] ABOVE THE GROUND.

STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-G40-21
GRADE 300W. HOLLOW STRUCTURAL SECTIONS SHALL
CONFORM TO CSA-G40.21 GRADE 350W "STRUCTURAL
QUALITY STEEL". OBC. B-9.23.4.3.
REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M
GRADE 4.00 1)

GRADE 400R.
ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE
BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE
EXTERIOR. THE EXTERIOR SHEATHING MUST NOT BE GYPSUM
BASED, ALL STUCCO TO BE INSTALLED AS PER MANUFACTURERS
SPECIFICATIONS. STUCCO: 1)

LEGEND • CLASS 'B' VENT DUPLEX OUTLET (12" ABOVE SURFACE) 0 WEATHERPROOF DUPLEX OUTLET POT LIGHT

0 DUPLEX OUTLET (HEIGHT AF.F) GFI DUPLEX OUTLET (HEIGHT A.F.F) •

LIGHT FIXTURE (PULL CHAIN) SWITCH S FLOOR DRAIN

SJ SINGLE JOIST DOUBLE JOIST TJ

HOSE BIB (NON-FREEZE) PRESSURE TREATED LUMBER GIRDER TRUSS BY ROOF TRUSS MANUF.

EXHAUST FAN

TO EXTERIOR

HEAVY DUTY OUTLET (220 volt)

LIGHT FIXTURE (CEILING MOUNTED)

LIGHT FIXTURE (WALL MOUNTED)

TRIPLE JOIST LAMINATED VENEER LUMBER

POINT LOAD FROM ABOVE I FLAT ARCH I CURVED ARCH

MEDICINE CABINET DOUBLE VOLUME
WALL. SEE NOTE 39
CONCRETE
BLOCK WA SOLID WOOD BEARING (SPRUCE No. 2).
SOLID BEARING TO BE AS WIDE AS

SUPPORTED MEMBER OR AS DIRECTED BY STRUCTURAL ENGINEER. SOLID BEARING TO BE MINIMUM 2 PIECES. SOLID WOOD BEARING TO MATCH FROM ABOVE

ELECTRIC VEHICLE CHARGING SYSTEM (EVCS)
ROUGHIN FOR FUTURE ELECTRIC VEHICLE SUPPLY EQUIPMEN (CHARGING SYSTEM) TO BE INSTALLED. ROUGHIN SHALL INCLUDE:

A minimum 200 amp Panelboard,
Condult that is not less than 1 1/16" (27mm) trade size,
A square 4 11/16" (119mm) trade size electrical outlet Eumenroofed Electrical outlet box to be installed in

SOIL GAS/ RADON CONTROL (OBC 9.1.1.7. & 9.13.4.) INTO THE BUILDING IF REQUIRED.

the Garage or carport or adjacent to driveway.
REFER TO 2012 OBC. 9.34.4.

ONTRACTOR MUST VERIEY ALL DIMENSIONS ON THE JOR AND REPORT ANY DISCREPANCY TO VA3 DESIGN BEFORE PROCEEDING WITH THE WORK, ALL DRAWINGS AND SPECIE PROCEEDING WITH THE WORK, ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND THE PROPERTY OF VA3 DESIGN WHICH IF REQUESTED, MUST BE RETURNED AT THE COMPLETION OF THE WORK, ALL DRAWINGS TO BE USED FOR CONSTRUCTION ONLY AFTER BUILDING PERMIT HAS BEEN ISSUED.

RC

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.#2 CONTIN. STUDS @ 300mm (12")
O.C. [TRIPLE UP AT EVERY THIRD DOUBLE STUD FOR BRICK
WALLS) C/W 9.6 (3/8") THICK EXT. PLYWOOD SHEATHING.
PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS. @ 1220 mm (4-0") O.C. VERTICALLY, -FOR WALLS WITH HORIZ. DISTANCES NOT EXCEEDING 2900 mm (9'-6"), PROVIDE 38x140 (2'x6") STUDS @ 400 (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 GRAD, CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES AND HEADERS.

TYPICAL 1 HOUR RATED PARTY WALL.
REFER TO DETAILS FOR TYPE AND SPECIFICATIONS.

FOUNDATION WALL (W.O.D., /W.O.B.) - WHERE GRADE TO T/O BASEMENT SLAB EXCEEDS 1200mm (3'-11") A 250mm (10") WIDE FOUNDATION WALL IS

EXTERIOR WALLS FOR WALK—OUT CONDITIONS
THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2) STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm

DRAIN WATER HEAT RECOVERY UNIT (DWHR) PER S912-3.1.1.12., 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 WHERE THERE ARE TWO OR MORE SHOWERS IN THE
DWELLING UNIT. DOES NOT APPLY IF THERE ARE NO SHOWERS
OR NO STOKEY BENEATH ANY OF THE SHOWERS.

♦ REVISED ONT. REG. 332/12-2012 OBC Amendment O. Reg. 139/17 JUNE 19, 2017 WOOD LINTELS AND BUILT-UP WOOD BEAMS 2/38 × 184 (2/2" × 8") SPR.#2 3/38 × 184 (3/2" × 8") SPR.#2 4/38 × 184 (4/2" × 8") SPR.#2 5/38 × 184 (5/2" × 8") SPR.#2 2/38 x 235 (2/2" x 10") SPR,#2 3/38 x 235 (3/2" x 10") SPR,#2 4/38 x 235 (4/2" x 10") SPR,#2 **B3**

2/38 x 286 (2/2" x 12") SPR.#2 3/38 x 286 (3/2" x 12") SPR.#2 4/38 x 286 (4/2" x 12") SPR.#2 LOOSE STEEL LINTELS

89 x 89 x 8.4L (3-1/2" x 3-1/2" x 1/4"L) 89 x 89 x 7.9L (3-1/2" x 3-1/2" x 5/16"L) 102 x 89 x 7.9L (4" x 3-1/2" x 5/16"L) 127 x 89 x 7.9L (6" x 3-1/2" x 5/16"L) 152 x 89 x 10.0L (6" x 3-1/2" x 3/8"L) 152 x 80 x 10.0L (6" x 3 -1/2" x 3/8"L) 178 x 102 x 11.0L (6"x 4" x 7/18"L) 178 x 102 x 13.0L (7" x 4" x 1/2"L)

LAMINATED VENEER LUMBER (LVL) BEAMS LVL1A 1-1 3/4"x7 1/4" (1-45x184) LVL1 2-1 3/4*x7 1/4" (1-40x184) LVL1 2-1 3/4*x7 1/4" (2-45x184) LVL2 3-1 3/4*x7 1/4" (3-45x184) LVL3 4-1 3/4*x7 1/4" (4-45x184) LVL4A 1-1 3/4*x9 1/2" (1-45x240) LVL4 2-1 3/4*x9 1/2" (2-45x240) LVL5 3-1 3/4*x9 1/2" (3-45x240) LVL5 3-1 3/4*x9 1/2" (3-45x240) LVL5A 4-1 3/4"x9 1/2" (4-45x240)

4-1 3/4"x11 7/8" (4-45x300) 1. DOOR SCHEDULE EXTERIOR 815 x 2030 x 45 DOOR (2'-8" x 6'-8" x 1-3/4") INSULATED MIN. RSI 0.7 (R4) 1A EXTERIOR 865 x 2030 x 45 DOOR (2'-10" x 6'-8" x

LVL6A 1-1 3/4"x11 7/8" (1-45x300) LVL6 2-1 3/4"x11 7/8" (2-45x300) LVL7 3-1 3/4"x11 7/8" (3-45x300)

(2'-10" x 6'-8" x 1-3/4") B EXTERIOR 915 x 2030 x 45 DOOR (3'-0" x 6'-6" x 1-3/4") | DOOR | (3'-0' x 8'-6' x 1-3/4') |
EXTERIOR	915 x 2438 x 45
DOOR	(3'-0' x 8'-0' x 1-3/4')
EXTERIOR	960 x 2438 x 45
DOOR	(2'-10' x 8'-0' x 1-3/4')
EXTERIOR	960 x 2438 x 45
DOOR	(2'-10' x 8'-0' x 1-3/4')
NITERIOR	815 x 2030 x 35
DOOR	(2'-6' x 6'-6' x 1-3/8')

2A EXTERIOR 815 x 2030 x 45
DOOR (2'-8" x 6'-8" x 1-3/4") 20
MIN. RATED DOOR AND FRAME,
WITH APPROVED SELF CLOSING

| WITH APPROVED SELF CLOSING
| EXTERIOR BRIDE
| EXTERIOR BRIDE
| BIS x 2030 x 45 | DOOR (2'-6" x 6'-6" x 1-3/4") |
| WEATHER SITSPPING INSTALLED) |
| INTERIOR BIS x 2438 x 45 |
| DOOR (2'-6" x 6'-0" x 1-3/4") |

2D DOOR 815 x 2438 x 45 (2'-8" x 8'-0" x 1-3/4") 20 MIN. RATED DOOR AND FRAME, WITH APPROVED SELF CLOSING

760 x 2030 x 35 (2'-6" x 6'-6" x 1-3/8") 3. INTERIOR DOOR 3A INTERIOR 710 x 2030 x 35 DOOR (2'-4" x 6'-8" x 1-3/8") 3B INTERIOR 780 x 2438 x 35 DOOR (2'-6" x 6'-0" x 1-3/8") 3C INTERIOR 710 x 2438 x 35 DOOR (2'-4" x 8'-0" x 1-3/8")

INTERIOR 610 x 2030 x 35 DOOR (2'-0" x 6'-8" x 1-3/8") (4.) (4A) INTERIOR 660 x 2030 x 35 DOOR (2'-2" x 6'-8" x 1-3/8") 4C INTERIOR 660 x 2438 x 35 DOOR (2'-2" x 8'-0" x 1-3/8")

5. INTERIOR 480 x 2030 x 35 DOOR (1'-6" x 6'-8" x 1-3/6") 6. EXTERIOR 815 x 2030 x 45 DOOR (2'-8" x 6'-8" x 1-3/4") SOLID WOOD CORE MECHANICAL SYMBOLS

*1 HEAT PIPE WARM AIR RETURN AIR DUCT PLUMBING (TOILET) PLUMBING (BATH. SINK, SHOWER) SMOKE ALARM (REFER TO OBC 9.10.19)

PROVIDE 1 PER FLOOR, NEAR THE STAIRS CONNECTING THE FLOOR LEVEL AND ALSO 1 IN EACH BEDROOM NEAR HALL DOOR, ALARMS TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND INTERCONNECTED TO ACTIVATE ALL ALARMS IF 1 SOUNDS, BATTERY BACK-UP REQUIRED.

SMOKE ALARMS TO INCORPORATE VISUAL SIGNALLING COMPONENT (9.10.19.3.(31). CARBON MONOXIDE ALARMS (OBC 9.33.4.) WHERE A FUEL-BURNING APPLIANCE IS INSTALLED IN A DWELLING UNIT. CARBON MONOXIDE ALARM CONFORMING TO CAN /CSA-4 19 OF LIZO34 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. REFER TO

REFER TO UNIT DRAWINGS OR PAGE CN-2 FOR SB-12 COMPLIANCE PACKAGE AT TO BE USED FOR THIS MODEL. The minimum thermal performance of building envelope and equipment shall conform to the selected package unless otherwise noted.

MANUFACTURER FOR ADDDITIONAL REQUIREMENTS.

2018 VA3 REFERENCE NUMBER

16023

2 UPDATE TO 2018 JAN 11-18 RC ISSUE FOR CLIENT REVIEW AUG 04-17 RC no. description date

The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Code to be a Des Wellington Jno-Baptiste 25591

VA3 Design inc. 42658 Contractor must verify all dimensions on discrepancy to the Designer before proces drawings and specifications are instrument ons on the job and report any proceeding with the work. All struments of service and the p which must be returned at the cor by Drawings are not to be scaled

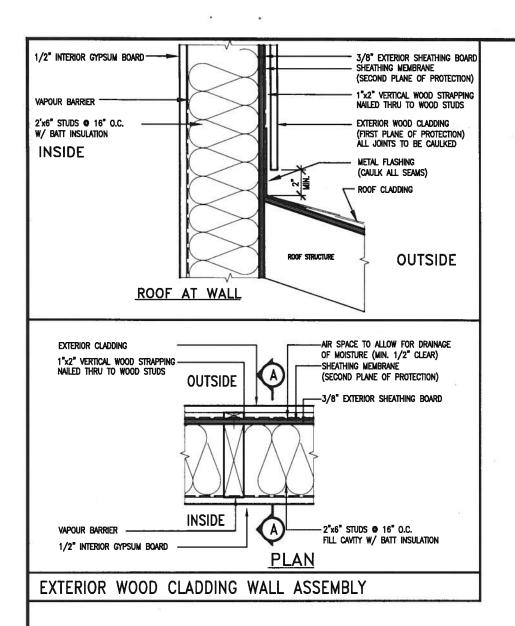


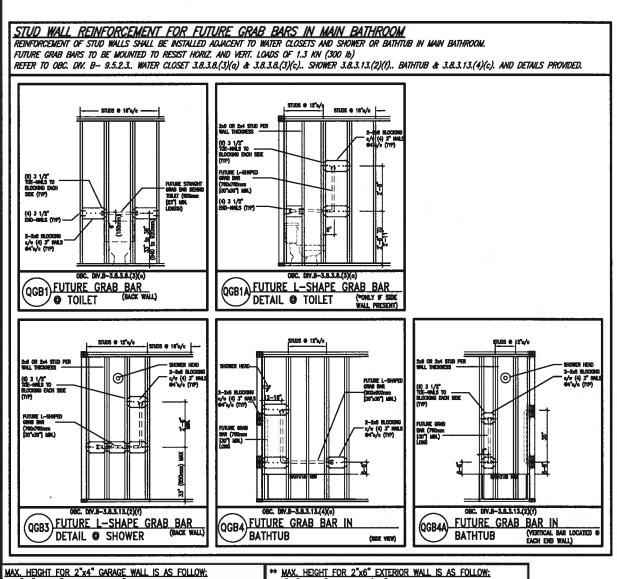
BAYVIEW WELLINGTON

CONST NOTE

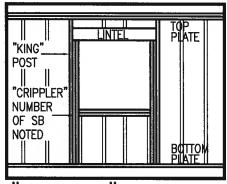
GREEN VALLEY EAST BRADFORD MAY 2016 CONSTRUCTION NOTES 3/16" = 1'-0" 16023-CN-A1

va3design.com RICHARD — H:\ARCHIVE\WORKING\2016\16023.BW\Units\CN NOTES\16023—CN-A1.dwg — Thu — Jan 11 2018 — 10:08 AM design are the copyright property of VA3 DESIGN. Reproduction of this property in whole or in part is strictly prohibited without VA3 DESIGN's written permission

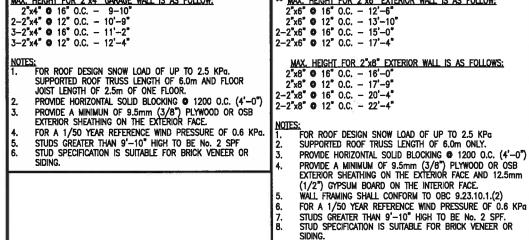








CRIPPLE" DETAIL



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1	ISSUE FOR CLIENT REVIEW AU	G	04-	17	RC	drawings of the I
no.	description	7	late		by	Drawings

dersigned has reviewed and takes responsibility for this design is the qualifications and meets the requirements set out in the Building Code to be a Designer. ngton Jno-Baptiste (18051257E 25591 42658 Design Inc. 8 RC Contractor must verify all dimensions on the job and report any facereparacy 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.

** STUD INFORMATION TAKEN FROM OBC TABLE A-30

255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com

RC

BAYVIEW	WELLINGTON

CONST NOTE

project name
GREEN VALLEY EAST BRADFORD date MAY 2016 drawn by CONSTRUCTION NOTES

3/16" = 1'-0"

file nom 16023-CN-A1 RICHARD - H:\ARCHIVE\WORKINC\2016\16023.BW\Units\CN NOTES\16023-CN-A1.dwg - Thu - Jon 11 2018 - 10:08 AM

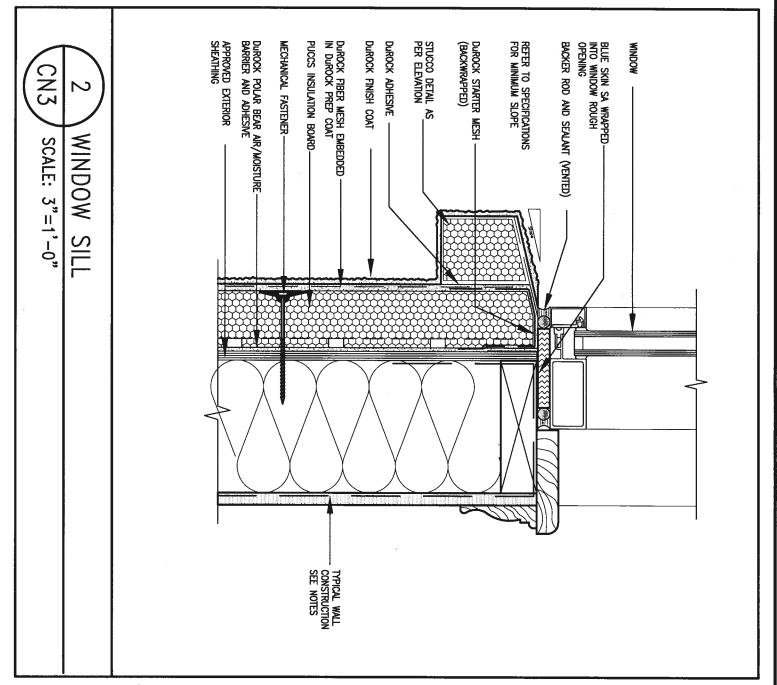
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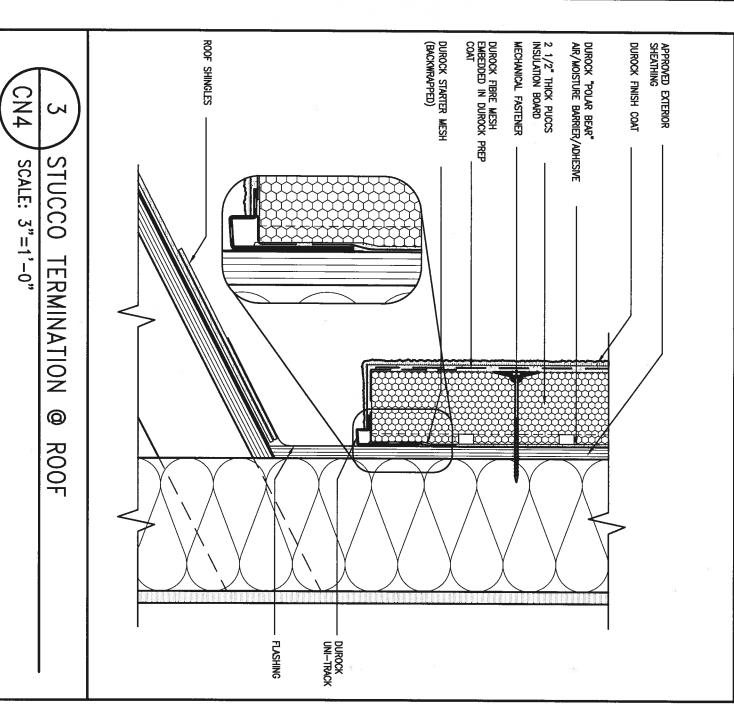
DUROCK STARTER MESH (BACKWRAPPED) STUCCO DETAIL
AS PER ELEVATION REFER TO SPECIFICATIONS FOR MINIMUM SLOPE DUROCK ADHESIVE RUBBER MEMBRANE Durock Finish Coat Durock fiber mesh embedded in Durock prep coat PUCCS INSULATION BOARD DUROCK POLAR BEAR AIR/MOISTURE BARRIER APPROVED EXTERIOR SHEATHING MECHANICAL FASTENER-CN3 SCALE: 3"=1'-0'WINDOW HEADER CAULKING DUROCK POLAR BEAR AIR/MOISTURE BARRIER PREFINISHED MLT FLASHING FOR MOISTURE DRAIN OUT RUBBER MEMBRANE OVERLAPPING FLASHING BLUE SKIN SA WRAPPED INTO WINDOW ROUGH OPENING DUROCK STARTER MESH (BACKWRAPPED) WINDOW BLUE SKIN SA WRAPPED INTO WINDOW ROUGH OPENING CAULKING - TYPICAL WALL CONSTRUCTION SEE NOTES

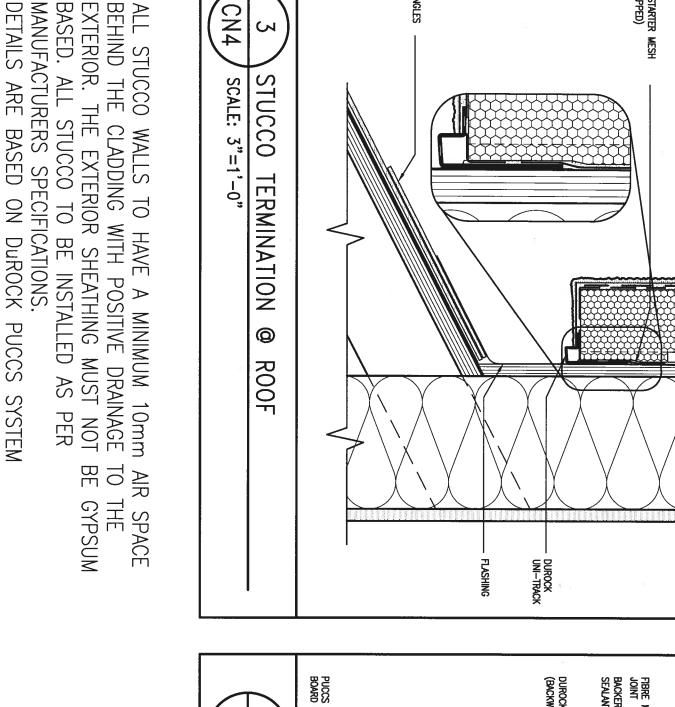
ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR. THE EXTERIOR SHEATHING MUST NOT BE GYPSUM BASED. ALL STUCCO TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS.

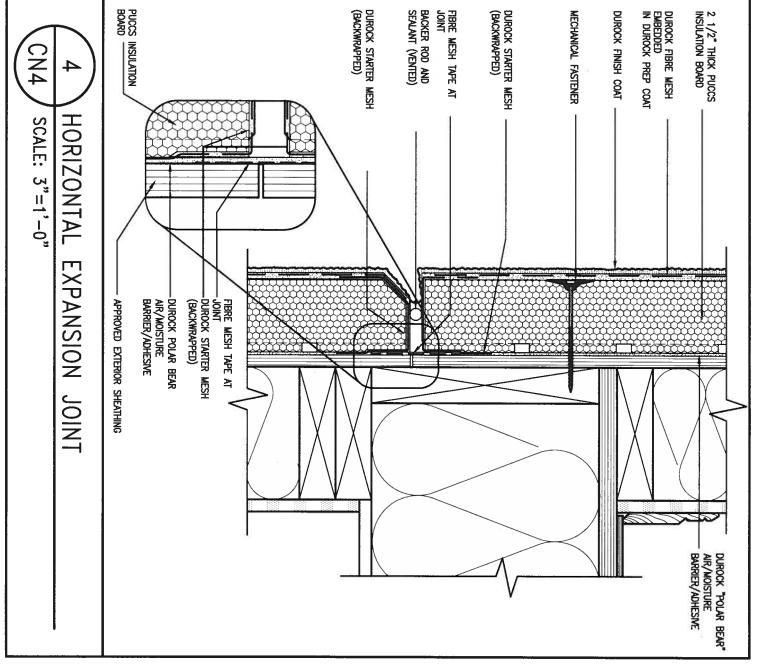
DETAILS ARE BASED ON DUROCK PUCCS SYSTEM



CONST NOTE BAYVIEW WELLINGTON 25591 registration information VA3 Design Inc. BCB GREEN VALLEY EAST BRADFORD 16023 42658 MAY 2016 CONSTRUCTION NOTES Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be acaded. 255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 2 UPDATE TO 2018 JAN 11-18 RC 3/16" = 1'-0" drawn by RC 1 ISSUE FOR CLIENT REVIEW AUG 04-17 RC 16023-CN-A1 no. description date by va3design.com RICHARD - H:\ARCHIVE\WORKING\2016\16023.BW\Units\CN NOTES\16023-CN-A1.dwg - Thu - Jon 11 2018 - 10:09 AM All drawings specifications, related documents and design are the copyright property of VA3 DESIGN. Reproduction of this property in whole or in part is strictly prohibited without VA3 DESIGN's







CONST NOTE BAYVIEW WELLINGTON BOSISTE 25591 GREEN VALLEY EAST BRADFORD 16023 VA3 Design inc. 42658 MAY 2016 CONSTRUCTION NOTES Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled. 255 Consumers Rd Suite 120 Toronto ON M2J 1R4 UPDATE TO 2018 JAN 11-18 RC drawn by RC 3/16" = 1'-0" 1 ISSUE FOR CLIENT REVIEW t 416.630.2255 f 416.630.4782 va3design.com AUG 04-17 RC no. description by RICHARD - H:\ARCHIVE\WORKING\2016\16023.BW\Units\CN NOTES\16023-CN-A1.dwg - Thu - Jan 11 2018 - 10:10 AM All drawings specifications, related documents and design are the copyright property of VAS DESIGN. Reproduction of this property in whole or in part is strictly prohibited without VAS DESIGN's

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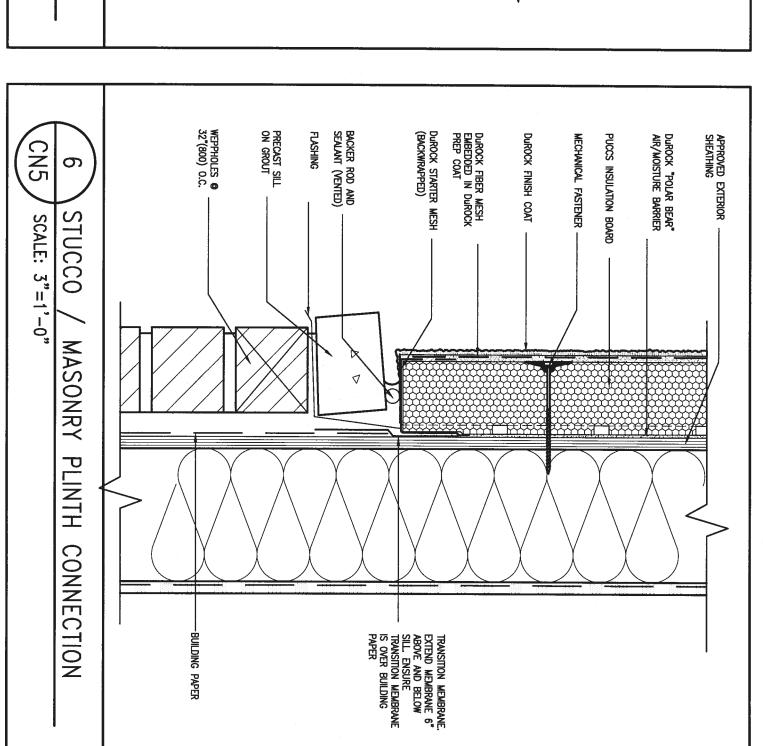
FROM SIES 1000

ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR SHEATHING MUST NOT BE GYPSUM

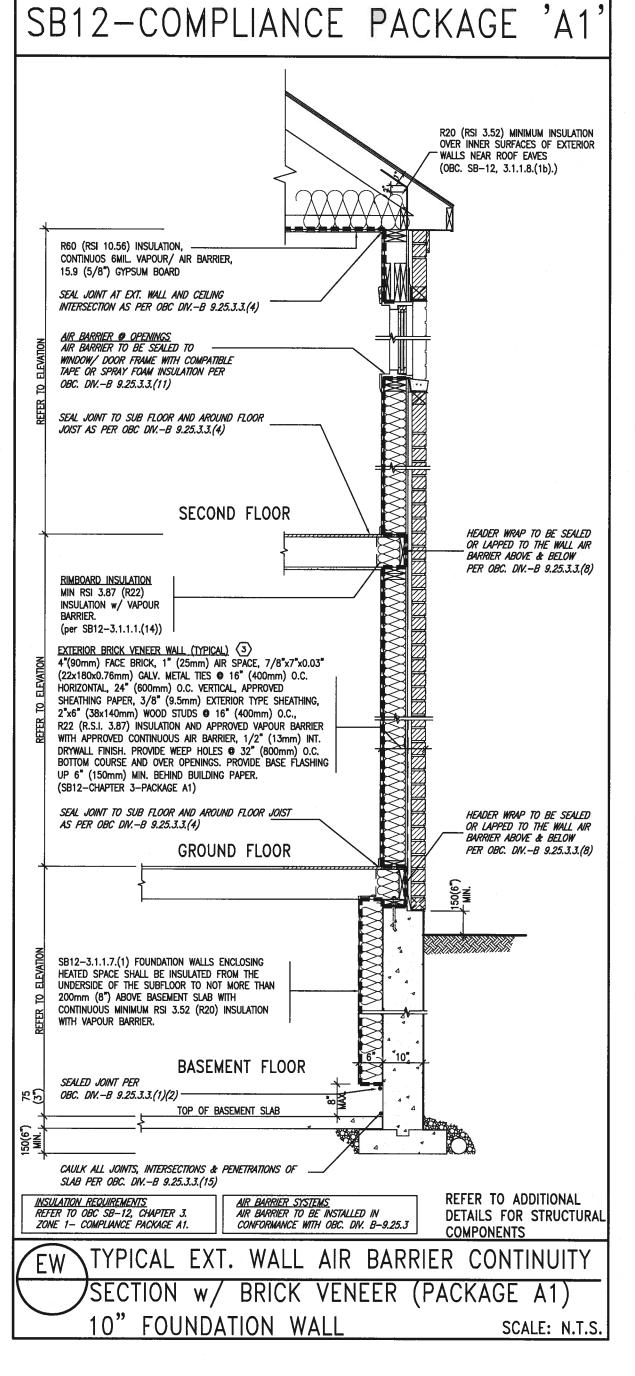
DETAILS ARE BASED ON DUROCK PUCCS SYSTEM

MANUFACTURERS SPECIFICATIONS.

BASED. ALL STUCCO TO BE INSTALLED AS PER



CONST NOTE BAYVIEW WELLINGTON 25591 name registration information VA3 Design Inc. BCB BRADFORD GREEN VALLEY EAST 16023 42658 date MAY 2016 CONSTRUCTION NOTES Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled. 255 Consumers Rd Suite 120 Toronto ON M2J 1R4 4 416.630.2255 f 416.630.4782 2 UPDATE TO 2018 JAN 11-18 RC drawn by RC file name 1 ISSUE FOR CLIENT REVIEW AUG 04-17 RC 16023-CN-A1 3/16" = 1'-0" no. description date by va3design.com RICHARD - H:\ARCHIVE\WORKING\2016\16023.BW\Units\CN NOTES\16023-CN-A1.dwg - Thu - Jon 11 2018 - 10:10 AM All drawings specifications, related documents and design are the copyright property of VAS DESIGN. Reproduction of this property in whole or in part is strictly prohibited without VAS DESIGN.



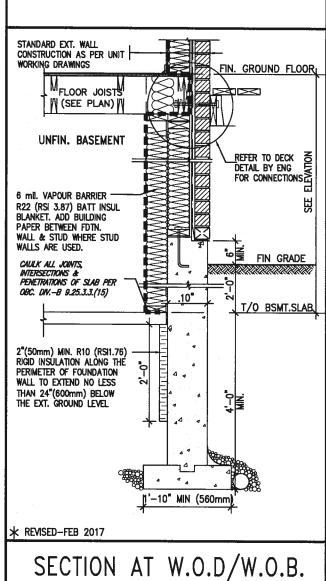
THE MINIMAL THERMAL PERFORMANCE OF BUILDING ENVELOPE AND EQUIPMENT SHALL CONFORM TO THE FOLLOWING SB-12 COMPLIANCE PACKAGE AS PER OBC SUPPLEMENTARY STANDARD SB-12, SECTION 3.1.1.1.

USE SB-12 COMPLIANCE PACKAGE (A1):

COMPONENT	A1	Notes:				
Ceiling 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	1.6					
Skylights Maximum U-value	2.8U					
Space Heating Equipment Minimum AFUE	96% Min.	NATURAL GAS				
Hot Water Heater Minimum EF	0.8	NATURAL GAS				
HRV Minimum Efficiency	75%	_				
Drain Water Heat Recovery Unit (DWHR)	Dependent on m	Maximum 2 Required. number of showers installed. 3.1.1.12 for information				

ci- Denotes Continuous Insulation without framing interruption.





9			•	The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the
8			Ŀ	Ontario Building Code to be a Designer.
7	•			qualification information
6	•			Wellington Jno-Baptiste 1 150512575 25591
5	•			name , signature SCN
4	•		•	registration information VA3 Design Inc. 42658
3				
2	UPDATE TO 2018	JAN 11-18	RC	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All
1	ISSUE FOR CLIENT REVIEW	AUG 04-17	RC	drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work.
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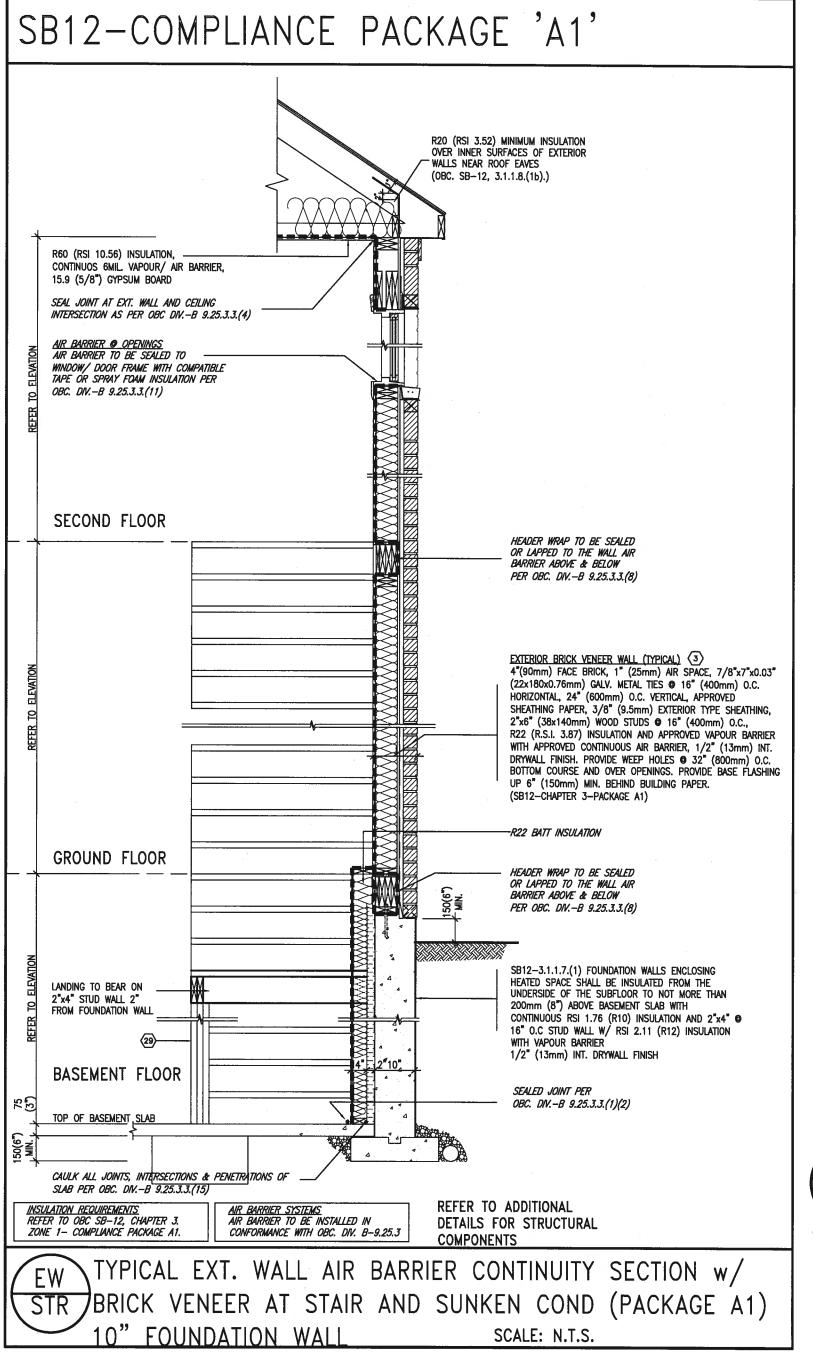
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GREEN VALLEY EAST BRADFORD

CONSTRUCTION NOTES

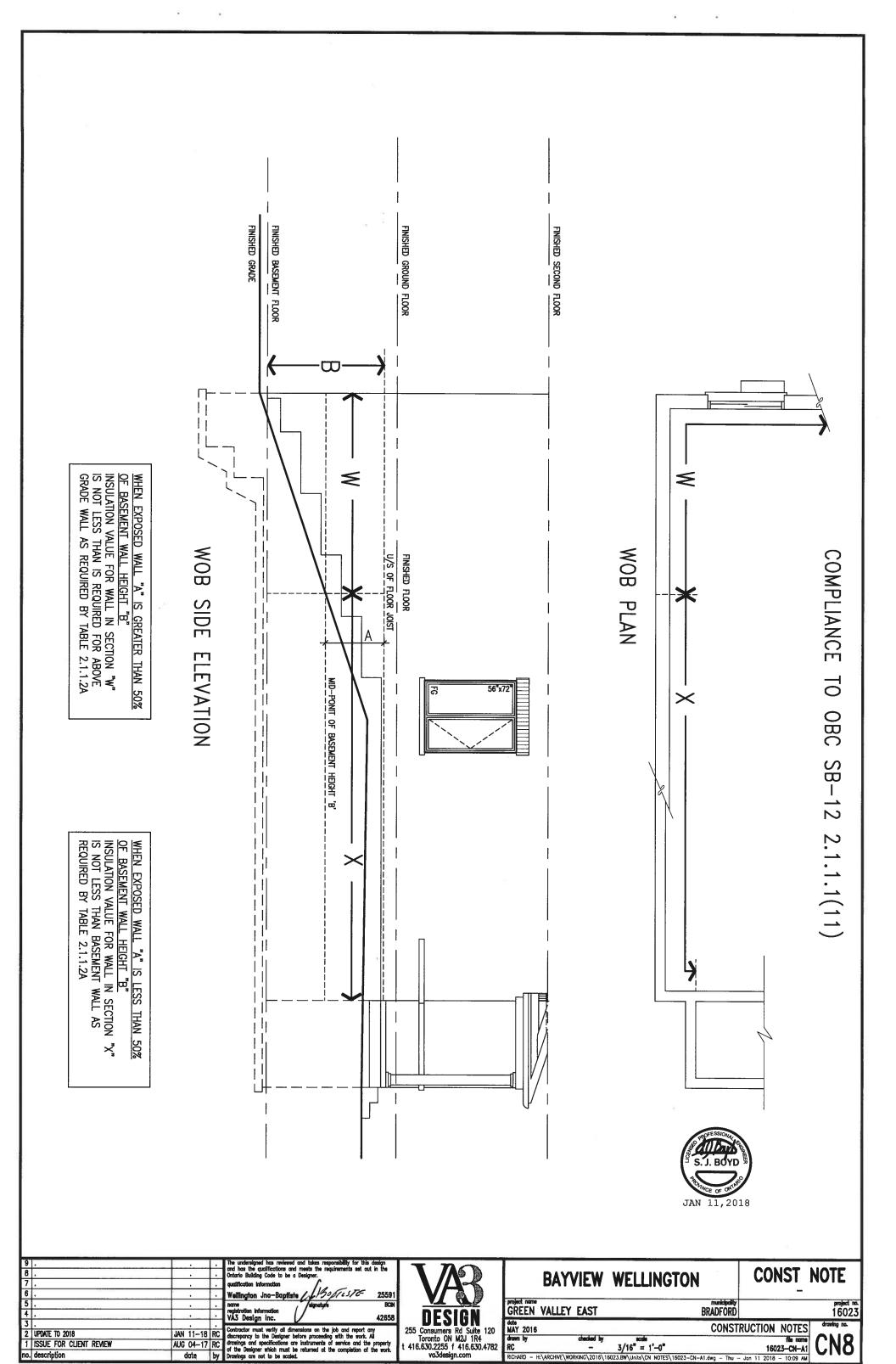
3/16" = 1'-0" 16023-CN-A1 RICHARD - H:\ARCHIVE\WORKING\2016\16023.BW\Units\CN NOTES\16023-CN-A1.dwg - Thu - Jan 11 2018 - 10:10 AM

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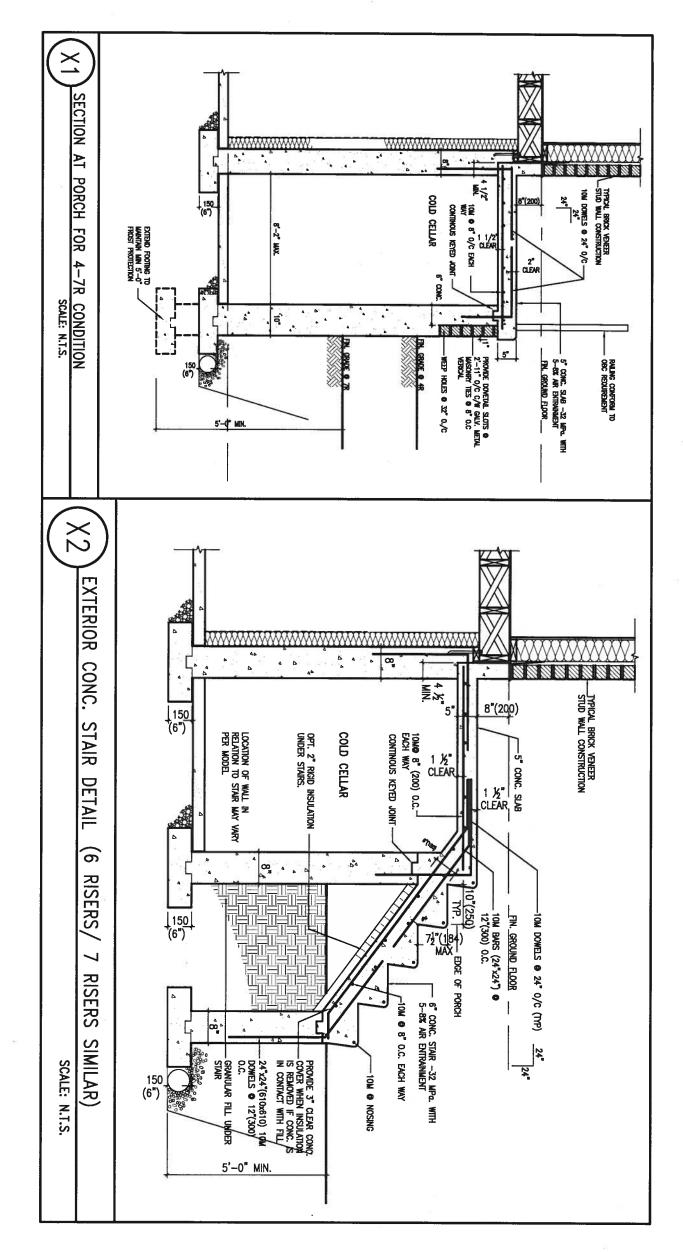




9 . 8 . 7 . 6 .		· ·	The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ordanio Building Code to be a Designer. qualification Information Wellington Jno-Baptiste / JSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	VAR	BAYVIEW	WELLINGTON	CONST_NOTE
5.		÷	name signature BCB registration information VA3 Design Inc. 42658	DEGLON	project name GREEN VALLEY EAST	municipality BRADFORD	project no. 16023
3 . 2 UPDATE TO 2018 1 ISSUE FOR CLIENT REVIEW	JAN 11-18 AUG 04-17 date	RC	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned to the completion of the work.	255 Consumers Rd Suite 120		3/16" = 1'-0"	RUCTION NOTES file name 16023-CN-A1 TRUCTION NOTES file name CN7
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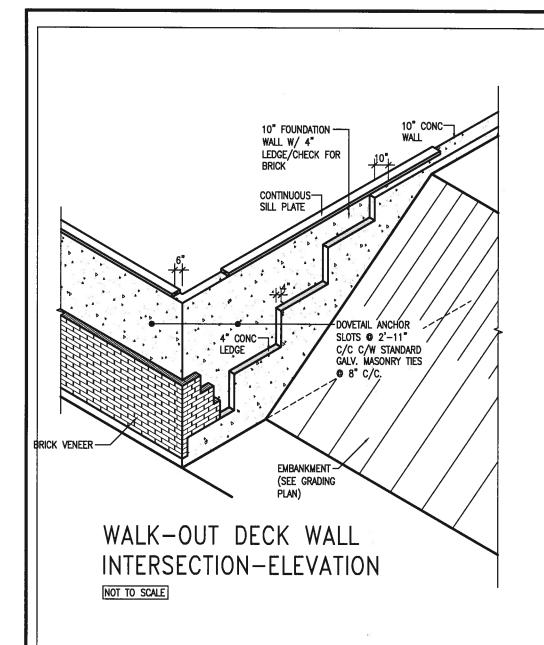
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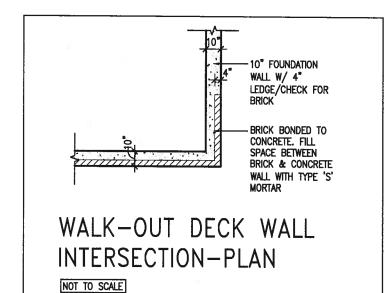




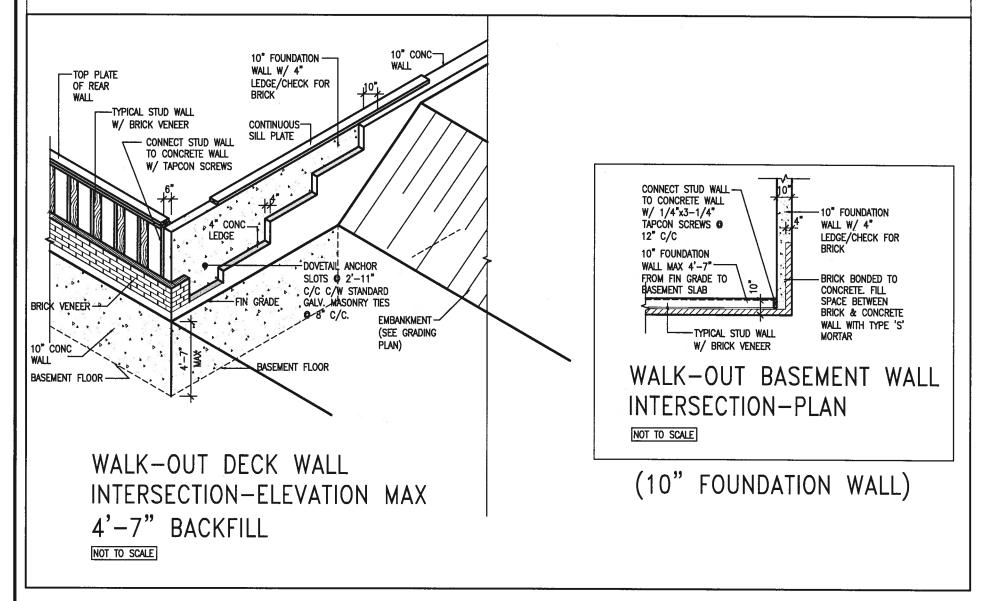
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5 . 4 .			name registration information VA3 Design Inc. Asignature BCR 42658	DEGLON	GREEN VALLEY EAST	municipality BRADFORD	
3 . 2 UPDATE TO 2018	JAN 11-18	RC	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All	255 Consumers Rd Suite 120 Toronto ON M2J 1R4	MAY 2016 drawn by checked by	CONST	RUCTION NOTES drawing no.
1 ISSUE FOR CLIENT REVIEW no. description	AUG 04-17 date	RC	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.	t 416.630.2255 f 416.630.4782	RC –	3/16" = 1'-0" 6023.BW\Units\CN NOTES\16023-CN-A1.dwg - Thu -	16023-CN-A1 - Jan 11 2018 - 10:09 AM

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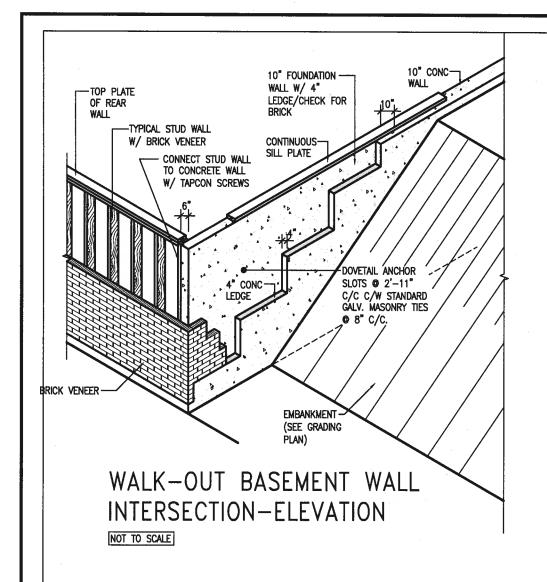


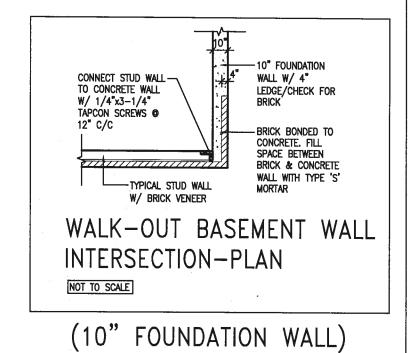
(10" FOUNDATION WALL)

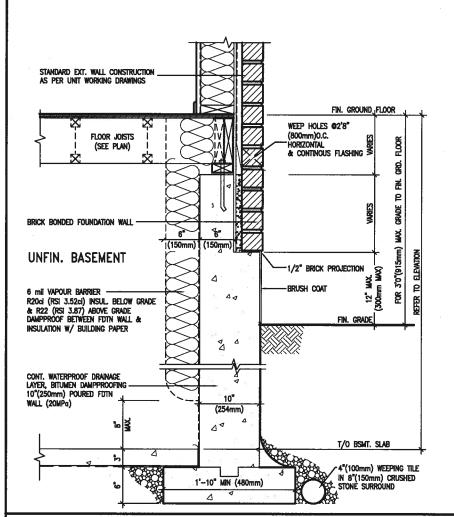




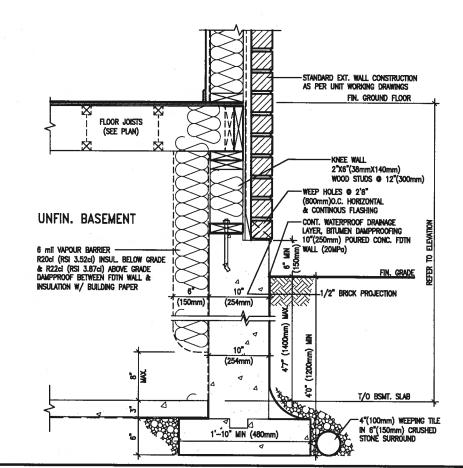
9 . 8 . 7 . 6 .		•	The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Oritario Building Code to be a Designer. qualification information Wellington Jno-Baptiste (1990) (1997) 25591	VAR	_		WELLINGTON	CONST	NOTE
5 . 4 .		<u>:</u>	name signature BCN registration information VA3 Design Inc. 42658	DESIGN	GREEN	VALLEY EAST		municipality DFORD	project no. 16023
3 . 2 UPDATE TO 2018	JAN 11-18	RC	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	MAY 2016	checked by		CONSTRUCTION NOT	S drawing no.
1 ISSUE FOR CLIENT REVIEW	AUG 04-17 date	RC	drowings 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.	t 416.630.2255 f 416.630.4782	RC		3/16" = 1'-0" 6023.BW\Units\CN NOTES\16023-CN-A1.do	16023CN-	MUINIUI







WALL SECTION FOR GRADE TO FIN. FLOOR MORE THAN 4'7" (1400mm) EW3.06x HEIGHT DIFFERENCE PKG A1/ SCALE: N.T.S.



WALL SECTION FOR GRADE TO BASEMENT SLAB 4'7"(1400mm) EW3.07x MAX. HEIGHT DIFFERENCE PKG A1/ SCALE: N.T.S.

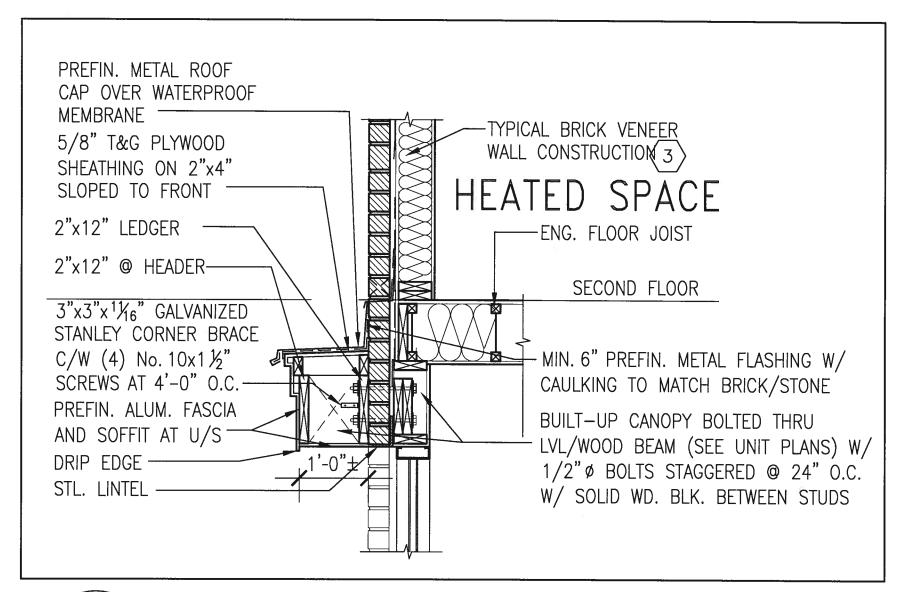


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4 .			normal registration information VA3 Design Inc. A2658	DESIGN	groject name GREEN		municipality BRADFORD	
2 UPDATE TO 2018 1 ISSUE FOR CLIENT REVIEW	JAN 11-18 AUG 04-17	RC RC	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property	255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782	MAY 2016 drawn by	checked by	3/16" = 1'-0"	RUCTION NOTES
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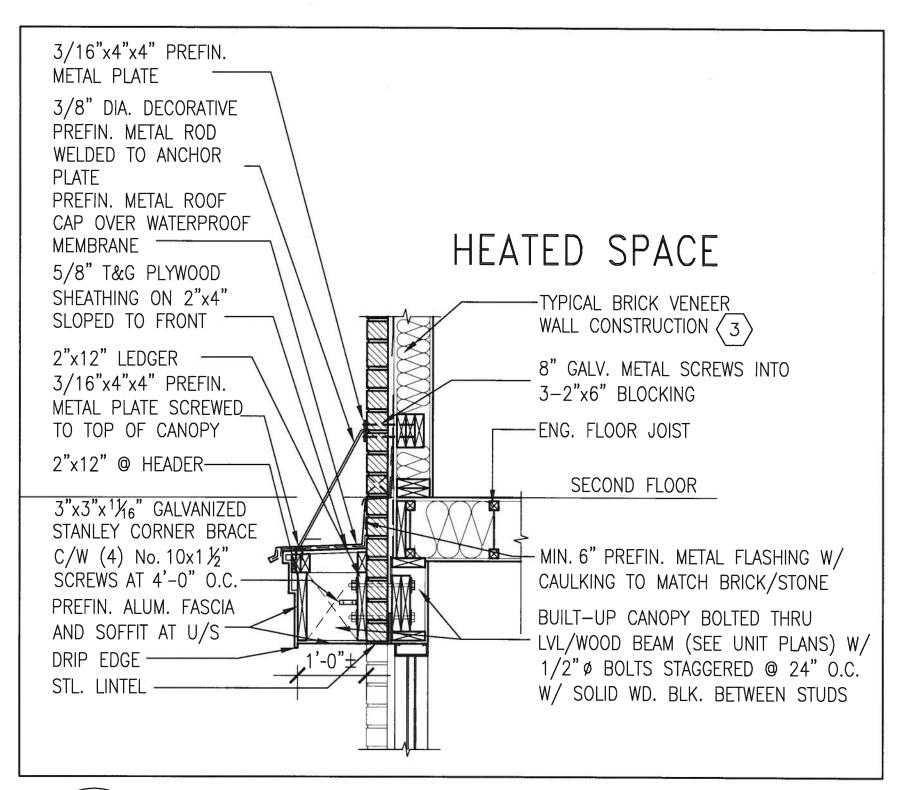


SECTION THROUGH CANOPY

SCALE 1/2" = 1'-0"



9 . 8 . 7 . 6 .		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 Wellington Jno-Baptiste / 180/10176 25591	VAR		WELLINGTON	CONST_NOTE	
5		name registration information VA3 Design Inc. degradure BCN 42658	DESIGN	GREEN VALLEY EAST	BRADFORD	project no. 1 6023	
2 UPDATE TO 2018 1 ISSUE FOR CLIENT REVIEW no. description	AUG 04-17 RC	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drowings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drowings are not to be scaded.	255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782	MAY 2016 drawn by checked by RC —	scale 3/16" = 1'-0"	RUCTION NOTES file name 16023-CN-A1 CN12	
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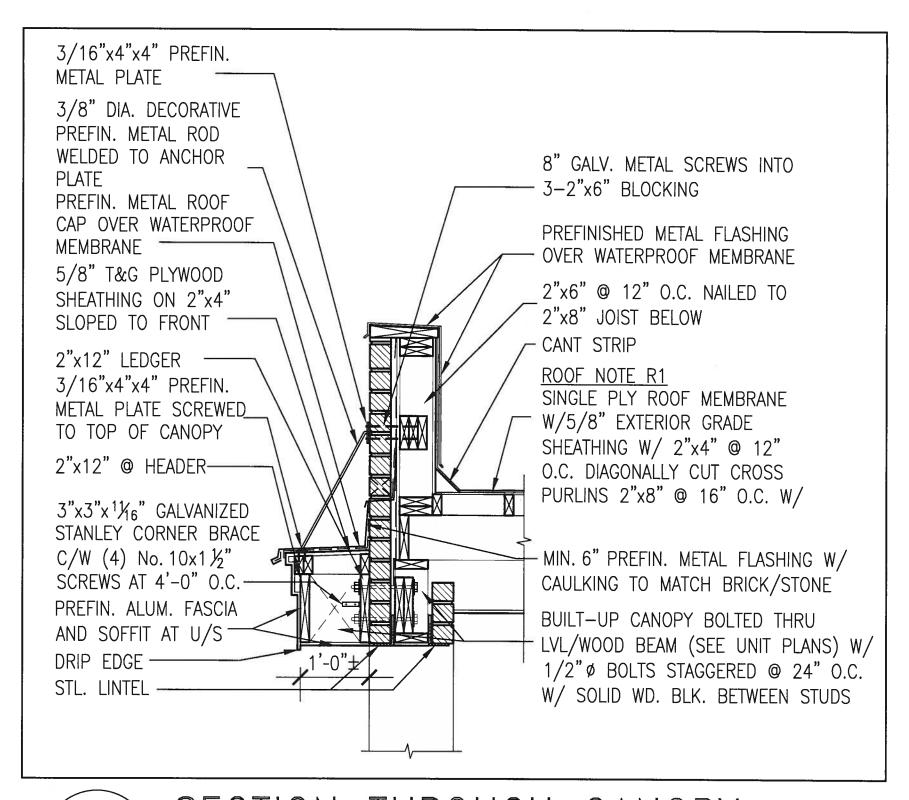
SECTION THROUGH CANOPY

W/ DECORATIVE ROD SCALE 1/2" = 1'-0"



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9 . 8 . 7 . 6 .		The undersigned has reviewed and takes responsibility for this design and has the qualifications and meats the requirements set out in the Ontario Building Code to be a Designer. qualification information Wellington Jno-Baphiste / JBOT(1)76- 25591	VAR	BAYVIEW WELLINGTON	CONST_NOTE
5 .		norme registration information VA3 Design Inc. 42658	DECIGN	GREEN VALLEY EAST BRADFORD	project no. 16023
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SECTION THROUGH CANOPY W/ DECORATIVE ROD SCALE 1/2" = 1'-0"



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8 .			Ontario Building Code to be a Designer.		DAVVIEW	WELLINGTON	CONST NOTE
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6 .			Wellington Jno-Baptiste (1805/1576 25591	VAB			-
5 .			name , /eignature BCIN	V4 (4)	project name	municipality	project no.
4 .			registration information VA3 Design Inc. 42658	DESIGN	GREEN VALLEY EAST	BRADFORD	16023
3 .					date	CONST	RUCTION NOTES drowing no.
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