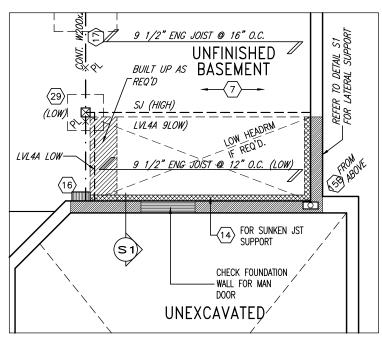


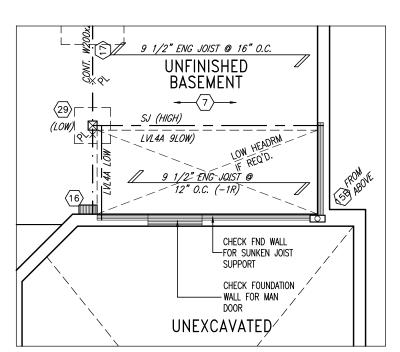
AREA CALCULATIONS	ELEV. A	ELEV. A W/ OPT. LOGGIA	ELEV. B	ELEV. B w/ opt. loggia	ELEV. C	ELEV. C w/ opt. loggia
GROUND FLOOR AREA SECOND FLOOR AREA	1247 SF 1549 SF	1247 SF 1549 SF	1251 SF 1559 SF	1251 SF 1559 SF	1250 SF 1552 SF	1250 SF 1552 SF
SUBTOTAL DEDUCT ALL OPEN AREAS	2796 SF 13 SF	2796 SF 13 SF	2810 SF 13 SF	2810 SF 13 SF	2802 SF 13 SF	2802 SF 13 SF
TOTAL NET AREA	2783 SF (258.55 m2)	2783 SF (258.55 m2)	2797 SF (259.85 m2)	2797 SF (259.85 m2)	2789 SF (259.11 m2)	2789 SF (259.11 m2)
FINISHED BSMT AREA	0 SF					
COVERAGE W/OUT PORCH	1701 SF (158.03 m2)	1701 SF (158.03 m2)	1704 SF (158.31 m2)	1704 SF (158.31 m2)	1703 SF (158.21 m2)	1703 SF (158.21 m2)
COVERAGE W/ PORCH	1764 SF (163.88 m2)	1901 SF (176.61 m2)	1774 SF (164.81 m2)	1911 SF (177.54 m2)	1776 SF (165.00 m2)	1913 SF (177.72 m2)

REFER TO FULL PLANS FOR TYPICAL NOTES.



PART BSMT PLAN

MUDROOM SUNKEN >1R

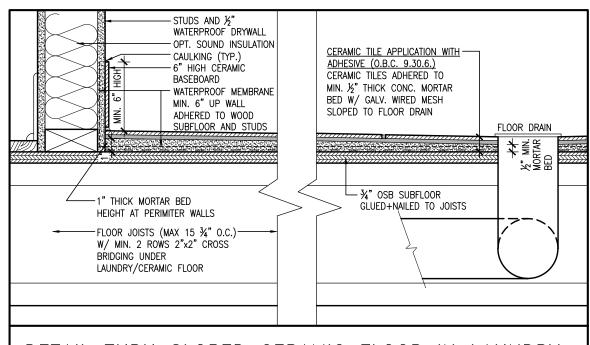


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This is to certify that these plans comply with the applicable Architectural Design Guidellines approved by the Town of BRADFORD / WEST GWILLIMBURY.

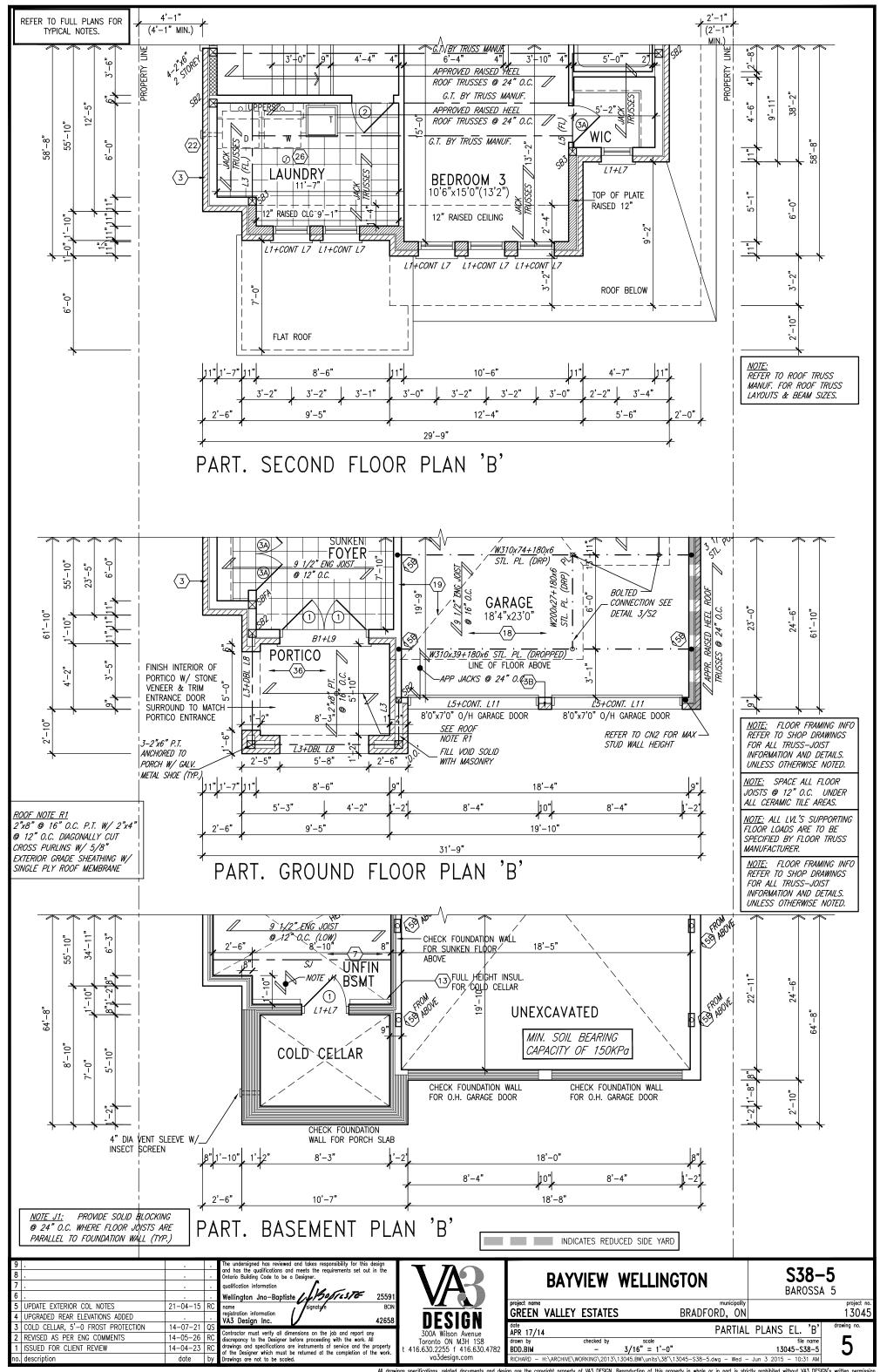
PART BSMT PLAN

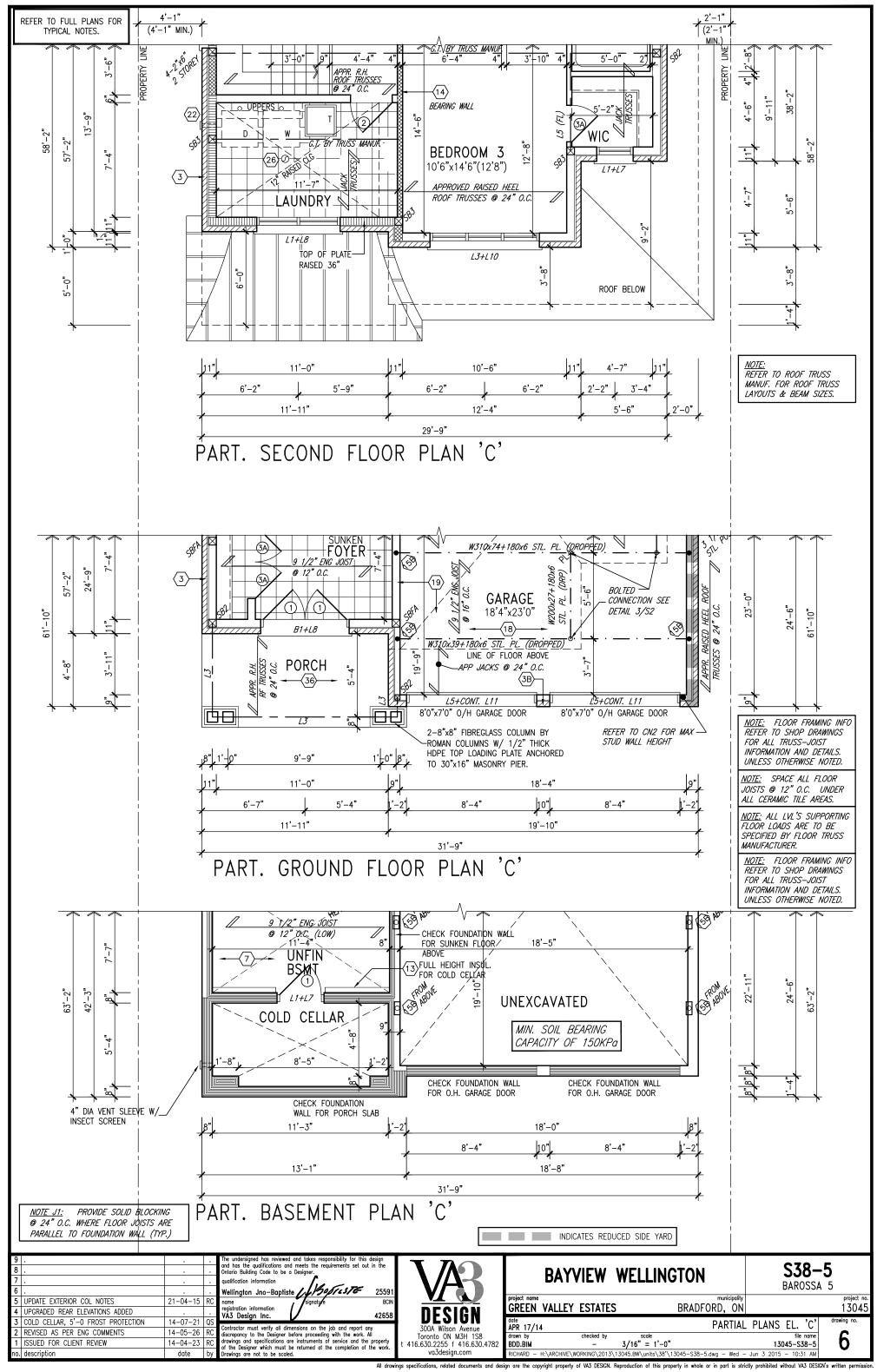
MUDROOM SUNKEN 1R

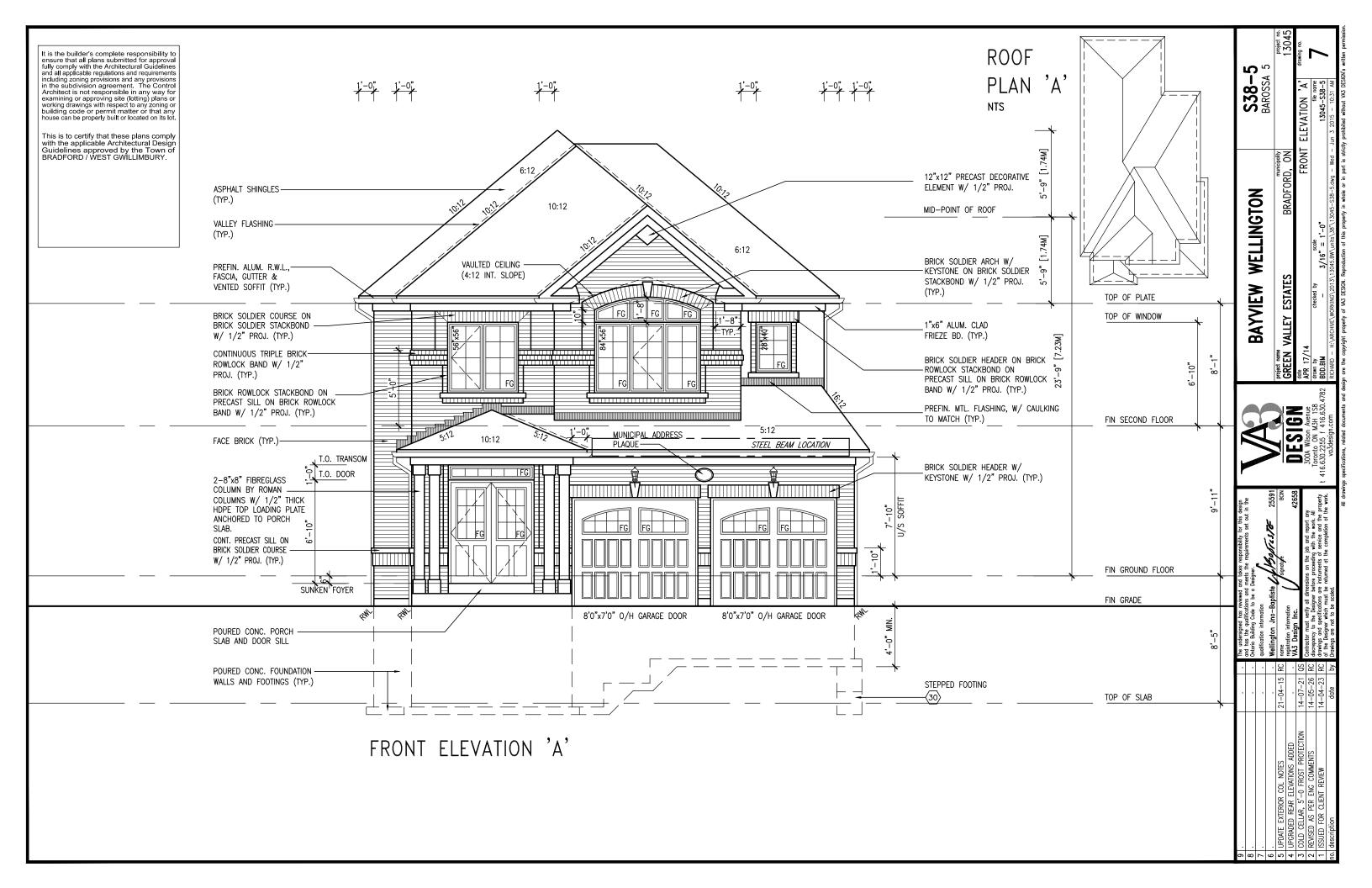


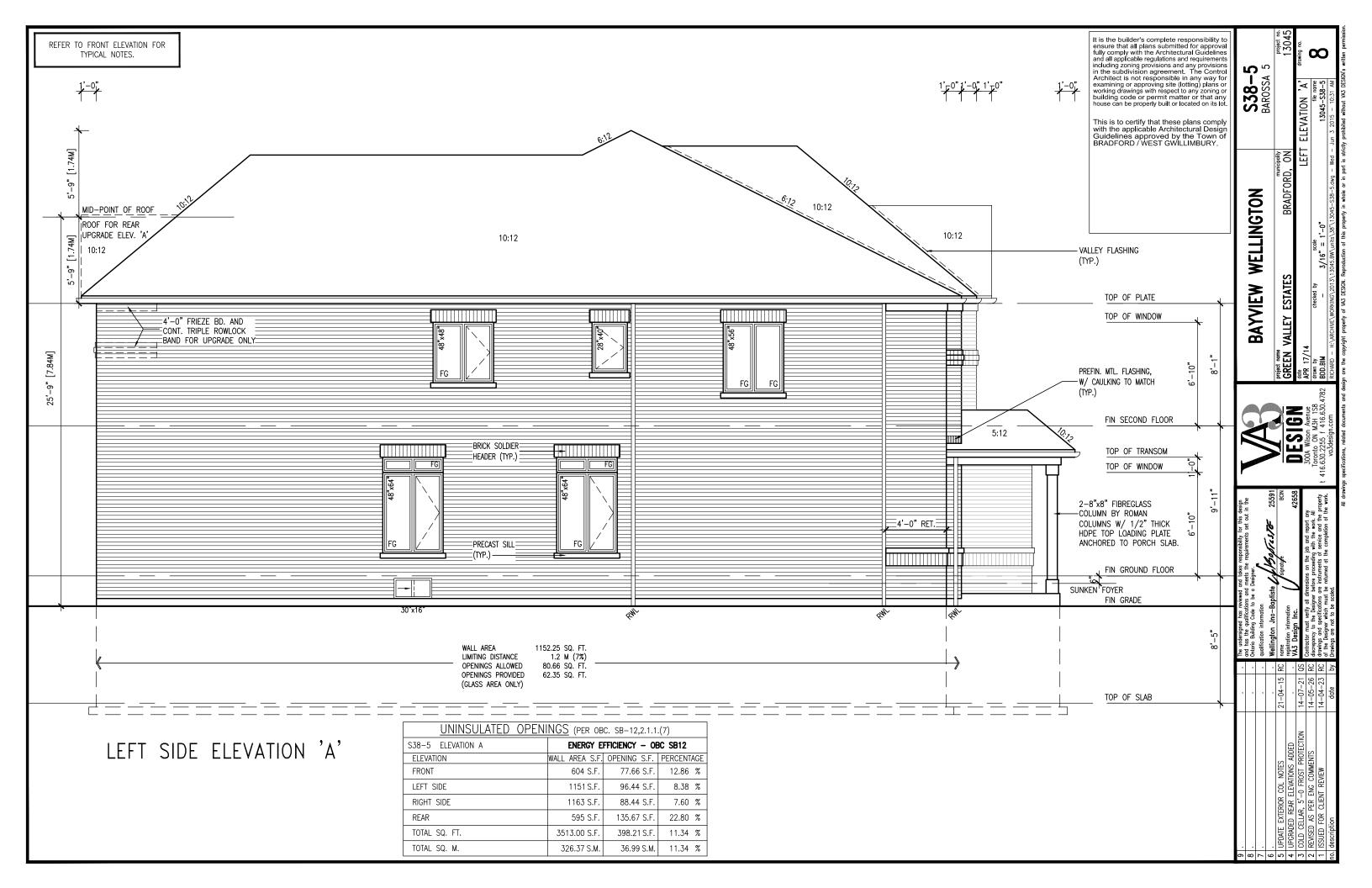
DETAIL THRU SLOPED CERAMIC FLOOR IN LAUNDRY

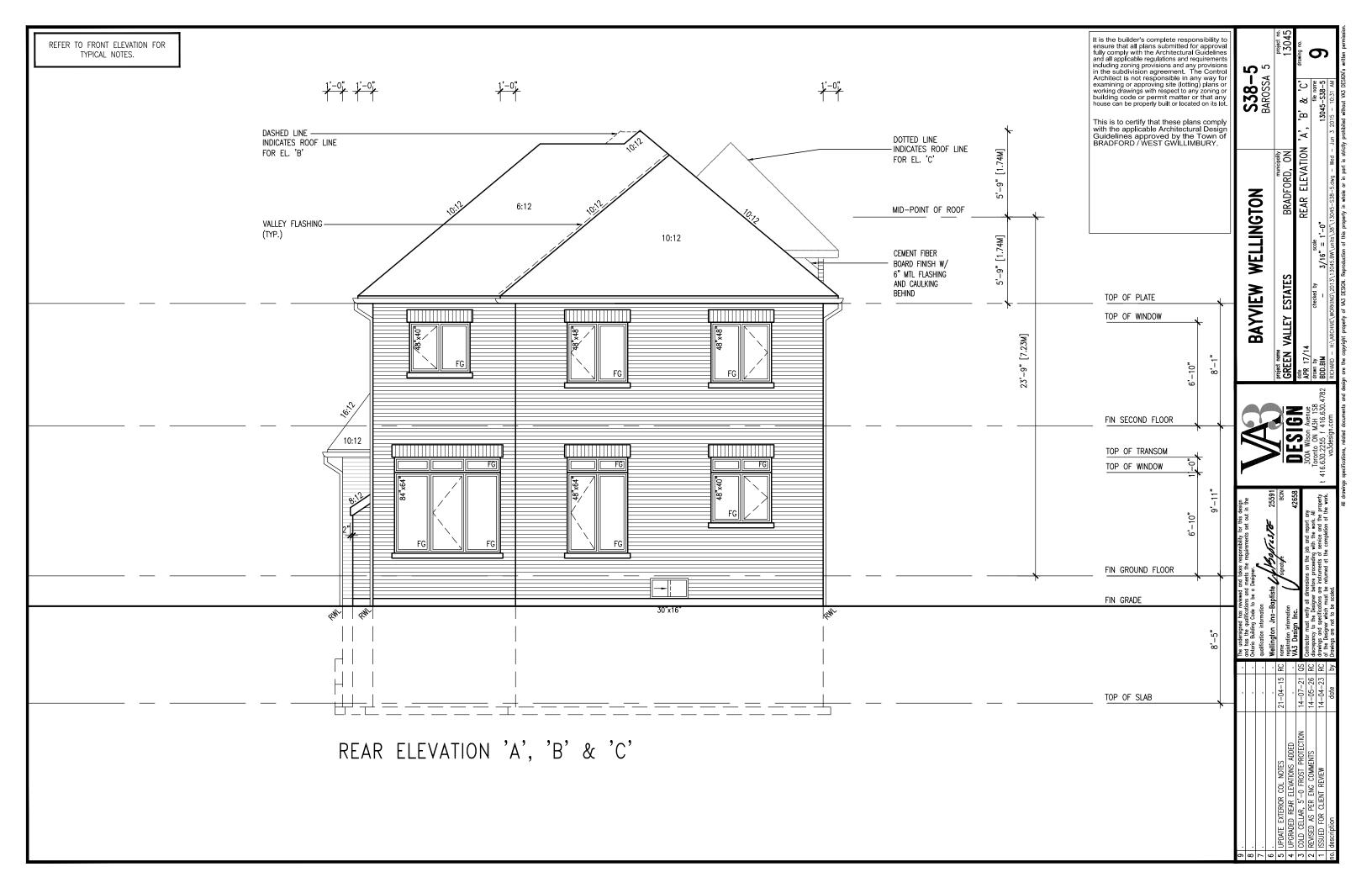
8) . 3 . 7 .			The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer. qualification information Wellington Jno-Baptiste	VAR	BAYVIEW	WELLINGTON	S38-S BAROSSA	_		
5	UPDATE EXTERIOR COL NOTES UPGRADED REAR ELEVATIONS ADDED	21-04-15 F	RC_	name signature BCI registration information	DEGLON	project name GREEN VALLEY ESTATE	S BRADFORD, ON		project no. 13045		
2	3 COLD CELLAR, 5'-O FROST PROTECTION 2 REVISED AS PER ENG COMMENTS 1 ISSUED FOR CLIENT REVIEW	14-07-21 (14-05-26 F 14-04-23 F	QS RC RC	VA3 Design Inc. 4265. 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.	300A Wilson Avenue Toronto ON M3H 1S8	dote APR 17/14 drown by checked by BDD.BIM	PARTIAL PLANS 3/16" = 1'-0"	file name 13045-S38-5	drawing no.		
111	no. description date by Drawings are not to be scaled. Va3design.com RICHARD — H:\ARCHIVE\WORKING\2013\13045.BW\units\38\13045.BW\units\38\13045-S38-5.dwg — Wed — Jun 3 2015 — 10:31 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 written permission.										

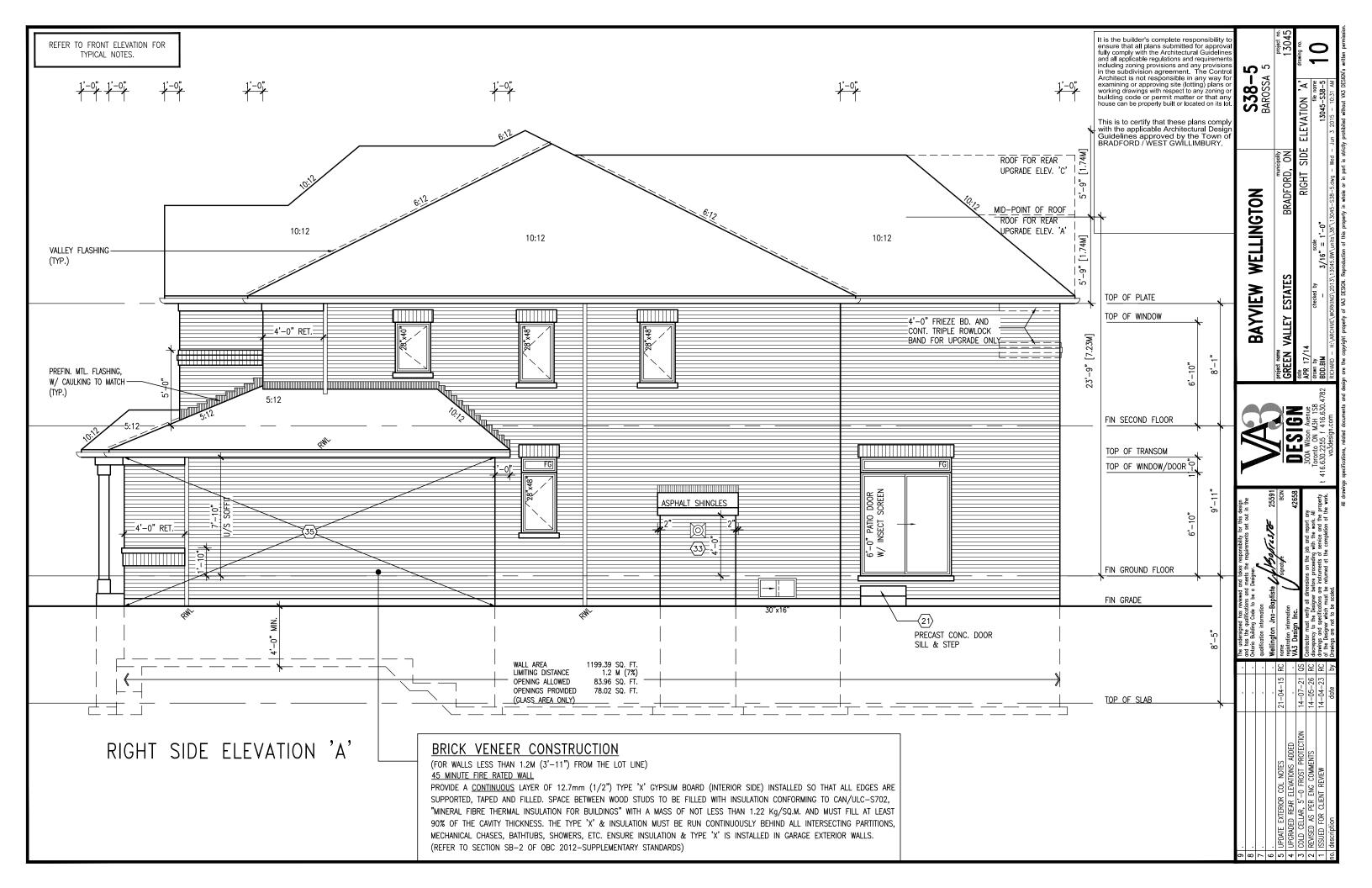


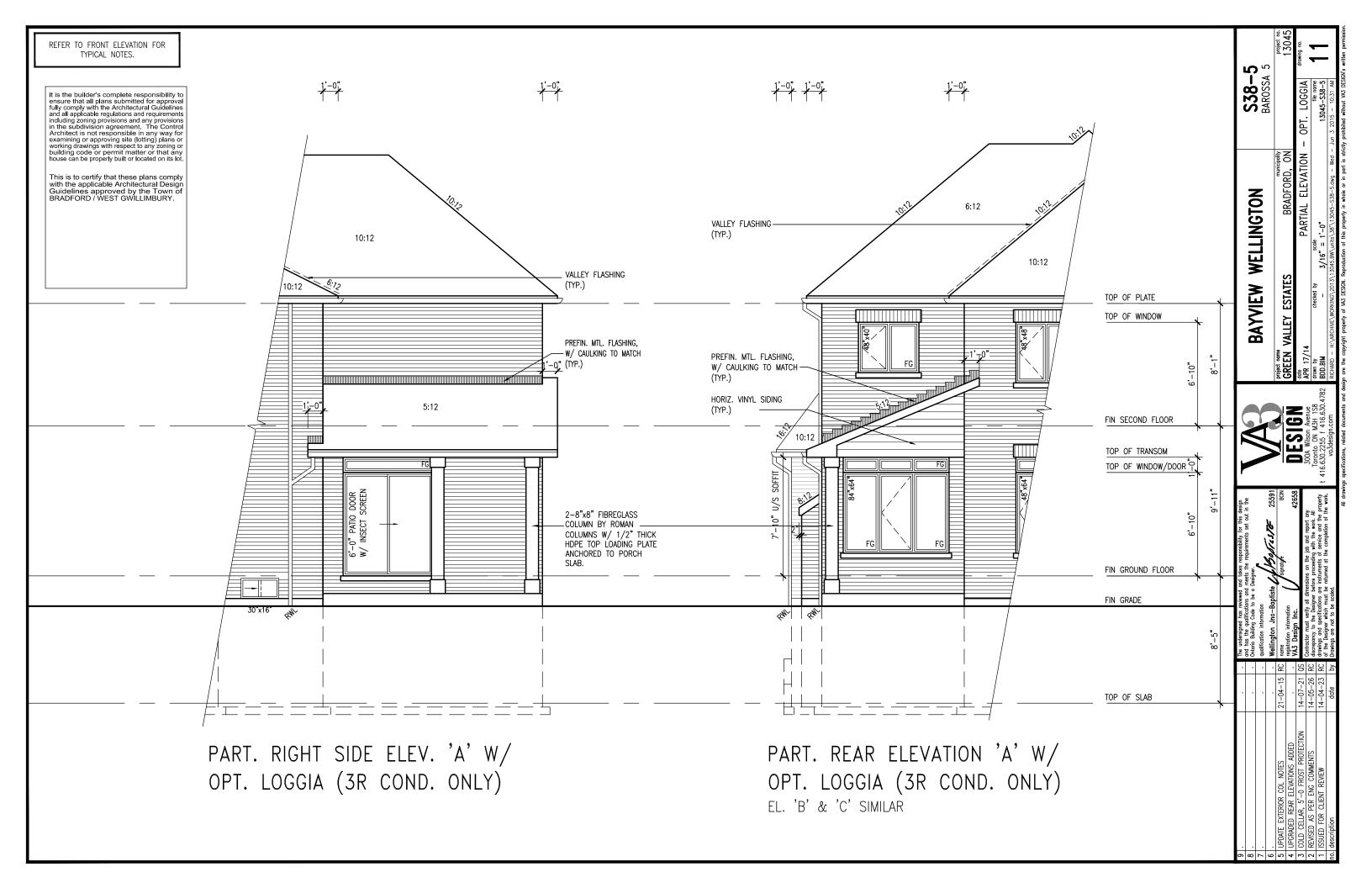


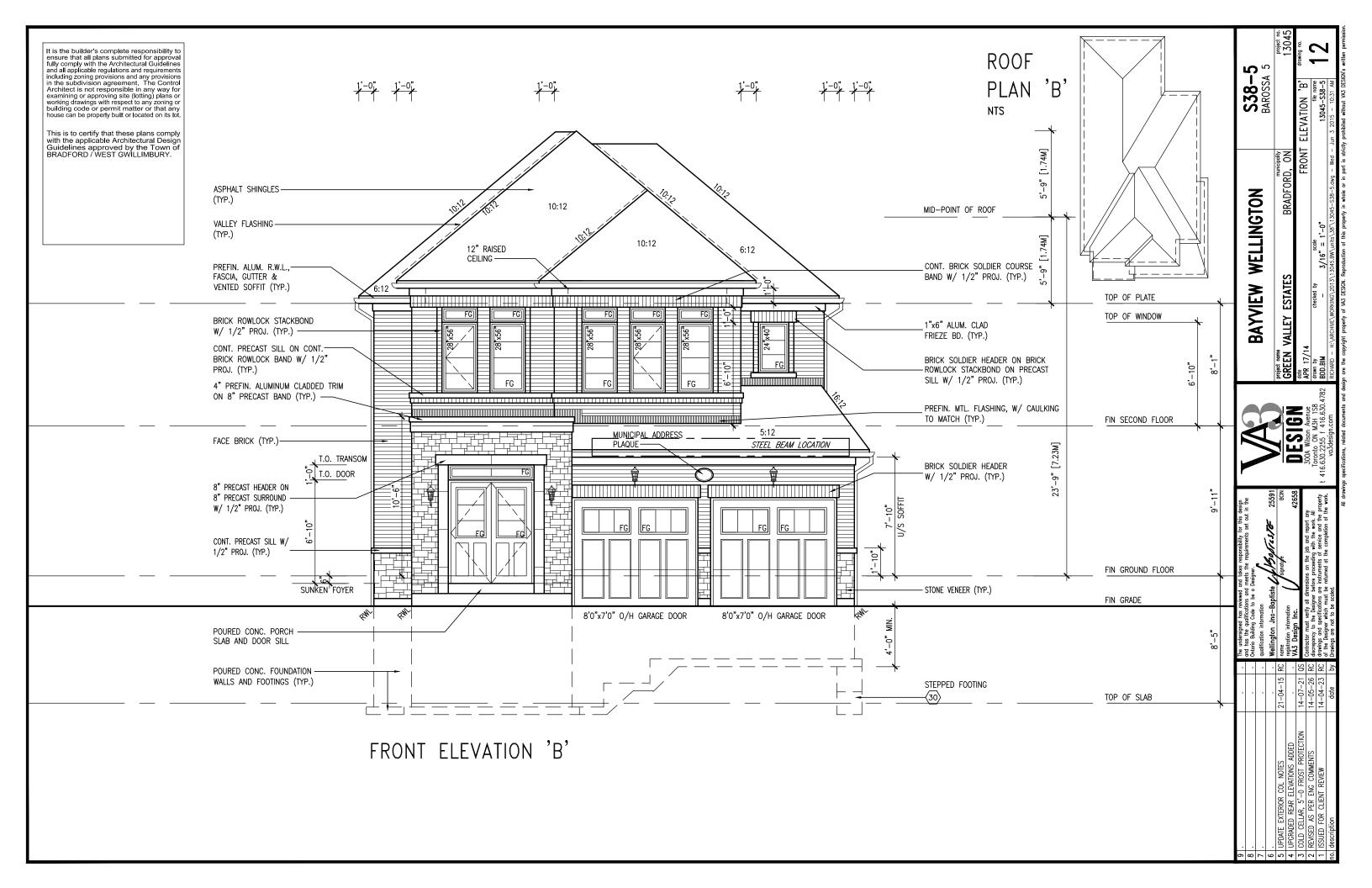


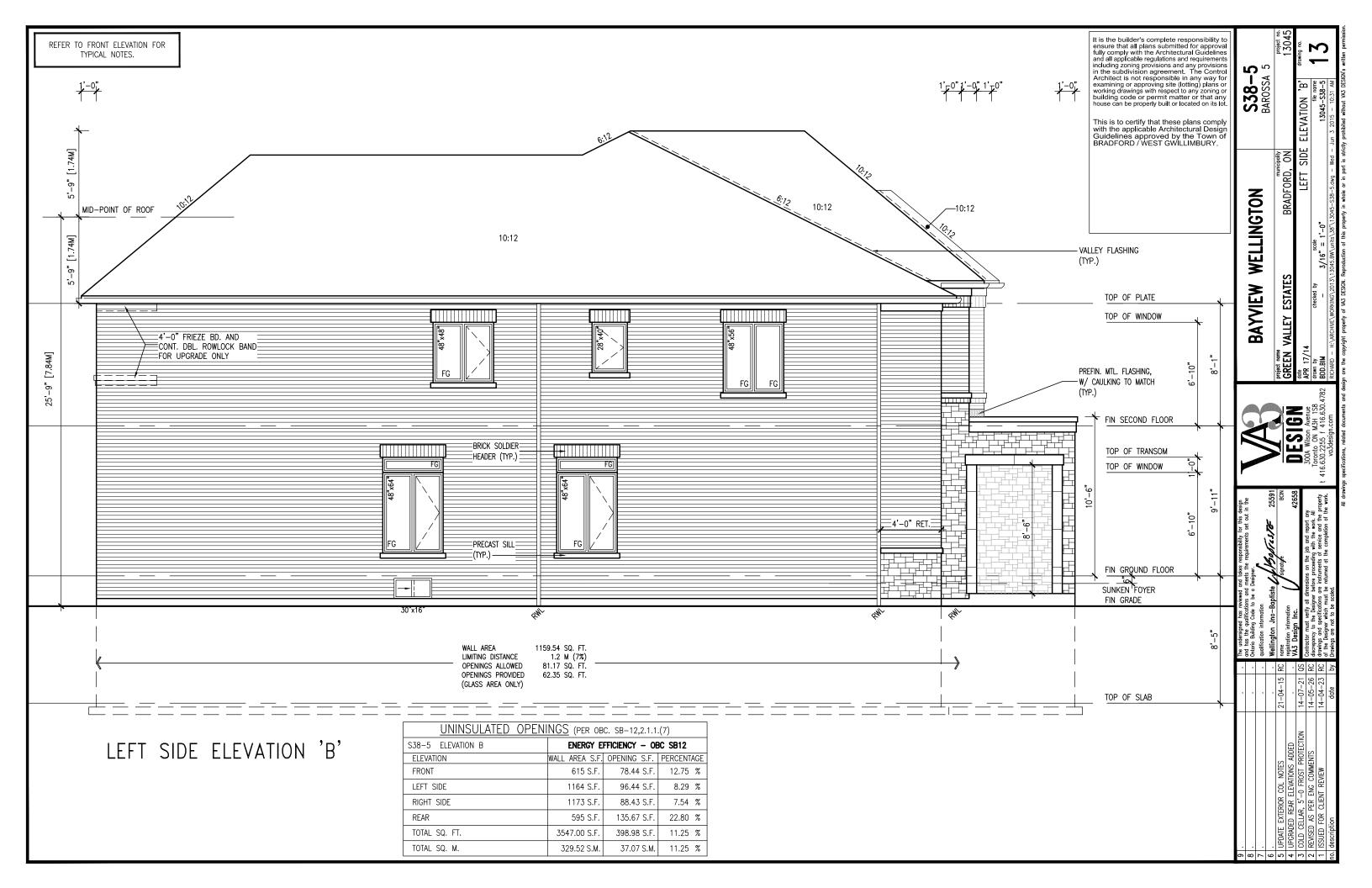


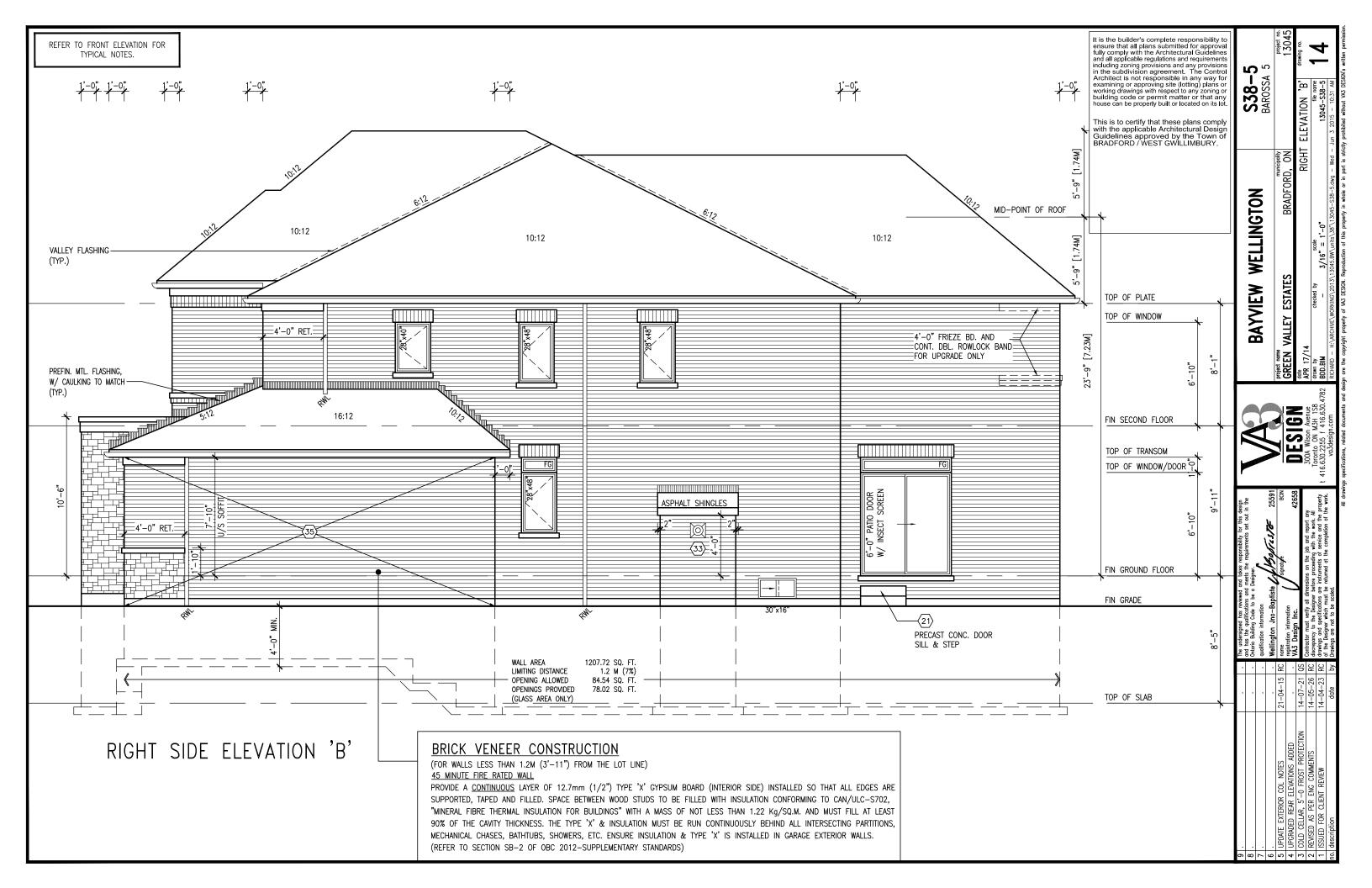


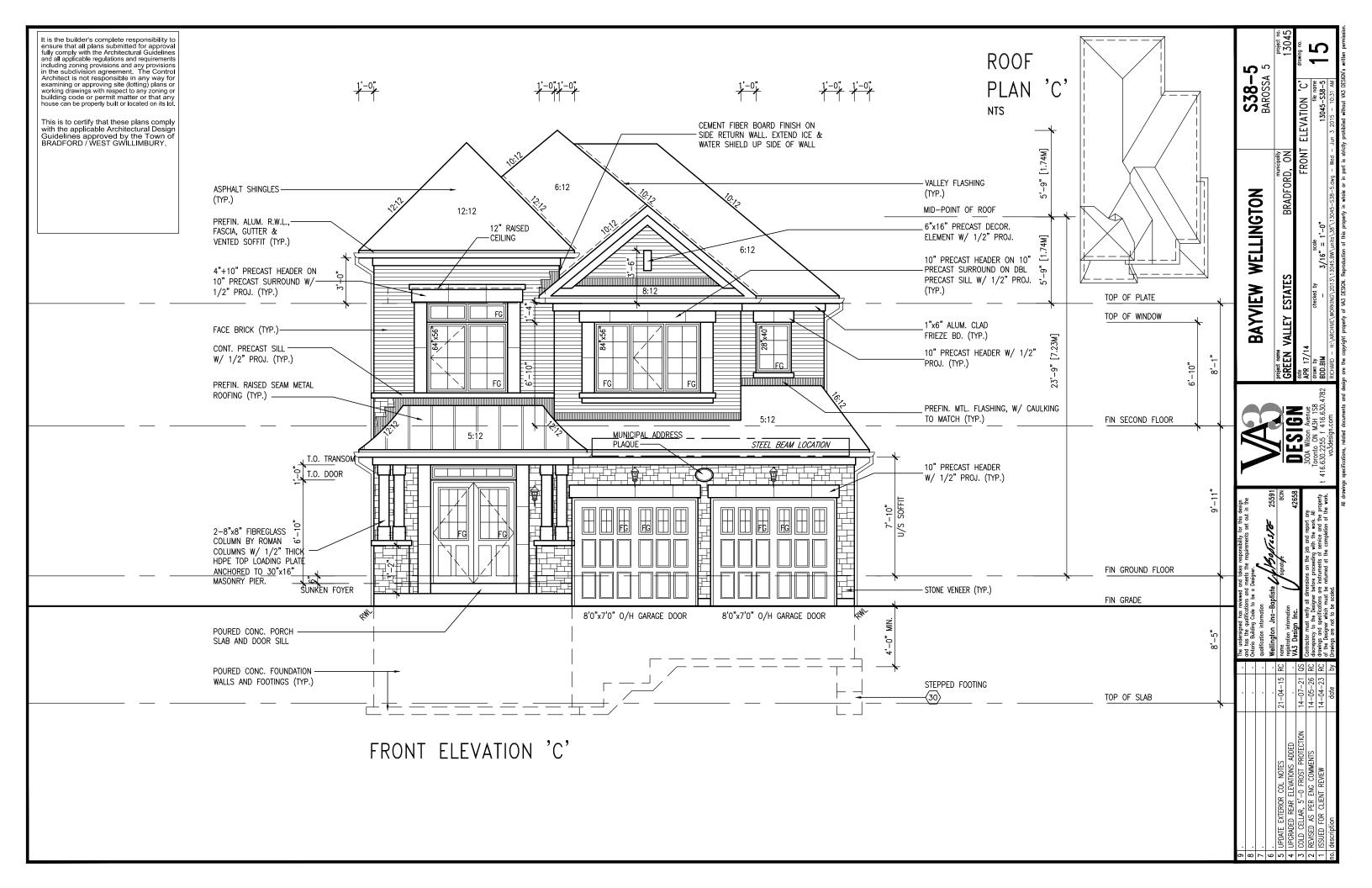


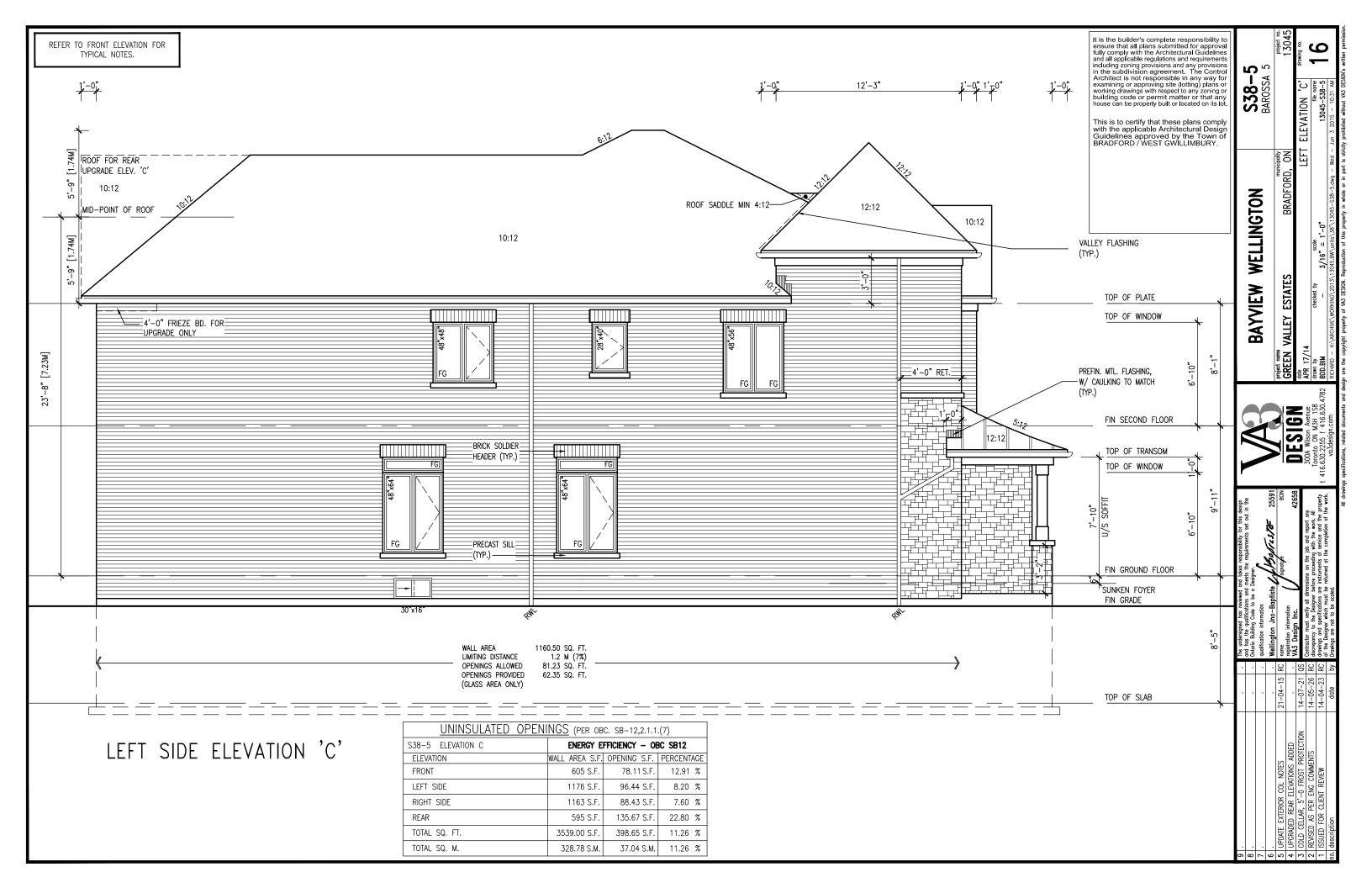


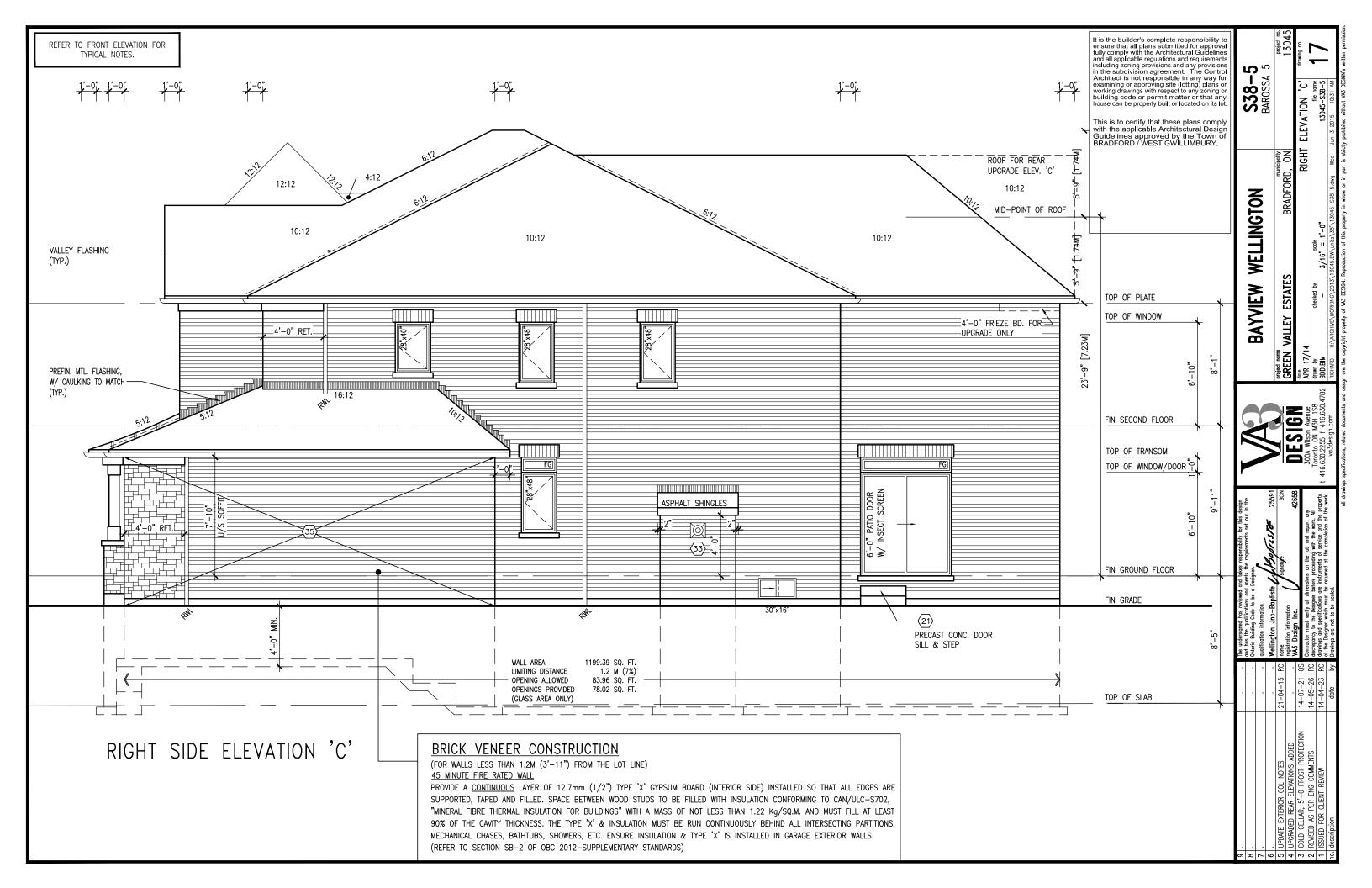


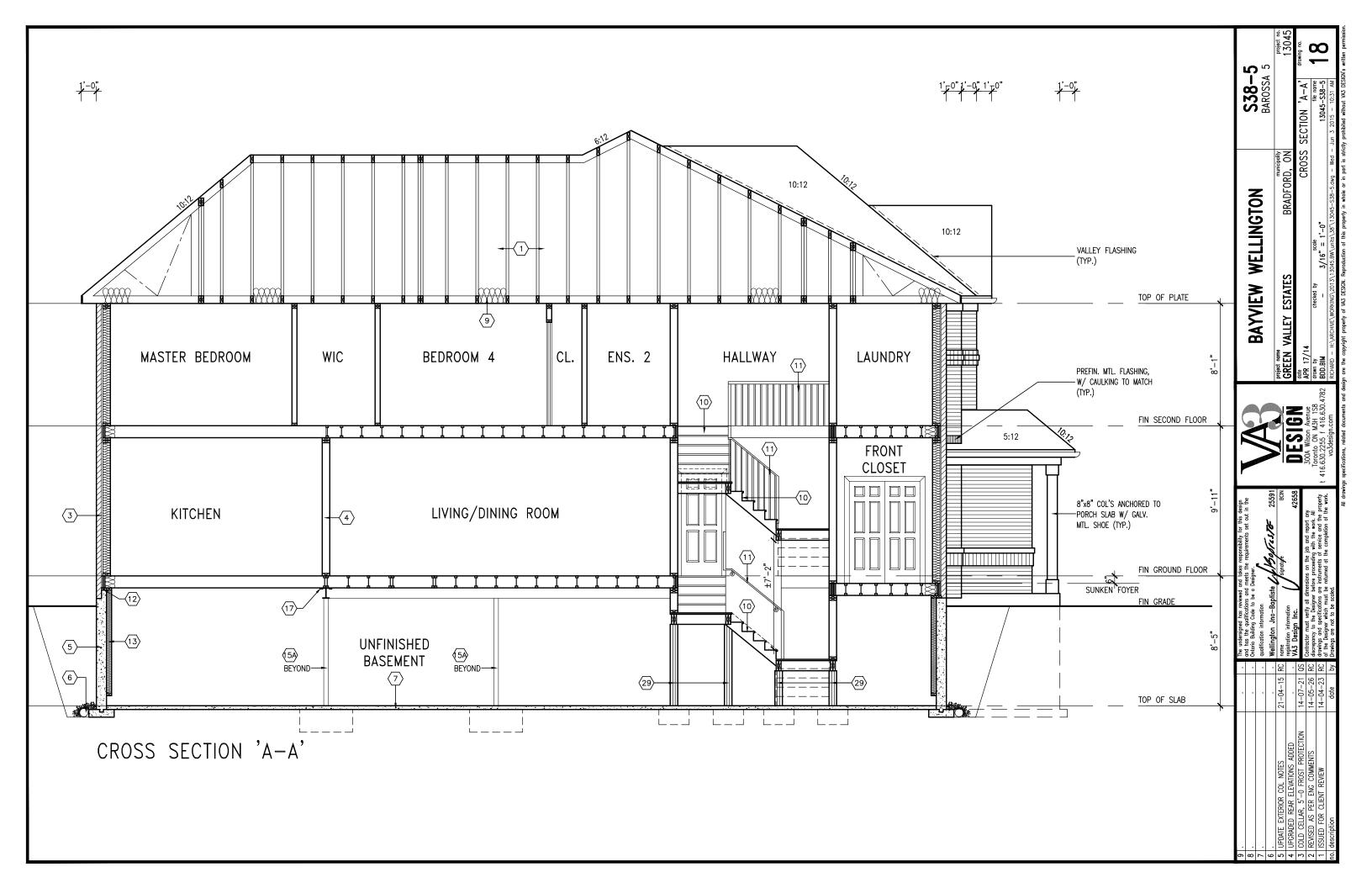


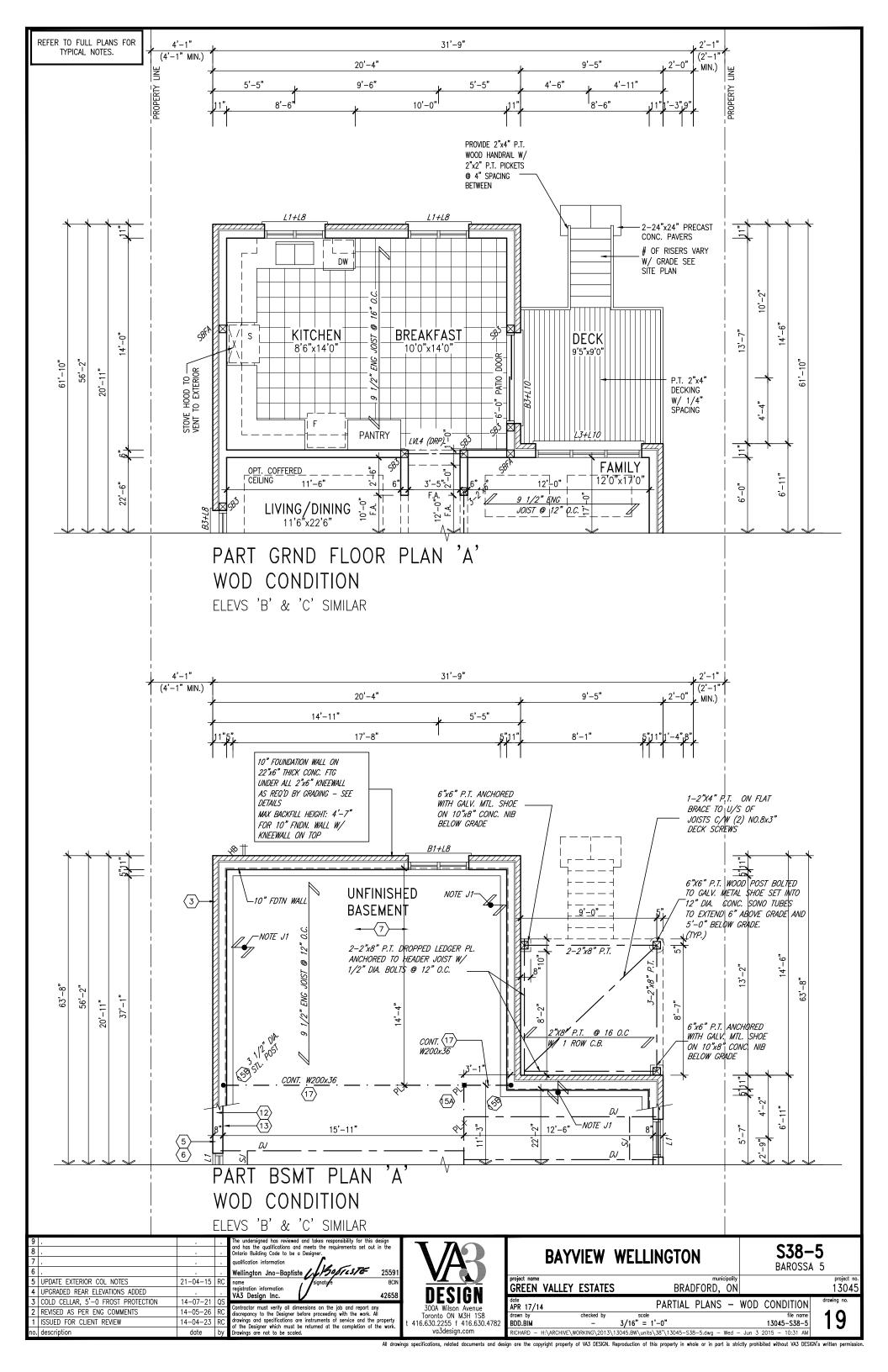


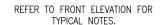


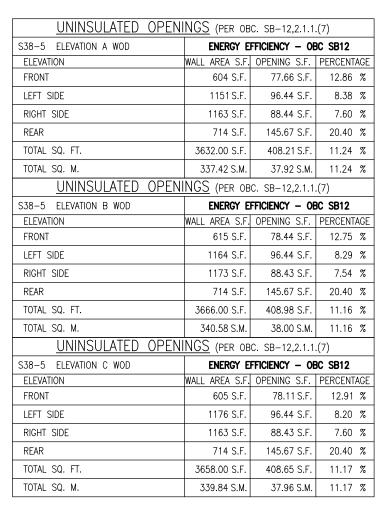


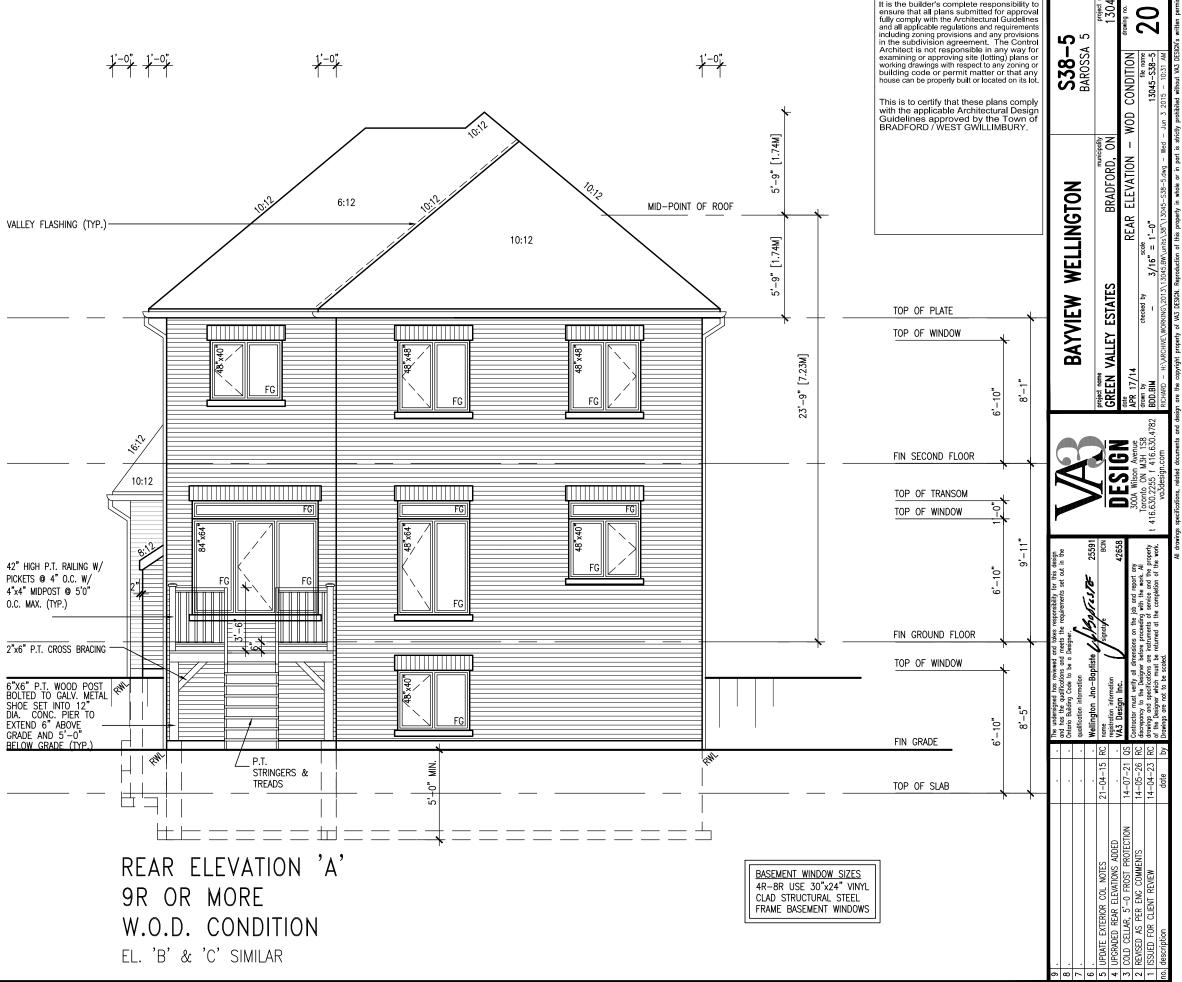




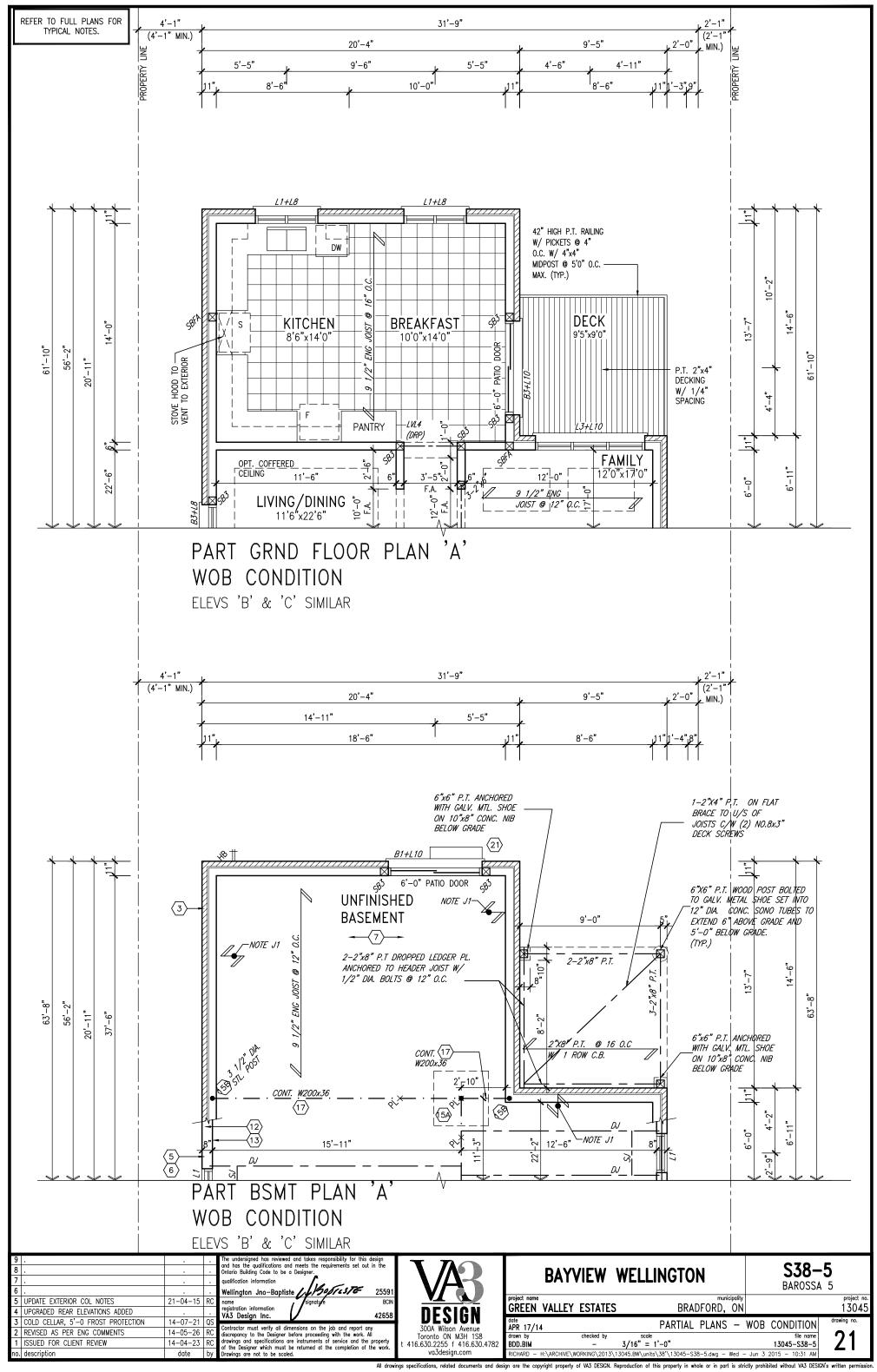






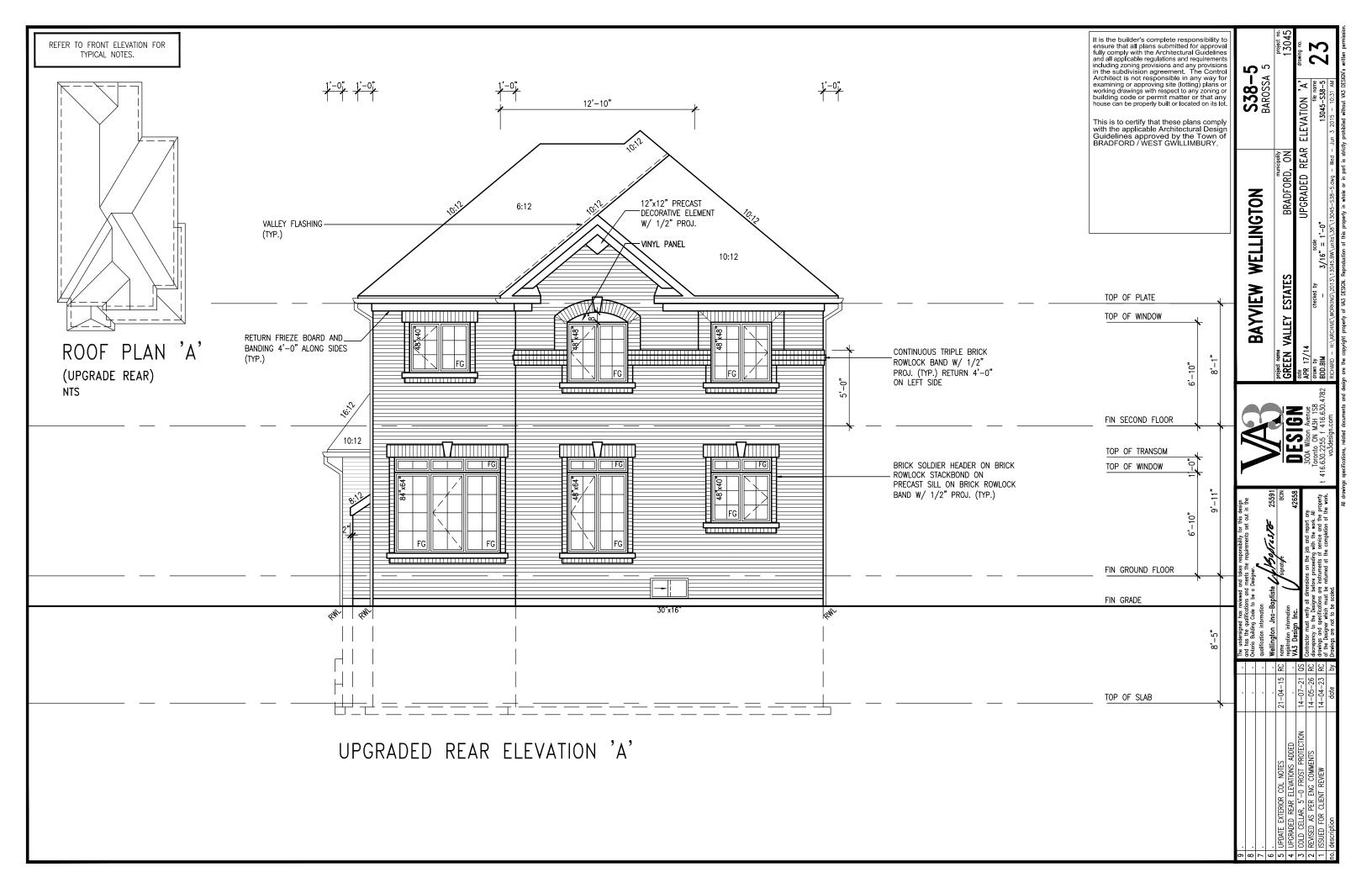


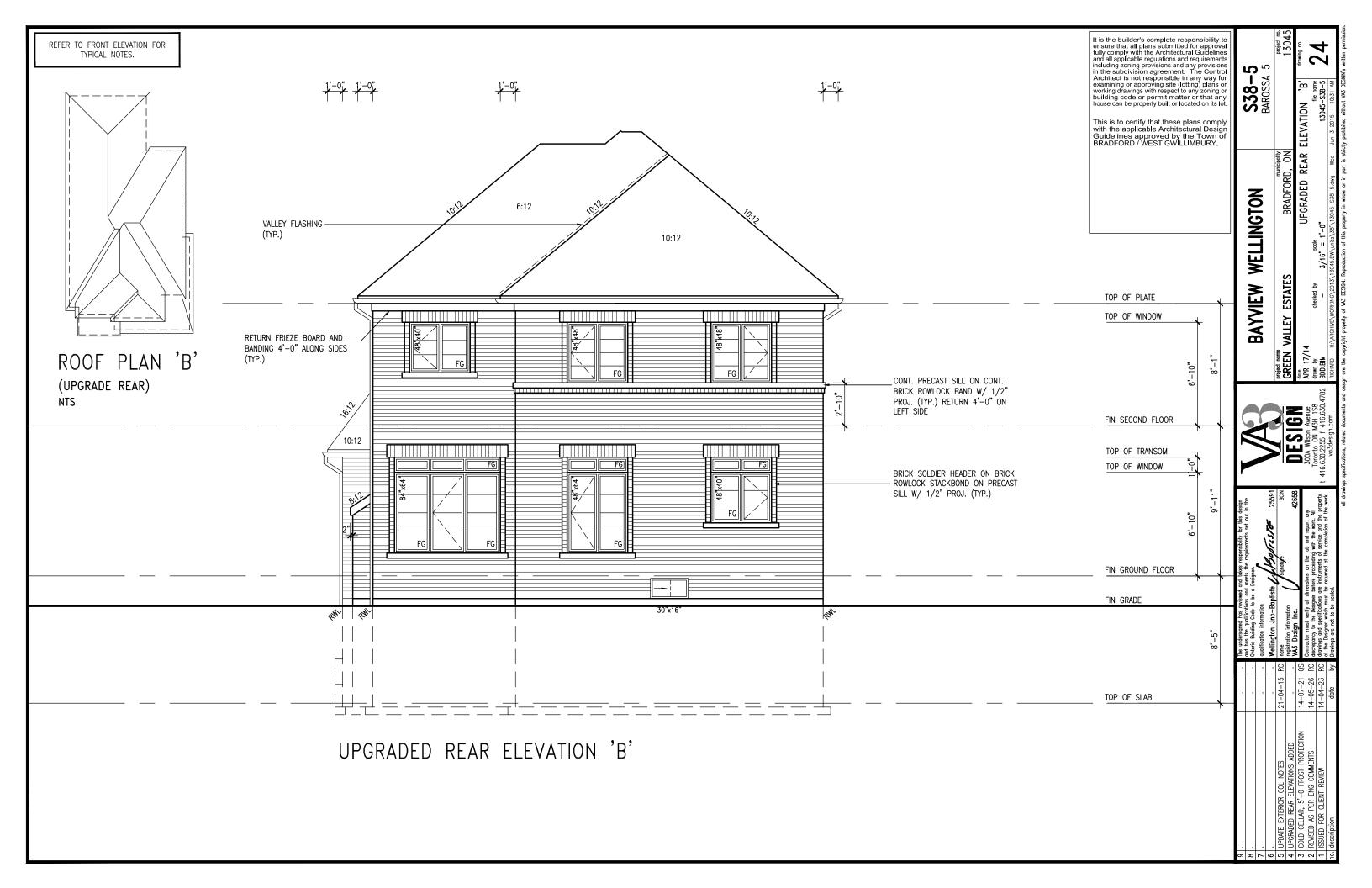
It is the builder's complete responsibility to

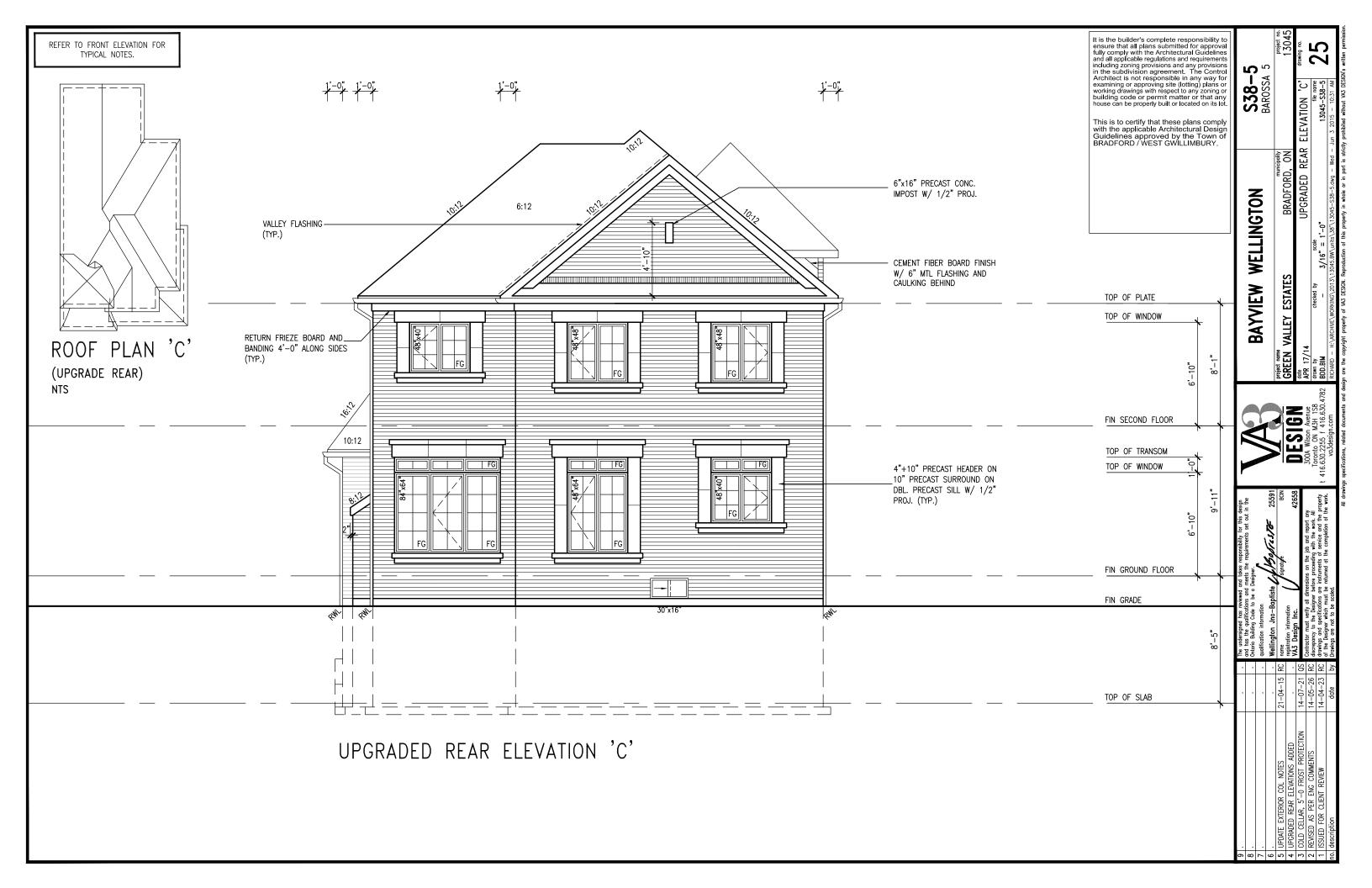


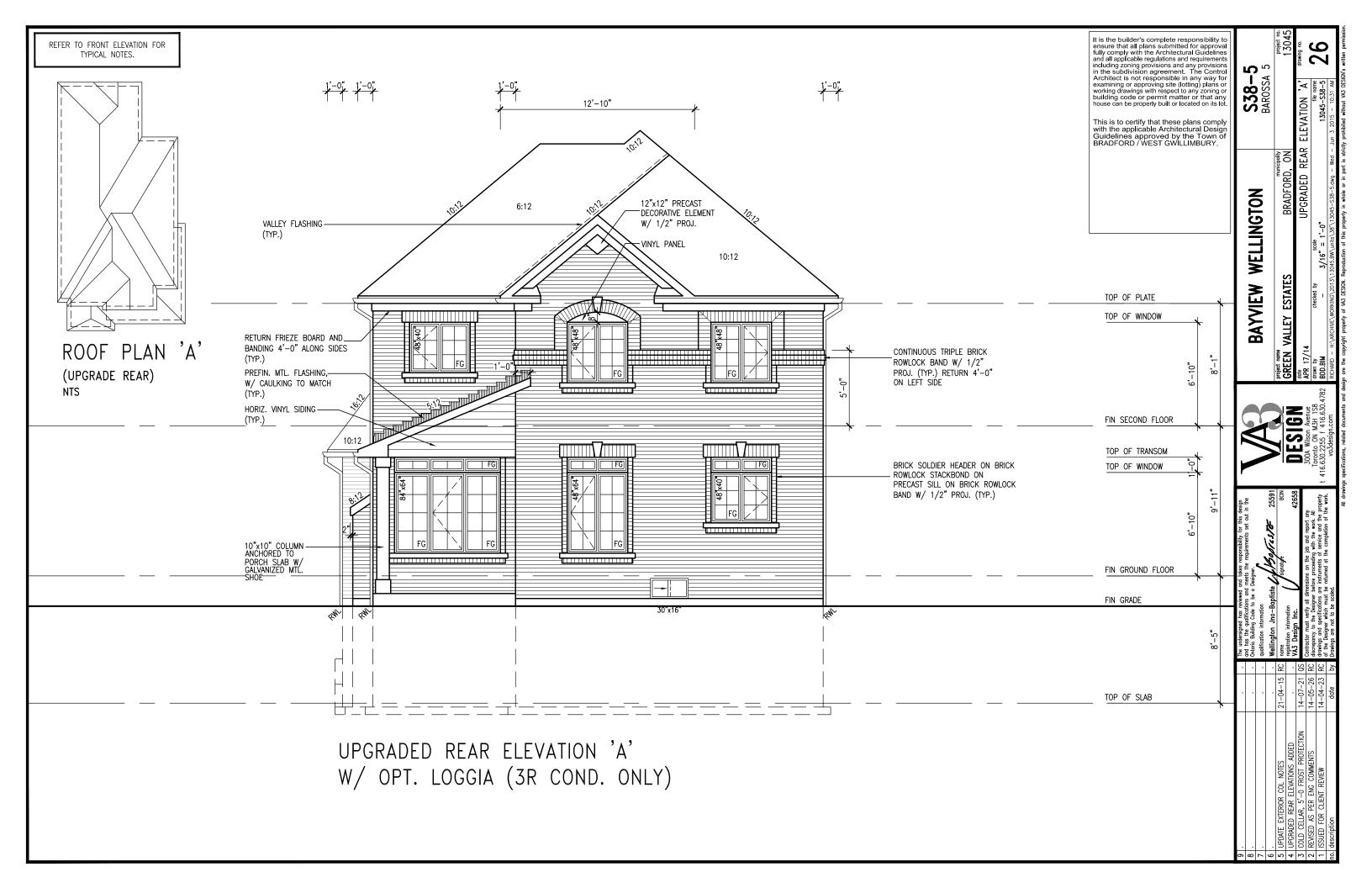
REFER TO FRONT ELEVATION FOR TYPICAL NOTES.

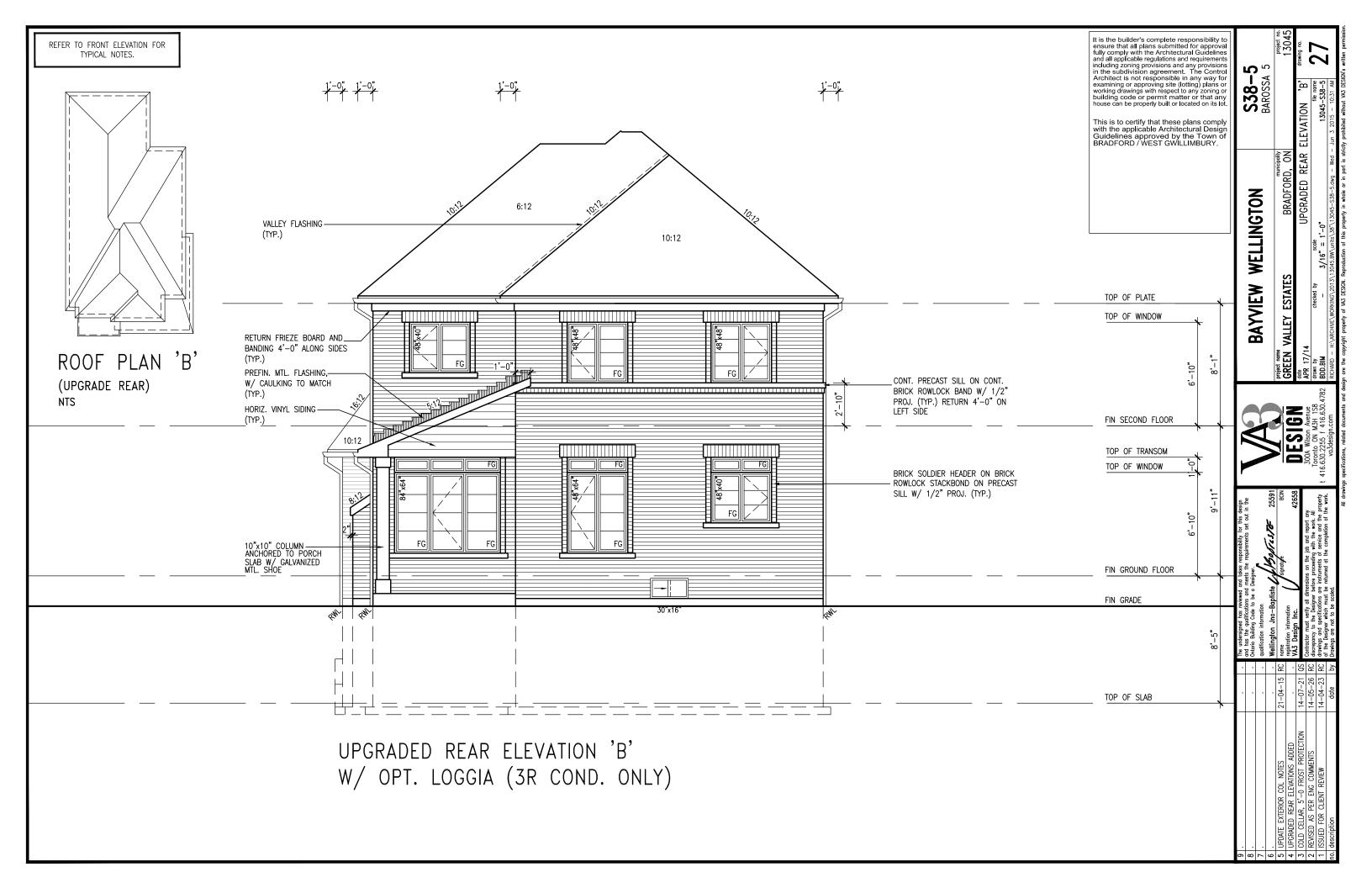


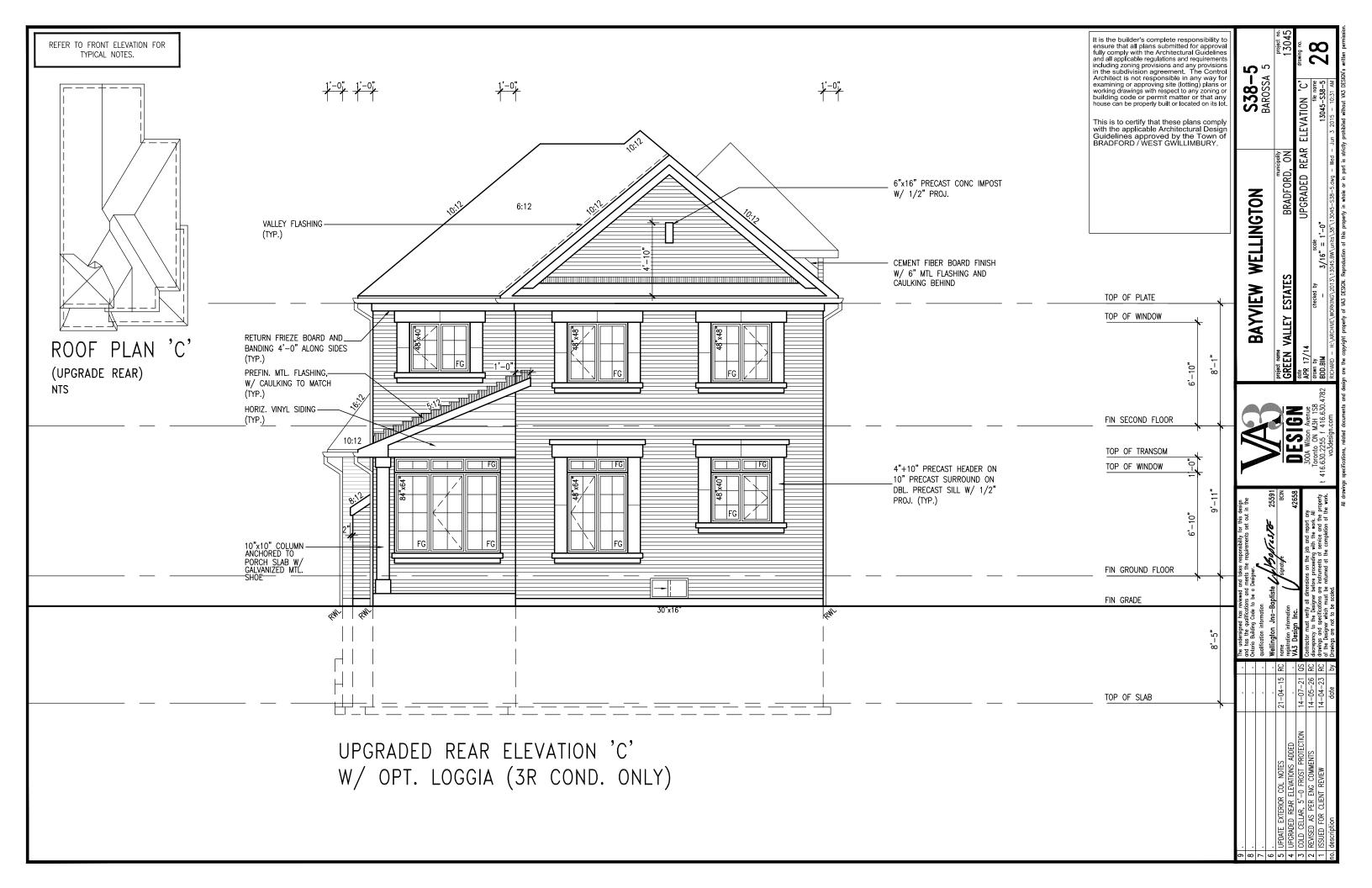


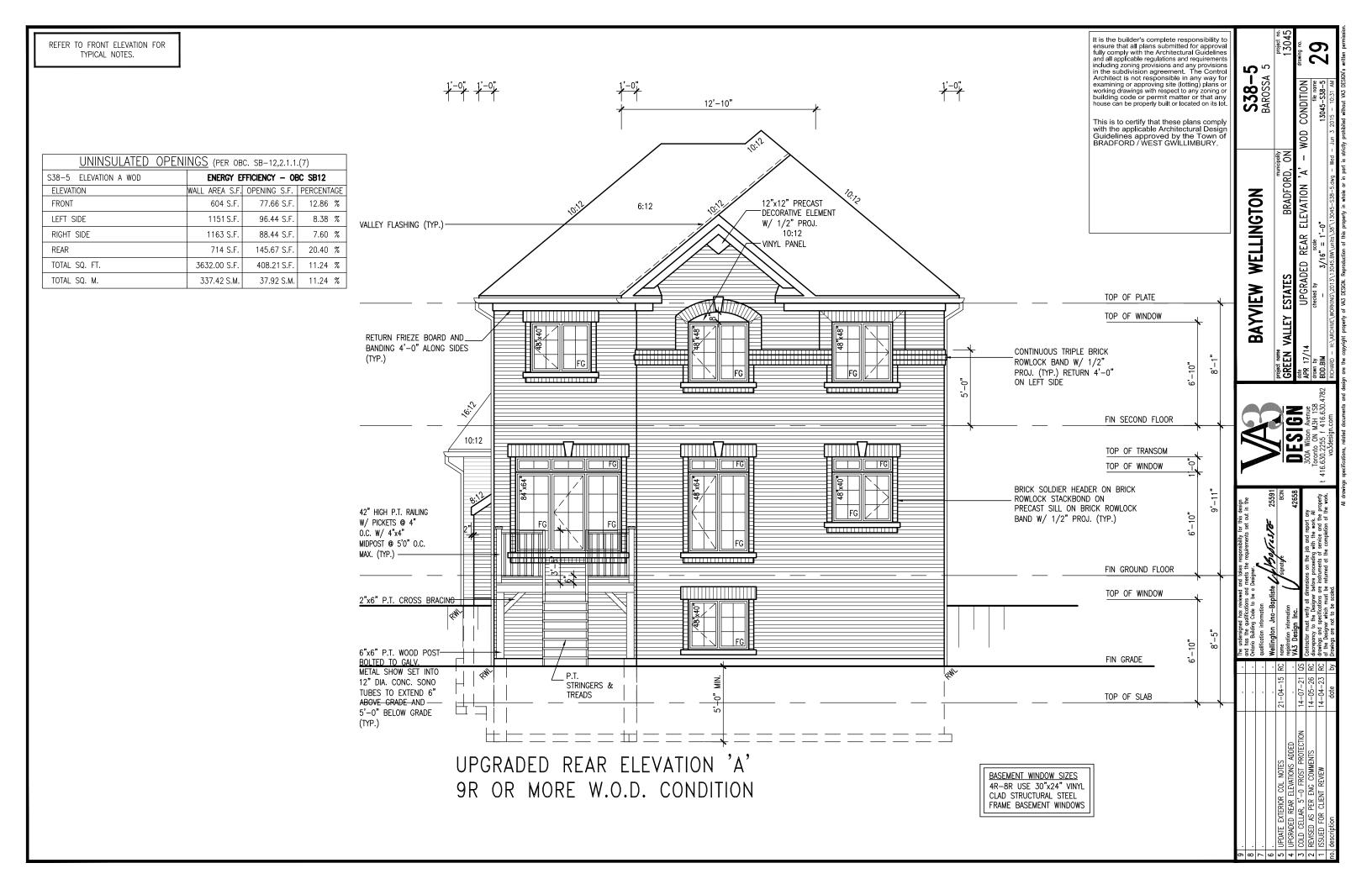


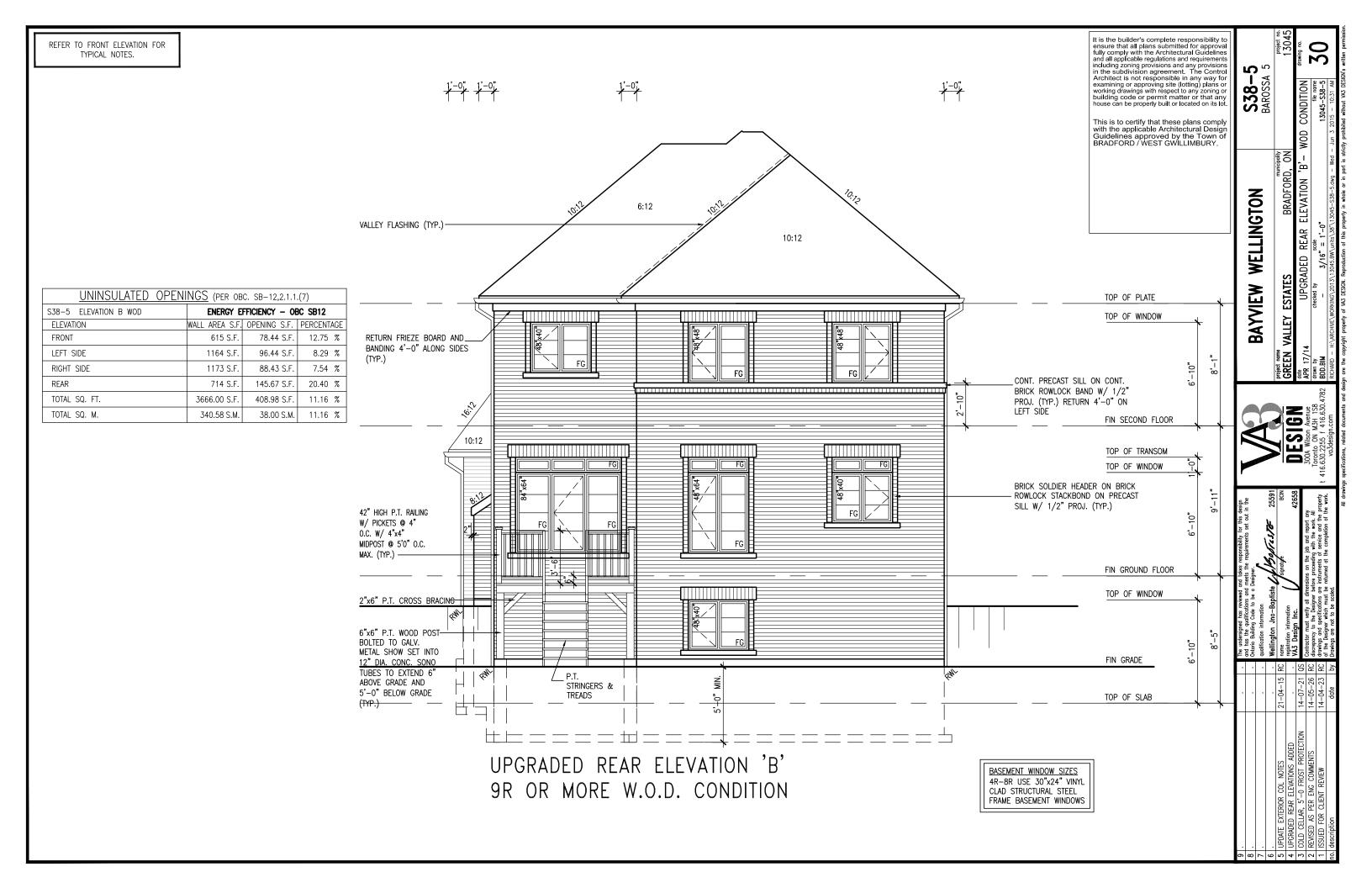


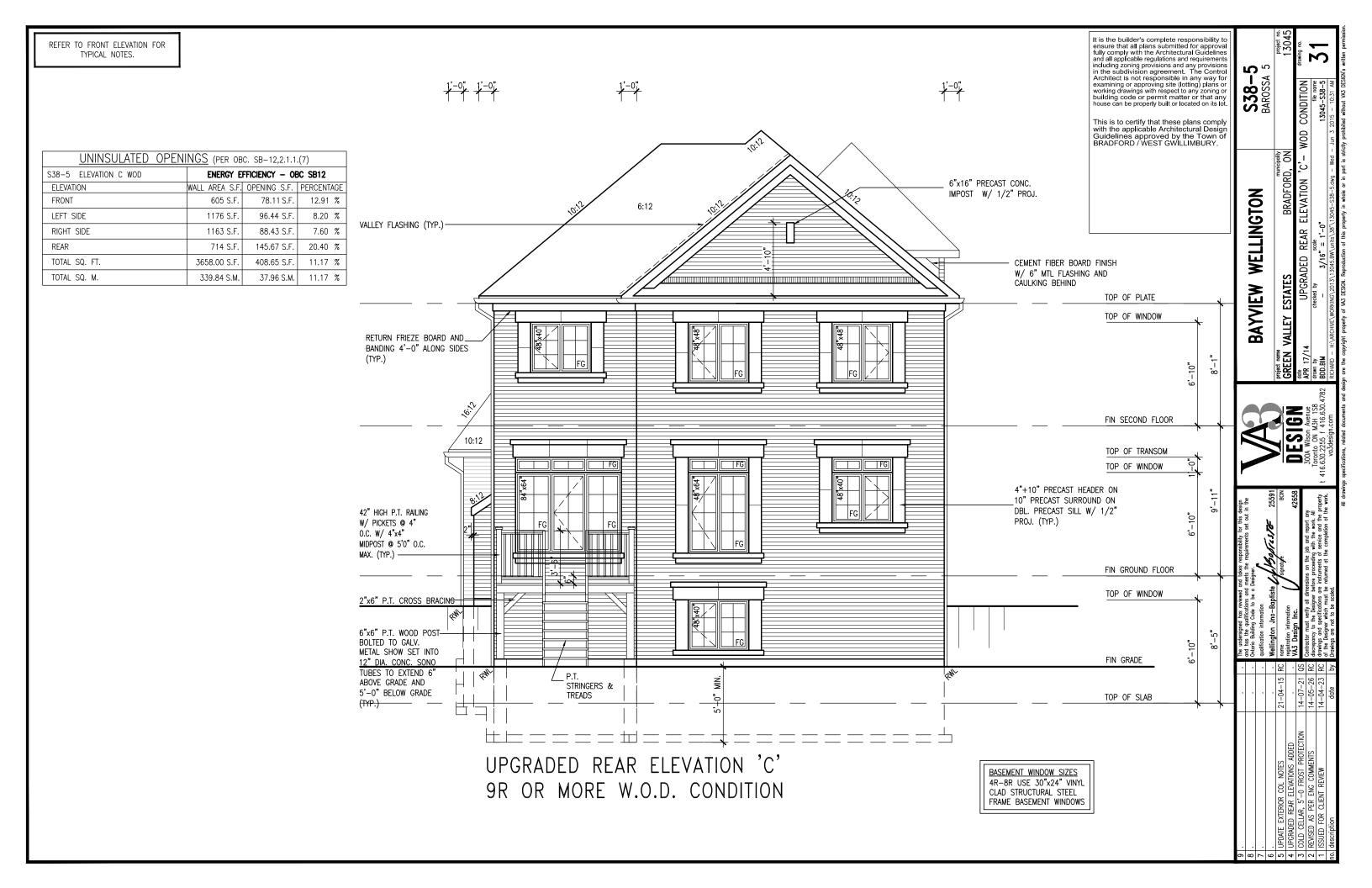


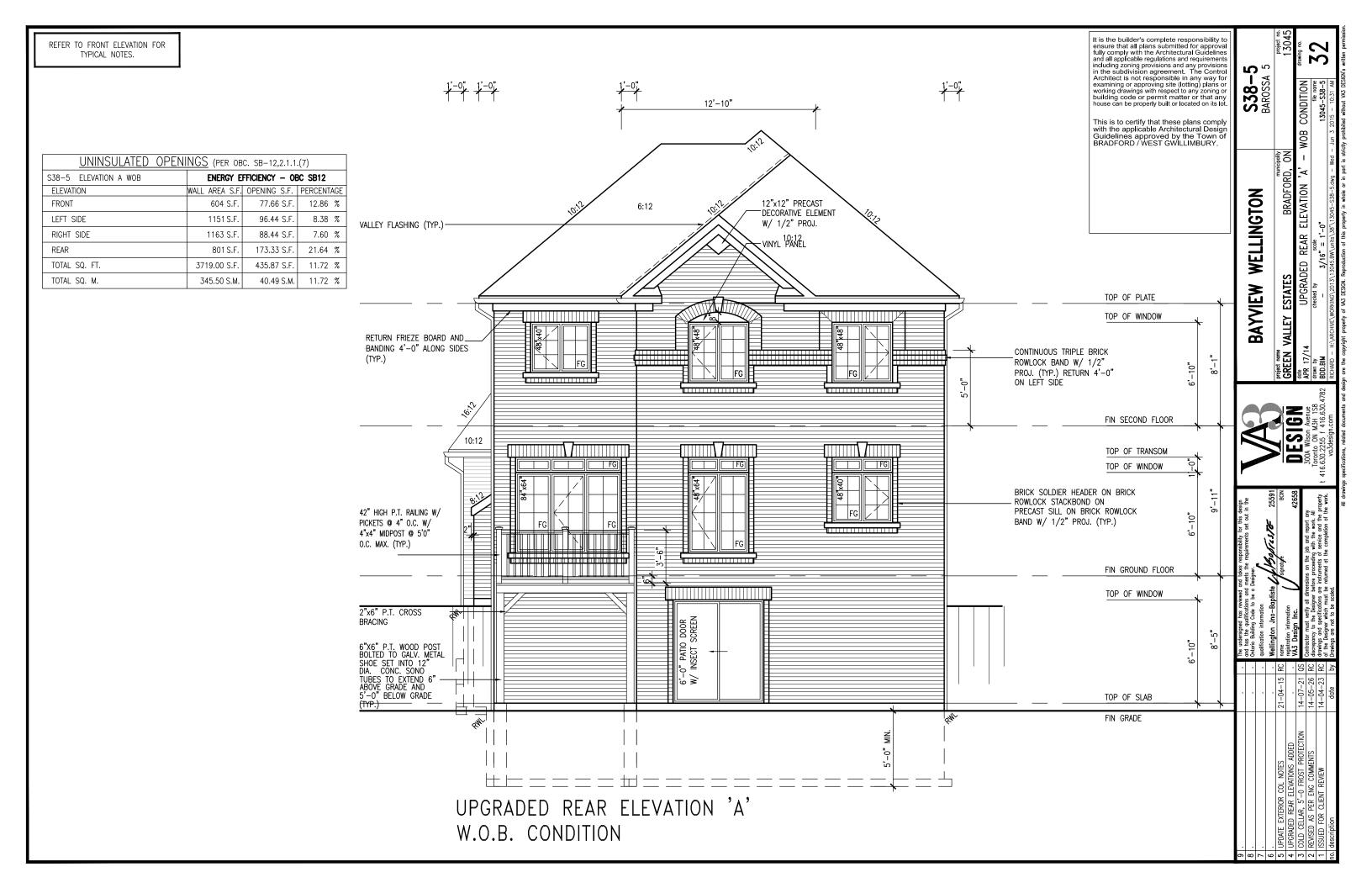






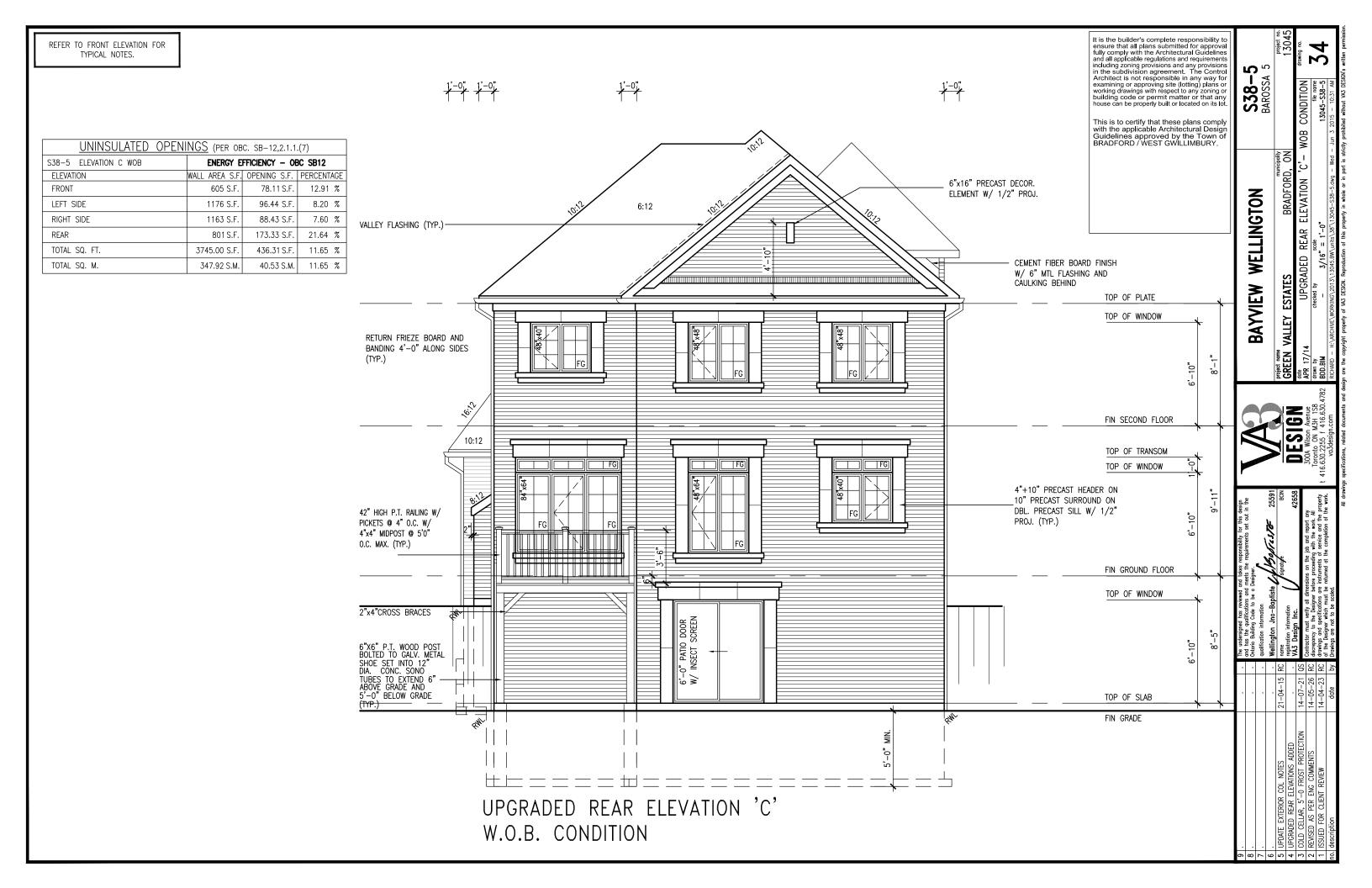






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W.O.B. CONDITION



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 1. 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'-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) 38x89 (2'x4") TRUSS BRACING (1830mm (6'7") C.C. AT BOTTOM CHORD, PREINI, ALIJM, 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 GREATER THAN 406 (16"). ATTIC VENTILATION 1:300 OF INSULATED CELLING AREA WITH MIN. 25% AT EAVES & MIN. 25% AT RIDGE (OBC 9.19.1.2.)

FRAME WALL CONSTRUCTION (2"x6") (SB-12-TABLE 2.1.1.2.A) SIDING AS PER ELEV., 19x38 (1"x2") VERTICAL WOOD FURRING, CONTIN. SHEATHING MEMBRANE, 9.5mm (3/8") EXT. TYPE SHEATHING, 38x140 (2"x6") STUDS @ 400mm (16") O.C., INSULATION AND APPR VAPOUR BARRIER AND APPR. CONTIN. AIR BARRIER, 13mm (1/2") INT DRYWALL FINISH. SIDING TO BE MIN. 200mm (8") ABOVE FINISH GRADE. REFER TO OBC SB-12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION.

FRAME WALL CONSTRUCTION (2"x6") (R28)
SIDING AS PER ELEV.. 19x38 (1"x2") VERTICAL WOOD FURRING,
CONTIN. SHEATHING MEMBRANE. 28mm (1½") EXTERIOR STRUCTURAL
INSULATED SHEATHING RSI 0.7 (R4) BY "BP" OR EQUAL. 38x1 40 (2"x6") STUDS @ 400mm (16") O.C., RSI 4.23 (R24) INSUL. AND APPR. VAPOUR BARRIER AND APPR. CONTIN. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH.

SIDING TO BE MIN. 200mm (8") ABOVE FINISH GRADE.

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.

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 (1") MIN.
EXPANDED OR EXTRUDED RIGID POLYSTYRENE ON APPROVED AIR/MOBTURE 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 @ 400mr (16") O.C., 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 -12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL

BRICK VENEER CONSTRUCTION (2"x6") (SB-12-TABLE 2.1.1.2.A) 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL (17) A 20.0 | GALY, MEHAL IIES & 400HIN [18] O.C. VERTICAL, APPROVED SHEATHING PAPER, 9.5mm (3/8") EXT. TYPE SHEATHING, 38x140 (2"x6") STUDS @ 400mm (1/6") O.C., INSULATION & APPR. VAPOUR BARRIER WITH APPR. CONTIN. AIR BARRIER, 13mm (1/2") INTERIOR DRYWALL FINISH, PROVIDE WEEF 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, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE

BRICK VENEER CONSTRUCTION (2"x6") (R28)
90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm
(7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL 600mm (24") O.C. VERTICAL. APPR. SHEATHING PAPER. 28mm ($1\lambda''$) EXT. STRUCT. INSULATED SHEATHING RSI 0.7 (R4) BY "BP" OR EQUAL, 38x1 40 (2'x6") STUDS @ 400mm (16") O.C., RSI 4.23 (R24) INSUL. & APPR. VAPOUR BARRIER WITH APPR. CONTIN. AIR BARRIER. 13mm (1/2") INT. DRYWALL FINISH. PROVIDE WEEP HOLES @ 800mm (32")

O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE. 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 (16") 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") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.

3C) STUCCO WALL CONSTRUCTION (2"x6")
STUCCO CLADDING SYSTEM CONFORMING TO 0.B.C. 9.27.1.1.(2) & 9.28 THAT EMPLOYS A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS SPECIFICATIONS OVER 25mm (1") MIN. EXTRUDED OR EXPANDED RIGID POLYSTYRENE ON APPR. CONTIN. AIR/MOISTURE BARRIER ON 13mm (1")?" [XT. TYPE SHEATHING ON 38x140 (2"x6") STUDS @ 400mm (16") O.C., INSULATION, APPROVED VAPOUR BARRIER, 13mm (1/2") GYPSUM WALLBOARD INTERIOR FINISH. REFER TO OBC SB-12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE.

FOR BEARING 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 (24") O.C. FOR 00">(16") O.C. FOR 3 STOREYS, NON-BEARING PARTITIONS 38x89 (2"x4") @ 600mm (24") O.C. PROVIDE 38x89 (2"x4") BOTTOM PLATE AND 2/38x89 (2/2"x4") TOP PLATE, 13mm (1/2") INT. DRYWALL BOTH SIDES OF STUDS, PROVIDE 38x140 (2"x6") STUDS/PLATES WHEEP NOTED

FOUNDATION WALL/FOOTINGS: (9.15.3, 9.15.4, 9.13.2, 9.14.2.1.(2)) 200mm (8") POURED CONC. FDTN. WALL 15MPa (2200psi) 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 WATERPROFED. MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500X155 [20"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 150kPa OR GREATER, IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY, ENGINEERED FOOTINGS ARE REQUIRED.

STOREYS SUPPORTED W/ MASONRY VENEER W/ SIDING ONLY 16" WIDE x 6" DEEP 20" WIDE x 6" DEEP 26" WIDE x 9" DEEP 20" WIDE x 6" DEEP 20" WIDE x 6" DEEP

-MAXIMUM FLOOR LIVE LOAD OF 2.4kPg. (50psf.) PER FLOOR, AND MAX. LENGTH OF SUPPORTED FLOOR JOISTS IS 4.9m (1.6'-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 SUPPORTED FLOOR JOISTS IS 4.9m (16-1"). THE STRIP FOOTING SIZE IS

2 STOREY WITH WALK-OUT BASEMENT 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. 25MPa (3600psi) CONC. SLAB ON 100mm (4")
COARSE GRANULAR FILL, OR 20MPa, (3000psi) CONC. WITH
DAMPPROOFING BELOW SLAB. UNDER SLAB INSULATION PER SB-12. ALL SLAB JOINTS & PENETRATIONS TO BE CAULKED.

(8.) EXPOSED FLOOR TO EXTERIOR (SB-12-TABLE 2.1.1.2.A)
PROVIDE RSI 5.46 (R31) INSULATION. APPROVED VAPOUR BARRIER
AND CONTINUOUS AIR BARRIER, FINISHED SOFFIT.

AND CONINDUOUS AIR BARKIER, FINISHED SOFFII.

ATTIC INSULATION (SB—12—TABLE 2.1.1.2.A) (SB—12—2.1.1.7)

RSI 8.81 (R50) 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 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") MAX. NOSING = 25 (1") = 1950 (6'-5") MIN. HEADROOM RAIL @ LANDING = 900 (2'-11") = 865 (2'-10") to 965 (3'-2") RAIL @ STAIR

MAX. RISE

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

HANDRAILS —OBC. 9.8.7.—
FINISHED RAILING ON PICKETS SPACED MAXIMUM 100mm (4")
BETWEEN PICKETS. CLEARANCE BETWEEN HANDRAIL AND SURFACE
BEHIND IT TO BE 50 (2") MIN. HANDRAILS TO BE CONTINUOUS
EXCEPT FOR NEWEL POST AT CHANGES OF DIRECTION.

INTERIOR GUARDS -OBC. 9.8.8.-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 FDTN. WALL. USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED.

BASEMENT INSULATION (SB-12-2.1.1.6), 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. INSULATION TO HAVE APPROVED VAPOUR BARRIER. DAMPPROOF WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL. NOTE: FULL HEIGHT INSULATION AT COLD CELLAR WALLS. REFER TO OBC SB-12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION. AIR BARRIER TO BE SEALED TO FDTN. WALL

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.

STEEL BASEMENT COLUMN

89mm(3-1/2") DIA x 3.0mm(0.118) SINGLE WALL TUBE TYPE 2
ADJUSTABLE STL. COL. W/ MIN. CAPACITY OF 71.2kN (16.000lbs.) AT
A MAX. EXTENSION OF 2318mm (7"-7 1/2") CONFORMING TO
CAN/CGSB-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 / PRESSURE OF 150 Kpa. MINIMUM AND AS PER SOILS REPORT.

PRESSURE OF 150 Apo. MIRMANDON ASSET OF 150 Apo. MIRMANDON 89mm(3-1/2") DIA x 4.78mm(.188) FIXED STL. COL. WITH 1 (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.

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. x 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")

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

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.

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. REFER TO SB-12, TABLE 2.1.1.2.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 (OBC-9.19.2.1. & SB12-2.1.1.7)
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 FIREPLACE CHIMNEYS OBC. 9.21.
"OP OF FIREPLACE CHIMNEY SHALL BE 915mm (3'-0") ABOVE THE HIGHEST POINT AT WHICH IT COMES IN CONTACT WITH THE ROOF AND 610mm (2'-0") ABOVE THE ROOF SURFACE WITHIN A HORIZ. DISTANCE OF 3050mm (10'-0") FROM THE CHIMNEY.

LINEN 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"x1/2") STL. PLATE FOR WOOD BEAMS BEARING ON CONC. BLOCK PARTYWALL, ANCHORED WITH 2-19mm (3/4") x 200mm (8") LONG GALV, ANCHORS WITHIN SOLID BLOCK COURSE. LEVEL WITH NON-SHRINK GROUT.

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).

BEARING WOOD POST (BASEMENT) (OBC 9.17.4.) 3-38X140 (3-2 x6") BUILT-UP-POSTON METAL BASE SHOE ANCHOREL TO CONC. WITH 12.7 DIA. BOLT, 610x610x300 (24"x24"x12") CONC.

STEPPED FOOTINGS OBC 9.15.3.9.

MAX. VERT. STEP = 600mm (24")

SLAB ON GRADE

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

COARSE GRANULAR FILL. REINFORCED WITH 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. REFER TO OBC SB-12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION UNDER SLAB.

DIRECT VENTING GAS FURNACE/ H.W.T. VENT
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. HEV 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 PRE UNDERLAT UNDER ASSAURANCE OF SEATON OF STATE A-1 OR A-2 STRÁPPING SHALL BE 19x64 (1'x3") @ 2100mm (6'-11")

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

ned has reviewed and takes responsibility for this design qualifications and meets the requirements set out in the

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EXPOSED BUILDING FACE OBC. 9.10.15. & SB-2-2.3.5.(2) EXTERIOR WALLS TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 min. WHERE LIMITING DISTANCE (LD) IS LESS THAN 1.2M (3'-11"). WHERE THE LD IS LESS THAN 600mm (1'-11") THE EXPOSING FACE SHALL BE CLAD IN NON-COMBUSTIBLE MATERIAL. SEE ELEVATIONS FOR ADDITIONAL NOTES OFFENDING GARAGE WALLS INCLUDED.

COLD CELLAR PORCH SLAB (OBC 9.40.)
FOR MAX. 2500mm (8'-2") PORCH DEPTH (SHORTEST DIM.),
150mm (6") 32MPa (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, MIN. 30mm (1 1/4") COVER, 600x600 (23 5/8"x23 5/8") 10M DOWELS @ 600mm (23 5/8") O.C., ANCHORED IN PERIMETER FOTN, WALLS, SLOPE SLAB MIN. 1.0%, ANCHORED MIN. 25 TO HAVE MIN. 75mm (3") BEARING ON FDTN. 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 SOLID WITH MORTAR. 38) 38x140/07/4/1 DATEDE & 100-11/10 SOLID WITH MORIAR

38x140 (2"x6") RAFTERS @ 400mm (16"O.C.) FOR MAX 11"-7" SPAN, 38x184 (2"x8") RIDGE BOARD. 38x89 (2"x4") COLLAR TIES AT MIDSPANS. CELING 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. VERTICALL`

WINDOWS: 1) MINIMUM BEDROOM WINDOW -OBC. 9.9.10.1.-AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR IS HAVE MIN. 0.35m2 UNOBSTRUCTED GLAZED OR OPENABLE AREA WITH MIN. CLEAR WIDTH OF 380 mm (11-3").

2) WINDOW GUARDS -OBC. 9.8.8.1.(6). A GUARD IS REQUIRED WHERE THE 10P 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.-B 9.7.3. & SB12-2.1.1.8

| GENERAL: 1) MECHANICAL VENTILATION IS REQUIRED TO COMPLY WITH OBSC-DIV. B, 6.2.2. SEE MECHANICAL DRAWNIGS. |
2) ALL DOWNSPOUTS TO DEAIN AWAY FROM THE BUILDING AS PER OBC 9.26.18.2. & 5.6.2.2.(3) AND MUNICIPAL STANDARDS.

3) 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

REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED REINFORCEMENT OF SIDD 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.
5) ALL EXTERIOR DOORS TO COMPLY WITH THERMAL RESISTANCE
AS STATED IN O.B.C. SB-12-2.1.1.9.

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

LUMBER: 1) ALL LUMBER SHALL BE SPRUCE NO.2 GRADE, UNLESS NOTED

STUDS SHALL BE STUD GRADE SPRUCE, UNLESS NOTED 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 COLUMNICATION ISSES, AND METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED & CERTIFIED BY TRUSS

LVI. BEAMS SHALL BE 2.0E -2950Fb MIN.. NAIL EACH PLY OF LVL WITH 89mm (3 1/27) LONG COMMON WIRE NAILS ® 300mm (12") O.C. STAGGERED IN 2 ROWS FOR 184, 240 & 300mm (7 1/4",9 1/2", 11 7/8") DEPIHS AND STAGGERED IN 3 ROWS FOR DIA. GALVANIZED BOLTS BOLTED AT MID-DEPTH OF BEAM @ 915mm (3'-0") O.C.

6) PROVIDE FACE MOUNT BEAM HANGERS TYPE "SCL" A MANUFACTURED BY SIMPSON STRONG-TIE OR EQUIAL FOR ALL LIVI BEAM TO BEAM CONNECTIONS UNLESS OTHERWISE NOTED. REFER TO ENG. FLOOR LAYOUTS.

7) 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 MI, POLYETHYLENE FILM, NO. 50 (45/bs.), ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 150mm (6") ABOVE THE GROUND.

1) 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.
2) REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R.

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 MANUFACTURE
SPECIFICATIONS. STUCCO: 1)

(S)

LEGEND • CLASS 'B' VENT DUPLEX OUTLET (12" ABOVE SURFACE)

WEATHERPROOF DUPLEX OUTLET POT LIGHT Д«

LIGHT FIXTURE (PULL CHAIN) SWITCH € FLOOR DRAIN

LIGHT FIXTURE (CEILING MOUNTED) LIGHT FIXTURE (WALL MOUNTED) HOSE BIB (NON-FREEZE)

EXHAUST FAN

TO EXTERIOR

GFI DUPLEX OUTLET (HEIGHT A.F.F)

HEAVY DUTY OUTLET (220 volt)

DUPLEX OUTLET (HEIGHT A.F.F)

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

×</ POINT LOAD FROM ABOVE PRESSURE TREATED

GIRDER TRUSS BY ROOF TRUSS MANUF. E.A. FLAT ARCH

I CURVED ARCH T

MEDICINE CABINET (RECESSED)

CONC. BLOCK WALL DOUBLE VOLUME WALL SEE NOTE (39.)

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

CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB AND REPORT ANY DISCREPANCY TO VA3 DESIGN BEFORE 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 WOF ALL DRAWINGS TO BE USED FOR CONSTRUCTION ONLY AFTER BUILDING PERMIT HAS BEEN ISSUED.

(39) - 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 (2'8'') 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 GRND. CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES AND HEADERS.

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

FOR LATERAL SUPPORT WITH -FOR LATERAL SUPPORT WHERE GRADE TO T/O BASEMENT SLAB EXCEEDS 1200mm (3'-11") 200mm (8") POURED CONC. FOUNDATION WALL PROVIDE VERTICAL 38x140 (2"x6") WOOD STUDS @ 400 (16") o.c. MATCH FLOOR JOIST SPACING WHEN PARALLEL WITH FLOOR JOISTS, TRAMSET BOTTOM PLATE TO SLAB & FASTEN TOP OF WALL TO FLOOR JOIST AND ALSO TIED TO 38x84 (2"x4") @ 300 (12") o.c. KNEE WALL]. REFER TO DETAIL.

42. EXTERIOR WALLS FOR WALK-OUT CONDITIONS

THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. <u>OR</u> 38x89 (2"x4") STUDS @ 300mm

ONT. REG. 332/12-2012 OBC

♦ REVISED Amendment 0. Reg. 368/13 NOV. 13, 2014

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 L3 L5

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 6.4L (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 (5" x 3-1/2" x 5/16"L) 127 x 89 x 11.0L (5" x 3-1/2" x 7/16"L) 152 x 102 x 11.0L (6"x 4" x 7/16"L) 178 x 102 x 11.0L (7"x 4" x 7/16"L)

LAMINATED VENEER LUMBER (LVL) BEAMS LVL1A 1-1 3/4"x7 1/4" (1-45x184) LVL1 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) LVL3

LVL5 4-1 3/4 x/ 1/4 (4-45x164) LVL4A 1-1 3/4 x9 1/2" (1-45x240) LVL5 3-1 3/4 x9 1/2" (3-45x240) LVL5 4-1 3/4 x9 1/2" (3-45x240) LVL5 4-1 3/4 x9 1/2" (4-45x240) 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) LVL6 4-1 3/4"x11 7/8" (4-45x300)

DOOR SCHEDULE

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

915 x 2030 x 45 (3'-0" x 6'-8" x 1-3/4") INSULATED MIN. RSI 0.7 (R4) 915 x 2335 x 45 (3'-0" x 7'-8" x 1-3/4") INSULATED MIN. RSI 0.7 (R4) (1B) EXTERIOR (1C)

815 x 2335 x 45 (2'-8" x 7'-8" x 1-3/4") INSULATED MIN. RSI 0.7 (R4) **EXTERIOR** (1D) DOOR INTERIOR 815 x 2030 x 35 (2'-8" x 6'-8" x 1-3/8") (2.) DOOR EXTERIOR (2A)

DOOR

815 x 2030 x 45 (2'-8" x 6'-8" x 1-3/4") 20 MIN. RATED DOOR AND FRAME, WITH APPROVED SELF CLOSING DEVICE. INSULATED MIN. RSI 0.7 (R4) 815 x 2030 x 45 (2'-8" x 6'-8" x 1-3/4") (WEATHERSTRIPPING INSTALLED) EXTERIOR (2B) DOOR

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

INTERIOR DOOR (4.) INTERIOR (4A) DOOR

INTERIOR (5.) DOOR

MECHANICAL SYMBOLS --0 HEAT PIPE ____**&**`` PLUMBING (TOILET) CIIIII≫♥ PLUMBING (BATH. SINK, SHOWER) WARM AIR RETURN AIR DUCT

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.(3)).

CARBON MONOXIDE ALARMS (OBC 9.33.4.)
WHERE A FUEL-BURNING APPLIANCE IS INSTALLED IN A DWELLING
UNIT, A CARBON MONOXIDE ALARM CONFORMING TO UNIT, A CARBON MONOCIDE ALARM CONFORMING TO CAN,/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, REFER TO MANUFACTURER FOR

ADDDITIONAL REQUIREMENTS. SOIL GAS/ RADON CONTROL (OBC 9.1.1.7. & 9.13.4.) PROVIDE CONSTRUCTION TO PREVENT LEAKAGE OF SOIL GAS INTO THE BUILDING IF REQUIRED.

REFER TO UNIT DRAWINGS OR PAGE CN-2 FOR SB-12 COMPLIANCE PACKAGE TO BE USED FOR THIS MODEL.

The minimum thermal performance of building envelope and equipment shall conform to the selected package unless otherwise noted.

2014

BAYVIEW WELLINGTON

CONST NOTE

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BRADFORD

CONSTRUCTION NOTES

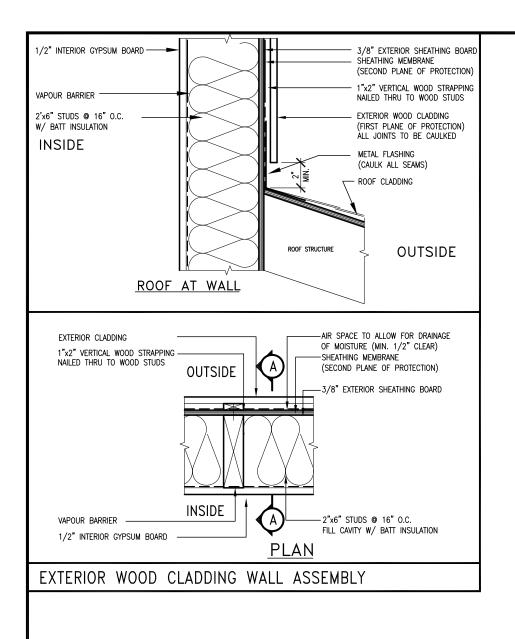
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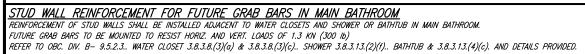
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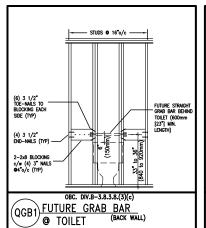
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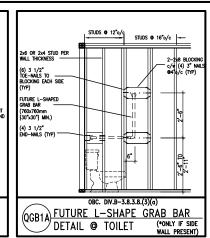
GREEN VALLEY ESTATES APR 2014 3/16" = 1'-0" 13045-CONST-OBC 2015

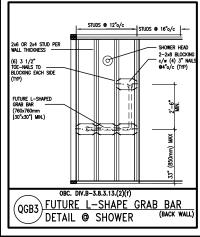
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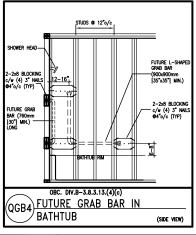


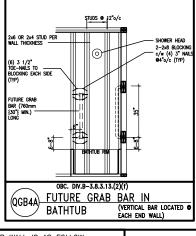


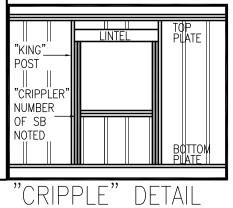












MAX. HEIGHT FOR 2"X4" GARAGE WALL IS AS FOLLOW: 2"x4" ⊕ 16" O.C. - 9-10" 2-2"x4" ⊕ 12" O.C. - 10'-9" 3-2"x4" ⊕ 16" O.C. - 11'-2"

3-2"x4" @ 12" O.C. - 12'-4"

NOTES:

1. FOR ROOF DESIGN SNOW LOAD OF 2.5 KPa.
SUPPORTED ROOF TRUSS LENGTH OF 6.0m AND FLOOR
JOIST LENGTH OF 2.5m OF ONE FLOOR.

2. PROVIDE HORIZONTAL SOLID BLOCKING @ 1200 0.C. (4'-0")

PROVIDE A MINIMUN OF 9.5mm (3/8") PLYWOOD OR OSB EXTERIOR SHEATHING ON THE EXTERIOR FACE.

FOR A 1/50 YEAR REFERENCE WIND PRESSURE OF 0.6 KPa. STUDS GREATER THAN 9'-10" HIGH TO BE No. 2 SPF STUD SPECIFICATION IS SUITABLE FOR BRICK VENEER OR

MAX. HEIGHT FOR 2"x6" EXTERIOR WALL IS AS FOLLOW:

2"x6" @ 16" 0.C. - 12'-6" 2"x6" @ 12" 0.C. - 13'-10" 2-2"x6" @ 16" 0.C. - 15'-0"

2-2"x6" @ 12" O.C. - 17'-4" MAX. HEIGHT FOR 2"x8" EXTERIOR WALL IS AS FOLLOWS:

NOTES:

FOR ROOF DESIGN SNOW LOAD OF 2.5 KPa SUPPORTED ROOF TRUSS LENGTH OF 6.0m ONLY. PROVIDE HORIZONTAL SOLID BLOCKING @ 1200 O.C. (4'-0")
PROVIDE A MINIMUM OF 9.5mm (3/8") PLYWOOD OR OSB
EXTERIOR SHEATHING ON THE EXTERIOR FACE AND 12.5mm (1/2") GYPSUM BOARD ON THE INTERIOR FACE. WALL FRAMING SHALL CONFORM TO OBC 9.23.10.1.(2)

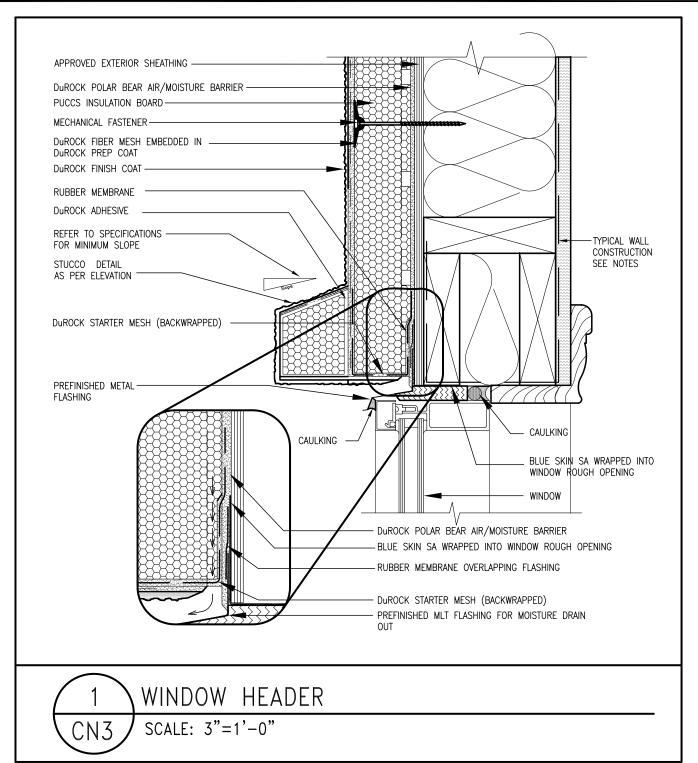
FOR A 1/50 YEAR REFERENCE WIND PRESSURE OF 0.6 KPa STUDS GREATER THAN 9'-10" HIGH TO BE No. 2 SPF. STUD SPECIFICATION IS SUITABLE FOR BRICK VENEER OR

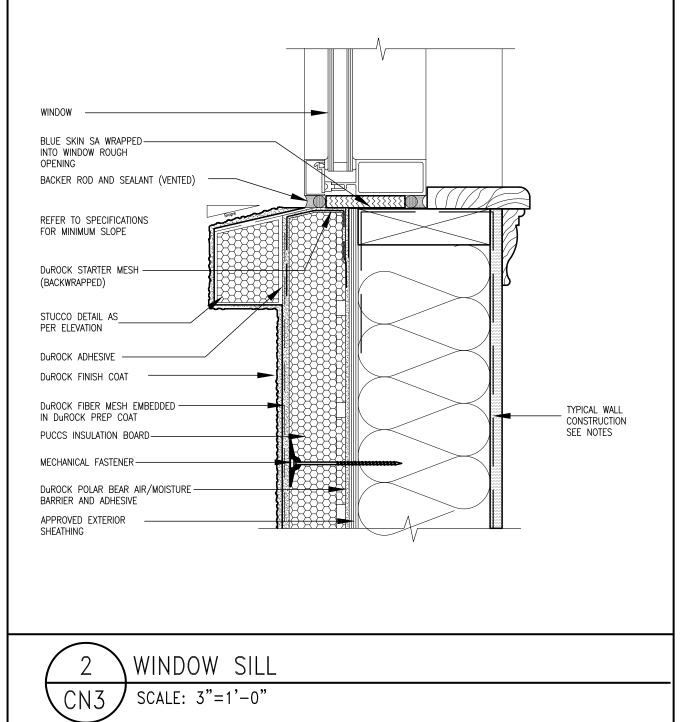
** STUD INFORMATION TAKEN FROM OBC TABLE A-30

			•
			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 / 1/30/165/75 2559
			name , signature BC
			registration information VA3 Design Inc. 4265
UPDATE TO CODE	APR 16-15	RC	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All
ISSUE FOR CLIENT REVIEW	MAY 07-14	RC	
description	date	by	Drawings are not to be scaled.



BAYVIEW	CONST		
GREEN VALLEY ESTATES	municipality BRADFORD		project no. 13045
date APR 2014	CONST	RUCTION NOTES	drawing no.
drawn by checked by RC -	•	file name 3045-CONST-OBC 2015	CN2
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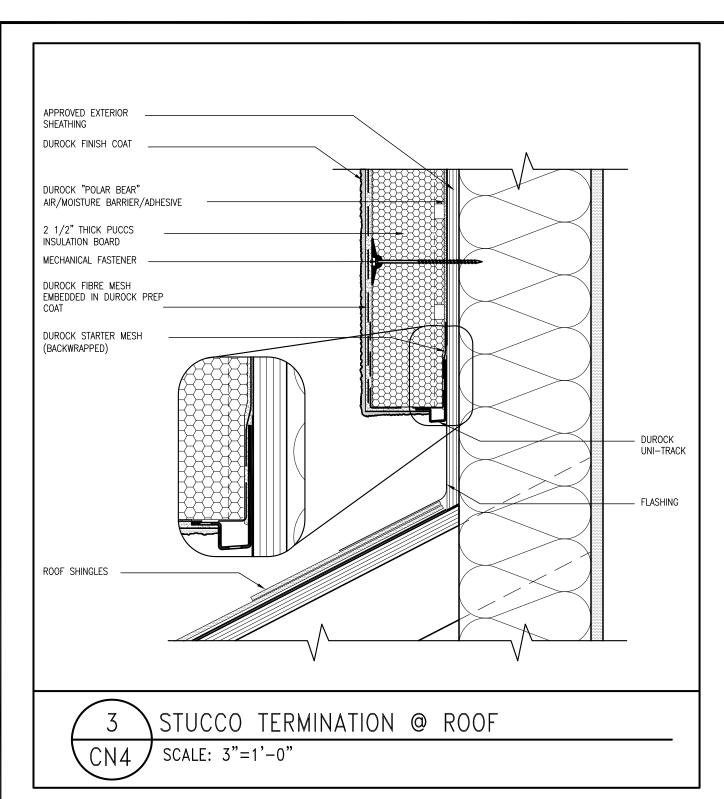




ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR. THE EXTERIOR SHEATHING MUST NOT BE GYPSUM BASED. ALL STUCCO TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS.

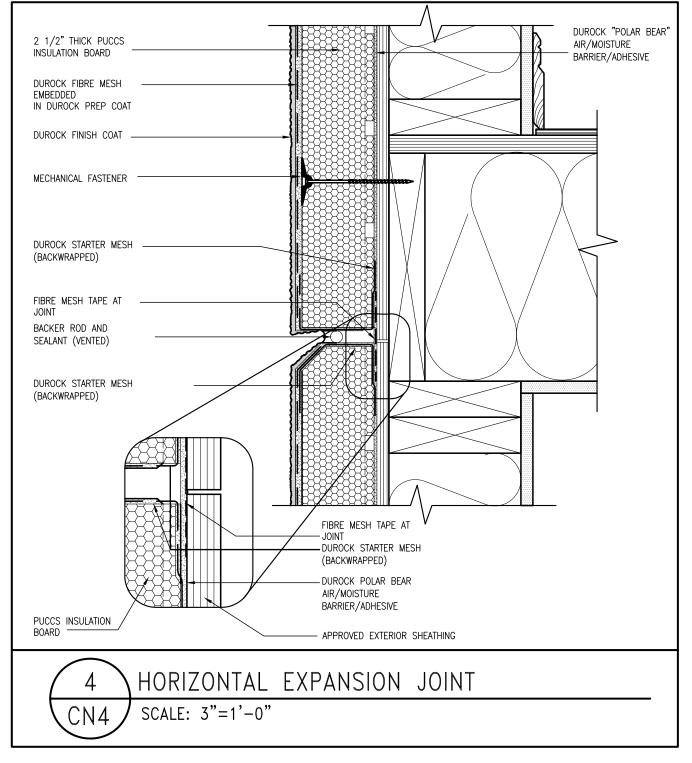
DETAILS ARE BASED ON DUROCK PUCCS SYSTEM

NOTE CONST CONSTRUCTION WELLINGTON **ESTATES** BAYVIEW VALLEY project name GREEN 2014 by APR drawn RC



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



NOTE

CONST

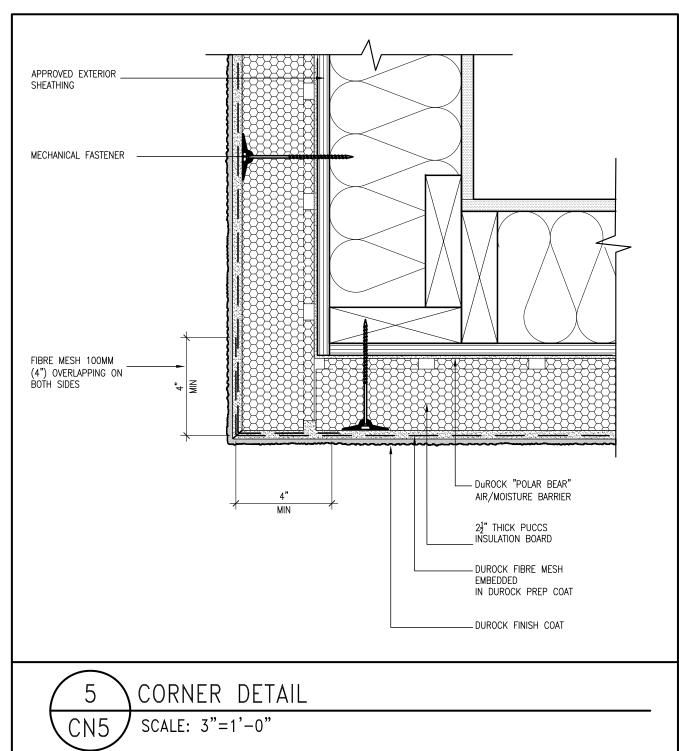
BAYVIEW WELLINGTON

ESTATES

VALLEY

GREEN V GREEN V date APR 2014 drawn by RC

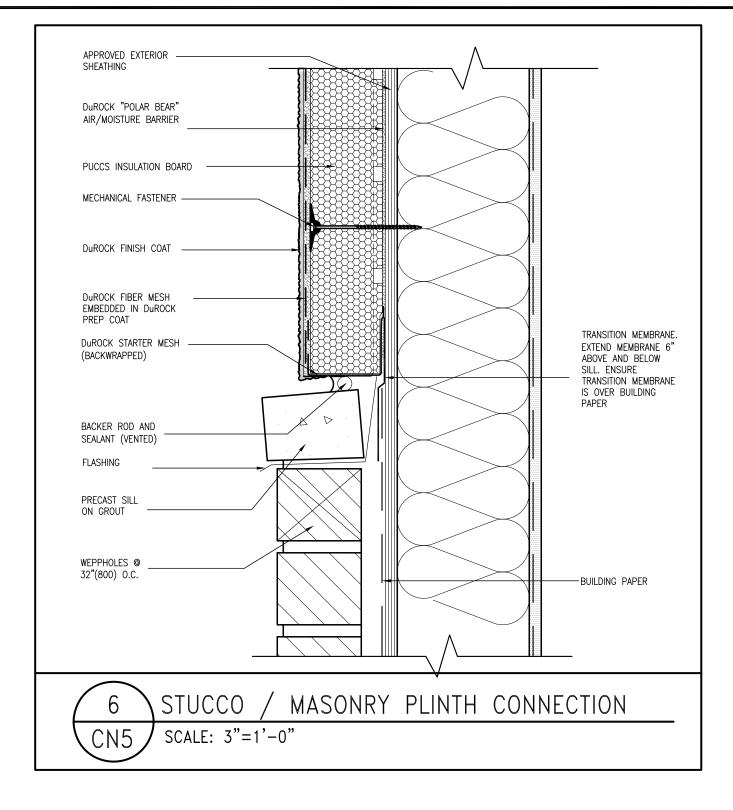
CONSTRUCTION NOTES
file name
13045-CONST-OBC 2015



CN5 SCALE: 3"=1'-0"

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

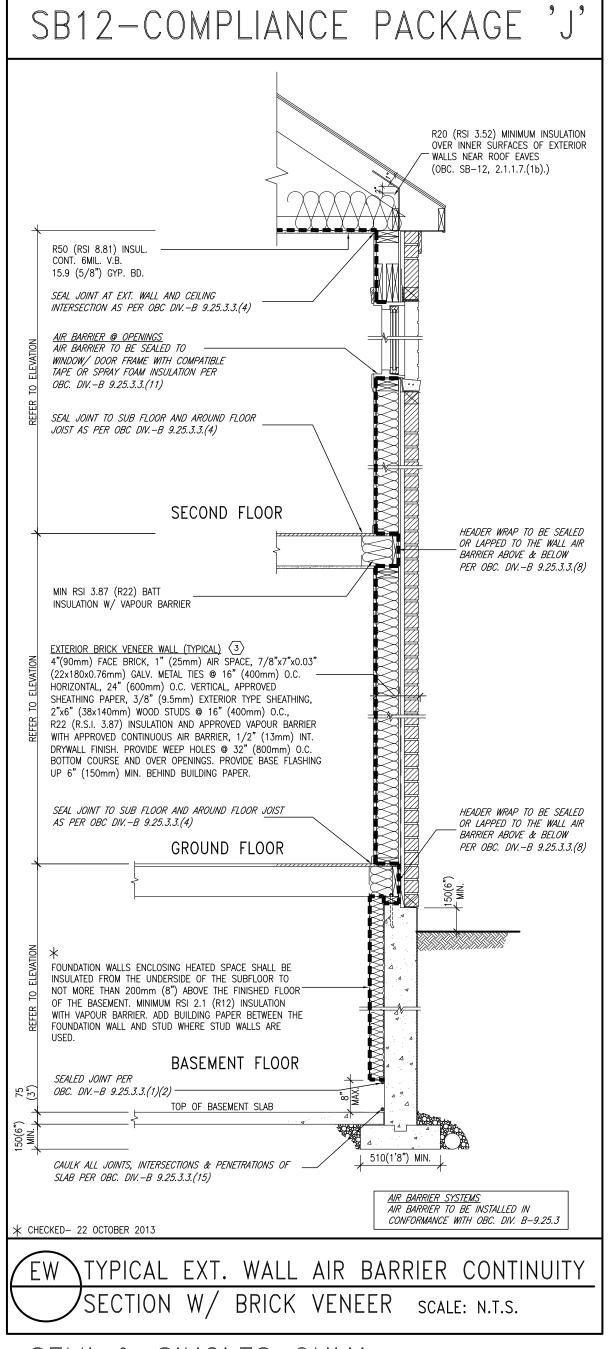
BAYVIEW WELLINGTON

ESTATES

Project name
GREEN VALLEY E
date
APR 2014
Grown by
RC

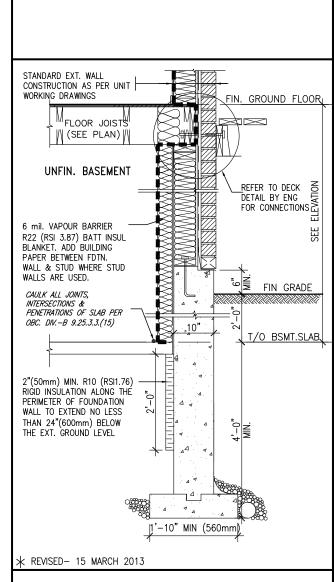
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CONSTRUCTION NOTES
file name
13045-CONST-OBC 2015



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 2.1.1.1

USE SB-12 COMPLIANCE PACKAGE (J):								
COMPONENT	J	Notes:						
Ceiling with Attic Space Minimum RSI (R) value	8.81 (R50)	BLOWN -LOOSE						
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	2.11 (R12)	4" R12 BLANKET						
Edge of Below Grade Slab ≤600mm below grade Minimum RSI (R) value	1.76 (R10)	RIGID INSUL						
Windows & Sliding glass Doors Maximum U—value	1.8	DOUBLE PANE LOW EMISSIVITY						
Skylights Maximum U-value	2.8	DOUBLE PANE LOW EMISSIVITY						
Space Heating Equipment Minimum AFUE	94%	NATURAL GAS						
Hot Water Heater Minimum EF	0.67	NATURAL GAS						
HRV Minimum Efficiency	60%	_						



SECTION AT W.O.D/W.O.B.

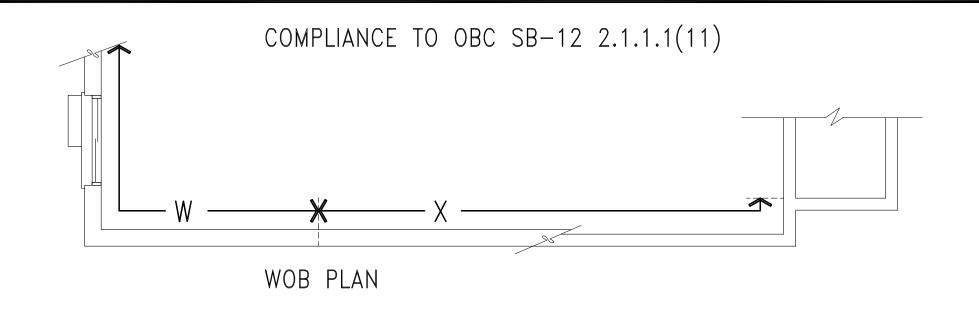
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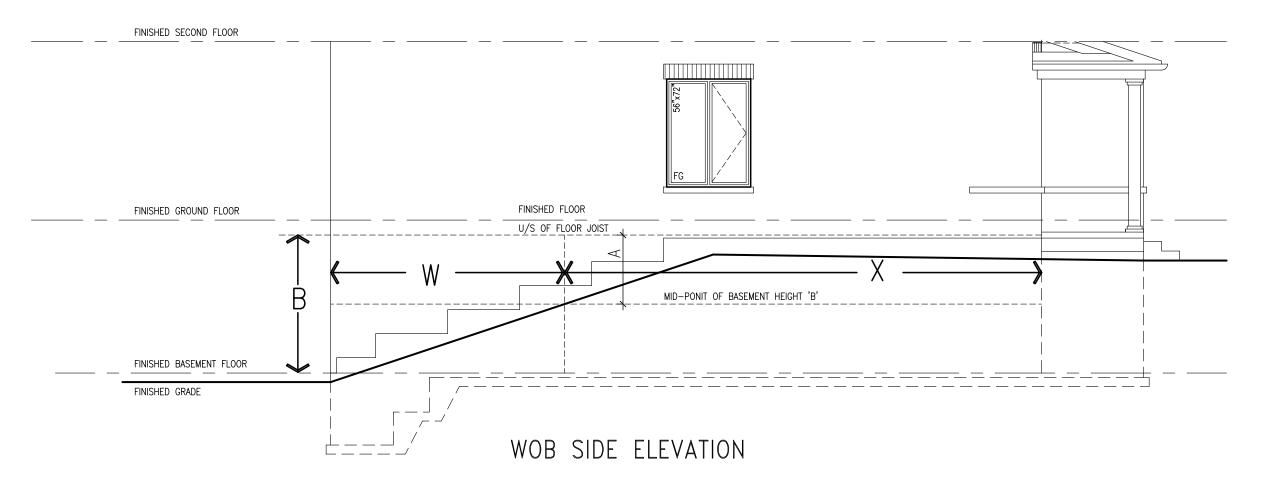
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	JLIVII &	\bigcirc \Box	4	
9				The undersigned has reviewed and takes responsibility for this design
8				and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.
7				qualification information
6				Wellington Jno-Baptiste WhoficsTE 25591
5				name , //signatyre BCIN
4				registration information VA3 Design Inc. 42658
3				Contractor must verify all dimensions on the job and report any
2	UPDATE TO CODE	APR 16-15	RC	discrepancy to the Designer before proceeding with the work. All
1	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC	drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work.
		1.1	-	of the besigner which must be returned at the completion of the work.



	BAY	/IEW '	WELLINGTON		CONST	NOTE
project name GREEN	VALLEY	ESTATES		municipality BRADFORD		project no. 13045
^{date} APR 2014				CONST	RUCTION NOTES	drawing no.
drawn by		checked by	scale		file name	CNIC



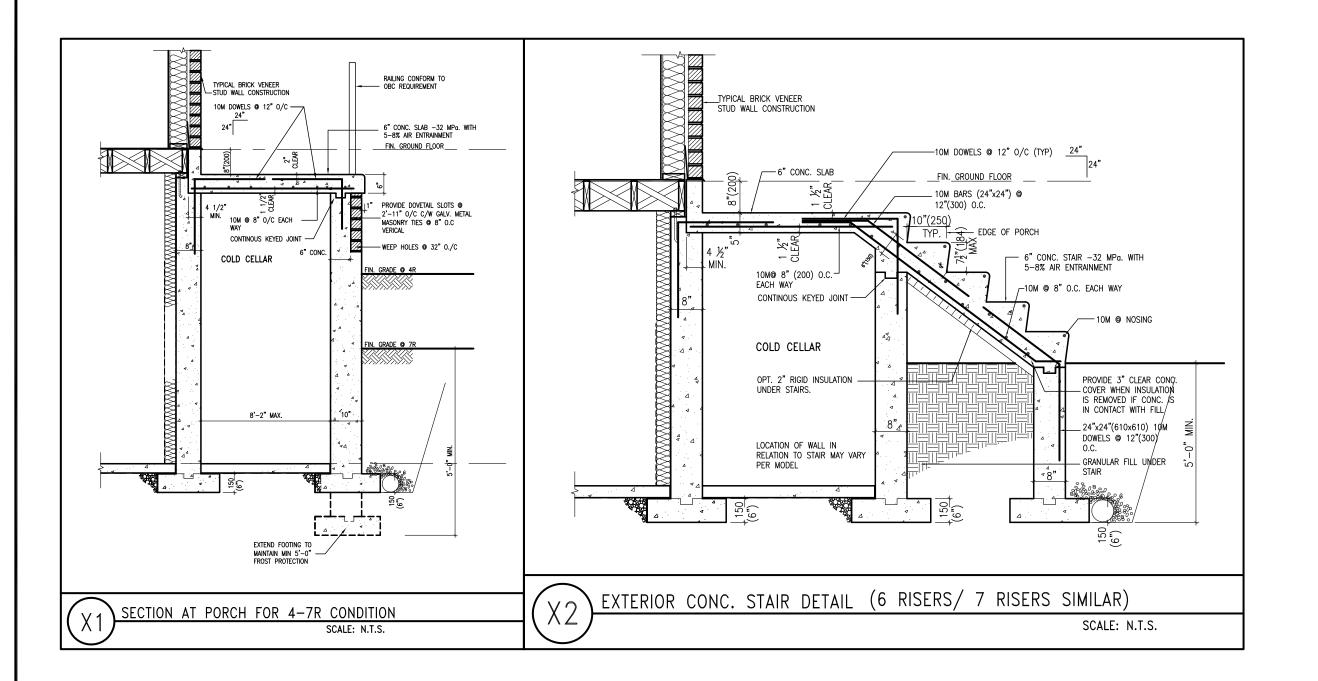


WHEN EXPOSED WALL "A" IS GREATER THAN 50%
OF BASEMENT WALL HEIGHT "B"
INSULATION VALUE FOR WALL IN SECTION "W"
IS NOT LESS THAN IS REQUIRED FOR ABOVE
GRADE WALL AS REQUIRED BY TABLE 2.1.1.2A

WHEN EXPOSED WALL "A" IS LESS THAN 50%
OF BASEMENT WALL HEIGHT "B"
INSULATION VALUE FOR WALL IN SECTION "X"
IS NOT LESS THAN BASEMENT WALL AS
REQUIRED BY TABLE 2.1.1.2A

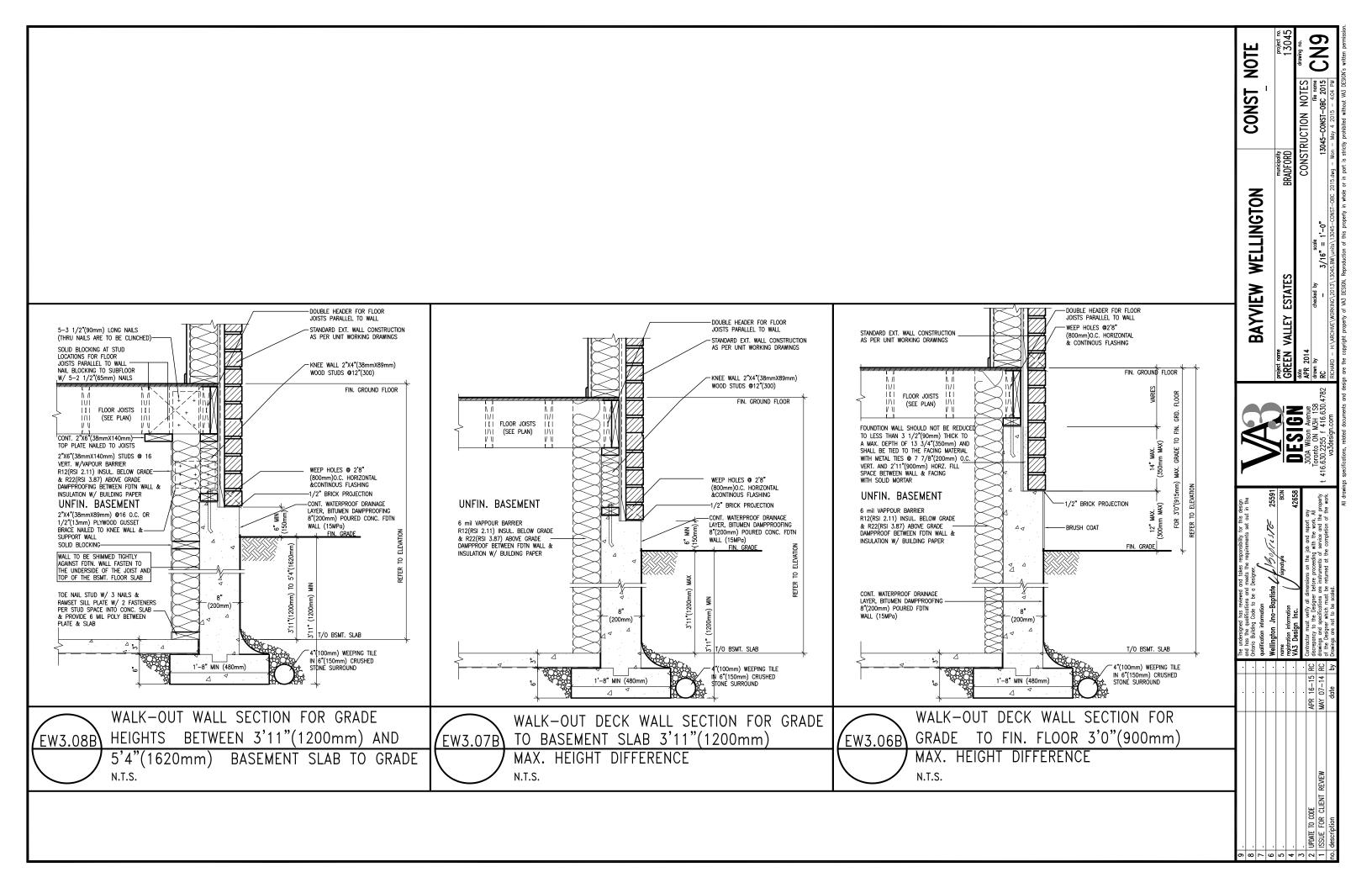
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	MOT	5		municipality	BKADFOKD	ILSNOO			ONST-0BC 2015.dwg - Thu -	option is supply or in part in obtain
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				project name	GREE	date	drawn by	82 RC	RICHARD	decion are the
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the undersigned has reviewed and takes responsibility for this design	and has the quaintrations and meets the requirements set out in the Ontario Building Code to be a Designer.		te 1 6 150 11 5591	, signature BCIN	42658	2	APR 16—15 RC discrepancy to the Designer before proceeding with the work. All	MAY 07-14 RC drawings and specifications are instruments of service and the property	id.	NI Area
Ine undersigned nds reviewed		qualification information	. Wellington Jno-Baptiste	name	registration information	in ingredient	Contractor must verify all air discrepancy to the Designer	drawings and specifications a	date by Drawings are not to be scaled.	
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•							APR 16	MAY 07	date	
								REVIEW		

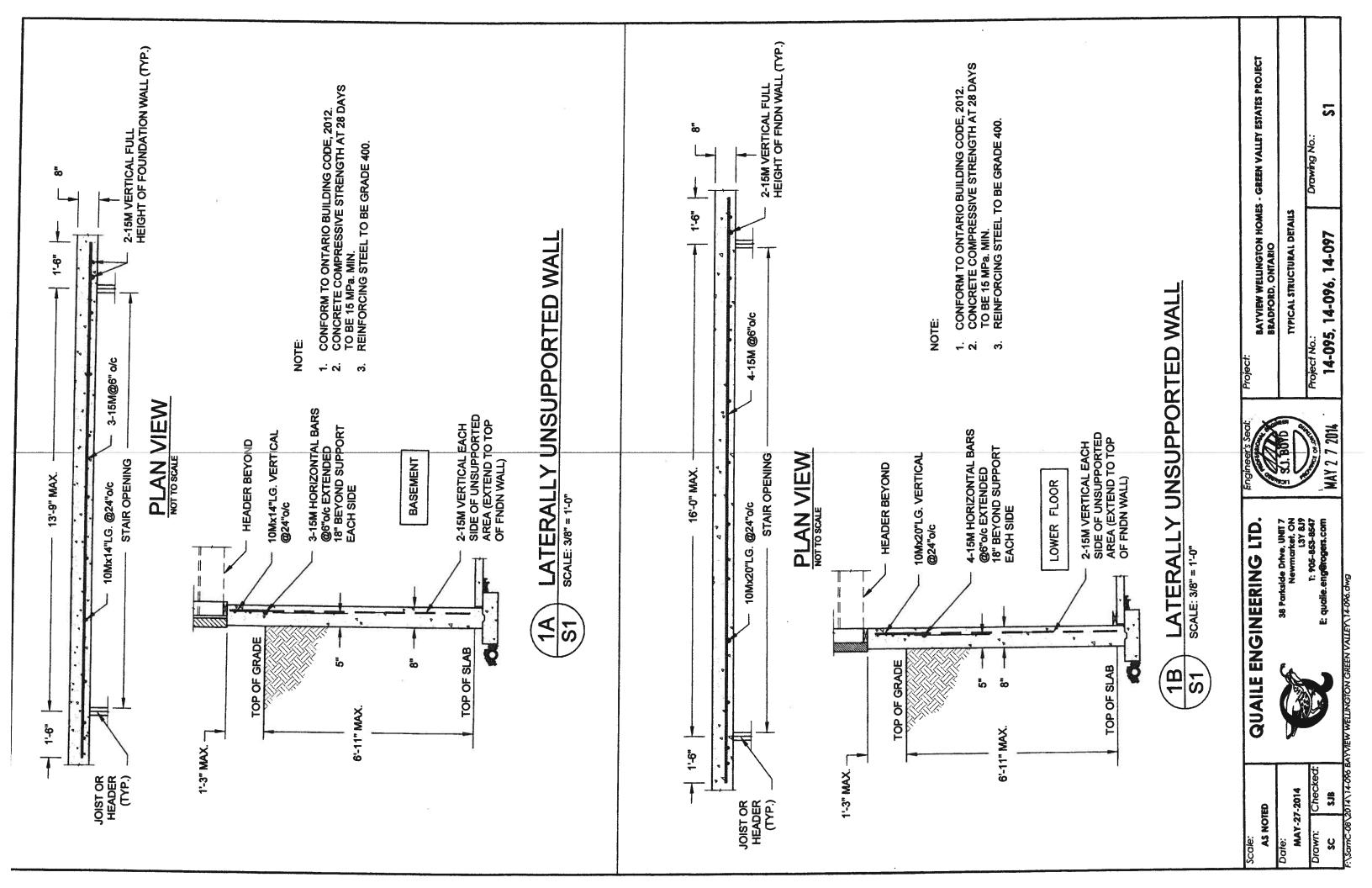
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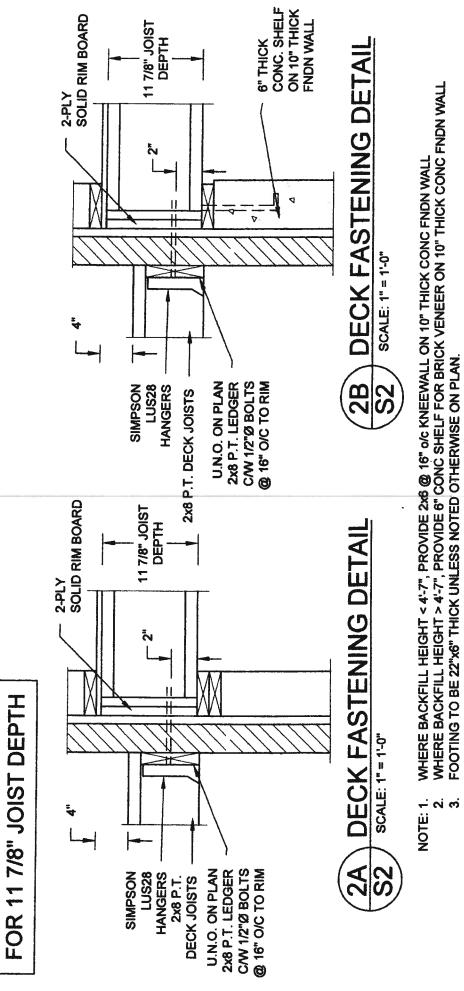
CN8 CONST NOTE CONSTRUCTION NOTES

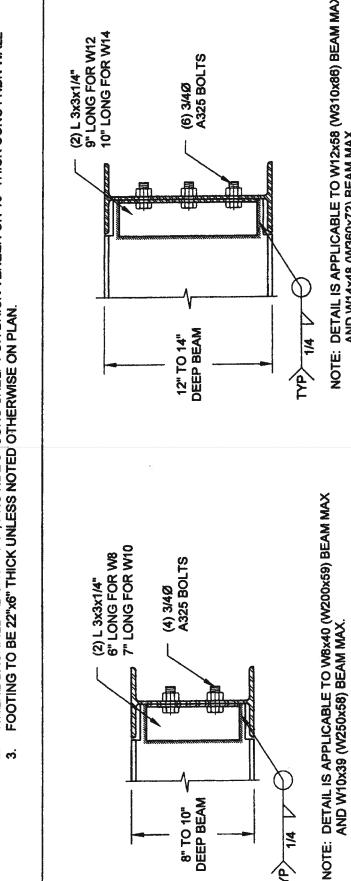
file name
13045-CONST-08C 2015 BAYVIEW WELLINGTON ESTATES





9 1/2" _JOIST DEPTH SOLID RIM BOARD CONC. SHELF ON 10" FNDN WALL **DECK FASTENING DETAIL** 6" THICK WHERE BACKFILL HEIGHT < 4'-7", PROVIDE 2x6 @ 16" o/c KNEEWALL ON 10" THICK CONC FNDN WALL WHERE BACKFILL HEIGHT > 4'-7", PROVIDE 6" CONC SHELF FOR BRICK VENEER ON 10" THICK CONC FNDN WALL FOOTING TO BE 22"x6" THICK UNLESS NOTED OTHERWISE ON PLAN. SCALE 2x8 P.T. LEDGER C/W 1/2" Ø BOLTS @ 16" O/C TO RIM U.N.O. ON PLAN 2-2x8 P.T. LEDGER c/W 1/2" ØX12" LONG HILTI ADHESIVE ANCHORS @ 16" o/c LUS28 HANGERS 2x8 P.T. DECK JOISTS U.N.O. ON PLAN SIMPSON <u>1</u>9 9 1/2" JOIST DEPTH 2-2x6 BLOCKING BETWEEN STUDS C/W 2- 3 1/2" END NAILS PER PLY SOLID RIM BOARD **DECK FASTENING DETAIL** 1/2" JOIST DEPTH SCALE: 1" = 1'-0' 4 2 3 U.N.O. ON PLAN 2-2x8 P.T. LEDGER c/w 1/2"Ø BOLTS @ 16" 0/c NOTE U.N.O. ON PLAN 2x8 P.T. LEDGER C/W 1/2"Ø BOLTS @ 16" O/C TO RIM 14 S2 SIMPSON HANGERS **DECK JOISTS** 2x8 P.T တ FOR





BEAM 8" TO 10" DEEP BEAN

1/4

<u>}</u>

NOTE: DETAIL IS APPLICABLE TO W12x58 (W310x86) BEAM MAX AND W14x48 (W360x72) BEAM MAX.



QUAILE ENGINEERING LTD.

Project No.

TYPICAL STRUCTURAL DETAILS

14-095, 14-096, 14-097

Drawing No.

S

BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT BRADFORD, ONTARIO

MAY 27

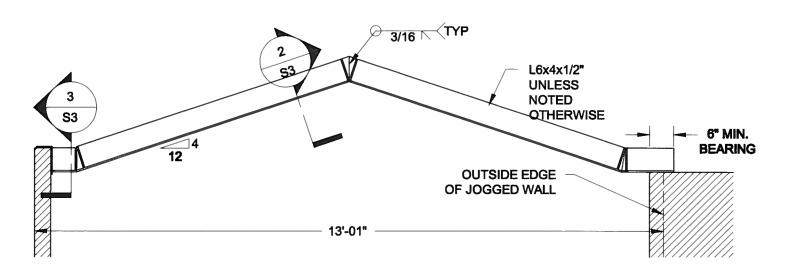
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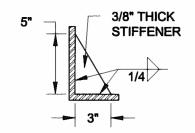
AS NOTED

38 Parkside Drive, UNIT 7 Newmarket, ON L3Y 8J9 T: 905-853-8547 E: quaile.eng@rogers.com

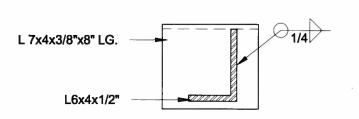
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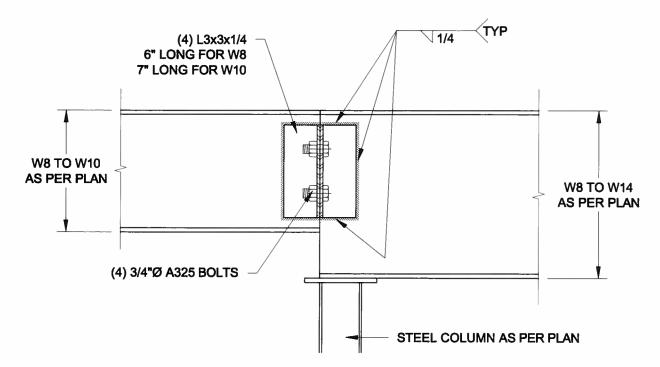
1 STEEL LINTEL AT GABLE
S3 SCALE: 1/2" = 1'-0"



2 TYP. STIFFENER
SCALE: 1 1/2" = 1'-0"



3 INVERTED ANGLE
S3 SCALE: 1 1/2" = 1'-0"



4 STEEL BEAM CONNECTION
SCALE: 1 1/2" = 1'-0"

Scale: AS NOTED

Date: FEB-28-2016

Drawn: Checked 8C 8JB **QUAILE ENGINEERING LTD.**



PHSonic-00/2014/14-005 BAYVIEW WELLINGTON GREEN WALLEY SINGLES/14-050-day

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Project.

BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT BRADFORD, ONTARIO

TYPICAL STRUCTURAL DETAILS FOR SINGLES

Project No.: Drawing N

S3