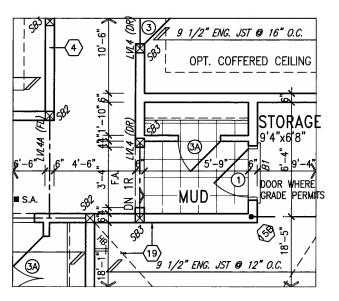


It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible 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.

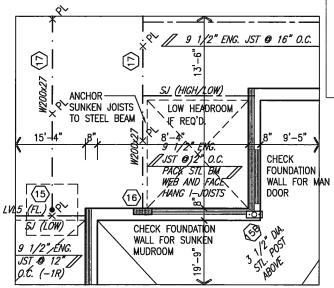
This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of BRADFORD / WEST GWILLIMBURY.

ARCHITECTURAL DEVIEW & APPROVAL? MAY 20 2015

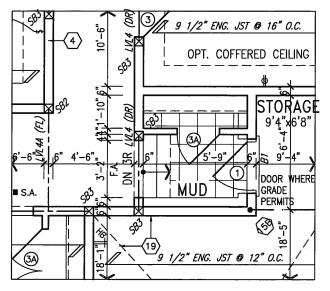
John G. Williams Limited, Architect



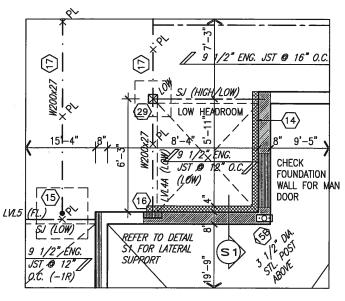
PARTIAL GROUND FLOOR PLAN SUNKEN MUDROOM (-1R CONDITION)



PARTIAL BASEMENT PLAN SUNKEN MUDROOM (-1R CONDITION)



PARTIAL GROUND FLOOR PLAN SUNKEN MUDROOM (-2R TO -3R CONDITION)



PARTIAL BASEMENT PLAN SUNKEN MUDROOM (-2R TO -3R CONDITION)

AREA CALCULATIONS	ELEV. A	ELEV. B	ELEV. C
GROUND FLOOR AREA	1589 SF	1589 SF	1589 SF
SECOND FLOOR AREA	1980 SF	1959 SF	1981 SF
SUBTOTAL DEDUCT ALL OPEN AREAS FINISHED BSMT AREA	3569 SF	3548 SF	3570 SF
	102 SF	102 SF	102 SF
	00 SF	00 SF	00 SF
TOTAL NET AREA	3467 SF (322.09 m2)	3446 SF (320.14 m2)	3468 SF (322.18 m2)
COVERAGE	2051 SF	2051 SF	2051 SF
W/OUT PORCH	(190.54 m2)	(190.54 m2)	(190.54 m2)
COVERAGE W/ PORCH	2126 SF (197.51 m2)	2126 SF (197.51 m2)	2126 SF (197.51 m2)

NOTE:

SPACE ALL FLOOR JOISTS @ 12" O.C. UNDER ALL CERAMIC TILE AREAS.

ONE PLY RUBBER MEMBRANE ADHERED TO EXT. TYPE %" T&G PLYWOOD SHEATHING ON 2"x4" PURLINS LAID PERP. TO JOISTS SLOPED TO DRAIN, ON 2"x8" SPR. FLR. JOISTS @ 16" O.C. W/ PREFIN. ALUM. SOFFIT ON U/S

REFER TO STANDARD FLOOR PLANS FOR ADDITIONAL INFORMATION.



NOTE: SPACE ALL FLOOR JOISTS @ 12" O.C. UNDER ALL CERAMIC TILE AREAS.

NOTE: ALL LVL'S SUPPORTING FLOOR LOADS ARE TO BE SPECIFIED BY FLOOR TRUSS MANUFACTURER.

NOTE: FLOOR FRAMING INFO REFER TO SHOP DRAWINGS FOR ALL TRUSS—JOIST INFORMATION AND DETAILS. UNLESS OTHERWISE NOTED.

9	ļ.			The
8				and Onta
7	•			quoli
6	•			Wel
5			•	nome
4	•			regis VA3
3	REVISED AS PER ENG'S COMMENTS	APR 30-15	RC	
2	ADDED UPGRADED REAR ELEVATIONS.	SEP. 30/14	GW	Contr
1	ISSUED FOR CLIENT REVIEW.	SEPT.15/14	DΒ	drawl of th
no.	description	date	by	Drow

undersigned has reviewed and takes responsibility for this design has the qualifications and meets the requirements set out in the via Building Code to be a Designer. llington Ino-Baptiste / 180511576 25591

42658 tractor must verify all dimensions on the job and report any repancy to the Designer before proceeding with the work. All wings and specifications are instruments of service and the property the Designer which must be returned at the completion of the work wings are not to be scaled.

	DESIGN
	300A Wilson Avenue
	Toronto ON M3H 1S8
t	416.630.2255 f 416.630.4782

dote SEPTEMBER 2014

DARRYL BURTON

BAYVIEW WELLINGTON

S42 - 6RIDEAU 6

GREEN VALLEY ESTATES BRADFORD PARTIAL PLANS- SUNKEN MUDROM CONDITION 3/16" = 1'-0"

UNINSULATED OPENINGS (PER OBC. SB-12,2.1.1.(7)			
42-6 ELEVATION A	ENERGY EFFICIENCY - OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675.00 S.F.	94.01 S.F.	13.93 %
LEFT SIDE	1175.51 S.F.	79.00 S.F.	6.72 %
RIGHT SIDE	1175.51 S.F.	111.56 S.F.	9.49 %
REAR	675.00 S.F.	153.72 S.F.	22.77 %
TOTAL SQ. FT.	3701.02 S.F.	438.29 S.F.	11.84 %
TOTAL SQ. M.	343.83 S.M.	40.72 S.M.	11.84 %

UNINSULATED OPENINGS (PER OBC. SB-12,2.1.1.(7)				
42-6 ELEVATION A WOB	ENERGY EFFICIENCY - OBC SB12			
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE	
FRONT	675.00 S.F.	94.01 S.F.	13.93 %	
LEFT SIDE	1175.51 S.F.	79.00 S.F.	6.72 %	
RIGHT SIDE	1175.51 S.F.	111.56 S.F.	9.49 %	
REAR	908.44 S.F.	188.06 S.F.	20.70 %	
TOTAL SQ. FT.	3934.46 S.F.	472.63 S.F.	12.01 %	
TOTAL SQ. M.	365.52 S.M.	43.91 S.M.	12.01 %	

UNINSULATED OPENINGS (PER OBC. SB-12,2.1.1.(7)			
42-6 ELEVATION A WOD	-6 ELEVATION A WOD ENERGY EFFICIENCY — OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	675.00 S.F.	94.01 S.F.	13.93 %
LEFT SIDE	1175.51 S.F.	79.00 S.F.	6.72 %
RIGHT SIDE	1175.51 S.F.	111.56 S.F.	9.49 %
REAR	810.00 S.F.	178.17 S.F.	22.00 %
TOTAL SQ. FT.	3836.02 S.F.	462.74 S.F.	12.06 %
TOTAL SQ. M.	356.37 S.M.	42.99 S.M.	12.06 %

THUNDUL ATER OREM	11100	***	
UNINSULATED OPENINGS (PER OBC. SB-12,2.1.1.(7)			
42-6 ELEVATION B	ENERGY EFFICIENCY - OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	704.83 S.F.	115.85 S.F.	16.44 %
LEFT SIDE	1160.65 S.F.	79.00 S.F.	6.81 %
RIGHT SIDE	1160.65 S.F.	111.56 S.F.	9.61 %
REAR	675.00 S.F.	153.72 S.F.	22.77 %
TOTAL SQ. FT.	3701.13 S.F.	460.13 S.F.	12.43 %
TOTAL SQ. M.	343.84 S.M.	42.75 S.M.	12.43 %

UNINSULATED OPENINGS (PER OBC. SB-12,2.1.1.(7)			
42-6 ELEVATION B WOD	ON B WOD ENERGY EFFICIENCY - OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	704.83 S.F.	115.85 S.F.	16.44 %
LEFT SIDE	1160.65 S.F.	79.00 S.F.	6.81 %
RIGHT SIDE	1160.65 S.F.	111.56 S.F.	9.61 %
REAR	810.00 S.F.	178.17 S.F.	22.00 %
TOTAL SQ. FT.	3836.13 S.F.	484.58 S.F.	12.63 %
TOTAL SQ. M.	356.39 S.M.	45.02 S.M.	12.63 %

UNINSULATED OPENINGS (PER OBC. SB-12,2.1.1.(7)			
42-6 ELEVATION B WOB	WOB ENERGY EFFICIENCY - OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	704.83 S.F.	115.85 S.F.	16.44 %
LEFT SIDE	1160.65 S.F.	79.00 S.F.	6.81 %
RIGHT SIDE	1160.65 S.F.	111.56 S.F.	9.61 %
REAR	908.44 S.F.	188.06 S.F.	20.70 %
TOTAL SQ. FT.	3934.57 S.F.	494.47 S.F.	12.57 %
TOTAL SQ. M.	365.53 S.M.	45.94 S.M.	12.57 %

UNINSULATED OPENINGS (PER OBC. SB-12,2.1.1.(7)			
42-6 ELEVATION C	ATION C ENERGY EFFICIENCY - OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	702.50 S.F.	113.01 S.F.	16.09 %
LEFT SIDE	1175.51 S.F.	79.00 S.F.	6.72 %
RIGHT SIDE	1175.51 S.F.	111.56 S.F.	9.49 %
REAR	675.00 S.F.	153.72 S.F.	22.77 %
TOTAL SQ. FT.	3728.52 S.F.	457.29 S.F.	12.26 %
TOTAL SQ. M.	346.39 S.M.	42.48 S.M.	12.26 %

UNINSULATED OPENINGS (PER OBC. SB-12,2.1.1.(7)			
42-6 ELEVATION C WOB	ENERGY EFFICIENCY - OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	702.50 S.F.	113.01 S.F.	16.09 %
LEFT SIDE	1175.51 S.F.	79.00 S.F.	6.72 %
RIGHT SIDE	1175.51 S.F.	111.56 S.F.	9.49 %
REAR	908.44 S.F.	188.06 S.F.	20.70 %
TOTAL SQ. FT.	3961.96 S.F.	491.63 S.F.	12.41 %
TOTAL SQ. M.	368.08 S.M.	45.67 S.M.	12.41 %

UNINSULATED OPENINGS (PER OBC. SB-12,2.1.1.(7)			
42-6 ELEVATION C WOD	ENERGY EFFICIENCY - OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	702.50 S.F.	113.01 S.F.	16.09 %
LEFT SIDE	1175.51 S.F.	79.00 S.F.	6.72 %
RIGHT SIDE	1175.51 S.F.	111.56 S.F.	9.49 %
REAR	810.00 S.F.	178.17 S.F.	22.00 %
TOTAL SQ. FT.	3863.52 S.F.	481.74 S.F.	12.47 %
TOTAL SQ. M.	358.93 S.M.	44.75 S.M.	12.47 %



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.

9	•		
8			
7			
6	•		
5	•		
4			
3	REVISED AS PER ENG'S COMMENTS	APR 30-15	RC
2	ADDED UPGRADED REAR ELEVATIONS.	SEP. 30/14	GW
1	ISSUED FOR CLIENT REVIEW.	SEPT.15/14	DB
no	description	date	hv

The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontorio Building Code to be a Designer.

qualification information
Wellington Jno-Baptiste WBofresTE 25591 registration information VA3 Design Inc.

42658 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.

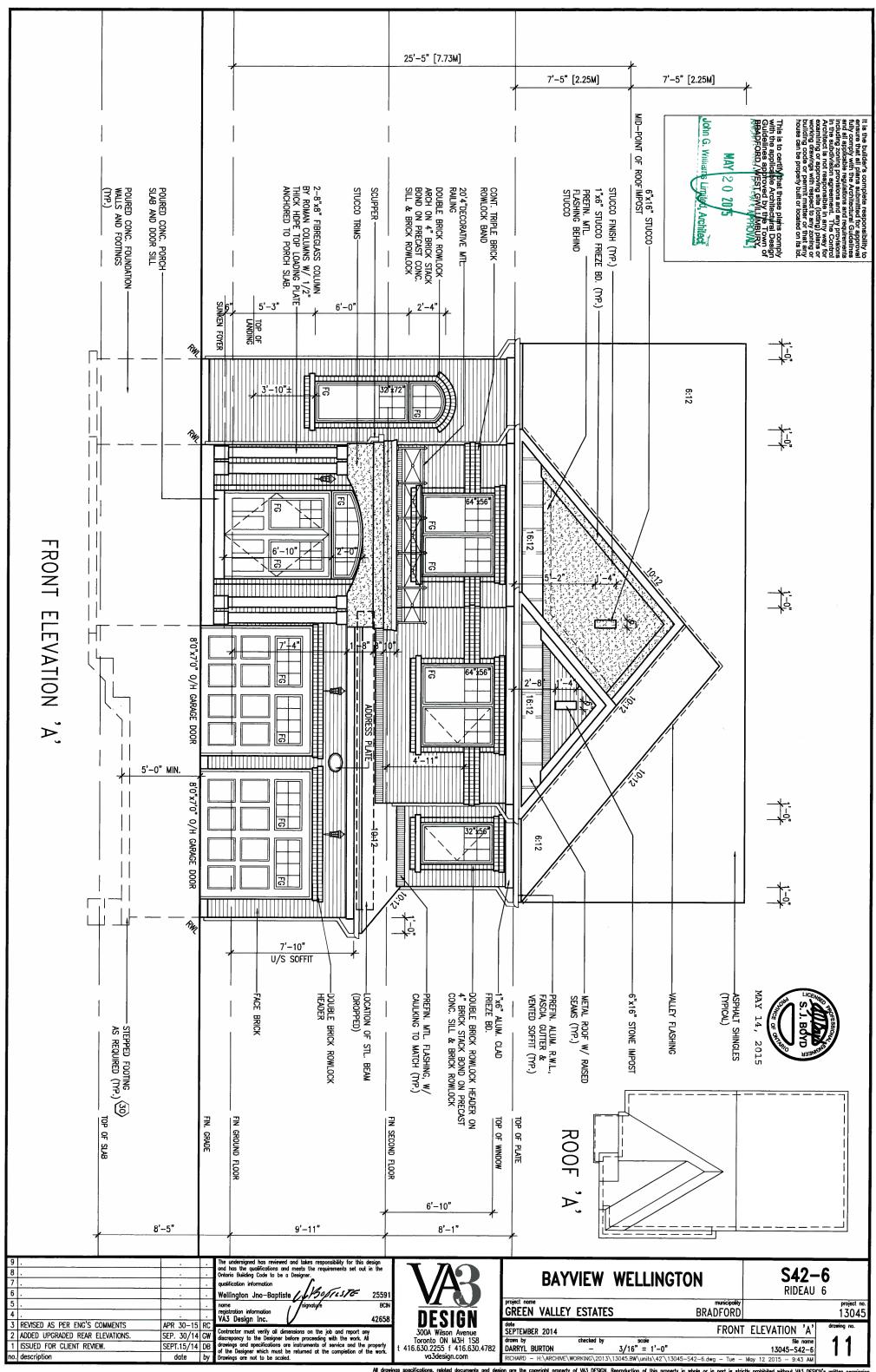


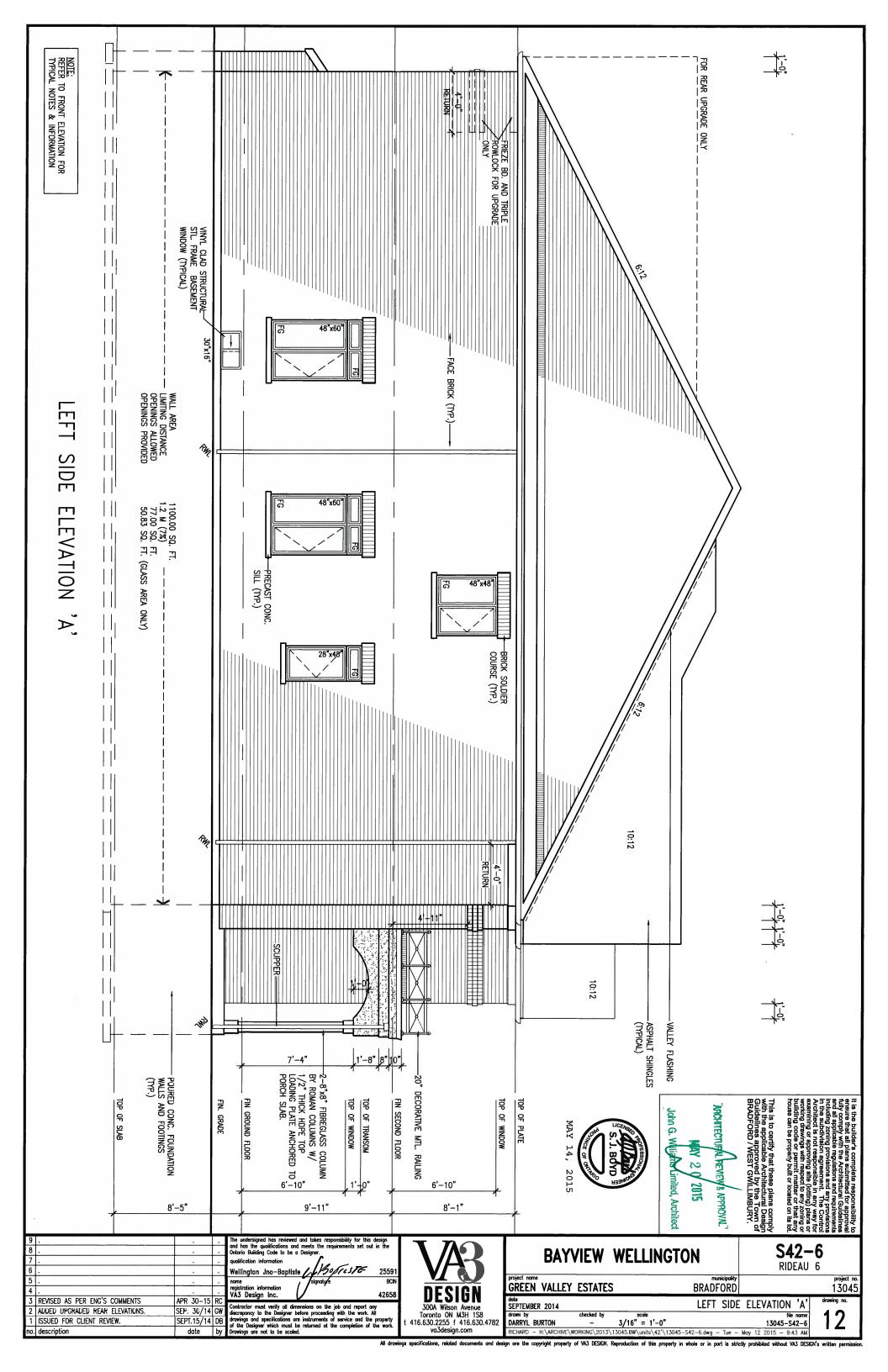
BAYVIEW WELLINGTON

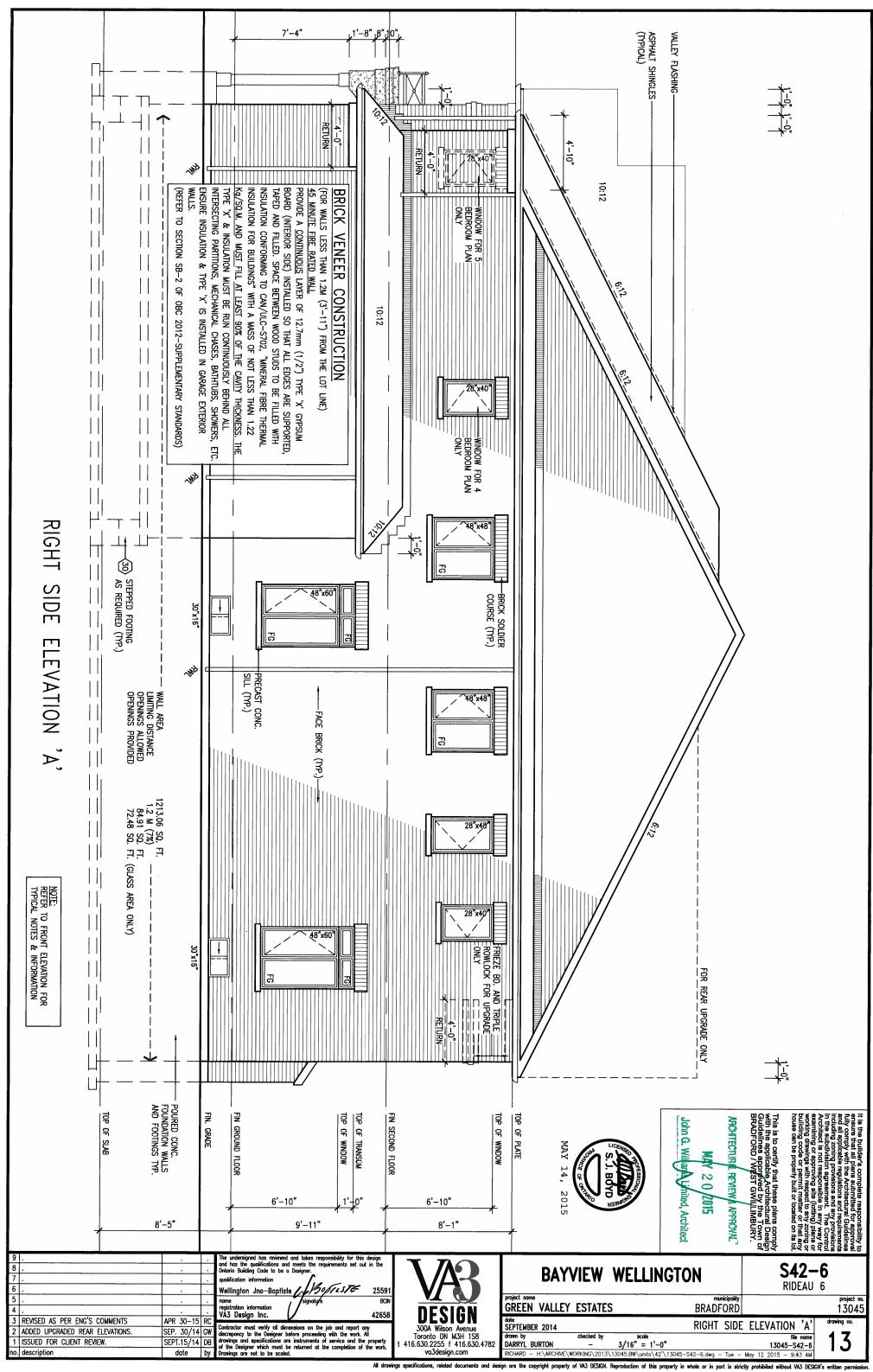
S42-6 RIDEAU 6

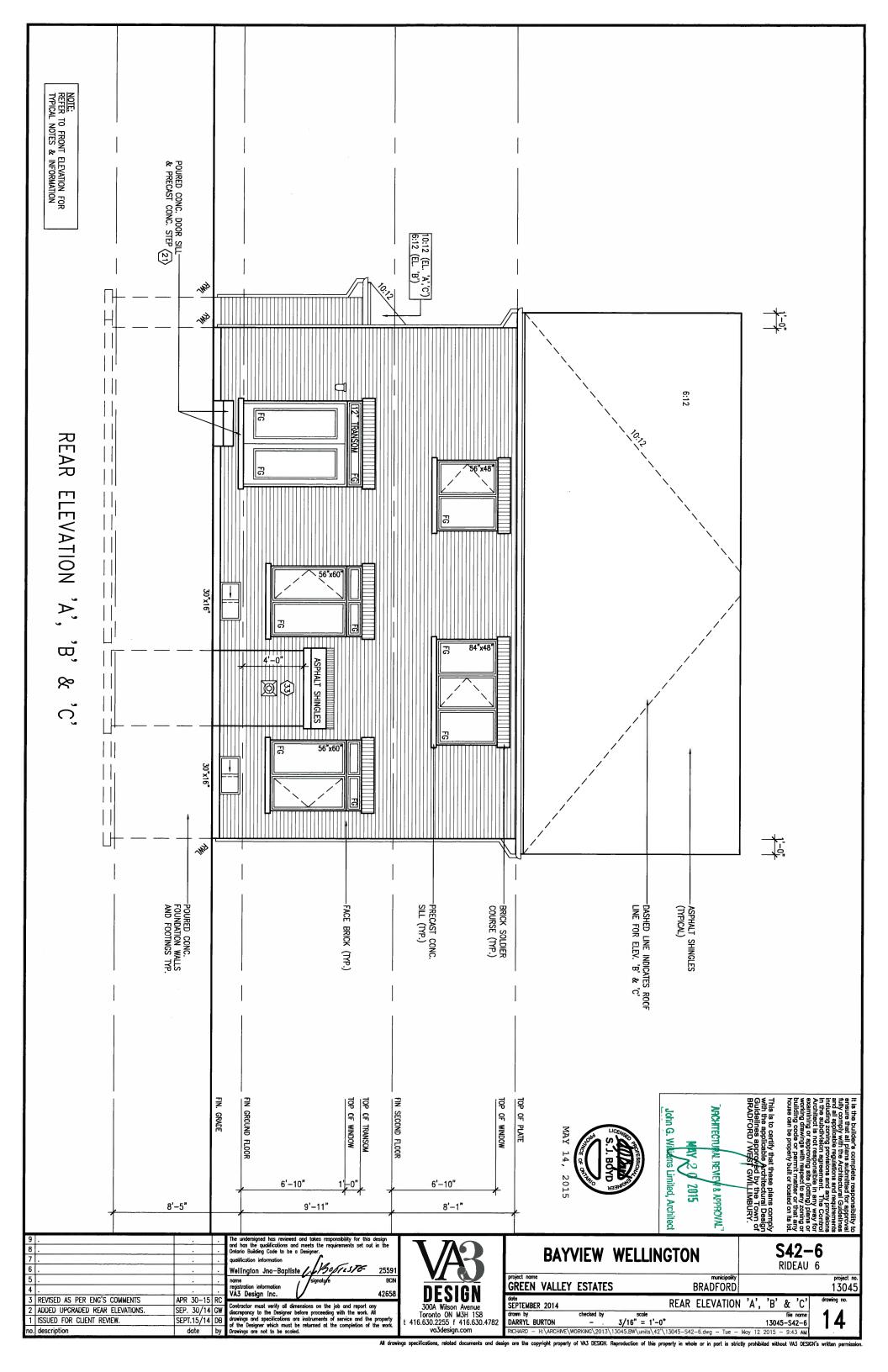
project name
GREEN VALLEY ESTATES BRADFORD

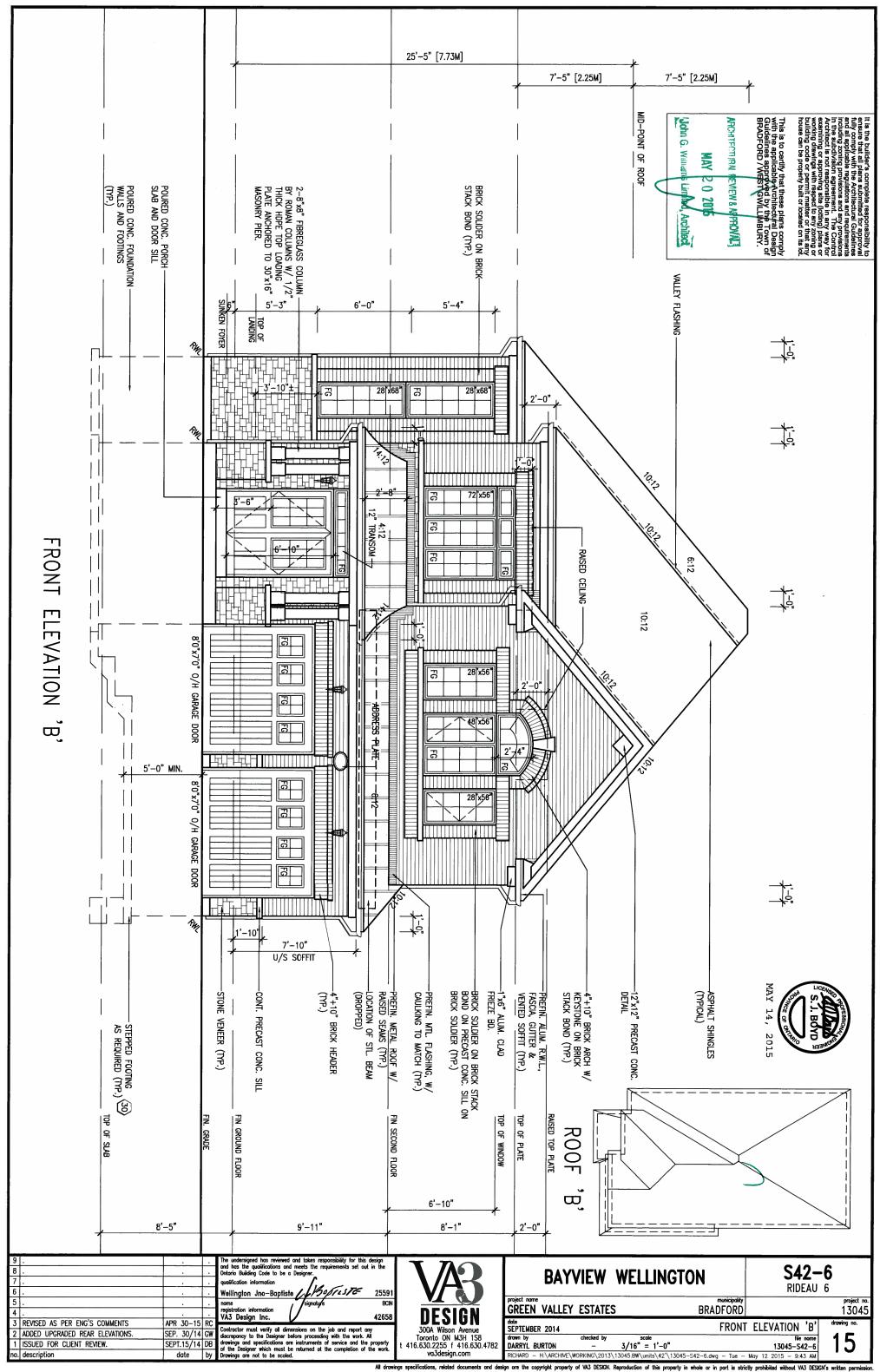
date SEPTEMBER 2014 SB-12 CHARTS 3/16" = 1'-0" file name 13045-S42-6 drawn by DARRYL BURTON

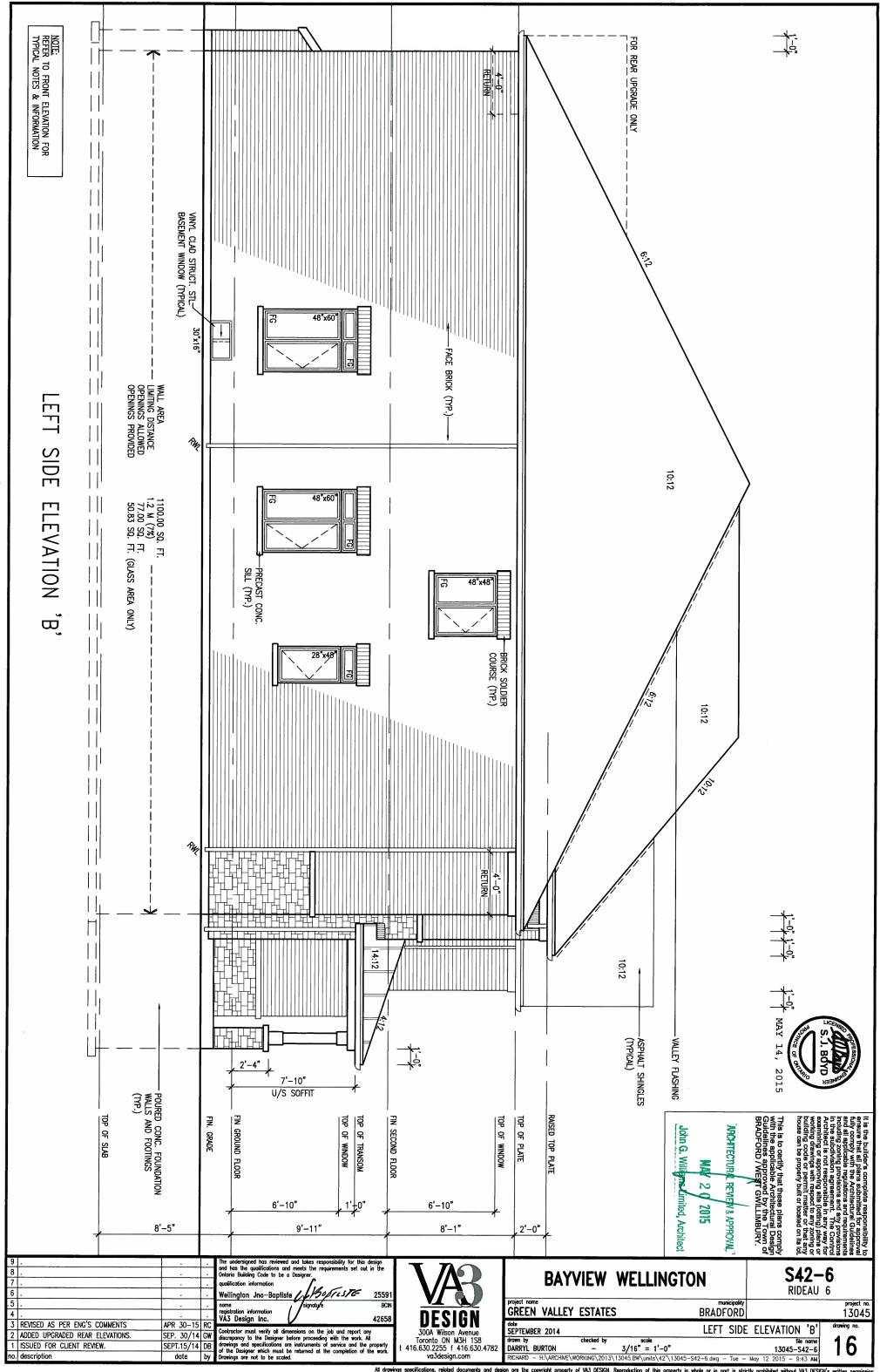


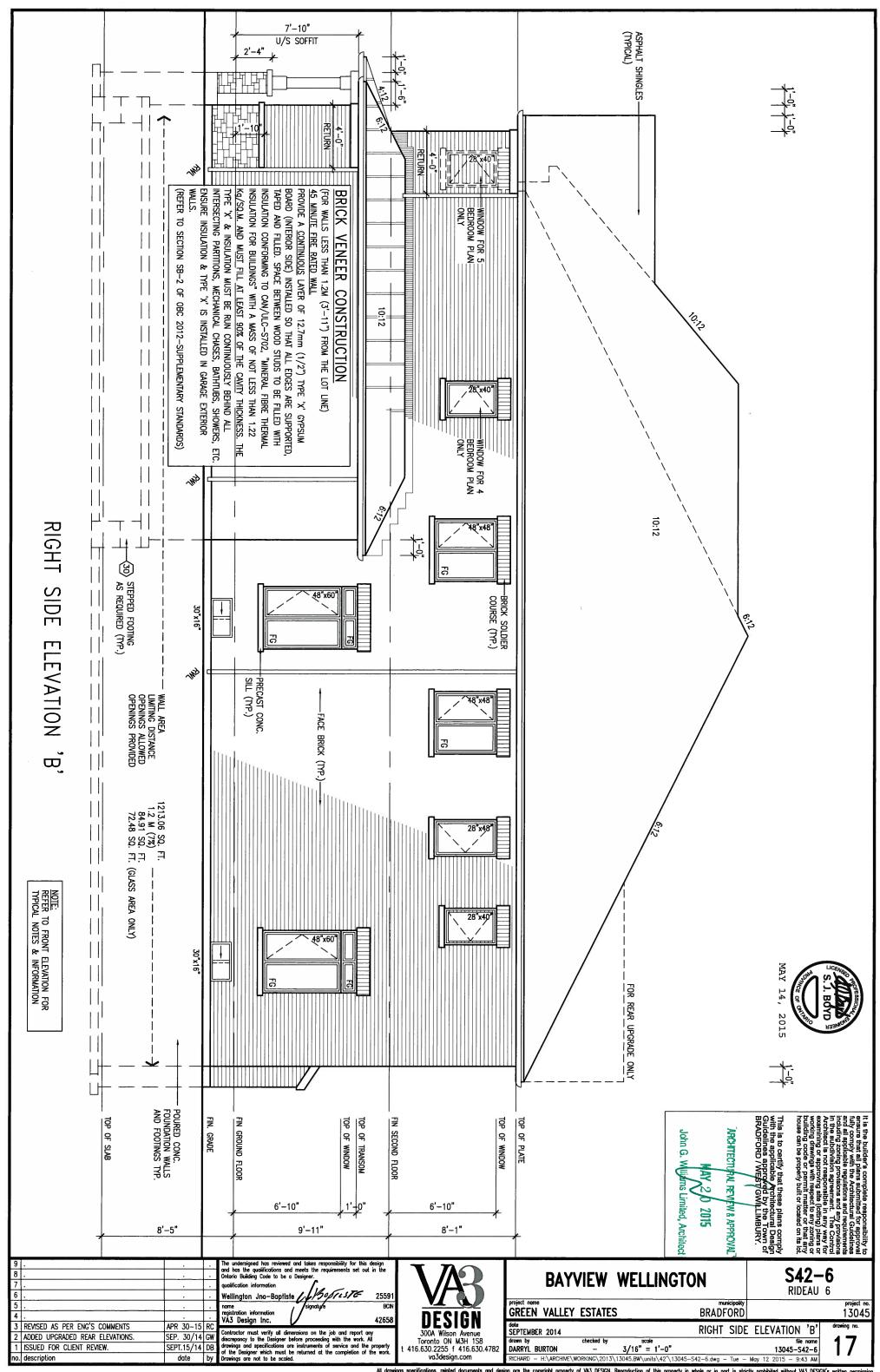


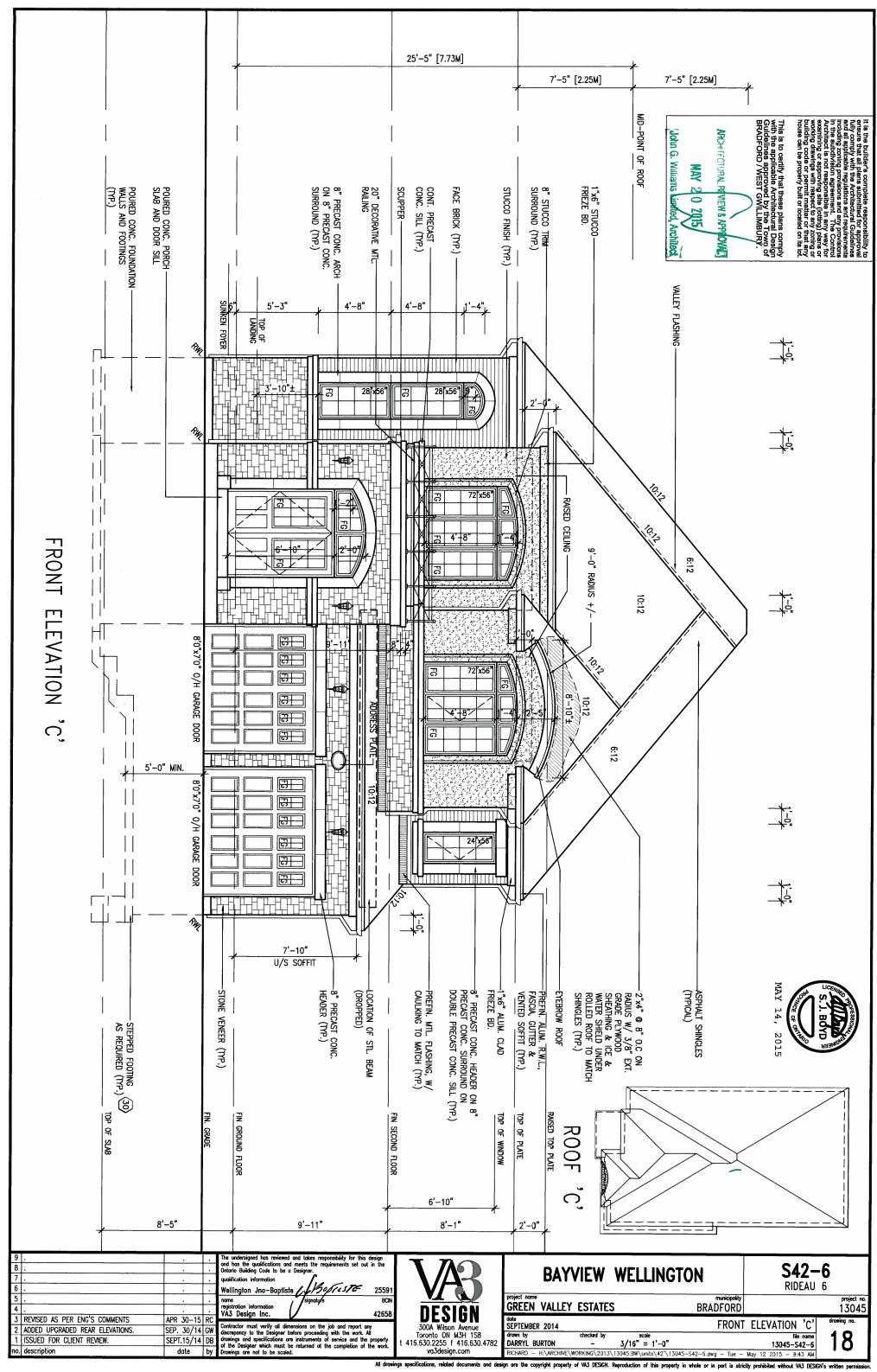


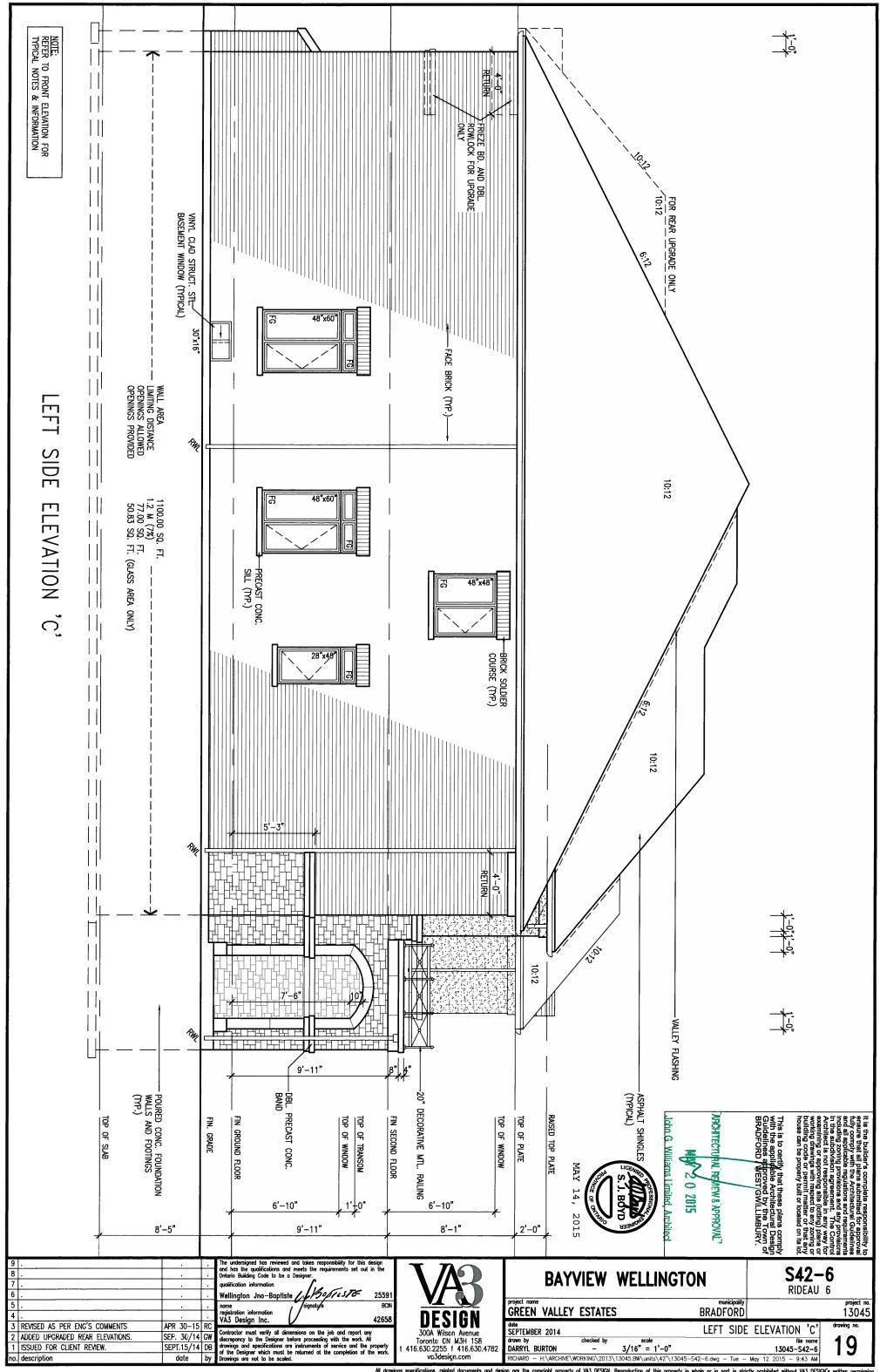


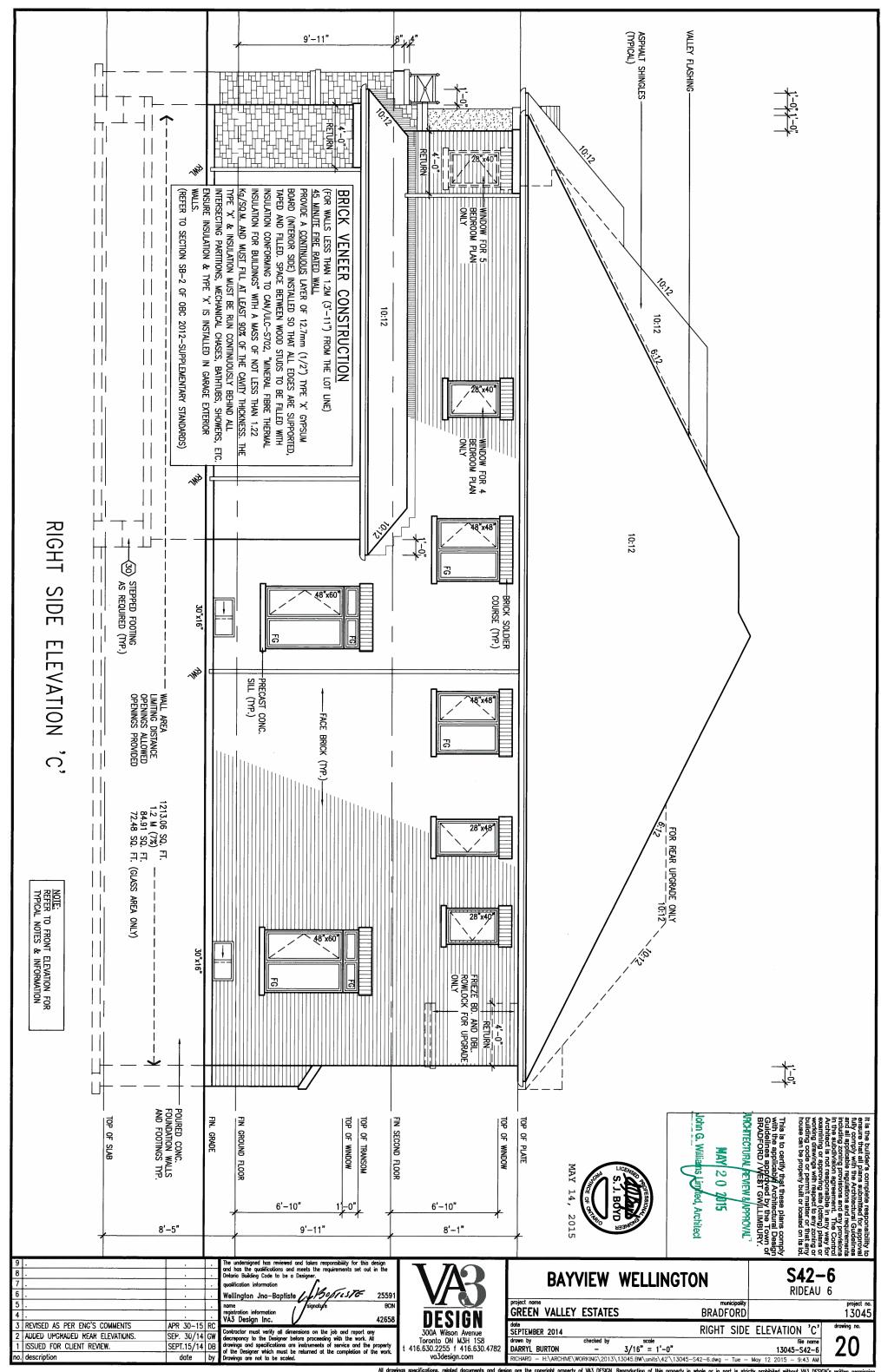


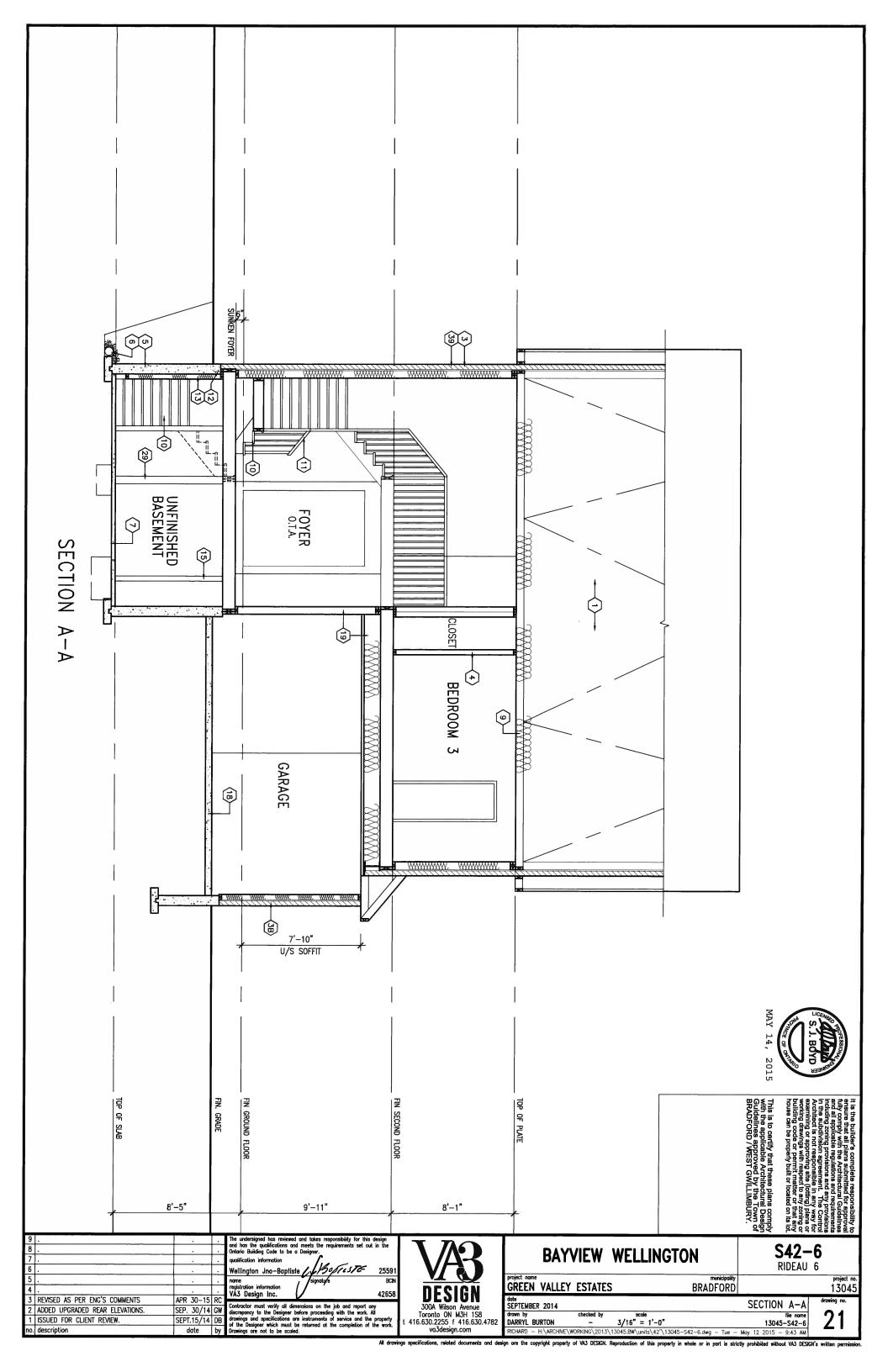


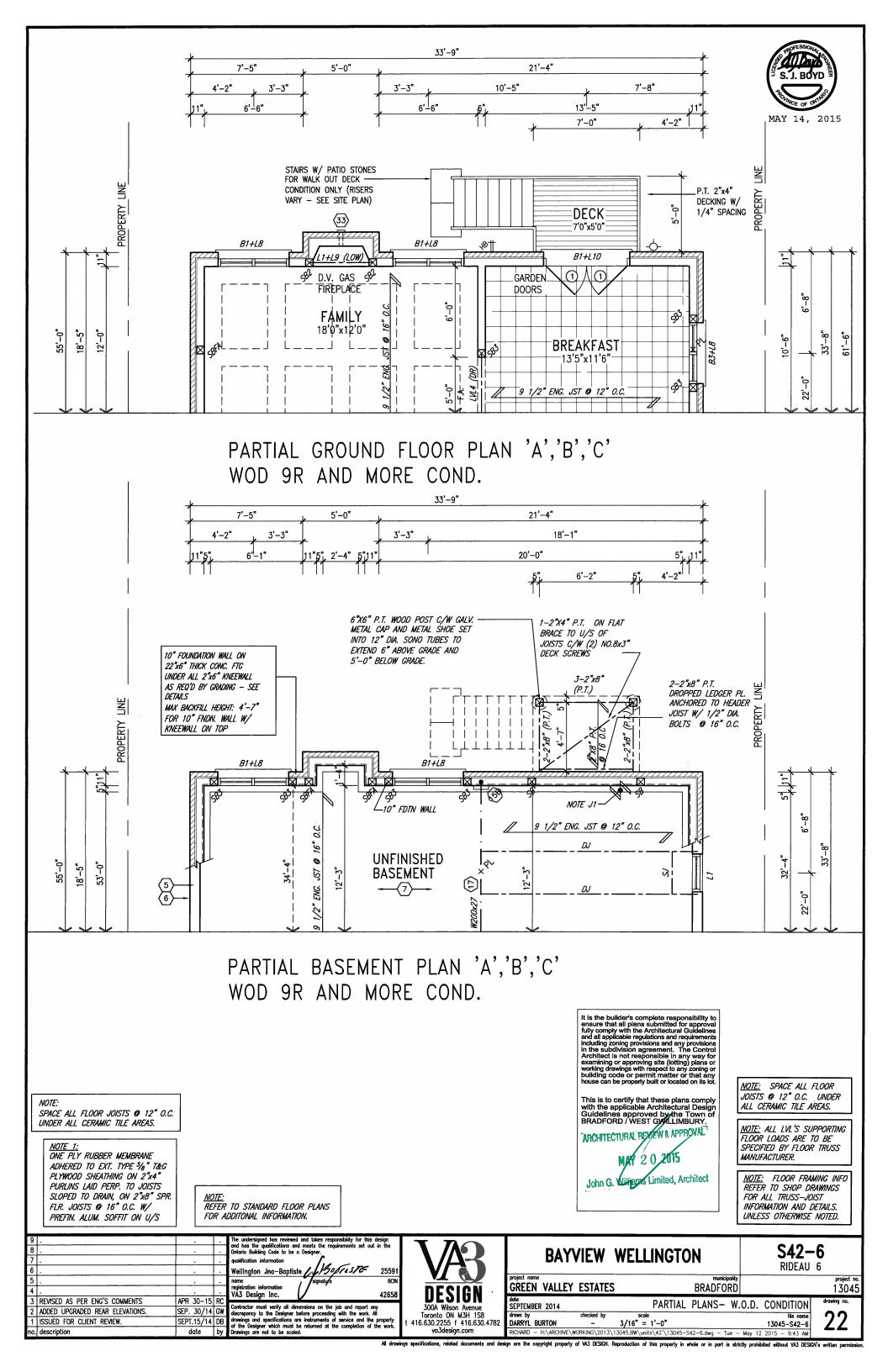


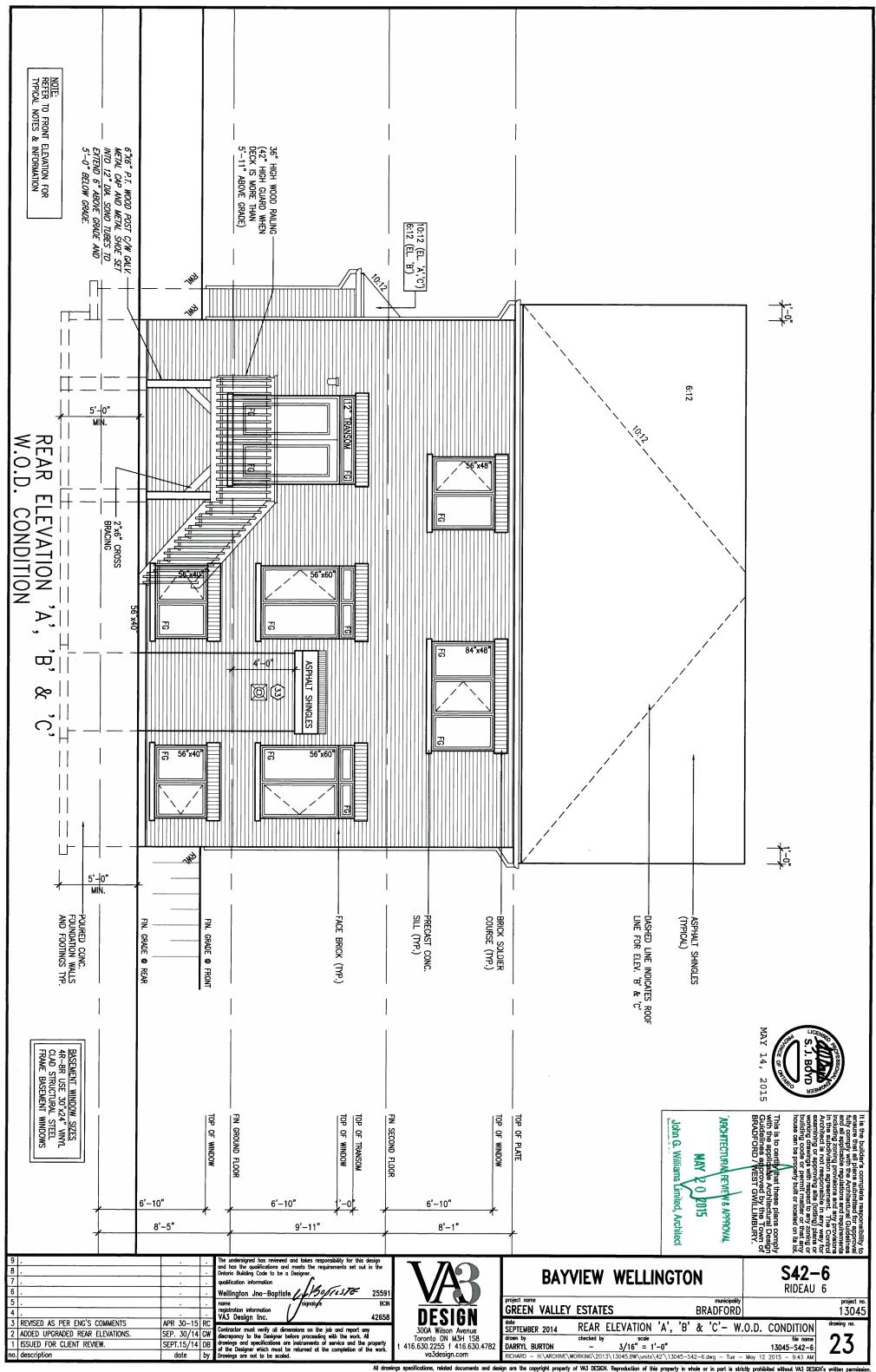


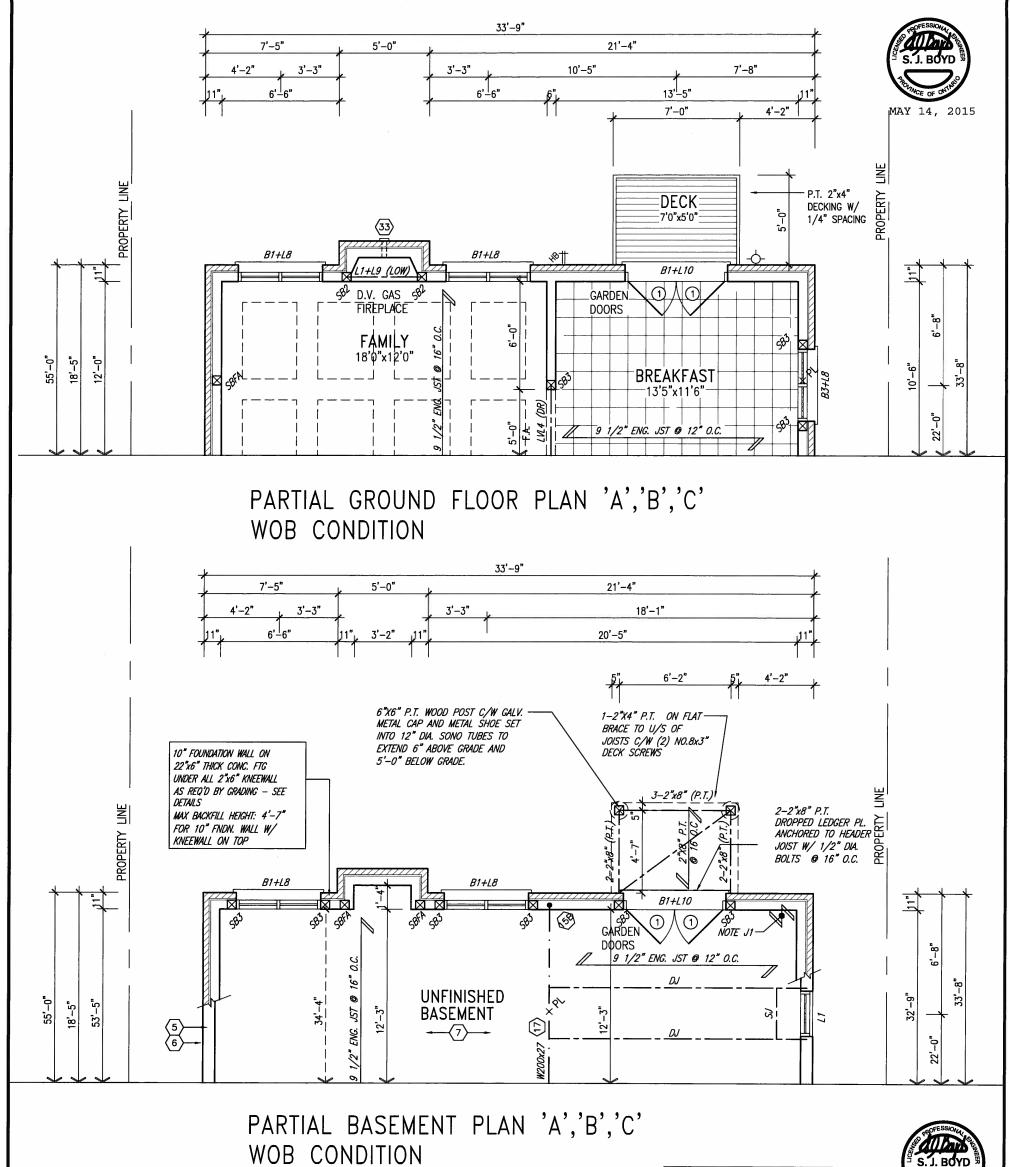












It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Gudelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible 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.

ARCHITECTURAL REVIEW & APPROVAL! 20 2945

John G. Williams Limited, Architect

3/16" = 1'-0"

MAY 14, 2015

JOISTS @ 12" O.C. UNDER ALL CERAMIC TILE AREAS.

NOTE: SPACE ALL FLOOR

NOTE: ALL LVL'S SUPPORTING FLOOR LOADS ARE TO BE SPECIFIED BY FLOOR TRUSS MANUFACTURER.

NOTE: FLOOR FRAMING INFO REFER TO SHOP DRAWINGS FOR ALL TRUSS—JOIST INFORMATION AND DETAILS. UNLESS OTHERWISE NOTED.

	PREFIN. ALUM. SOFFIT ON U/S	FOI	R AL	DDITONAL INFORMATION.
9	•			The undersigned has reviewed and takes responsibility for this design
8	•			and has the qualifications and meets the requirements set out in the Ontonio Building Code to be a Designer.
7	•			qualification information
6	•			Wellington Jno-Baptiste 180/125/6 25591
5	•			nome , signature BCIN
4				registration information VA3 Design Inc. 42658
3	REVISED AS PER ENG'S COMMENTS	APR 30-15	RC	
2	ADDED UPGRADED REAR ELEVATIONS.	SEP. 30/14	GW	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All
1	ISSUED FOR CLIENT REVIEW.	SEPT.15/14	DB	
no.	description	date	by	Drawings are not to be scaled.

REFER TO STANDARD FLOOR PLANS

NOTE:

SPACE ALL FLOOR JOISTS @ 12" O.C. UNDER ALL CERAMIC TILE AREAS.

ONE PLY RUBBER MEMBRANE

ADHERED TO EXT. TYPE %" T&G

PLYWOOD SHEATHING ON 2"x4"

PURLINS LAID PERP. TO JOISTS

FLR. JOISTS @ 16" O.C. W/

SLOPED TO DRAIN, ON 2"x8" SPR.



BAYVIEW WELLINGTON

S42 - 6RIDEAU 6

13045-S42-6

BRADFORD PARTIAL PLANS- W.O.B. CONDITION

13045

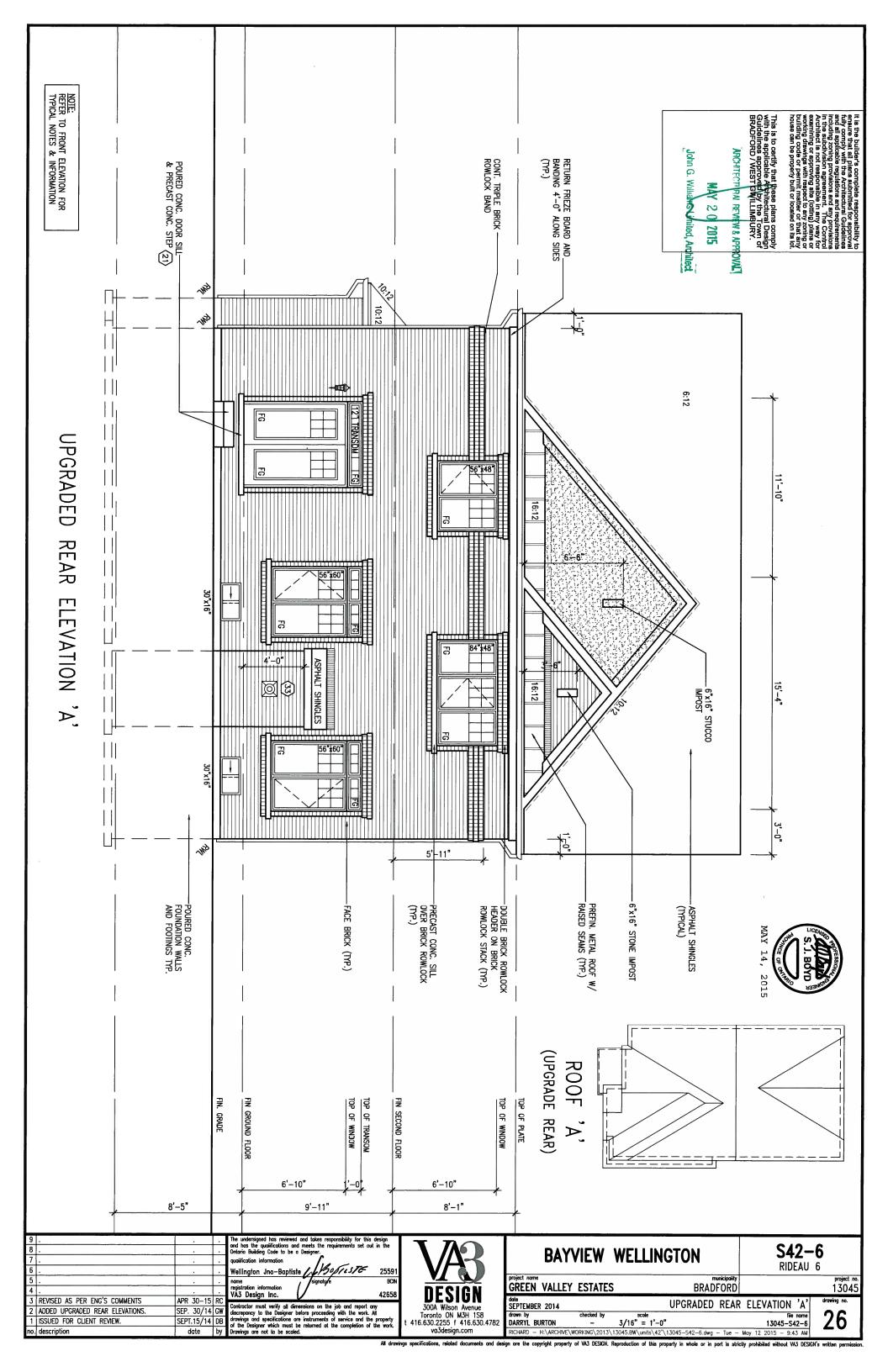
GREEN VALLEY ESTATES

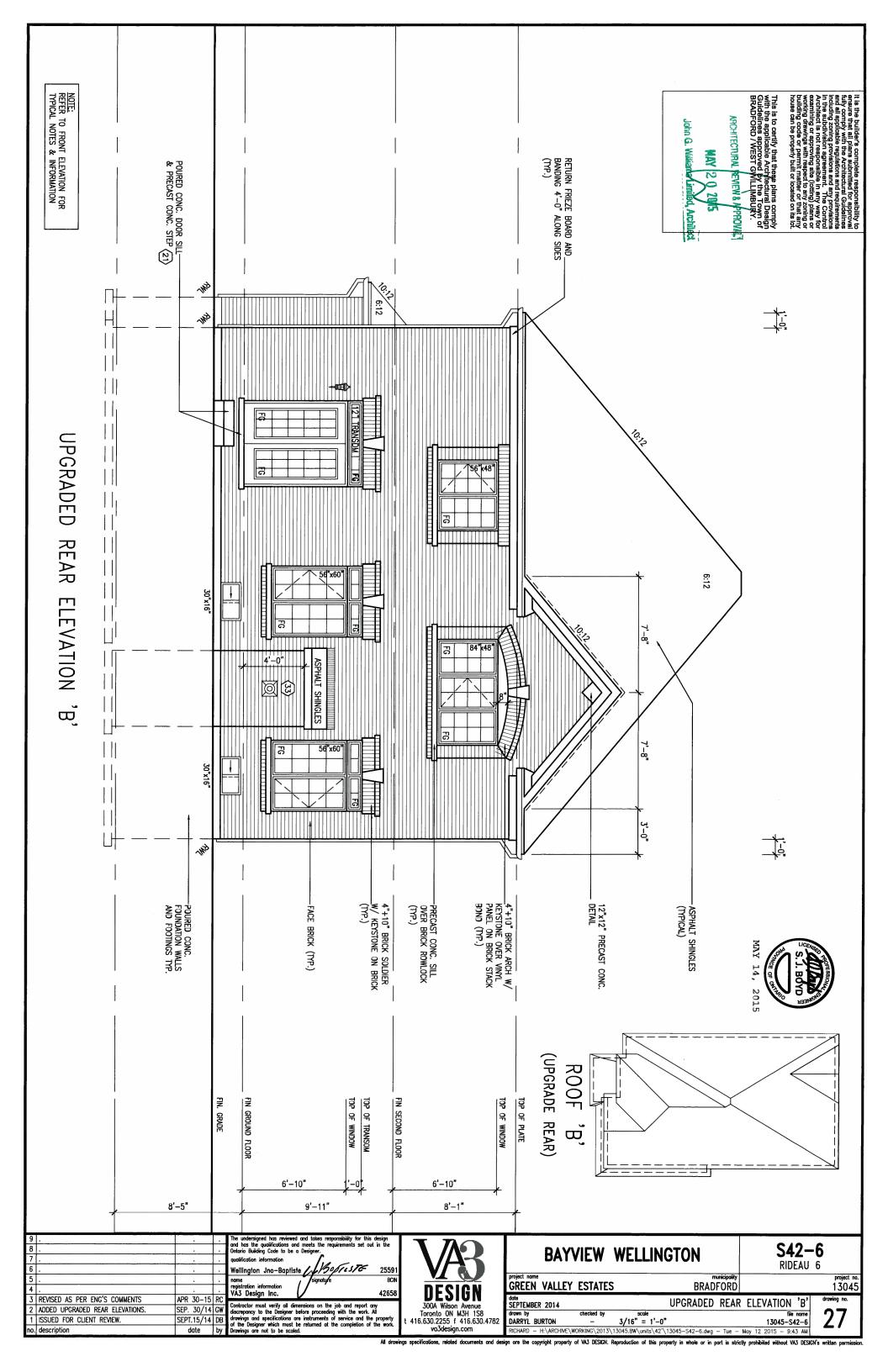
SEPTEMBER 2014

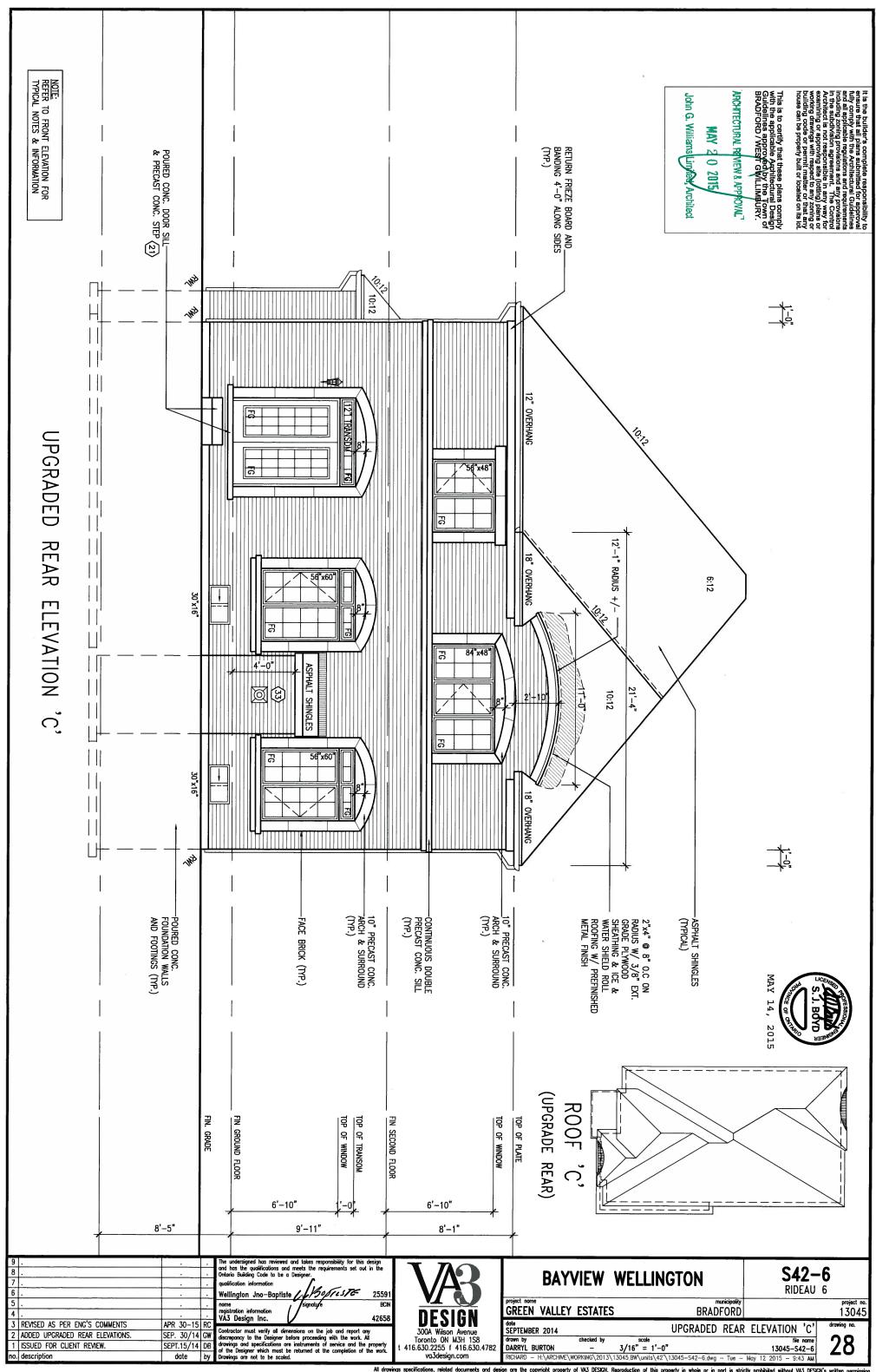
DARRYL BURTON

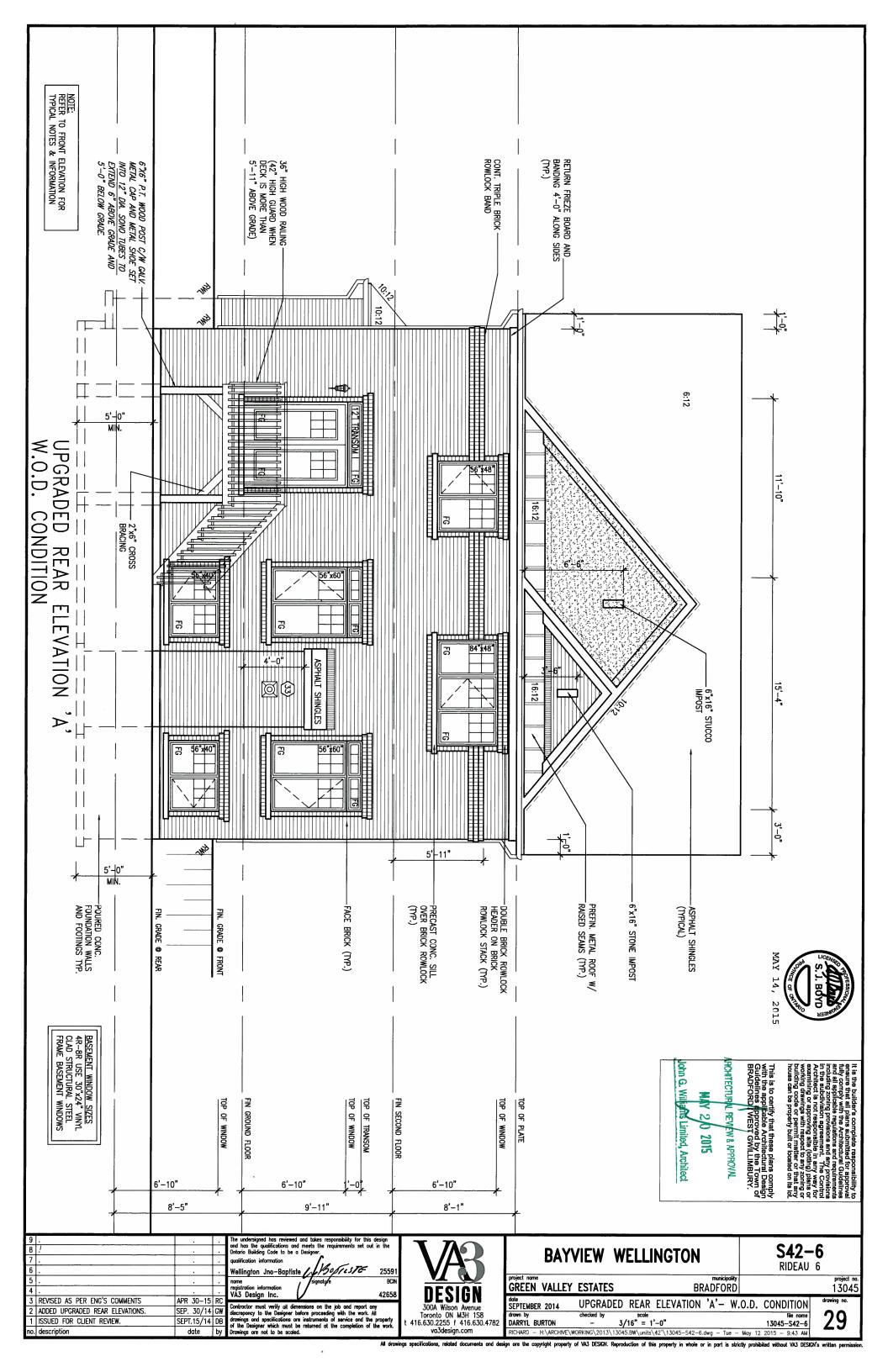
\ARCHIVE\WORKING\2013\13045 BW\units\42'\13045-S42-6.dwg All drawings specifications, related documents and design are the copyright property of WA3 DESIGN. Reproduction of this property in whole or in part is strictly prohibited without VA3 DESIGN's written permit

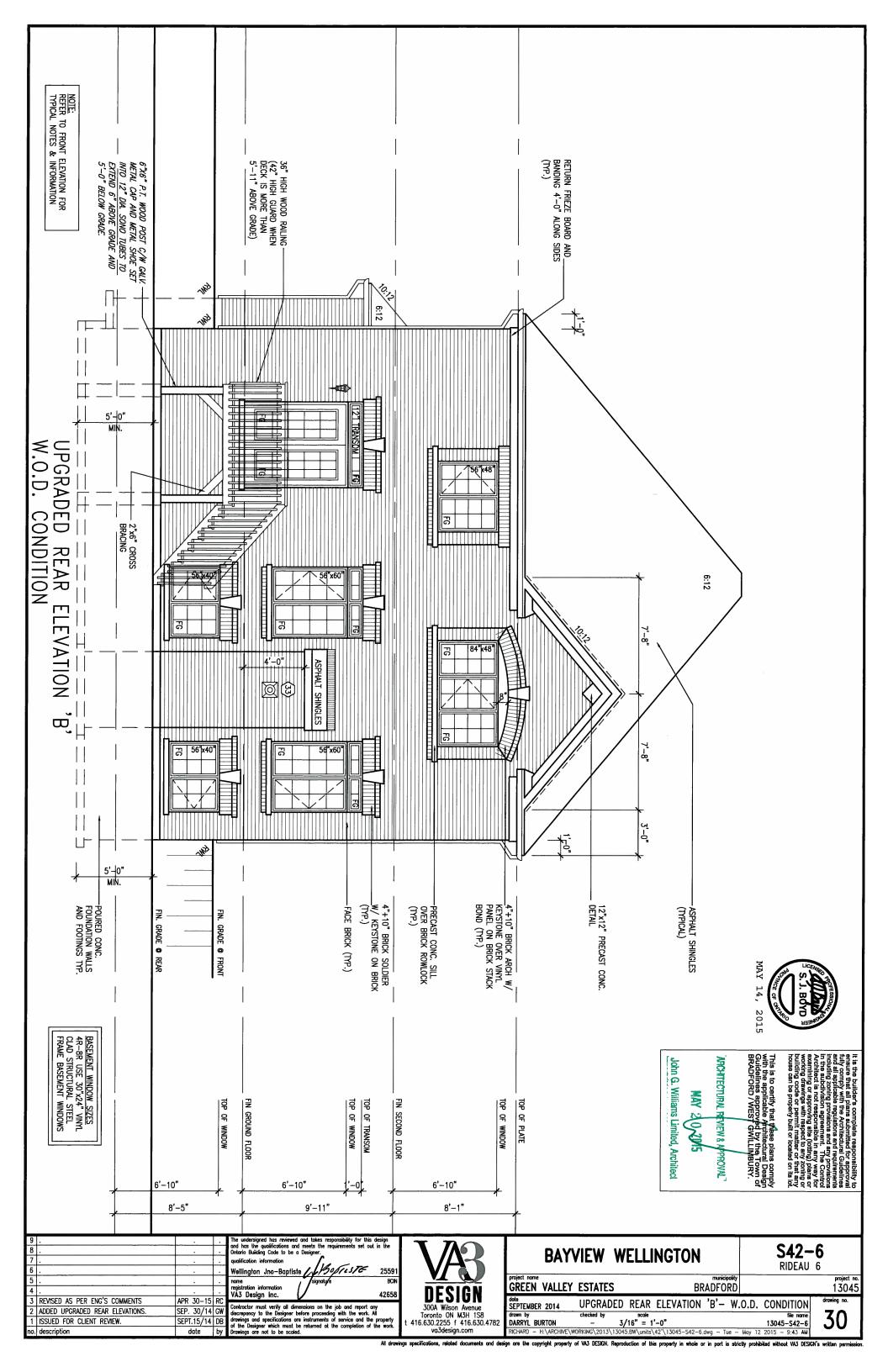


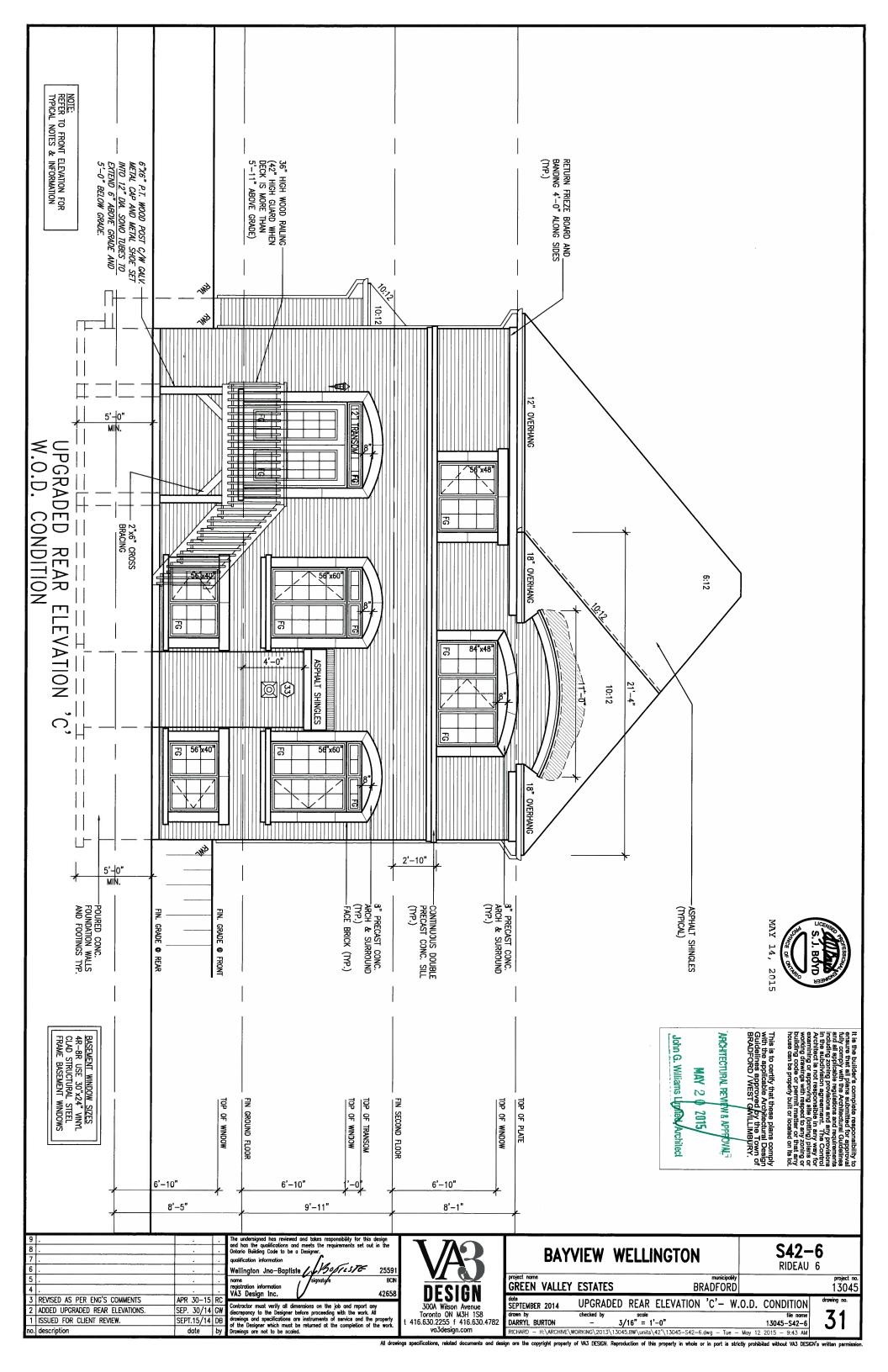


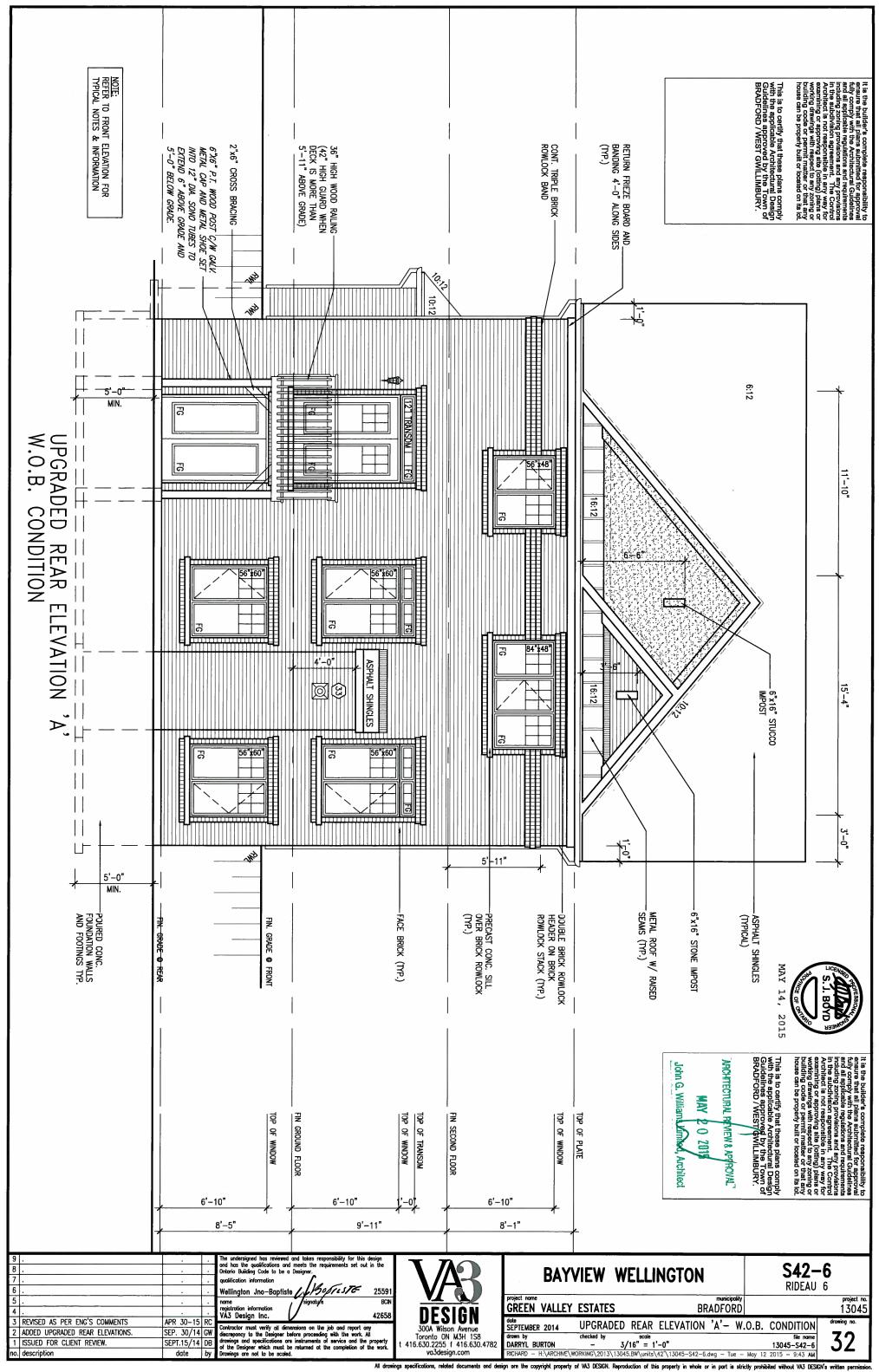


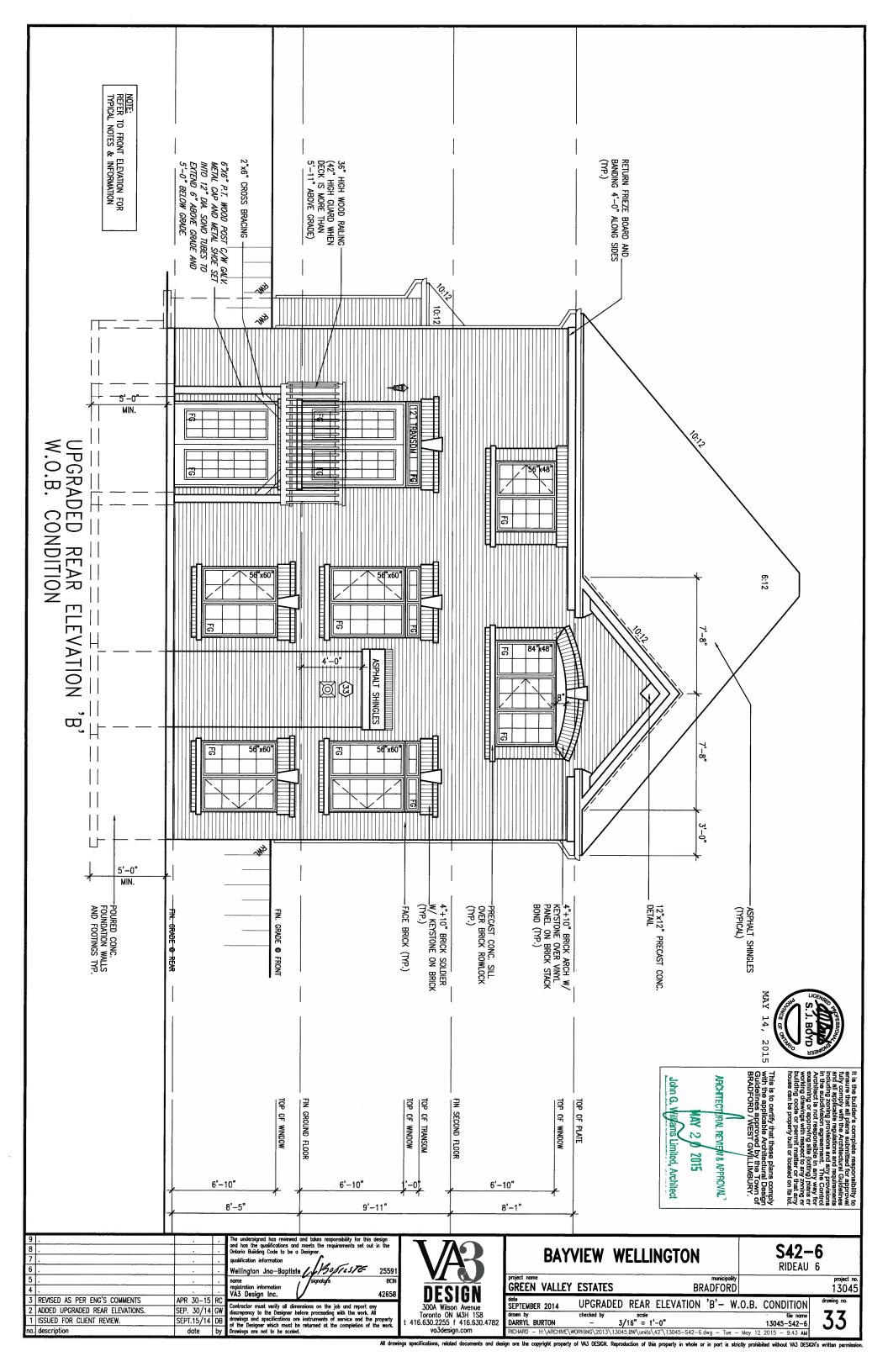


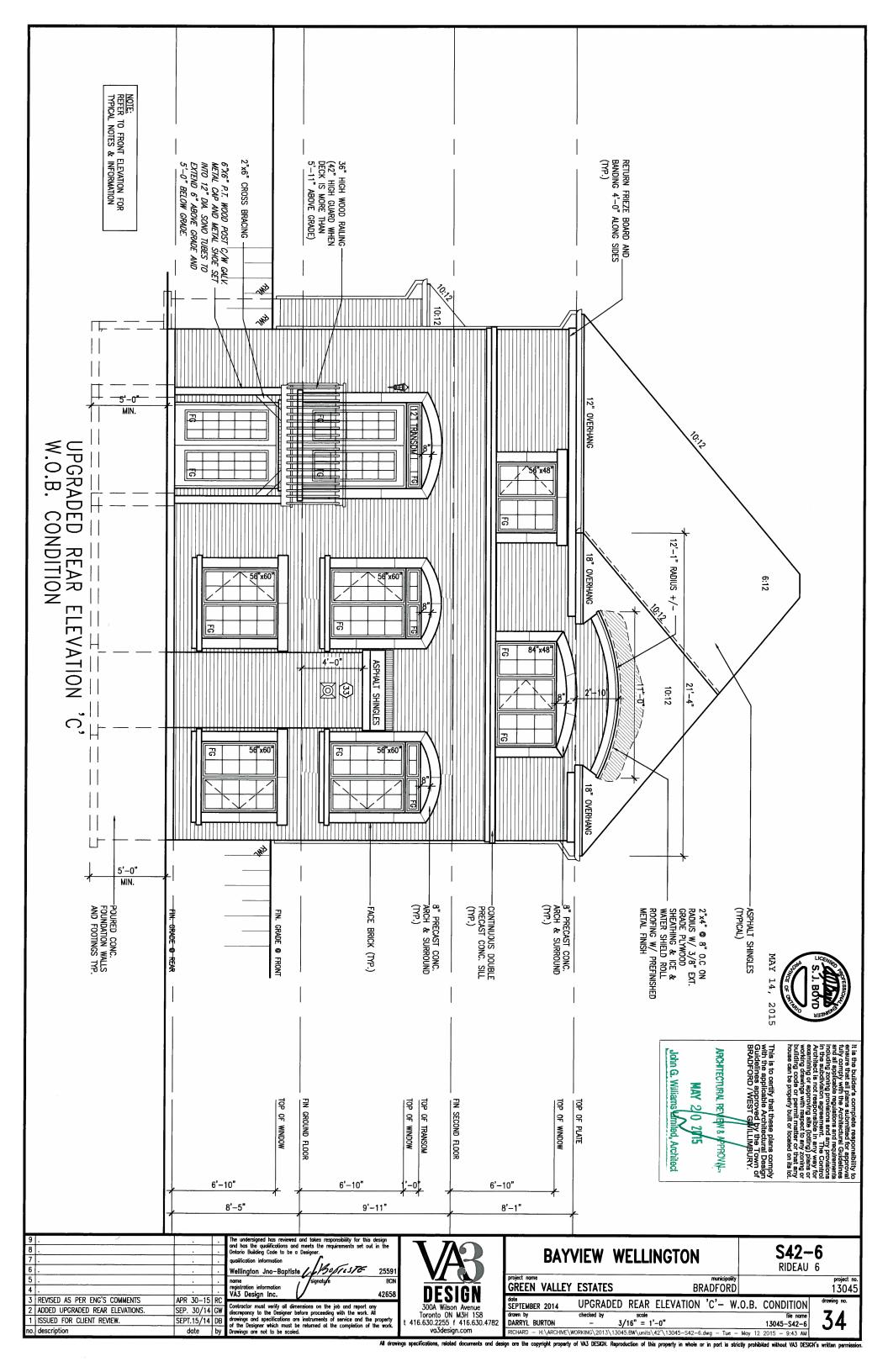












CONSTRUCTION NOTES (Unless otherwise noted) ALL CONSTRUCTION TO ADHERE TO THESE PLANS AND SPEC'S AND TO CONFORM TO THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE CODES AND AUTHORITIES HAVING
JURISDICTION. THESE REQUIREMENTS ARE TO BE TAKEN AS MINIMUM SPECIFICATIONS. ONT. REG. 332/12-2012 OBC NO.210 (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*0") O.C. AT BOTTOM CHORD, PREFIN, ALUM, EAVESTROUGH, FASCIA, RWL & VENTED SOFFIT, PROVIDE ICE & WATER SHIELD TO ALL ROOF/WALL SURFACES SUSCEPTIBLE TO ICE DAMMING. ROOF SHEATHING TO BE FASTENED 150 (6") c/c ALONG EDGES & INTERNEDIATE 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 2.1.1.2A) SIDING AS PER ELEV., 19x38 (1"x2") VERTICAL WOOD FURRING, SIDING AS PER ELEY, 19336 (1 32) VERILCAL WOOD FURRING, CONTIN, SHEATHING MEMBRANE, 9.5mm (3/8") EXT. TYPE SHEATHING, 38x140 (2'X6") STUDS © 400mm (1/6") 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) FRAME WALL CONSTRUCTION (2-86-) (K20)
SIDING AS PER ELEV., 19x38 (1"x2") VERTICAL WOOD FURRING,
CONTIN. SHEATHING MEMBRANE, 29mm (1½") EXTERIOR STRUCTURAL
INSULATED SHEATHING RSI 0.7 (R4) BY "BP" OR EQUAL, 38x140 (2"x6")
STUDS @ 400mm (16") O.C., RSI 4.23 (R24) INSUL AND APPR. VAPOUR

(13) BARRIER AND APPR. CONTIN. AIR BARRIER, 13mm (1/2") INT.

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

(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.

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") MINI. 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 (22x6") STUDS @ 400mm (1/6") 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 APPUED. REFER TO OBC SB-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
(78"X7"x0.3") GALV. METAL ITES @ 400mm (16") O.C. HORIZONTAL
600mm (24") O.C. VERTICAL. APPROVED SHEATHING PAPER, 9.5mm 800/mm (24") O.C. VERIEAL. APPROVED SHEATHING FAPER, Y.-SMM
(3/8") EXT. TYPE SHEATHING, 38X140 (72%") STUDS @ 400/mm (16")
O.C., INSULATION & APPR. VAPOUR BARRIER WITH APPR. CONTIN.
AIR BARRIER. 13mm (1/2") INTERIOR DRYWALL FINISH. PROVIDE WEEP
HOLES @ 800/mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS.
PROVIDE BASE FLASHING UP MIN. 150/mm (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"x">x0.03") GALV, METAL TIES @ 400mm (16") O. C. HORIZONTAL
600mm (24") O.C. VERTICAL APPR, SHEATHING PAPER, 28mm (1½")
EXT. STRUCT, INSULATED SHEATHING RSI O.7 (R4) BY "BP" OR EQUIAL SAL140 (2'x6") STUDS © 400mm (16") O.C., RS1 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, 22xl 80x0.76mm
(7/8"x/"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.

SRICK TO BE MIN. 150mm (6") ABOVE HINISH GRADE.

STUCCO WALL CONSTRUCTION (2"x6")

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., 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. MINIMUM THERMAL INSULATION STUCCO TO BE MIN. 200 (8") ABOVE FINISH 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") @ 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

FOUNDATION WALL/FOOTINGS: (9.15.3. 9.15.4. 9.13.2. 9.14.2.1.(2))
200mm (8") POURED CONC. FOTN. WALL ISMPG (2200psi) WITH
BITUMENOUS DAMPPROOFING AND DRAINAGE LAYER, DRAINAGE
LAYER REG'D. WHEN BASEMENT INSUL EXTENDS 900 [2"-11"] BELOW
FIN. GRADE. DRAINAGE LAYER IS NOT REG'D. WHEN FOTN. WALL IS WATERPROOFED. MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500x155 (20%4") 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

-SEE OBC 9.15.3 -SEE OBG 9.136.3.
-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 SUPPORTED FLOOR JOISTS IS 4.9m (16'-1"), THE STRIP FOOTING SIZE IS

545x175 (22"x7") 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 (3600ps) CONC. SLAB ON 100mm (4")

COARSE GRANULAR FILL, OR 20MPa. (3000ps) CONC. WITH

DAMPPROOFING BELOW SLAB. UNDER SLAB INSULATION PER S8-12.

ALL SLAB JOINTS & PENETRATIONS TO BE CAULKED.

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

2 UPDATE TO CODE

no. description

1 ISSUE FOR CLIENT REVIEW

ATTIC INSULATION (SB-12-TABLE 2.1.1.2A) (SB-12-2.1.1.7)
RSI 8.81 (R50) BLOWN IN ROOF INSULATION AND APPROVED VAPOUR
BARRIER, 16mm (S/8") INT. DRYWALL HINSH OR APPROVED EQUAL, RSI
3.52 (R20) MIN. ABOVE INNER SURFACE OF EXTERIOR WALL

APR 16-15 RC

MAY 07-14 RC

by

date

10) ALL STAIRS/EXTERIOR STAIRS -OBC. 9.8.-UNIFORM RISE -Smm (1/4") MAX BETWEEN ADJACENT TREADS OR LANDINGS -10mm (1/2") MAX BETWEEN TALLEST & SHORTEST RISE IN FLIGHT

MAX. RISE = 200 (7-7/8") = 210 (8-1/4") MIN. RUN MIN. TREAD = 235 (9-1/4") MAX. NOSING MIN. HEADROOM

MIN. AVG. RUN

= 25 (1") = 1950 (6'-5") = 900 (2'-11") = 865 (2'-10") to 965 (3'-2") RAIL @ LANDING RAIL @ STAIR

= 860 (2'-10") FOR CURVED STAIRS

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

= 200 (8")

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") SIL PLATE WITH 13mm (1/2") DIA. ANCHOR BOLTS
200mm (8") LONG, EMBEDDED MIN. 100mm (4") INTO CONC. @
2400mm (7'-10") C.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.

<u>BASEMENT INSULATION (SB-12-2.1.1.6)</u>, 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 DOC SB-12, TABLE 2.1.1.2.4. FOR REQUIRED MINIMUM THERMAL INSULATION, AIR BARRIER TO BE SEALED TO FDIN. WALL

BEARING STUD PARTITION

38x89 (2"x4") STUDS @ 400mm (16") O.C. 38x89 (2"x4") SILL PLATE ON DAMPPROOPING 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 (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 71,2kN (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 A PRESSURE OF 150 Kpa. 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 Kpd. MIN, AND AS PER SOILS REPORT.

90mm(3-1/2") DIA x 4.78mm(.188) NON-ADJUSTABLE STL, COL, TO BF ON 150x150x9.5 (6"x6"x3/8") STEEL TOP PLATE, & BOTTOM PLATE. BE ON 130X130X9-3 (a xx 3x/6) 3 15EE. LOF FLAIE, & BOTTOM FLAIE. 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")

17x34 (1"x3") CONTINUOUS WOOD STRAPPING BOTH SIDES OF STEEL BEAM.

GARAGE SLAB 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 FRONT.

GARAGE CEILINGS/INTERIOR WALLS
13mm (1/27) 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 250n (9-1/2"). SEE OBC. 9.8.9.2., 9.8.9.3. 8. 9.8.10.

DRYER EXHAUST (08C-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 (0BC-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 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 26. 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

28. RESERVED BEARING WOOD POST (BASEMENT) (OBC 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.

STEPPED FOOTINGS OBC 9.15.3.9. 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. 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 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

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 SUBFLOOR. JOIST STRAPPING AND BRIDGING
16mm (5/8") T & G SUBFLOOR ON WOOD FLOOR JOISTS. FOR

TOTAL 1376 | 1 & SUBFLICATION (* 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 19x64 (1"x3") @ 2100mm (6'-11")

25591

O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED.

EXPOSED BUILDING FACE 0BC. 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 (SHÖRTEST 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, 400x400 (23 5/8")23 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 FDTN, WALLS, PROVIDE (L7) LINTEL OVER CELLAR DOOR WITH 100mm (4") END BEARING.

(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 MORTA CONVENTIONAL ROOF FRAMING (2.0Kpg. SNOW LOAD)

38x140 (2"x6") RAFTERS @ 400mm (16"O.C.) FOR MAX 11"-7" SPAN, 38x184 (2"x8") R#DGE BOARD. 38x89 (2"x4") COLLAR TIES AT MIDSPANS, CEILING JOISTS TO BE 38x89 (2"x4") @ 400mm (16") O.C. FOR MAX. 2830mm (9'-3") SPAN & 38x140 (2'x4") @ 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. 9.9.10.1.AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR HAVE MIN. 0.35m2 UNOBSTRUCTED GLAZED OR OPENABLE AREA WITH MIN. CLEAR WIDTH OF 380 mm (1'-3").

2) WINDOW GLARDS —OBC. 9.8.8.1.(6).
A GUARD IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS OCATED LESS THAN 4800MM (1-7) ABOVE RIN, FLOOR AND THE DISTANCE FROM THE FIN. FLOOR TO THE ADJACENT GRADE IS

3) EXTERIOR WINDOWS
SHALL COMPLY WITH OBC DIV.-B 9.7.3. & SB12-2.1.1.8

MECHANICAL VENTILATION IS REQUIRED TO COMPLY WITH OBC-DIV. B, 6.2.2. SEE MECHANICAL DRAWINGS. GENERAL: 1)

2) ALL DOWNSPOUTS TO DRAIN AWAY FROM THE BUILDING AS PER OBC 9.26.18.2. 8.5.6.2.(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 BATHROOM
REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ALIACENT OF 3 JUD WALLS SHALL BE INSTALLED ON A PLACENT TO WATER CLOSES 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.

ALL EXTEROR DOORS TO COMPLY WITH THERMAL RESISTANCE AS STATED IN O.B. S.8-12-2.1.1.9.

ALL AIR BARRIER SYSTEMS ARE REQUIRED TO COMPLY WITH O.B.C. DIV.-B 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 VENERE ILMBER (LV.1, BEAMS, GRODE TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTI ROOF FRANKING TO BE DESIGNED & CERTIFIED BY TRUSS MANUFACTURER.

5) LVL BEAMS SHALL BE 2.0E -2950Fb MIN., NAIL EACH PLY OF LVL LVI. BEAMS SHALL BE 2.0E -2950Fb MIN., NAIL EACH PLY OF LVI WITH BYTHM [3 1/27] LONG COMMON MYRE NAILS @ 300mm [72] O.C. STAGGERED IN 2 ROWS FOR 184, 240 & 300mm [7 1/47.9 1/27.1 17.87] DEFINS AND STAGGERED IN 3 ROWS FOR REALTER DEPTHS AND FOR 4 PLY MEMBERS ADD 13mm [1/27] DIA. GALVANIZED BOLTS BOLTED AT MID-DEPTH OF BEAM @ 915mm [3-07] O.C. PROVIDE FACE MOUNT BEAM HANGERS TYPE "SCL" MANUFACTURED BY SIMPSON STRONG-ITE OR EQUAL FOR ALL LVI. BEAM TO BEAM CONNECTIONS UNLESS OTHERWISE MOTED. 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 MEMBERS.
WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATIVE, IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONCRETE BY AT LEAST Z mill, POLYETHYLENE FILM, No. 50 (4Sibs.), ROUL ROOFING OR OTHER DAMPPROORING MATERIAL EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 150mm (6") AROUS THE CROUND. 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

ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE STUCCO: 1) 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

LEGEND **EXHAUST FAN** 0 CLASS 'B' VENT TO EXTERIOR GFI DUPLEX OUTLET (HEIGHT A.F.F) WEATHERPROOF DUPLEX OUTLET HEAVY DUTY OUTLET (220 volt) POT LIGHT ◑

LIGHT FIXTURE (PULL CHAIN) LIGHT FIXTURE (CEILING MOUNTED) LIGHT FIXTURE (WALL MOUNTED) SWITCH HOSE BIB (NON-FREEZ FLOOR DRAIN

SINGLE JOIST DOUBLE JOIST DJ TJ TRIPLE JOIST LAMINATED VENEER LUMBER

POINT LOAD FROM ABOVE P.T. PRESSURE TREATED MAY 14, 2015

FLAT ARCH CURVED ARCH

M.C. 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 WORK. ALL DRAWINGS TO BE USED FOR CONSTRUCTION ONLY AFTER BUILDING PERMIT HAS BEEN ISSUED.

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") PSP.#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 PM (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 GRND. CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES AND HEADERS.

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

FOUNDATION WALL (W.O.D./W.O.B.)

-FOR LATERAL SUPPORT WHERE GRADE TO T/O BASEMENT SLAB EXCEEDS 1200mm (3'-11")

FOR 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. (RAMSET 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.

EXTERIOR WALLS FOR WALK-OUT CONDITIONS THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm

ONT. REG. 332/12-2012 OBC
Amendment O. 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 2/38 × 286 (2/2" × 12") SPR.#2 3/38 × 286 (3/2" × 12") SPR.#2 4/38 × 286 (4/2" × 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)

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) 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) LVL5A 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)

DOOR SCHEDULE

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

4-1 3/4"x11 7/8" (4-45x300)

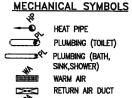
915 x 2030 x 45 (3'-0" x 6'-8" x 1-3/4") NSUAJED MIN. RSI 0.7 (R4) 915 x 2335 x 45 (3'-0" x 7'-8" x 1-3/4") NSUAJED MIN. RSI 0.7 (R4) (B) DOOR (10) EXTERIOR DOOR EXTERIOR DOOR (10)

(2.) 815 x 2030 x 35 (2'-8" x 6'-8" x 1-3/8") INTERIOR DOOR **EXTERIOR** (2A)

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) (2B) 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) 610 x 2030 x 35 (2'-0" x 6'-8" x 1-3/8") 4.)

INTERIOR (4A)660 x 2030 x 35 (2'-2" x 6'-8" x 1-3/8") DOOR INTERIOR DOOR (5.) 480 x 2030 x 35 (1'-6" x 6'-8" x 1-3/8")



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

CARBON MONOXIDE ALARMS (OBC 9.33.4.)
WHERE A FUEL-BURNING APPLIANCE IS INSTALLED IN A DWELLING, UNIT, A CARBON MONOXIDE ALARM CONFORMING TO UNII, A CARBON MONOJIDE ALAKM CUNT-DIMING IO CAN,/CSA-6.19 OR UL2034 SHALL BE INSTALLED ADJACENT TO EACH SLEPING 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

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

2014 VA3 REFERENCE NUMBER

(* SEE OBC 9.23.9.4. *)

VA3 Design Inc. 42658 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.

Wellington Jno-Baptiste 1130516576



416.630.2255 f 416.630.4782

BAYVIEW WELLINGTON

POFESSION A

S. J. BOYD

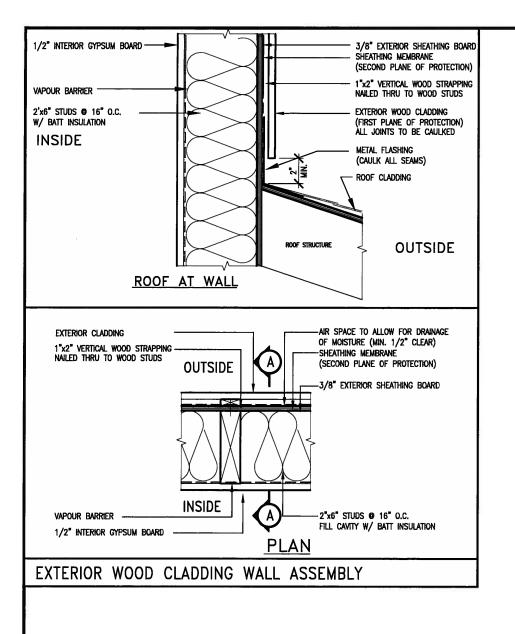
CONST NOTE

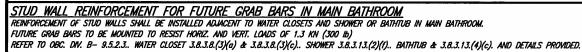
13045

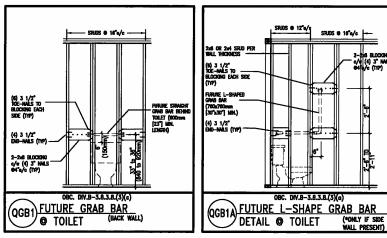
GREEN VALLEY ESTATES BRADFORD APR 2014 **CONSTRUCTION NOTES** 3/16" = 1'-0"

13045-CONST-0BC 2015 H:\ARCHIVE\WORKING\2013\13045.BW\units\13045-CONST-0BC 2015.dwg - Thu - Apr 16 2015 - 6:54 AM

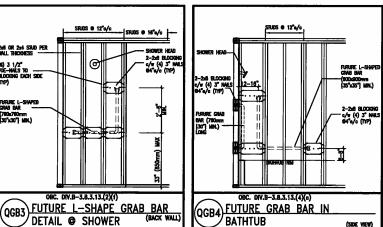
All drawings specifications, related documents and design are the copyright property of WA3 DESIGN. Reproduction of this property in whole or in part is strictly prohibited without WA3 DESIGN's written pe

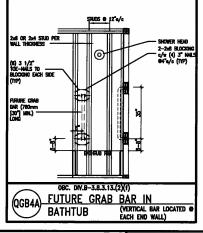


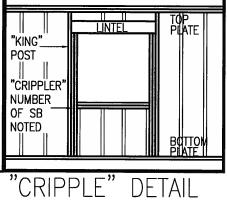




₹







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"

DETAIL @ SHOWER

SRJDS @ 12°c/c

ø

3-2"x4" 9 12" 0.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 O.C. (4'-0")

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

FOR A 1/50 YEAR REFERENCE WIND PRESURE OF 0.6 KPa.

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" 9 12" 0.C. - 17'-4"

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 kpg studs greater than 9'-10" high to be N_0 . 2 spf. Stud specification is suitable for brick veneer or

** STUD INFORMATION TAKEN FROM OBC TABLE A-30

MAY 14, 2015

S. J. BOYD

9	•		
8			•
7			
6	•	•	
5	•		
4			
3			$\lceil \cdot \rceil$
2	UPDATE TO CODE	APR 16-15	RC
1	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC
m	description	date	hv

Wellington Jno-Baptiste 🆊 25591

registration information VA3 Design Inc.	\mathcal{U}^{\perp}	42658
Contractor must verify all din discrepancy to the Designer I drawings and specifications a of the Designer which must I Drawings are not to be scale	before proceed re instruments be returned at	ing with the work. All of service and the property



CONST NOTE

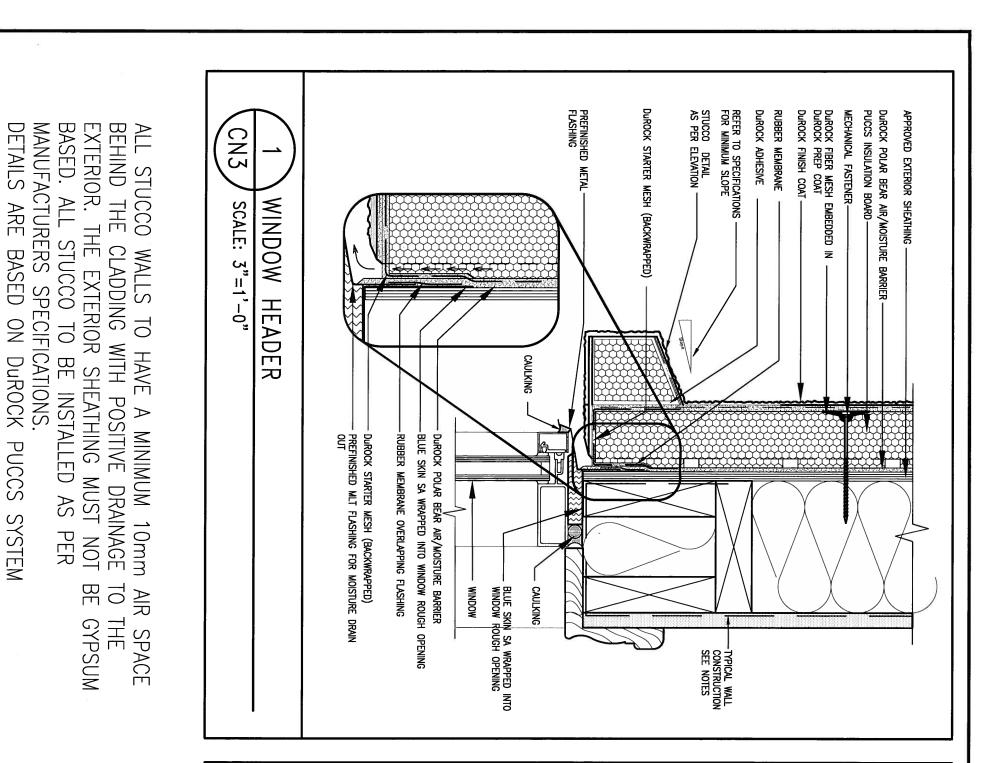
GREEN VALLEY ESTATES APR 2014

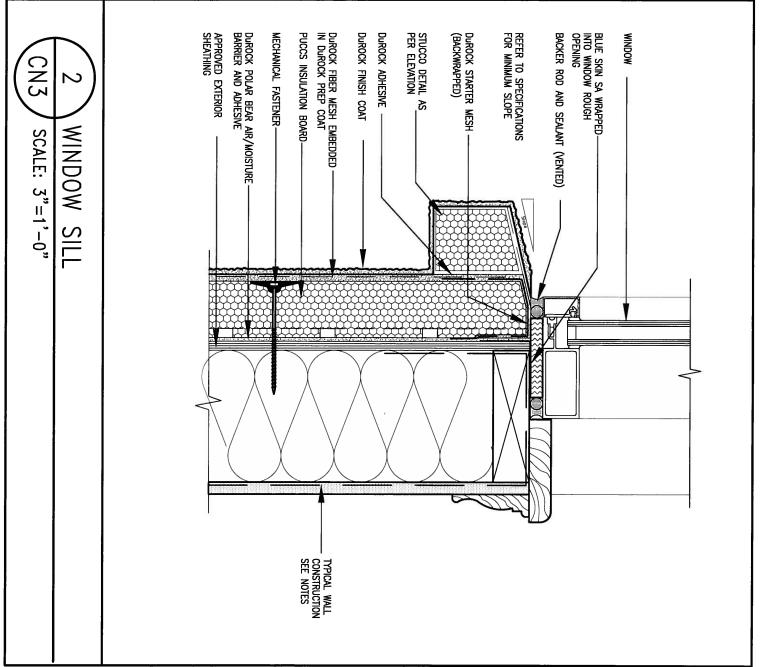
drawn by RC

CONSTRUCTION NOTES 3/16" = 1'-0"

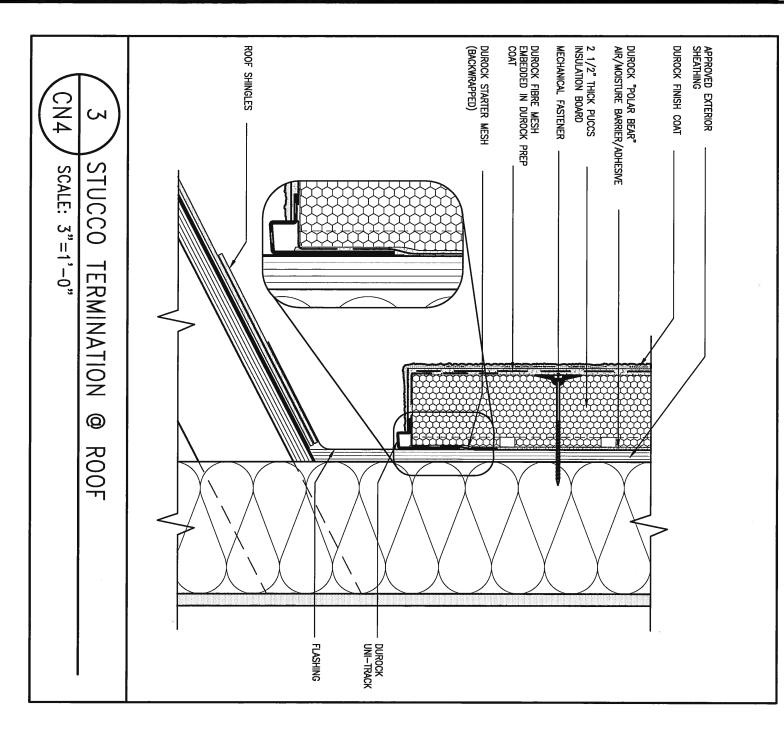
BRADFORD

13045-CONST-OBC 2015 Thu - Apr 16 2015 - 6:56 AM





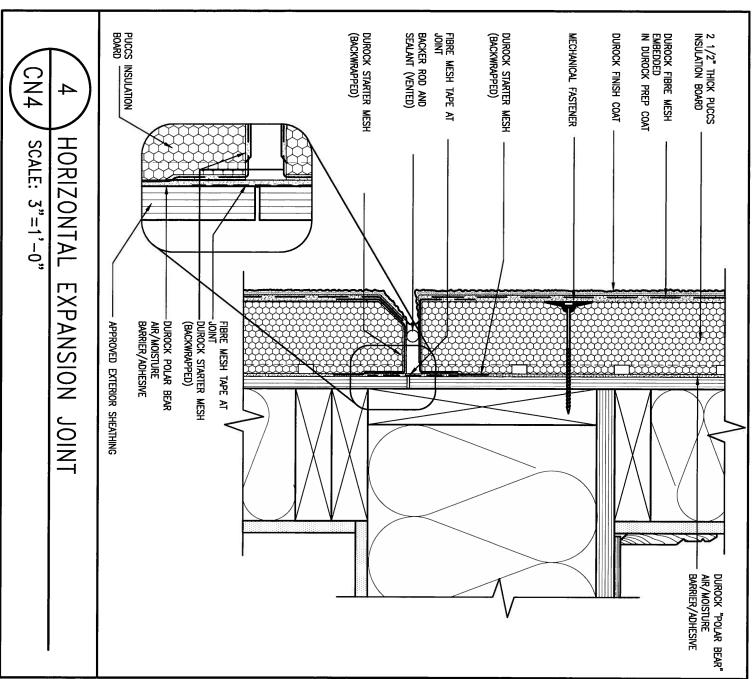
CONST NOTE BAYVIEW WELLINGTON GREEN VALLEY ESTATES 13045 BRADFORD VA3 Design Inc. 42658 diste APR 2014 CONSTRUCTION NOTES Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled. 300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782 2 UPDATE TO CODE APR 16-15 RC drawn by 3/16" = 1'-0" 1 ISSUE FOR CLIENT REVIEW MAY 07-14 RC 13045-CONST-08C 2015 o. description date va3design.com RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\13045-CONST-0BC 2015.dwg Thu - Apr 16 2015 - 6:57 AM



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

ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE



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. **CONST NOTE BAYVIEW WELLINGTON** 25591 Wellington Jno-Baptiste // GREEN VALLEY ESTATES BRADFORD 13045 VA3 Design Inc. 42658 APR 2014 **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. 300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782 va3design.com 2 UPDATE TO CODE APR 16-15 RC drawn by RC 3/16" = 1'-0" file nome 13045-CONST-OBC 2015 1 ISSUE FOR CLIENT REVIEW MAY 07-14 RC RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\13045-CONST-OBC 2015.dwg - Apr 16 2015 - 6:57 AM

APPROAGE PRINTER

STRUMEN HOUSE NOT HE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR. THE EXTERIOR SHEATHING MUST NOT BE CYPSUM BASED. ALL STUCCO TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS.

BACKER ROD AND SEALANT (VENTED) Durock Fiber Mesh Embedded in Durock Prep Coat FLASHING Durock Starter Mesh (Backwrapped) Durock Finish Coat PUCCS INSULATION BOARD APPROVED EXTERIOR SHEATHING Durock "Polar Bear" AIR/MOISTURE BARRIER MECHANICAL FASTENER $\boldsymbol{\sigma}$ SCALE: 3"=1'-0" STUCC0 MASONRY PLINTH CONNECTION TRANSITION MEMBRANE. EXTEND MEMBRANE 6"
ABOVE AND BELOW
SILL ENSURE
TRANSITION MEMBRANE
IS OVER BUILDING
PAPER BUILDING PAPER

DETAILS ARE BASED ON DUROCK PUCCS SYSTEM

The undersigned has reviewed and takes responsibility for this design and has the qualifications and means the requirements set out in the other is this factor and to be a Designed.

ond hos the quotifications and meets the requirements set out in the Ontario Building Code to be a Designer.

qualification information

Weltington Jno-Baptiste

Alignature

Alignature

Alignature

Alignature

Alignature

Alignature

BCIN

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 scoled.

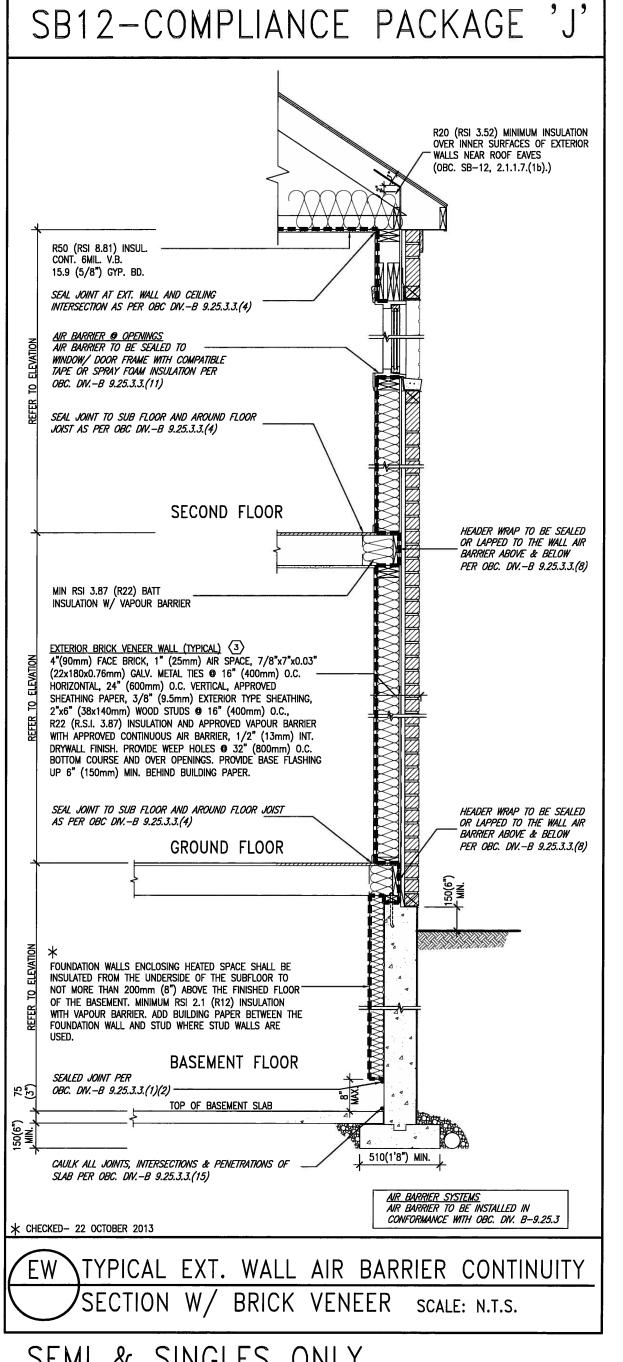
DESIGN
300A Wilson Avenue
Toronto ON M3H 158
t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON

CONST_NOTE

- Apr 16 2015 - 6:57 AM

13045



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%	_					



STANDARD EXT. WALL CONSTRUCTION AS PER UNIT | WORKING DRAWINGS FIN. GROUND FLOOR MFLOOR JOIST W (SEE PLAN) UNFIN. BASEMENT REFER TO DECK OF DETAIL BY ENG FOR CONNECTIONS 6 mil. VAPOUR BARRIER R22 (RSI 3.87) BATT INSUL BLANKET. ADD BUILDING WALL & STUD WHERE STUD WALLS ARE USED. FIN GRADE CAULK ALL JOINTS, INTERSECTIONS & PENETRATIONS OF SLAB PER OBC. DIV.—B 9.25.3.3.(15) <u>,10"</u> T/O BSMT.SLAB 2"(50mm) MIN. R10 (RSt1.76) RIGID INSULATION ALONG THE WALL TO EXTEND NO LESS THAN 24"(600mm) BELOW THE EXT. GROUND LEVEL -10" MIN (560mm * REVISED- 15 MARCH 2013

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

SFMI & SINGLES ONLY

	OLIVII OC	O 11	•	OLLO ONLI
9				The undersigned has reviewed and takes responsibility for this design
8			٠	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 WBOFICSTE 25591
5				nome , /signoture 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	윤	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.
	desertation .	Jaka	4	Or the bearing which must be retained at the completion to the work.



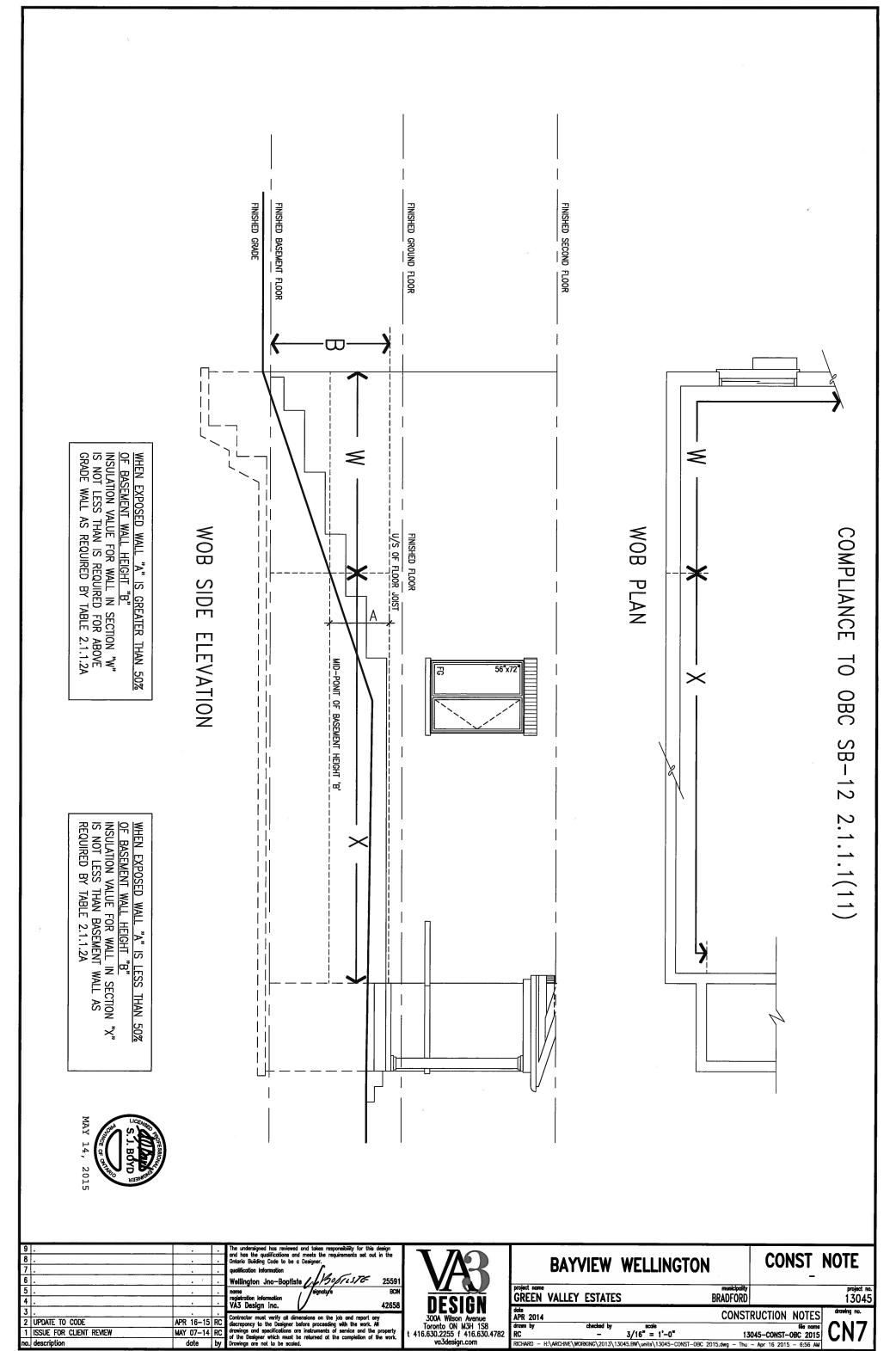
BAYVIEW WELLINGTON

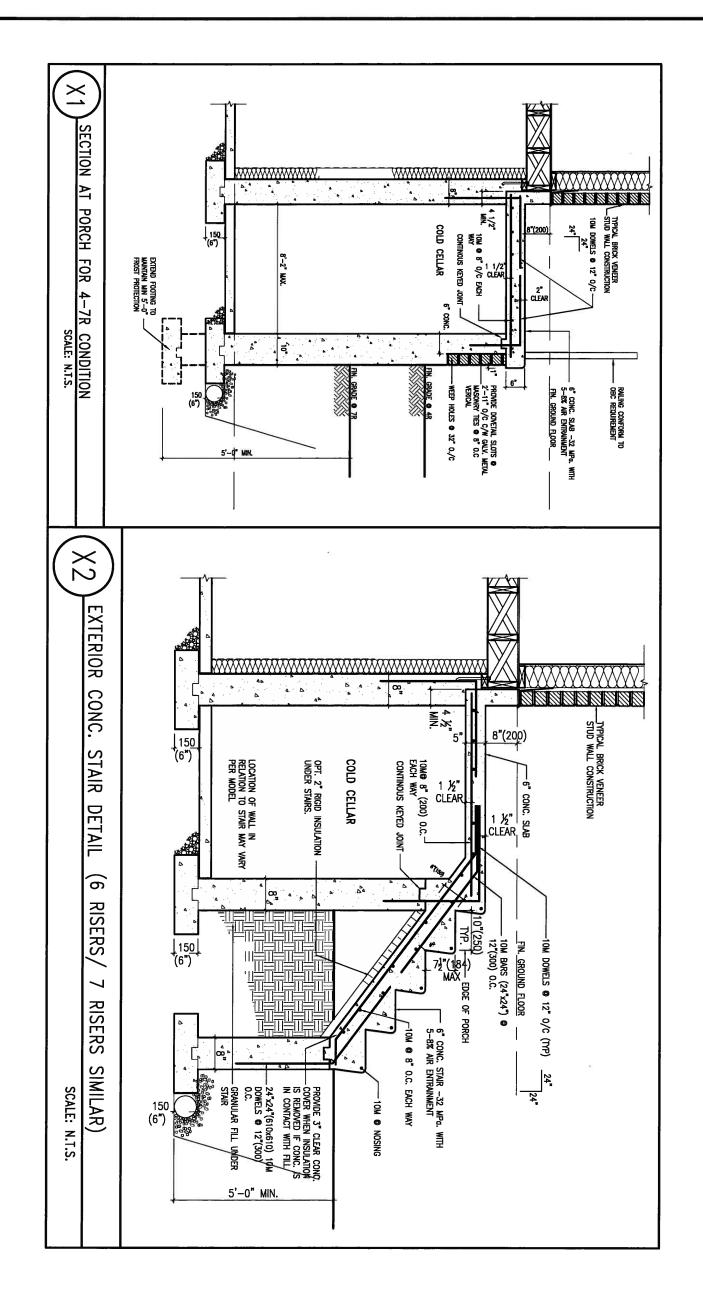
CONST NOTE

13045

GREEN VALLEY ESTATES BRADFORD date APR 2014 drawn by **CONSTRUCTION NOTES** 3/16" = 1'-0"

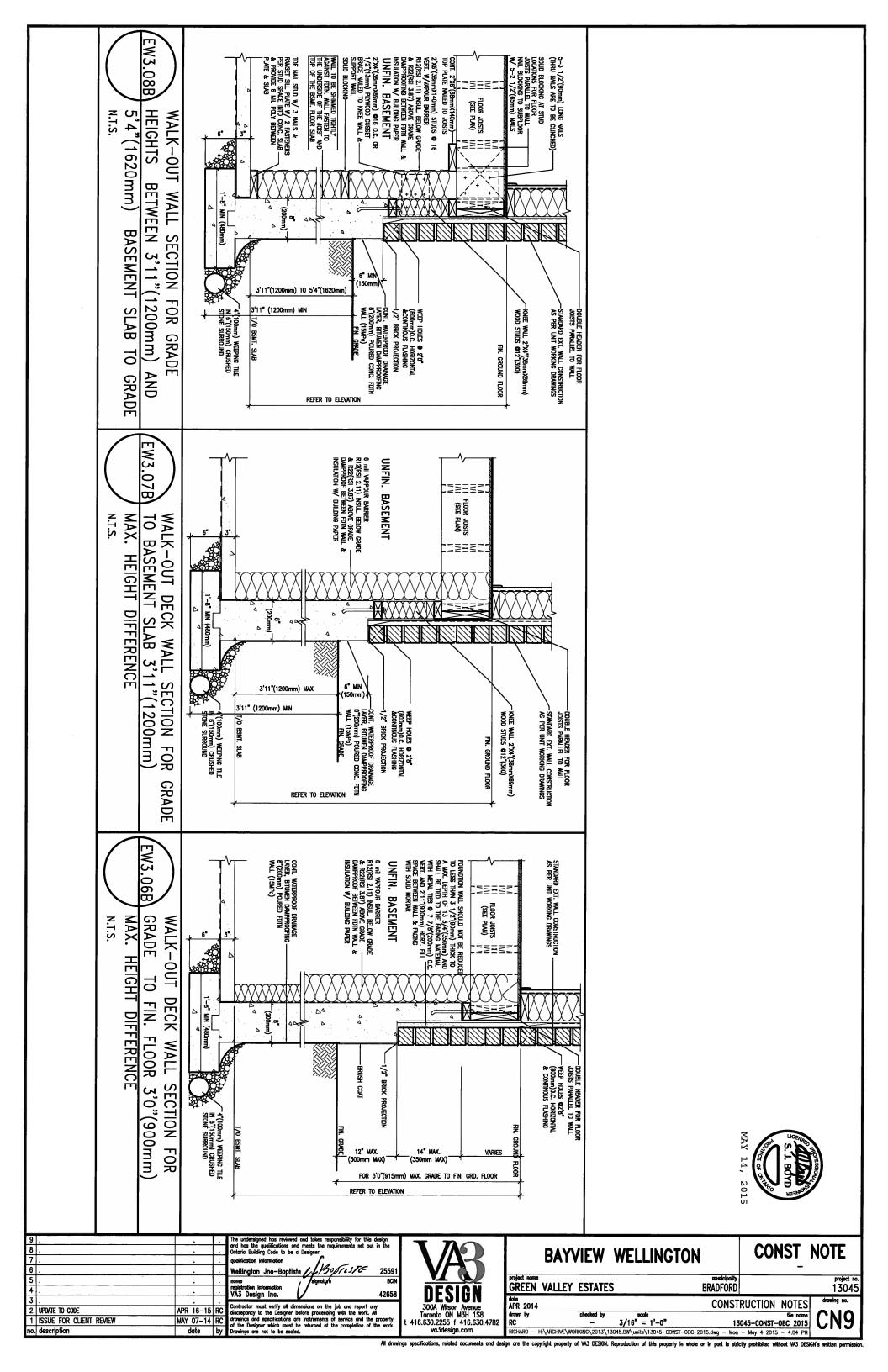
13045-CONST-0BC 2015 Thu - Apr 16 2015 -

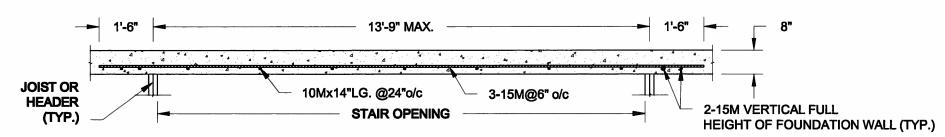




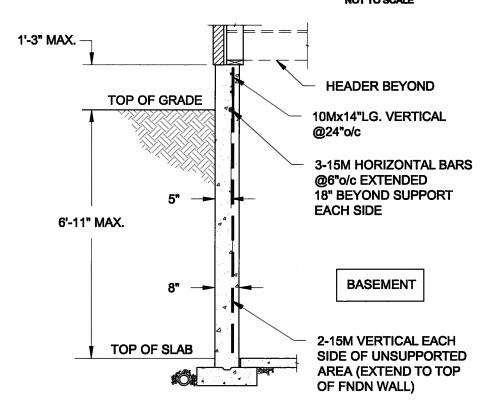


9 .			ŀ	The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.	TAO	RAYVIFW	WELLINGTON	CONST NOTE
7 .				qualification information	\ /Δ-<	DAIVIEW	WELLINGTON	COMO: NOIL
6 .			<u>.</u>	Wellington Jno-Baptiste 6 130 512576 25591	V/AD			<u> </u>
5 .			<u> </u>	nome , signatyre BCIN		Project nome	municipolity	project no.
4 .				registration information VA3 Design Inc. 42658	DESIGN	GREEN VALLEY ESTATE	S BRADFORD	13045
3.						date APR 2014	CONST	RUCTION NOTES drowing no.
2 UPD	DATE 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	300A Wilson Avenue Toronto ON M3H 1SB	drawn by checked by	scole	CALC.
1 ISS	SUE 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.	t 416.630.2255 f 416.630.4782			045-CONST-OBC 2015
no. des	scription	date	by	Drawings are not to be scaled.	va3design.com	RICHARD - H:\ARCHIVE\WORKING\2013\1	3045.BW\units\13045-CONST-OBC 2015.dwg - Tue	- May 12 2015 - 8:51 AM





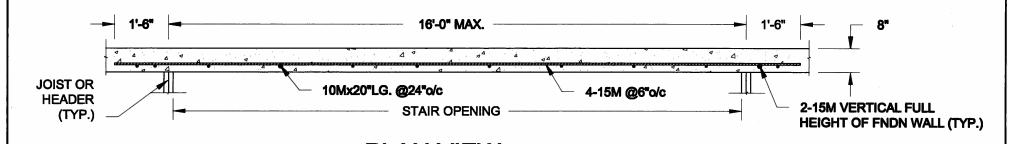
PLAN VIEW



NOTE:

- 1. CONFORM TO ONTARIO BUILDING CODE, 2012.
- 2. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE 15 MPa. MIN.
- 3. REINFORCING STEEL TO BE GRADE 400.

1A LATERALLY UNSUPPORTED WALL
S1 SCALE: 3/8" = 1'-0"



PLAN VIEW NOT TO SCALE 1'-3" MAX. **HEADER BEYOND TOP OF GRADE** 10Mx20"LG. VERTICAL @24"o/c 4-15M HORIZONTAL BARS @6"o/c EXTENDED 18" BEYOND SUPPORT 6'-11" MAX. **EACH SIDE** LOWER FLOOR 2-15M VERTICAL EACH SIDE OF UNSUPPORTED **TOP OF SLAB AREA (EXTEND TO TOP** OF FNDN WALL)

NOTE:

- 1. CONFORM TO ONTARIO BUILDING CODE, 2012.
- 2. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE 15 MPa. MIN.
- 3. REINFORCING STEEL TO BE GRADE 400.

1B LATERALLY UNSUPPORTED WALL
S1 SCALE: 3/8" = 1'-0"

Scale:
AS NOTED

Date:
FEB-28-2015

Drawn: Checked:

SJB

SC

QUAILE ENGINEERING LTD.

36 E: q

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



Project:

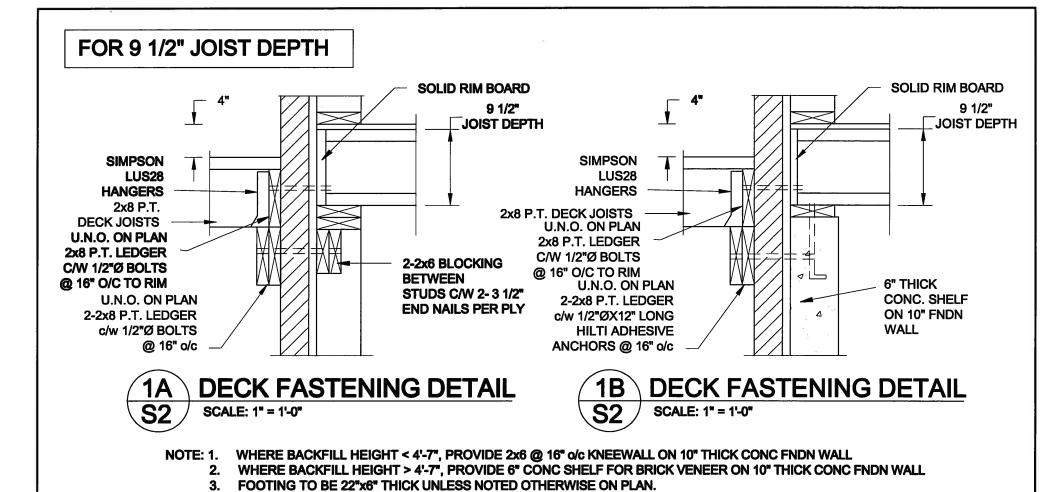
BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT BRADFORD, ONTARIO

TYPICAL STRUCTURAL DETAILS FOR SINGLES

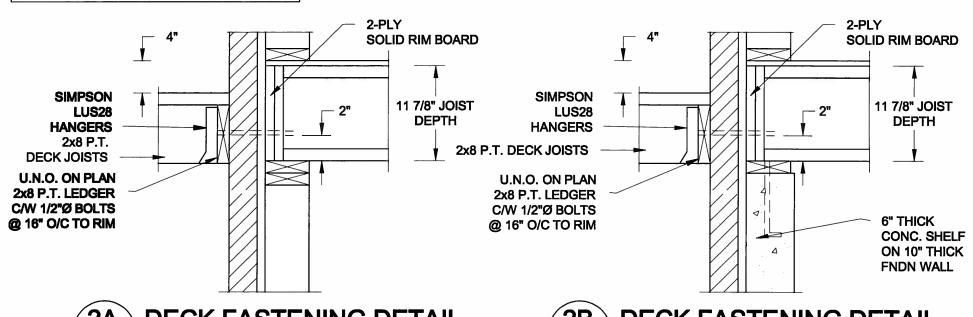
Project No.: Drawing

Drawing No.: \$1

F:\SamC-08\2014\14-095 BAYVIEW WELLINGTON GREEN VALLEY SINGLES\14-095.dwg



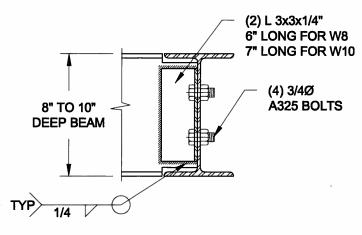




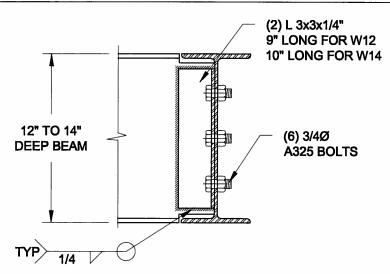
DECK FASTENING DETAIL SCALE: 1" = 1'-0"

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

- NOTE: 1. 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.



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



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



STEEL BEAM CONNECTION DETAIL

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

L3Y 8J9

Scale: **AS NOTED** Date: Drown: Checked:

QUAILE ENGINEERING LTD.



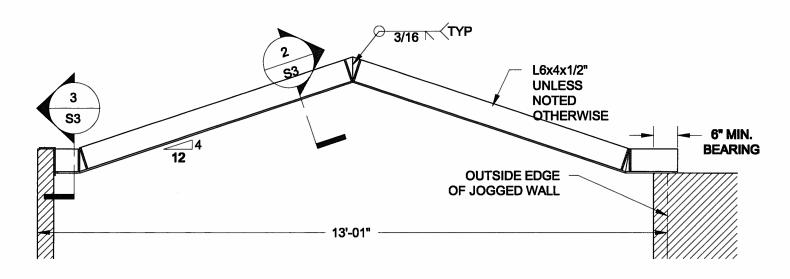
Engineer's Seat S. J. BOYD APR 24, 2015 Project: BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT **BRADFORD, ONTARIO**

TYPICAL STRUCTURAL DETAILS FOR SINGLES

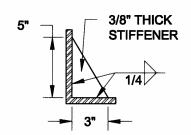
Project No.:

14-095 **S2**

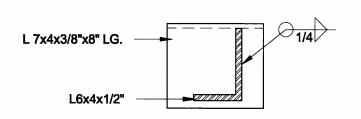
2014/14-005 BAYVIEW WELLINGTON GREEN VALLEY SINGLES/14-095.dag



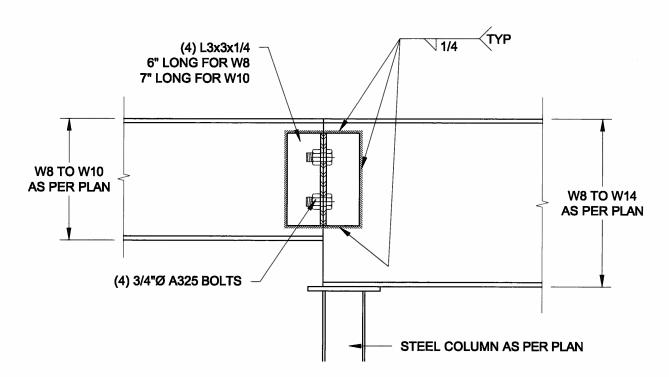
1 STEEL LINTEL AT GABLE S3 SCALE: 1/2" = 1'-0"



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-28-2015

Drawn: Checked: 8C SJB QUAILE ENGINEERING LTD.

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

APR 24, 2015

Project:

BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT BRADFORD, ONTARIO

TYPICAL STRUCTURAL DETAILS FOR SINGLES

Project No.: Drawing

Drawing No.: \$3