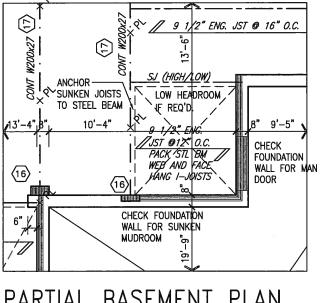
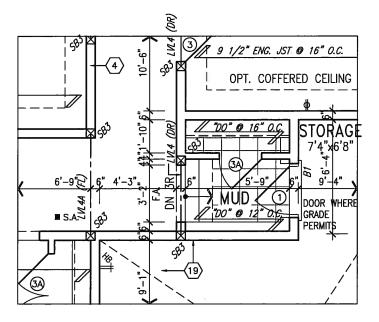


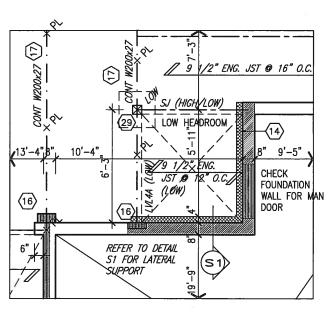
PARTIAL GROUND FLOOR PLAN SUNKEN MUDROOM (-1R CONDITION)



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)

ADEA CALCULATIONS			
AREA CALCULATIONS	ELEV. A	ELEV. B	ELEV. C
GROUND FLOOR AREA	1551 SF	1551 SF	1551 SF
SECOND FLOOR AREA	1985 SF	1962 SF	1986 SF
SUBTOTAL	3536 SF	3513 SF	3537 SF
DEDUCT ALL OPEN AREAS	84 SF	84 SF	84 SF
FINISHED BSMT AREA	00 SF	00 SF	00 SF
TOTAL NET AREA	<b>3452 SF</b> (320.70 m2)	<b>3429</b> SF (318.56 m2)	<b>3453</b> SF (320.79m2)
COVERAGE	2005 SF	2005 SF	2005 SF
W/OUT PORCH	(186.28 m2)	(186.28 m2)	(186.28 m2)
COVERAGE	2066 SF	2066 SF	2066 SF
W/ PORCH	(191.94 m2)	(191.94 m2)	(191.94 m2)

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 examining or approving site (lotting) plans or This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of BRADFORD / WEST GWALLIMBURY. ARCHITECTURAL REVIEW & APPROVAL!

MAY/2 0 2015 NOTE: SPACE ALL FLOOR JOISTS @ 12" O.C. UNDER John G. Williams Limited, Architect

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

ALL CERAMIC TILE AREAS.

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

J. BOYD MAY 14, 2015

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

NOTE R1: 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

2 REVISED AS PER ENG'S COMMENTS

1 ISSUED FOR CLIENT REVIEW.

o. description

REFER TO STANDARD FLOOR PLANS FOR ADDITIONAL INFORMATION.

SEPT.15/14 DB

The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontaria Building Code to be a Designer. Wellington Jno-Baptiste Chilosofies 72-25591 registration imprimate. VA3 Design Inc. Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All arounders of specifications are instruments of service and the property of the Designer which must be returned at the completion of the work.

by Drawings are not to be scaled.

TM
VA)
DESIGN
300A Wilson Avenue
Toronto ON M3H 1S8

# **BAYVIEW WELLINGTON**

LOTS 11&12 ONLY

S42-6 LOT 11&12 RIDEAU 6

13045

9

GREEN VALLEY	ESTATES	<u> </u>	BRADF	ORD	
date SEPTEMBER 2014	PA	RTIAL PLANS-	SUNKEN	MUDROM	CONDITION
drawn by	checked by	scole			file name
DARRYL BURTON		3/16" = 1'-0"		13045-S42	!-6-LOTS11-12
RICHARD - H\ARCHIVE\WOE	SKING\ 2013\ 1304	15 RW\ unite\ 421\ 13045_\$42	-6-lote11-17 dw	a - Tue - May 1	2 2016 0.42 44

UNINSULATED OPENINGS (PER OBC. SB-12,2.1.1.(7)			
42-5 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)			
42-5 ELEVATION A WOB	OB 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)			
42-5 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 %

UNINSULATED OPENINGS (PER OBC. SB-12,2.1.1.(7)			
42-5 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)			
42-5 ELEVATION 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)			
42-5 ELEVATION B 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)			
42-5 ELEVATION 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)			
42-5 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)				
42-5 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 %	

LOTS 11&12 ONLY

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1.	ISSUED FOR CLIENT REVIEW.	SEPT.15/14	DB	drawing:
no.	description	date	bv	Drawings

ington Ino-Baptiste JASOFICSTE 25591

ration information

Design Inc.

42658

octor must verify all dimensions on the job and report any spanney to the Designer before proceeding with the work. All nags and specifications are instruments of service and the property e Designer which must be returned at the completion of the work. And are not to be scaled.



BCIN

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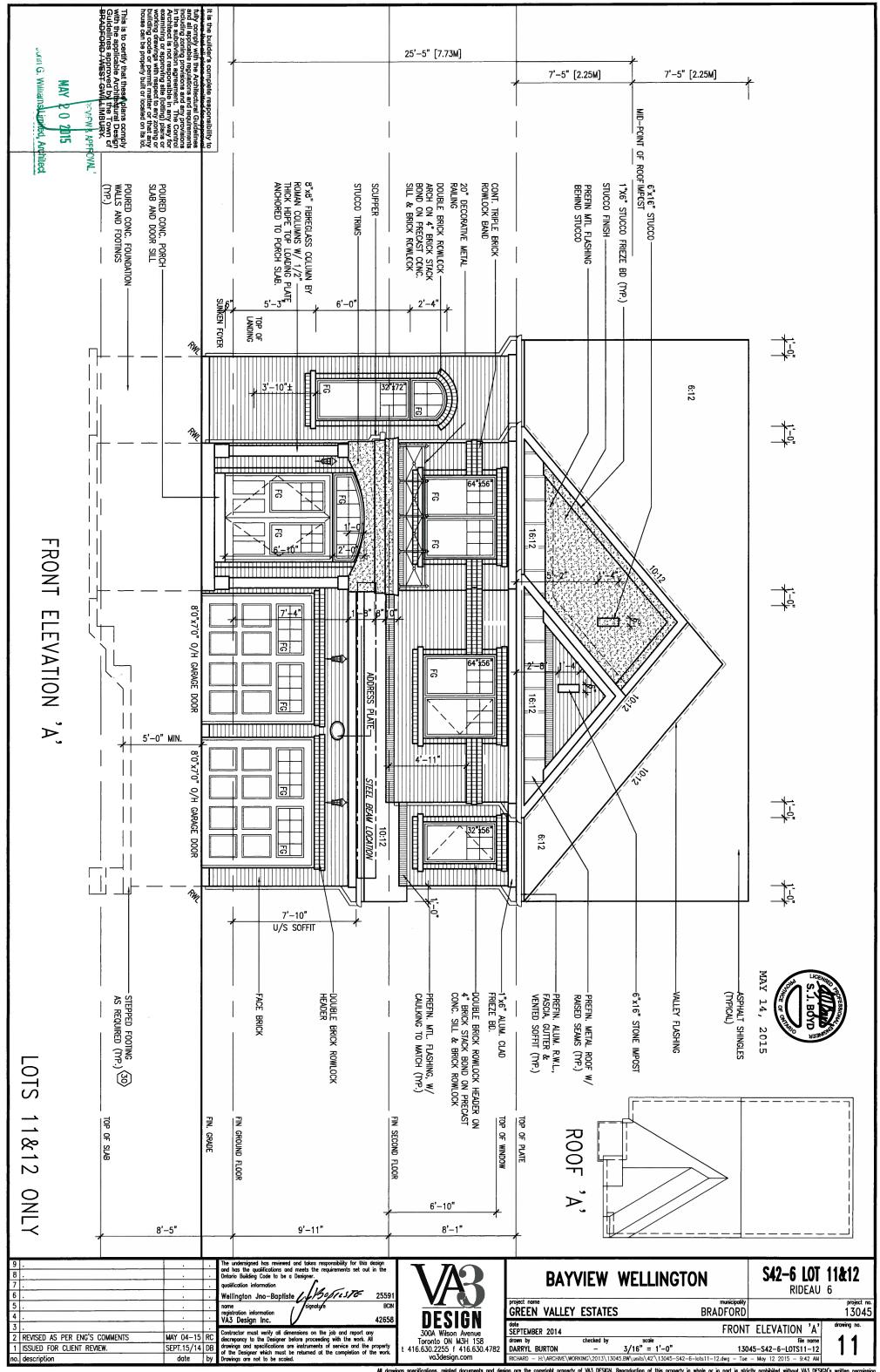
## **BAYVIEW WELLINGTON**

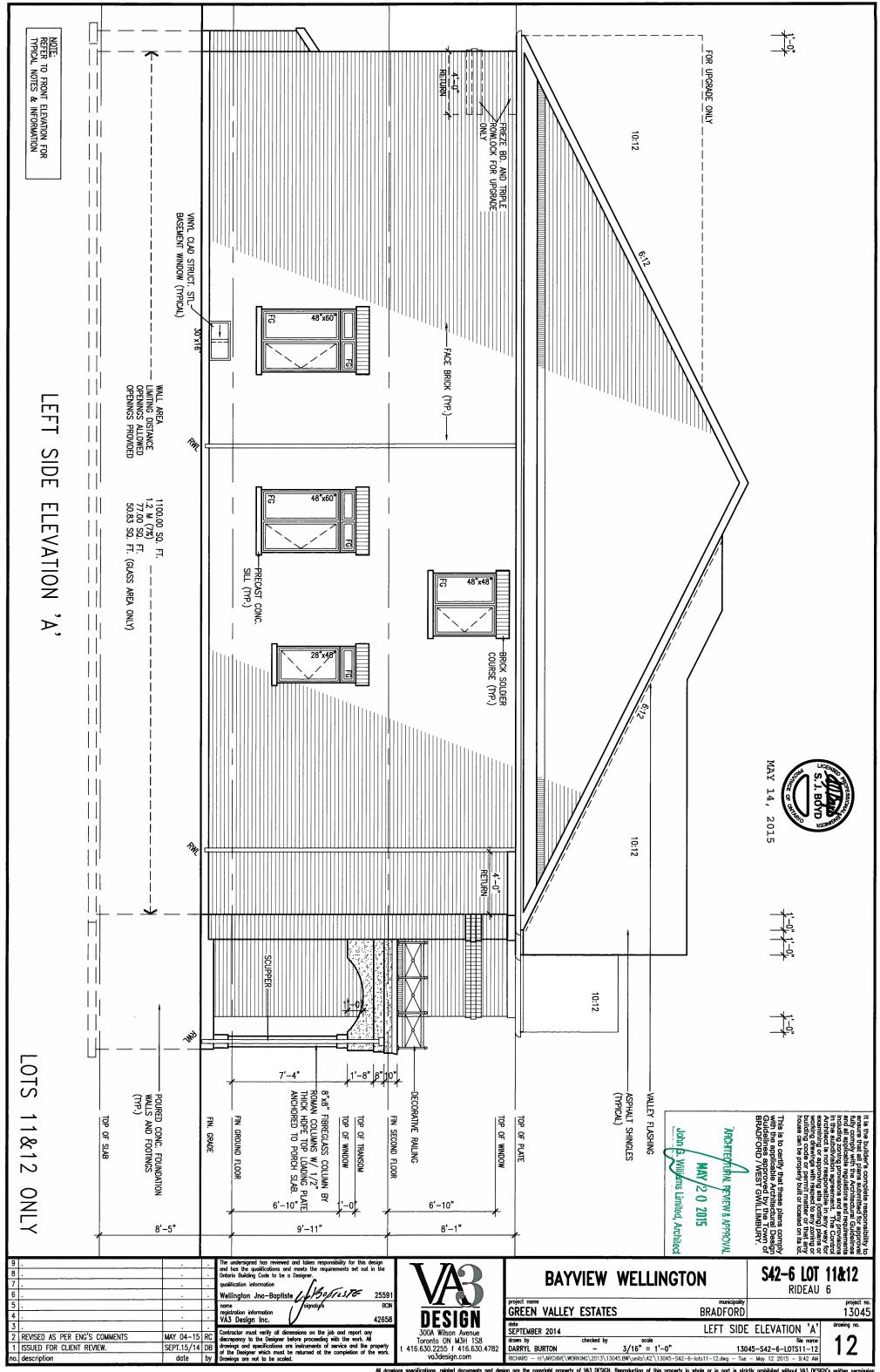
**S42-6 LOT 11&12**RIDEAU 6

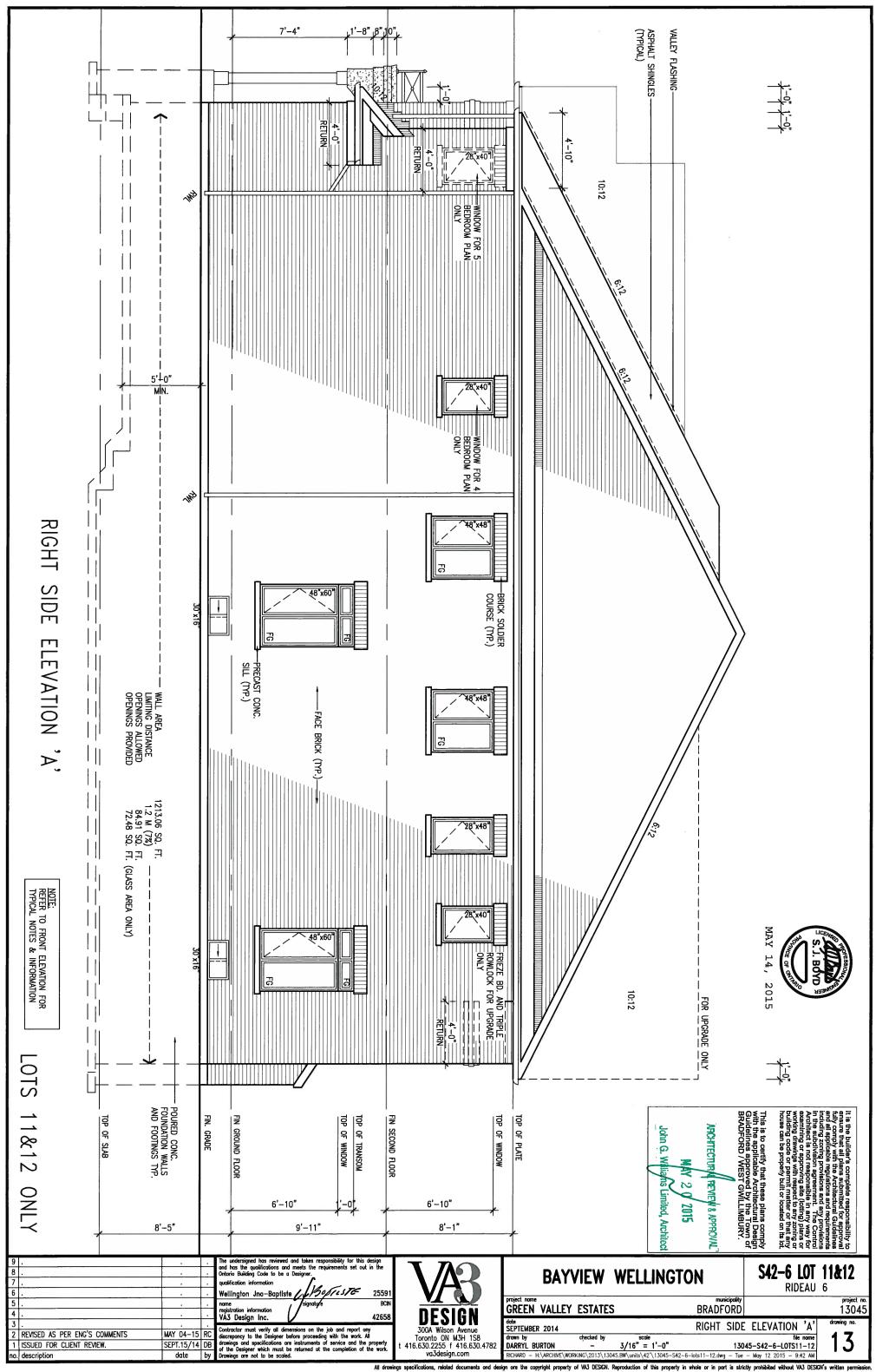
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GREEN VALLEY ESTATES municipality BRADFORD

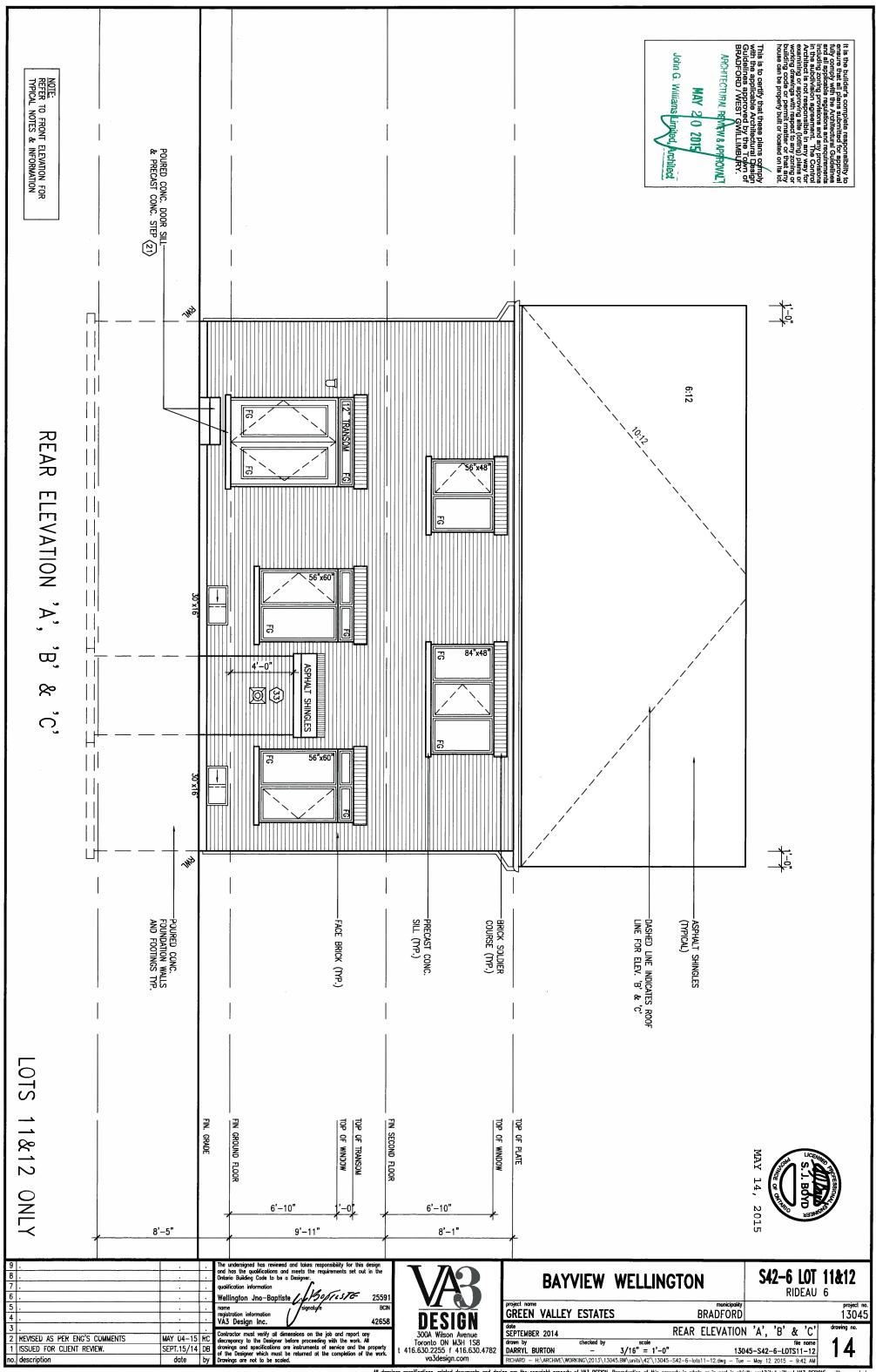
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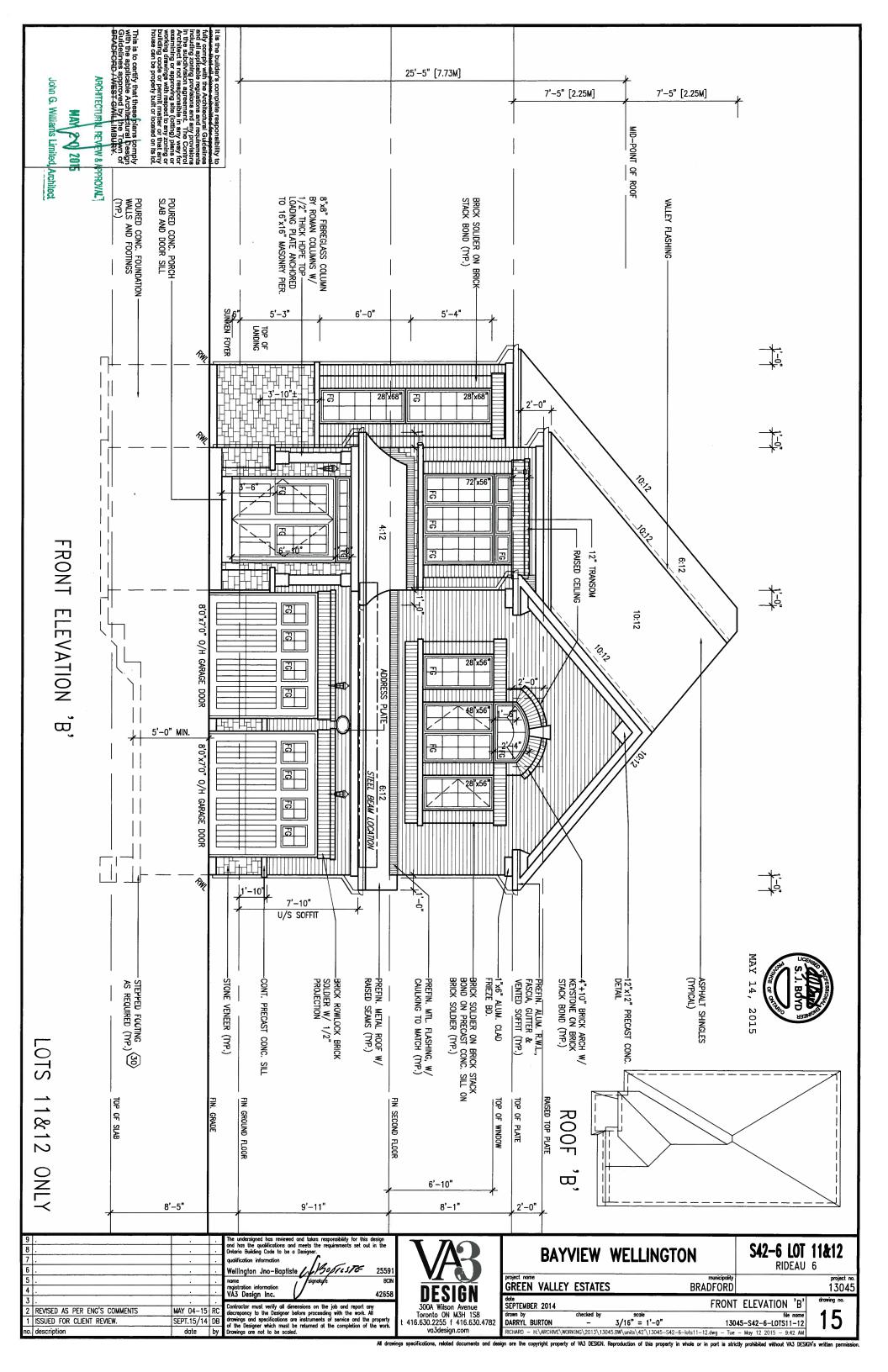
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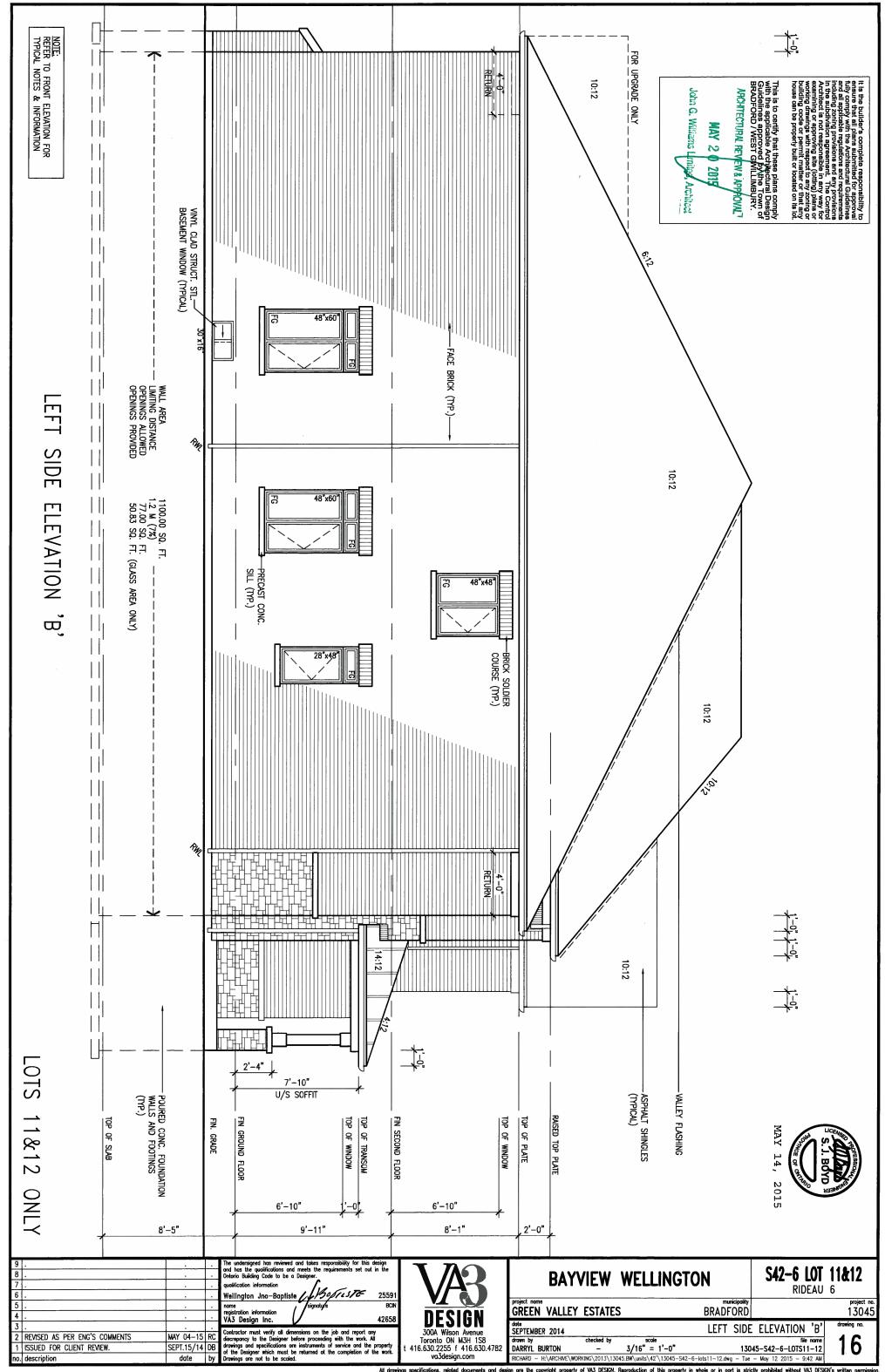


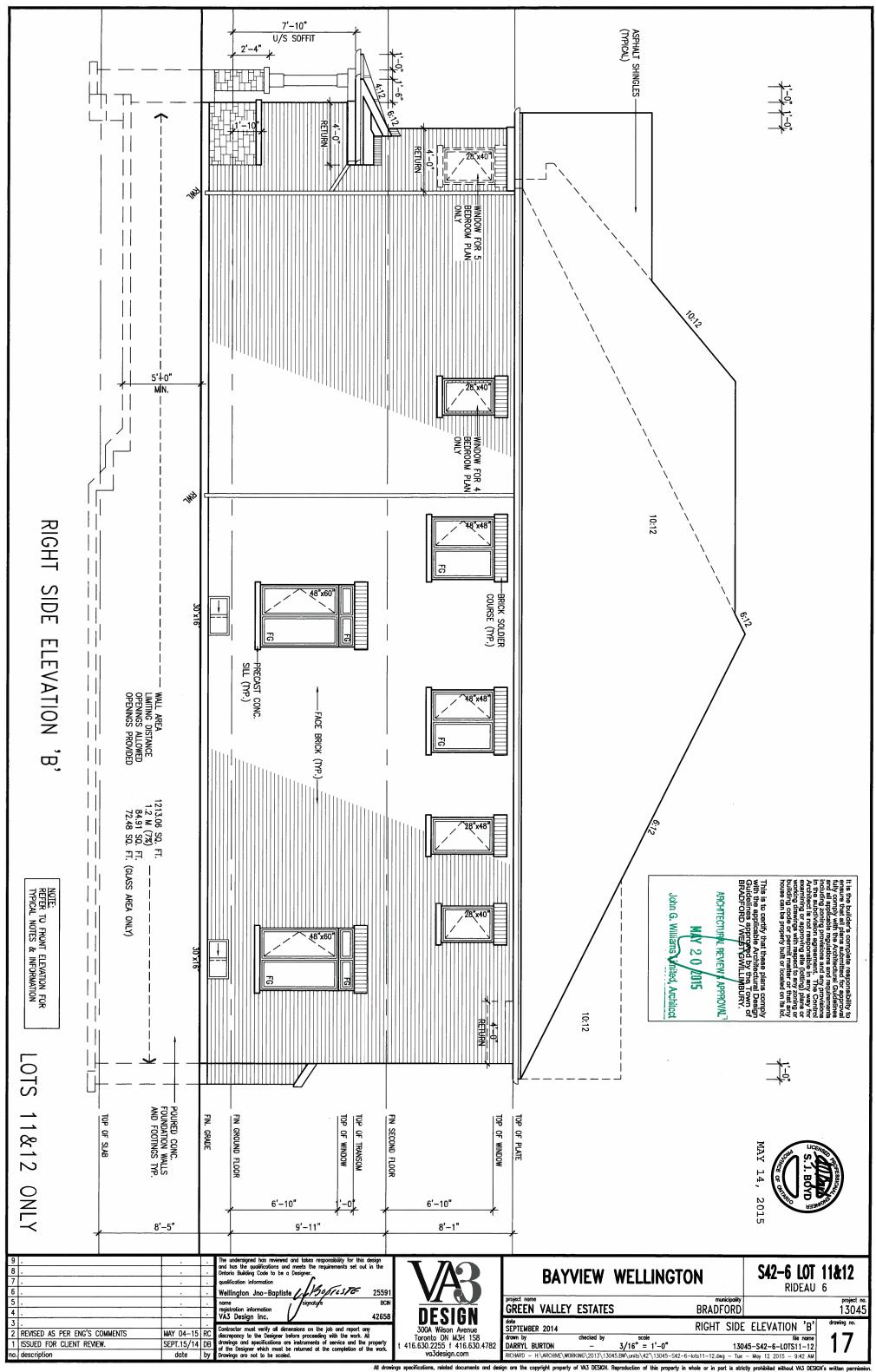




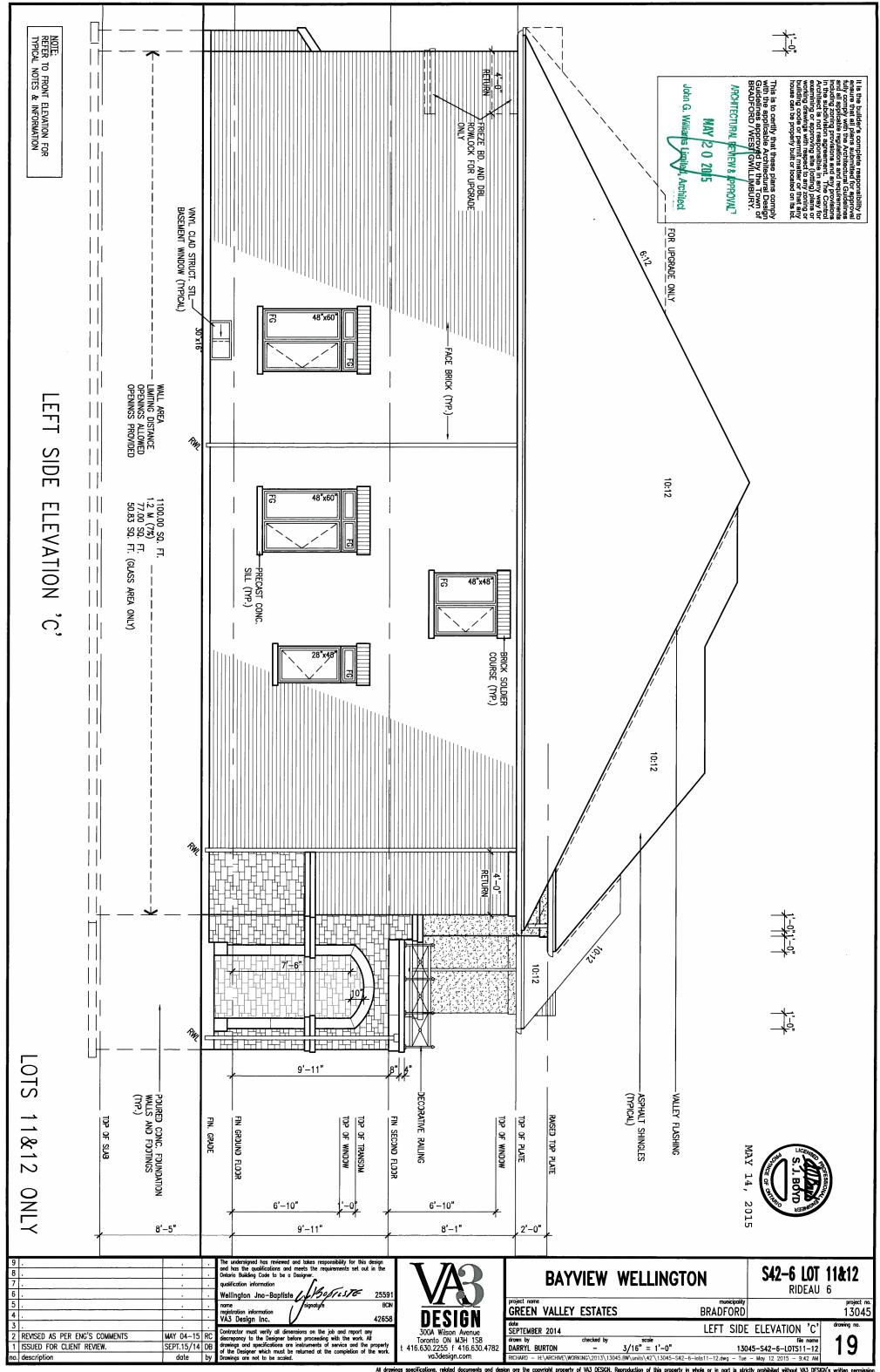


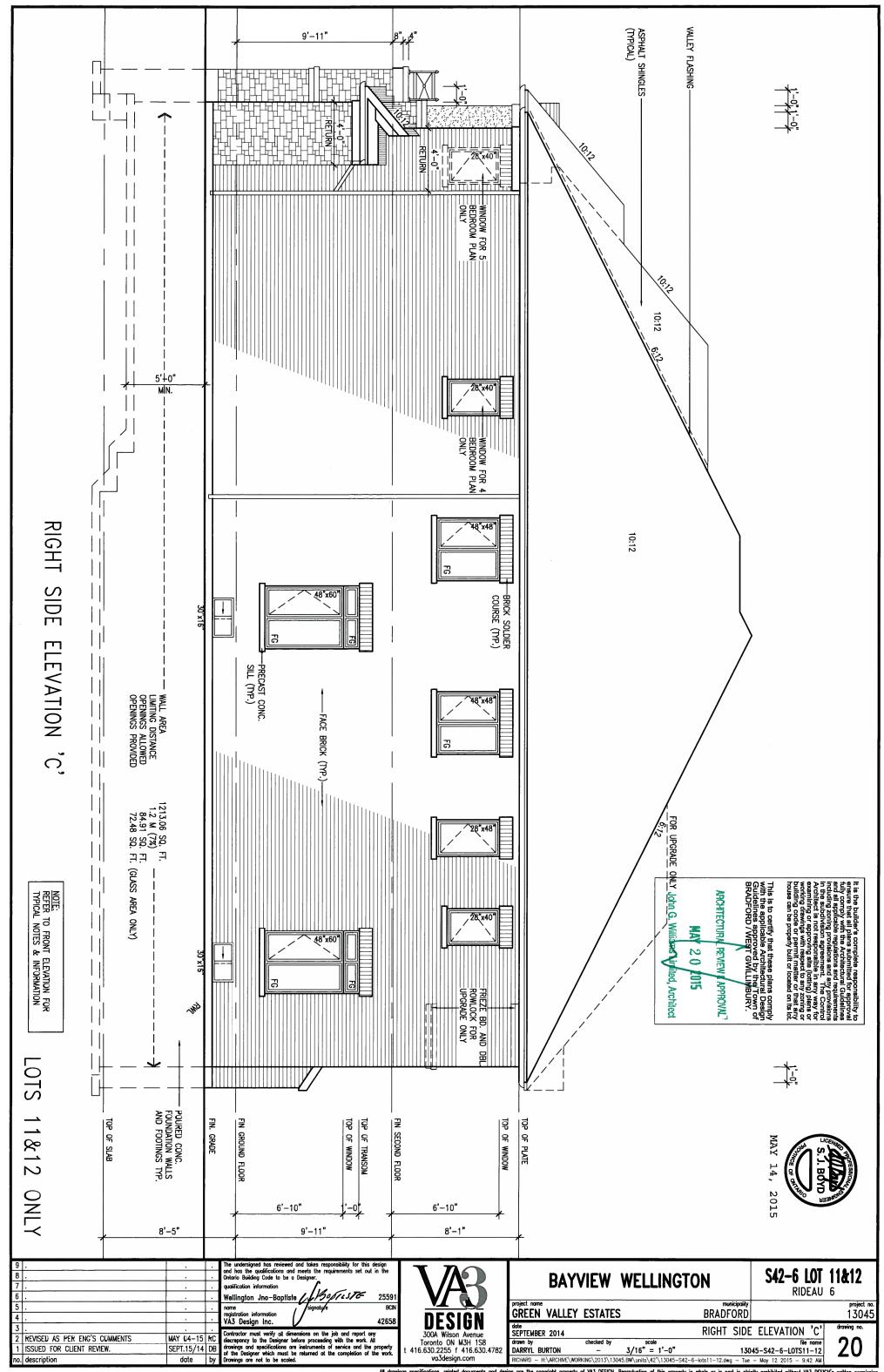


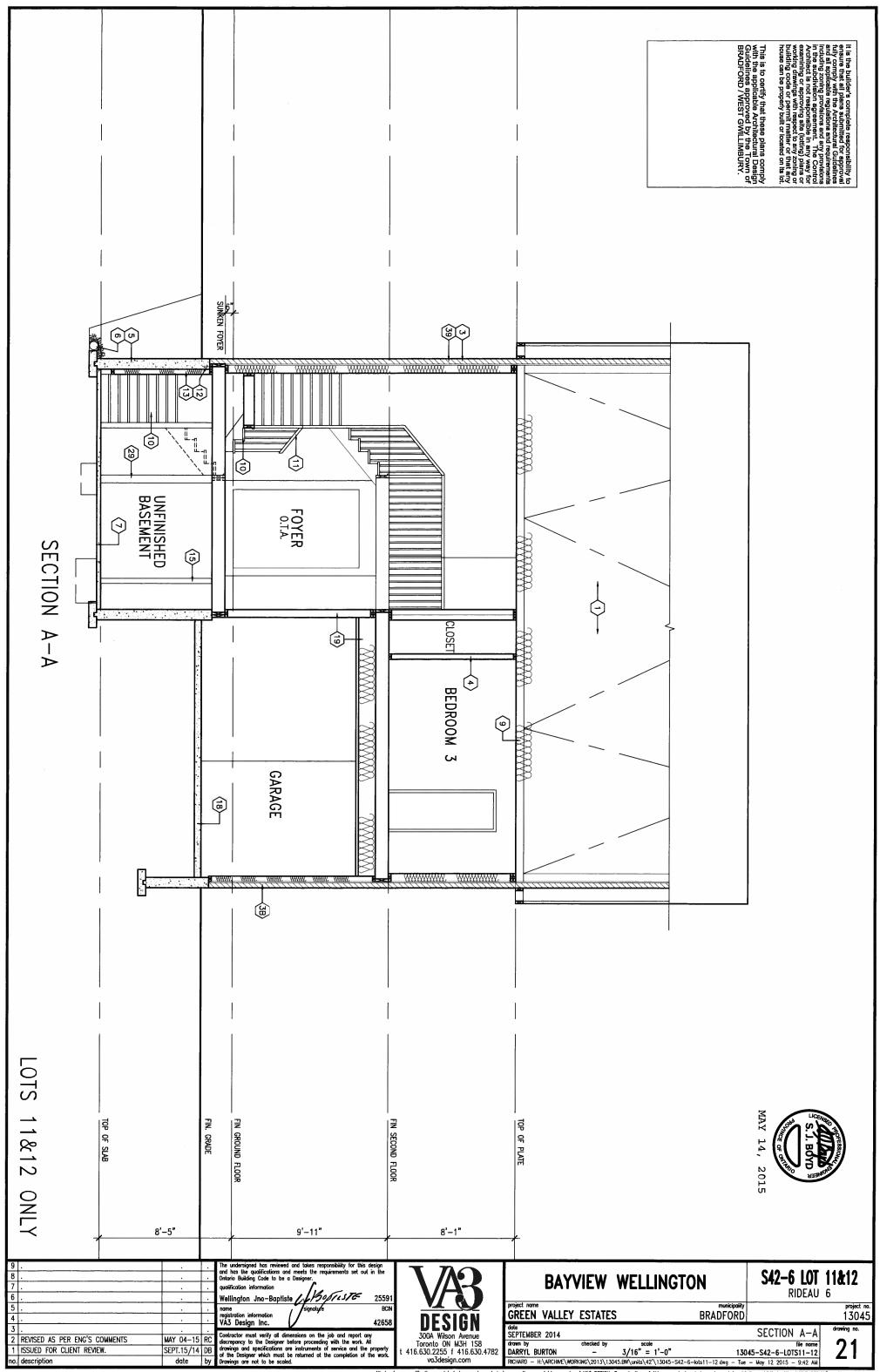


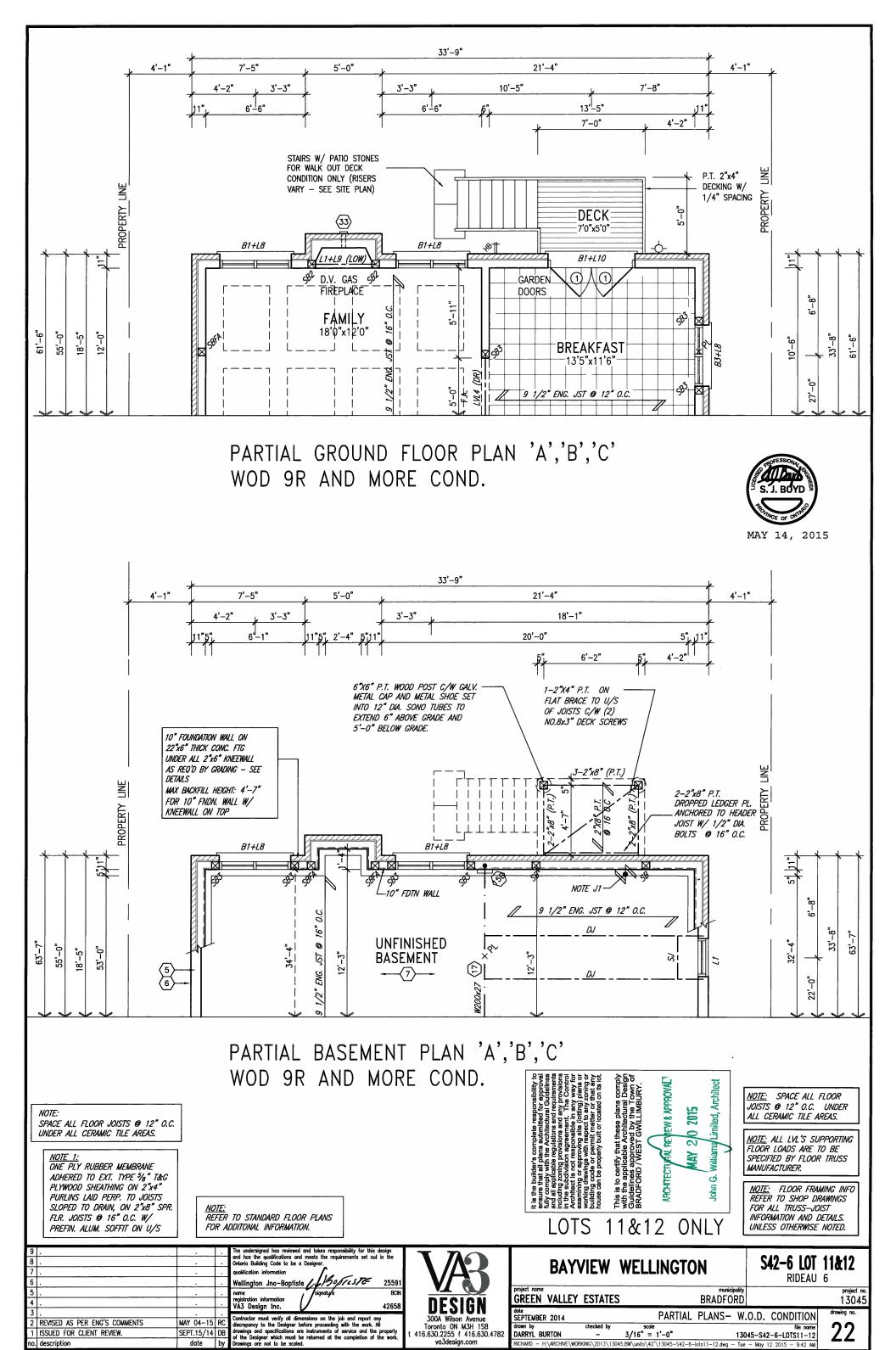










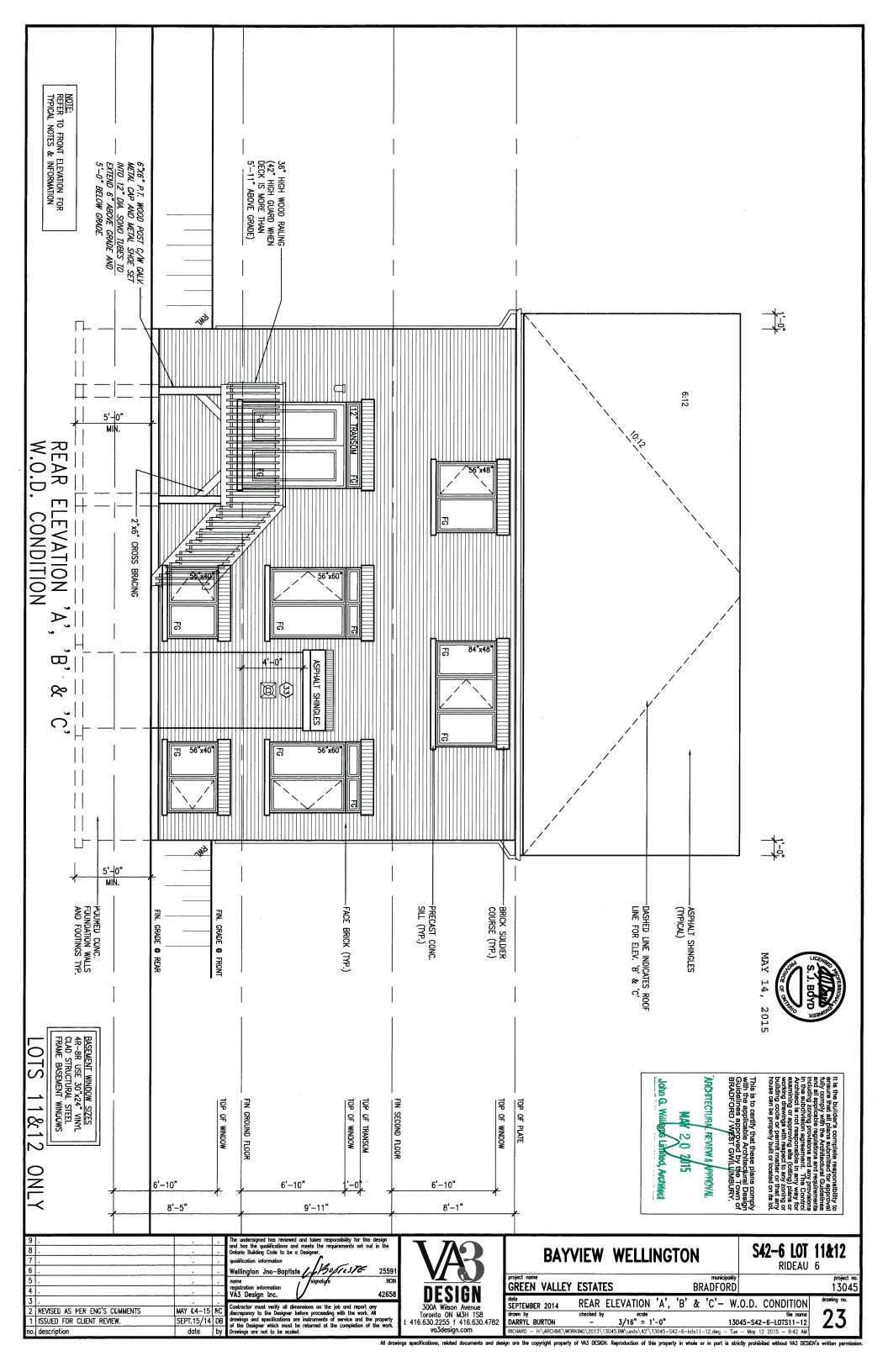


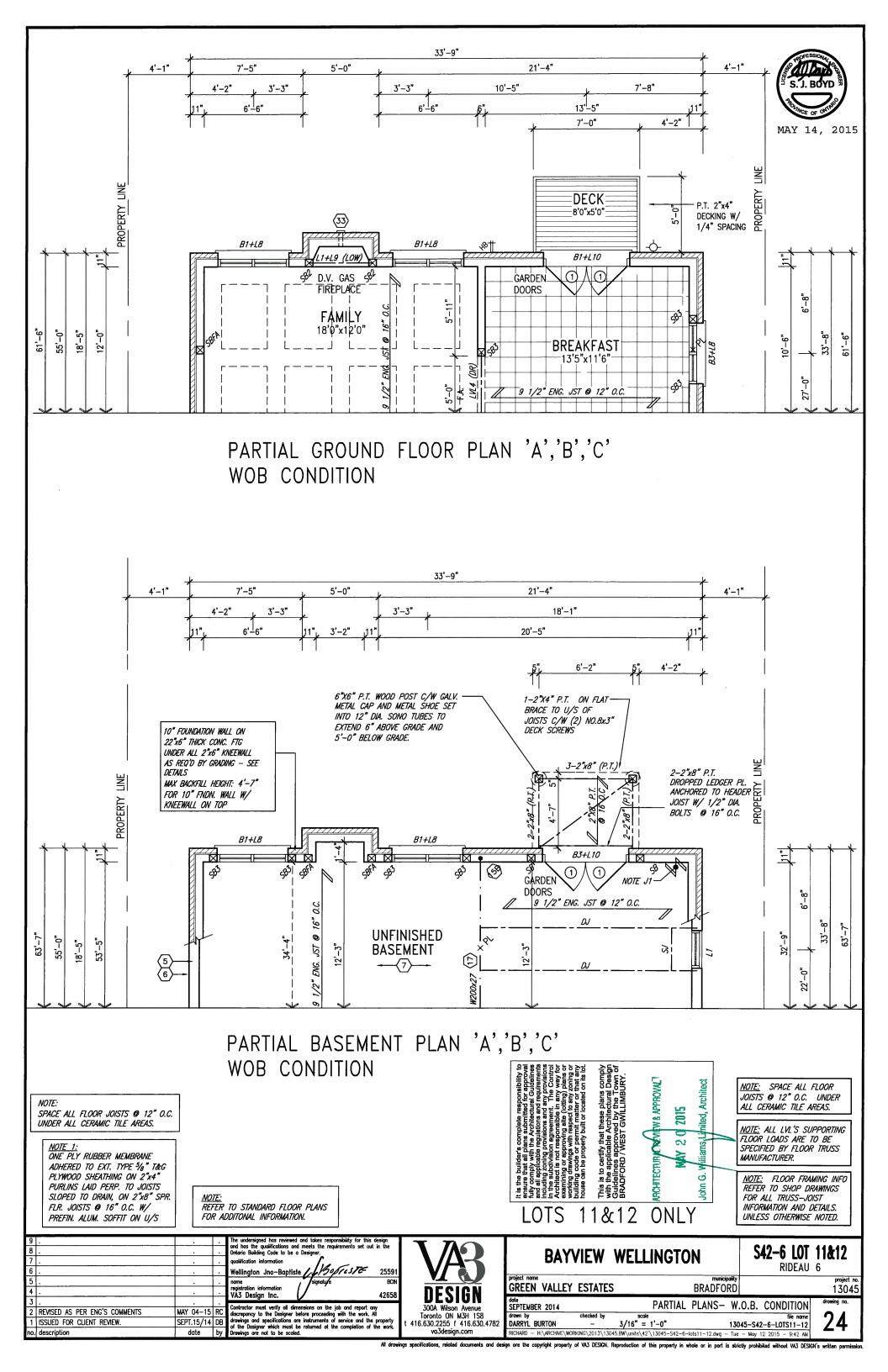
va3design.com

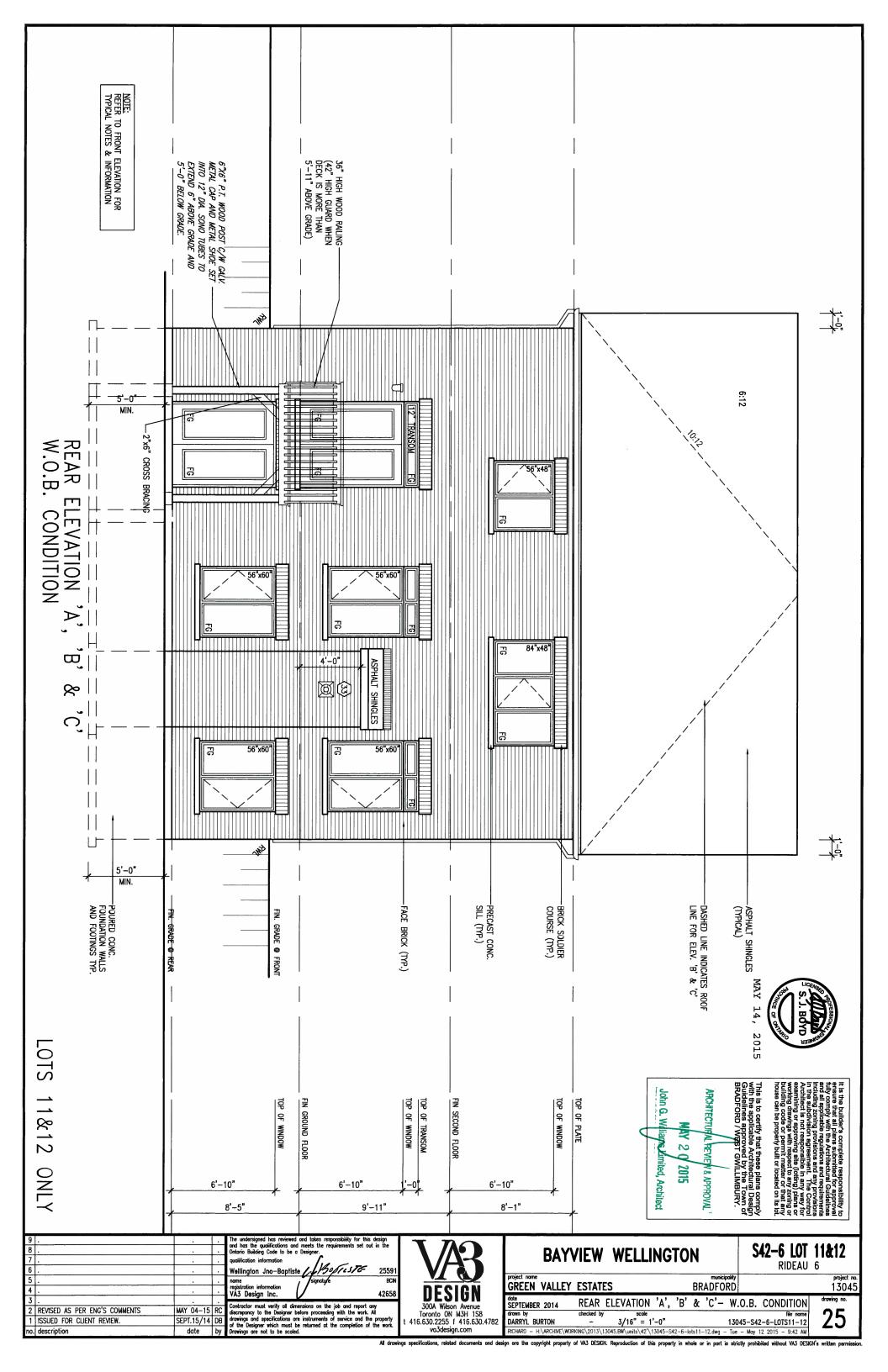
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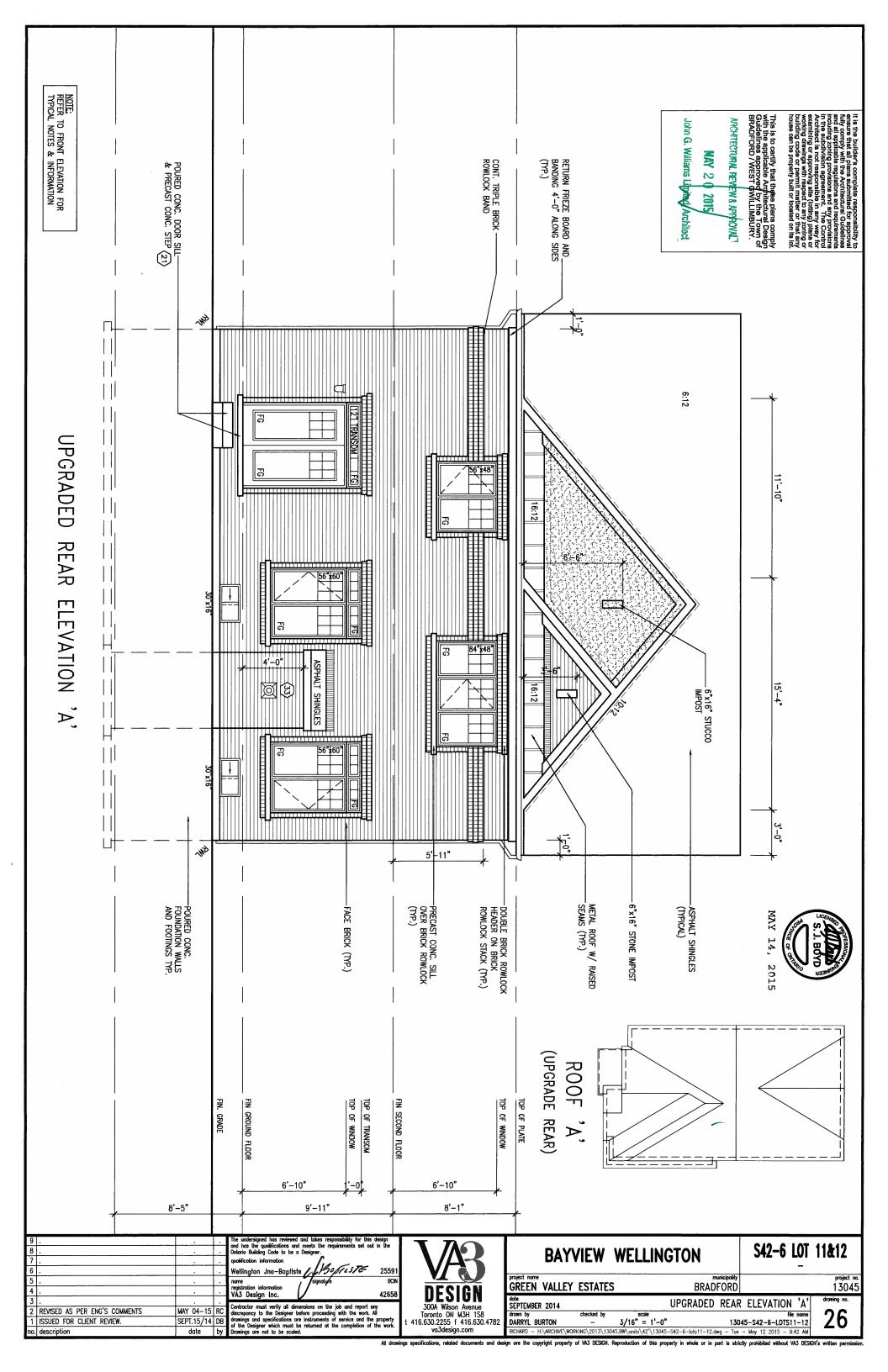
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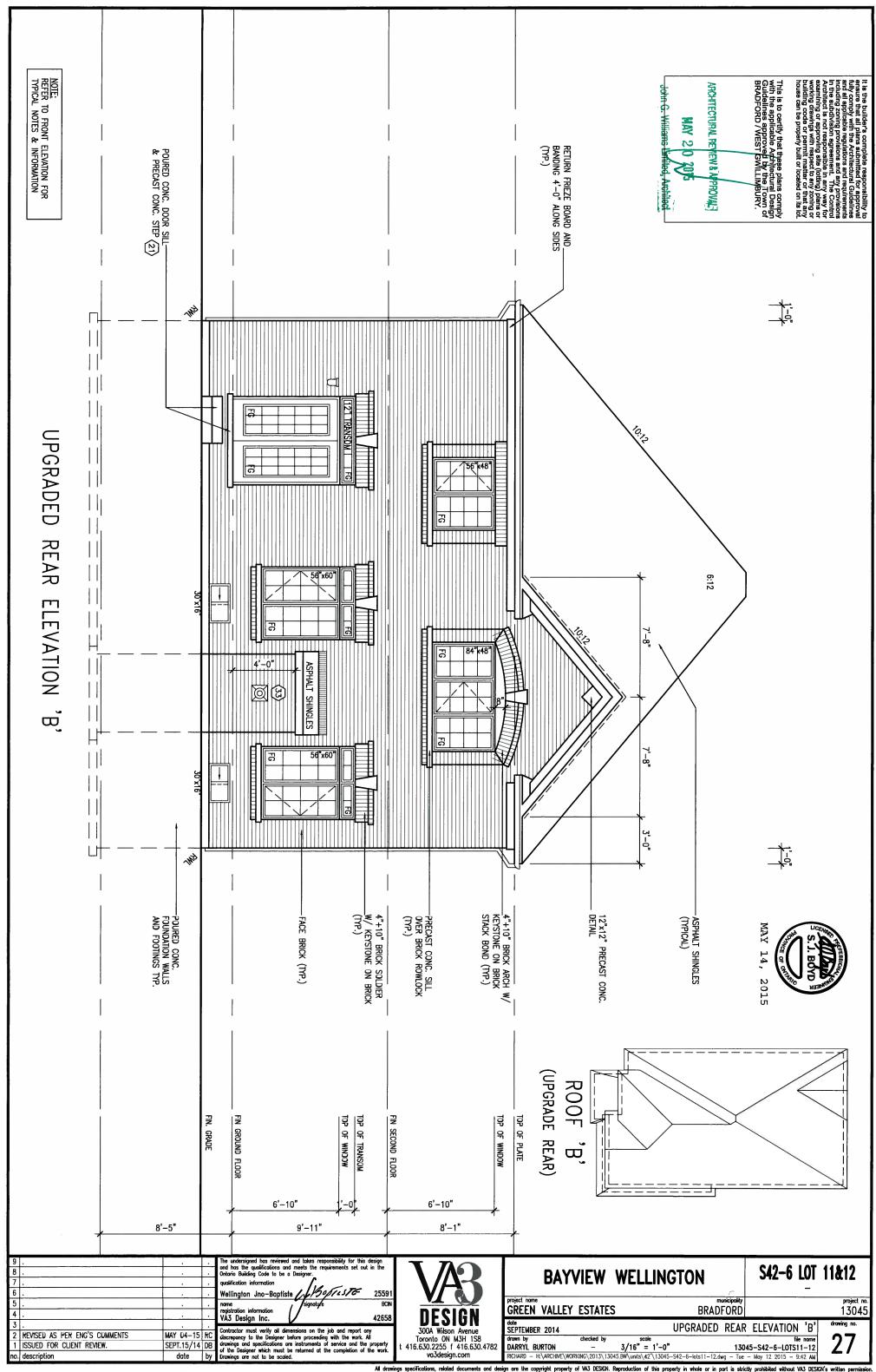
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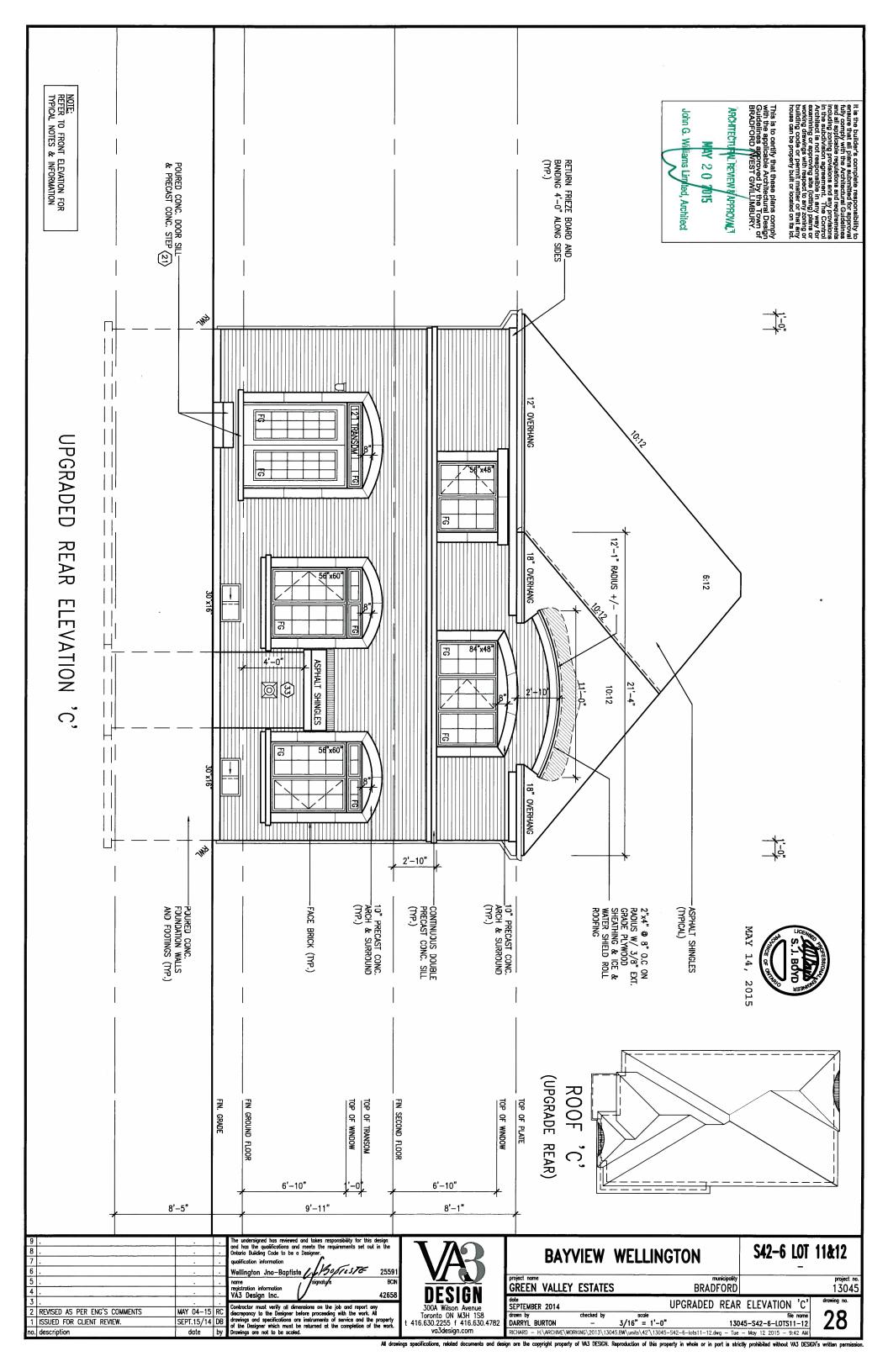


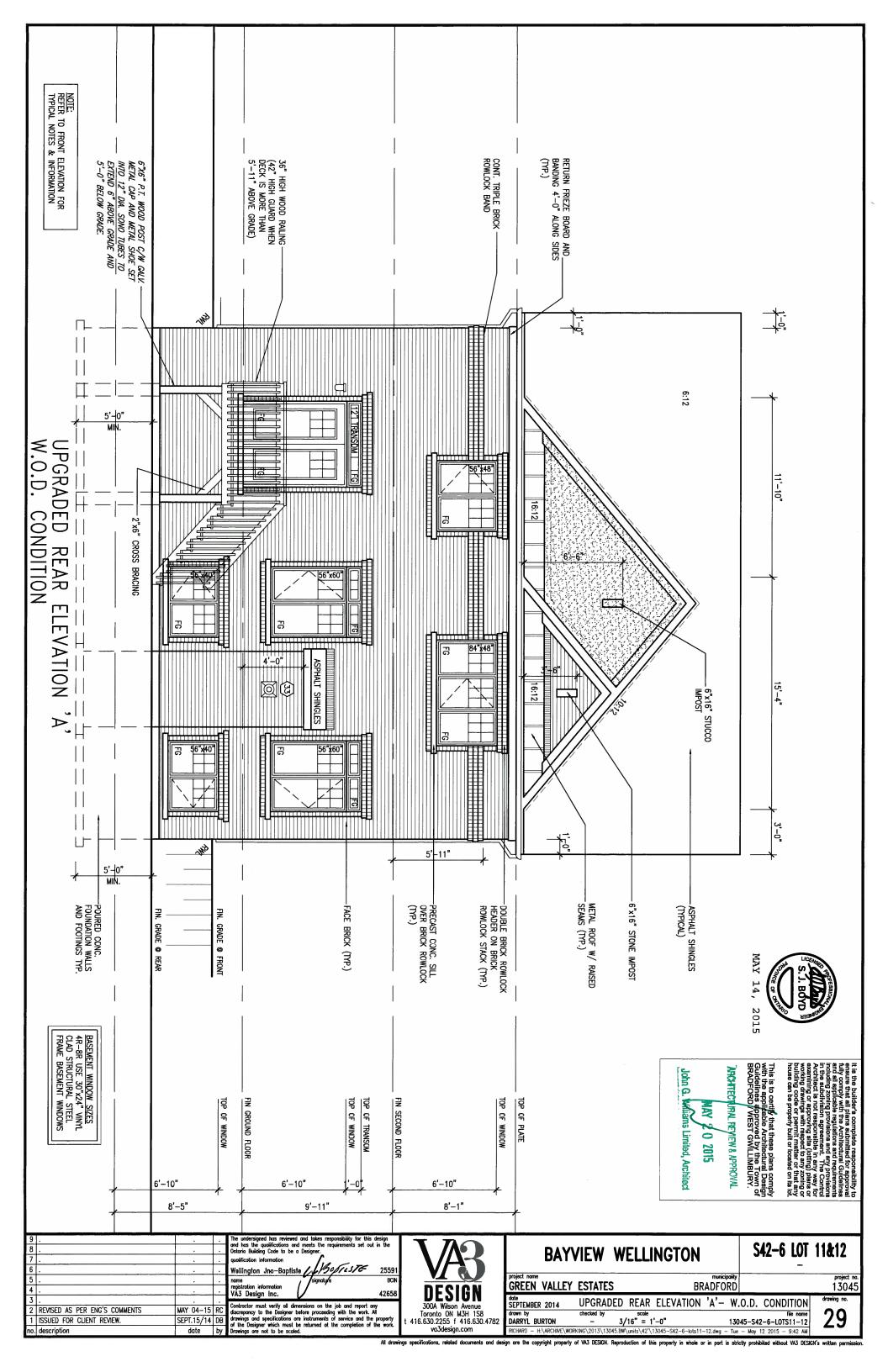


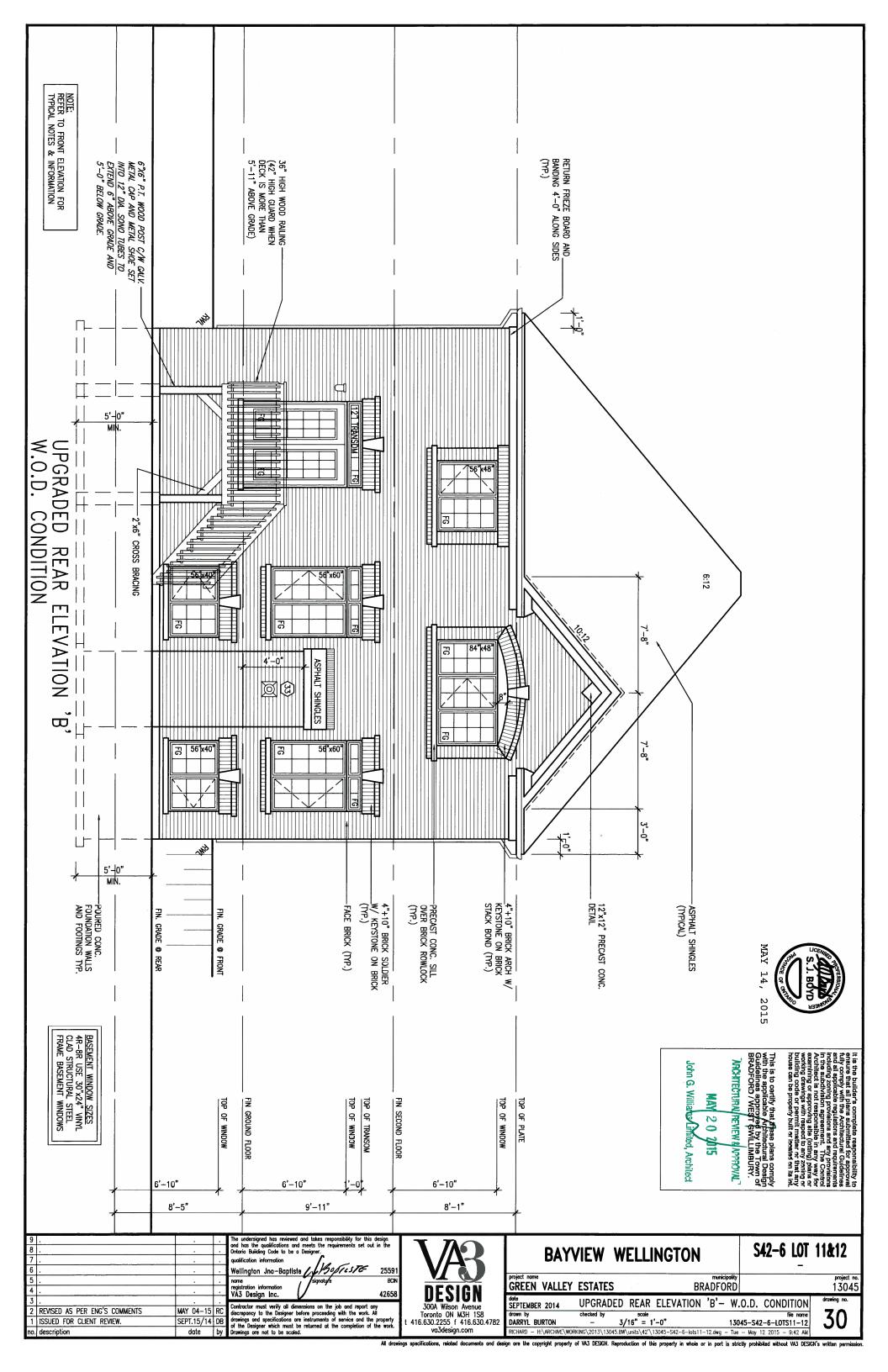


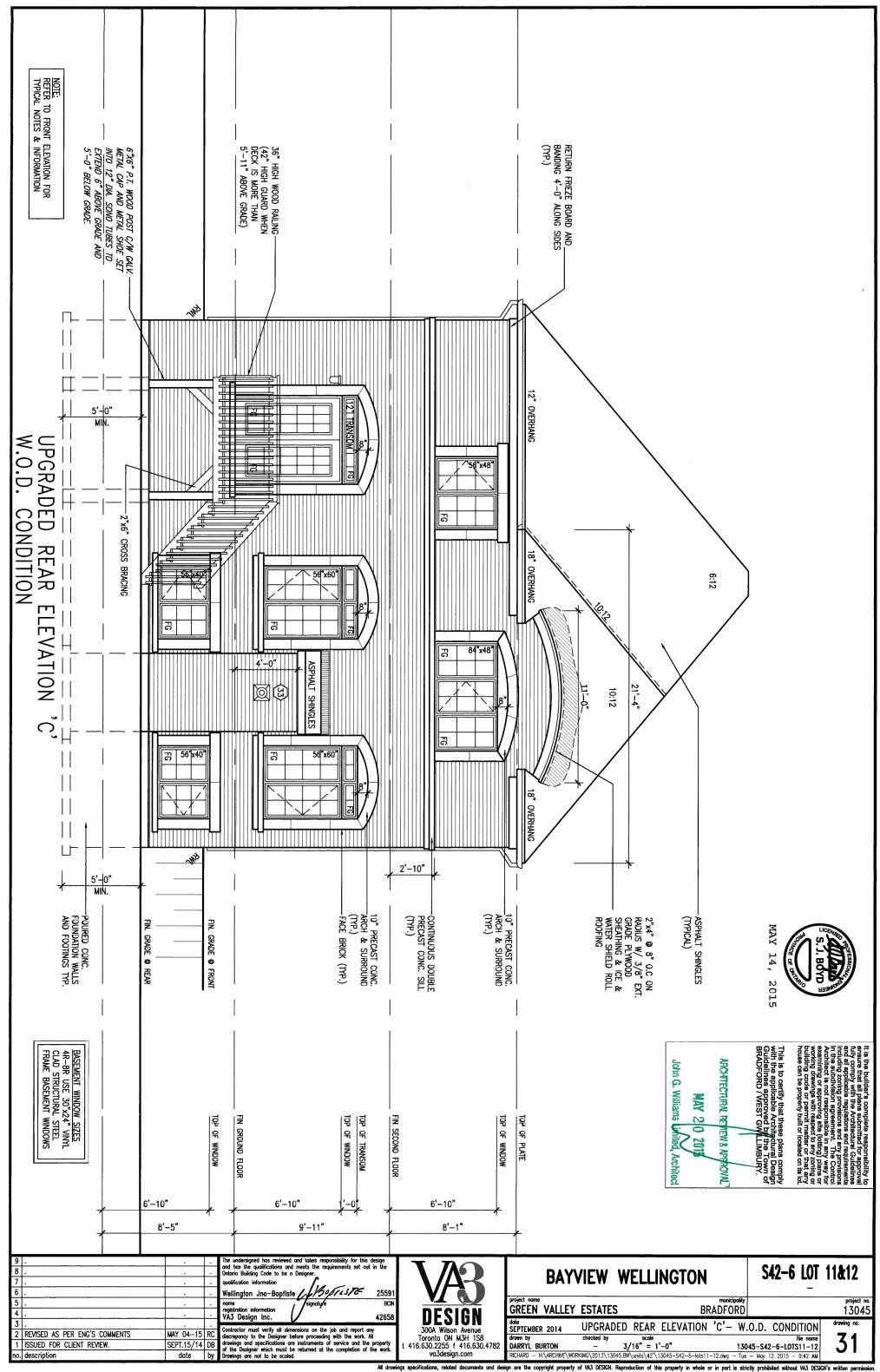


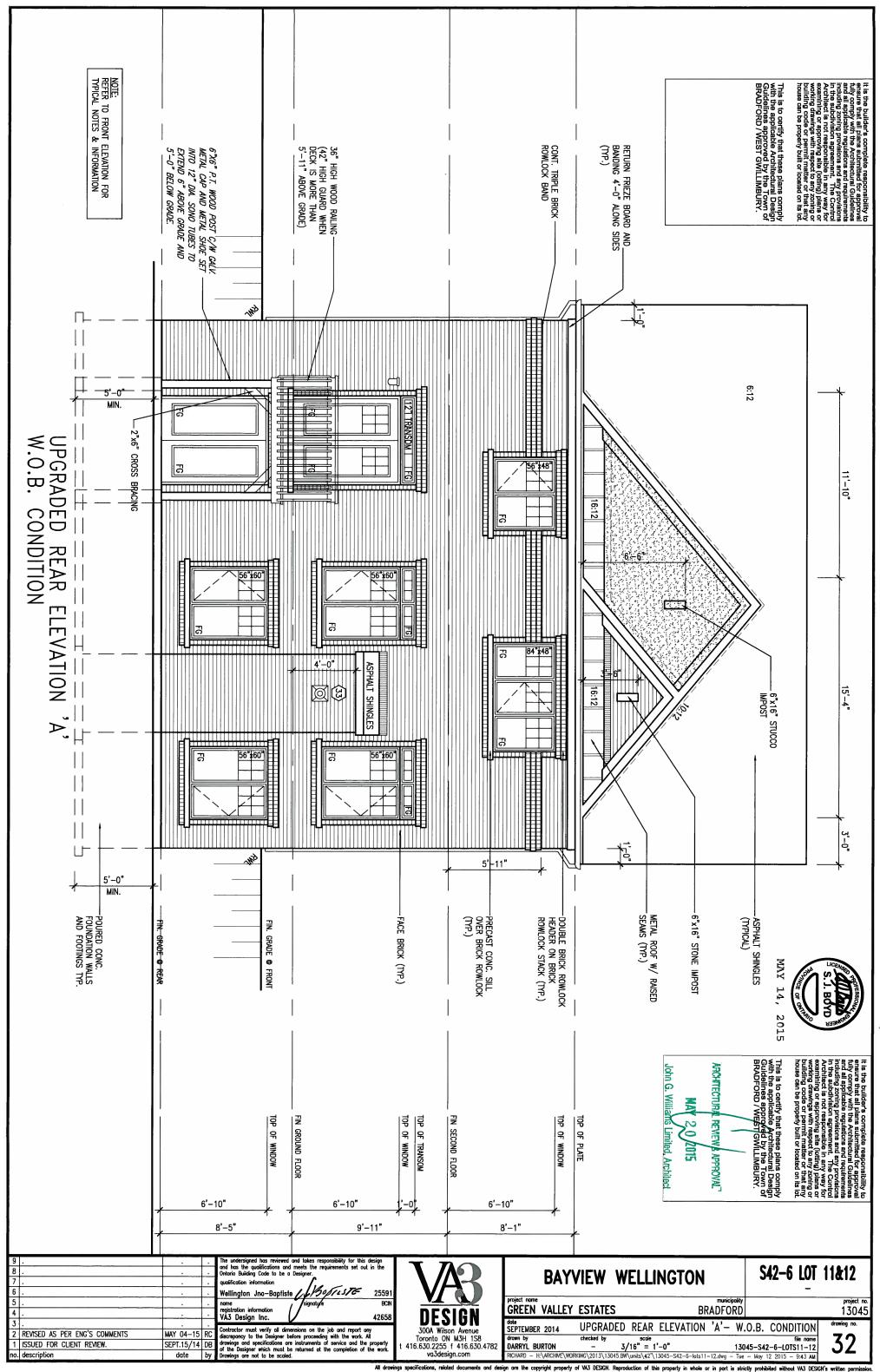


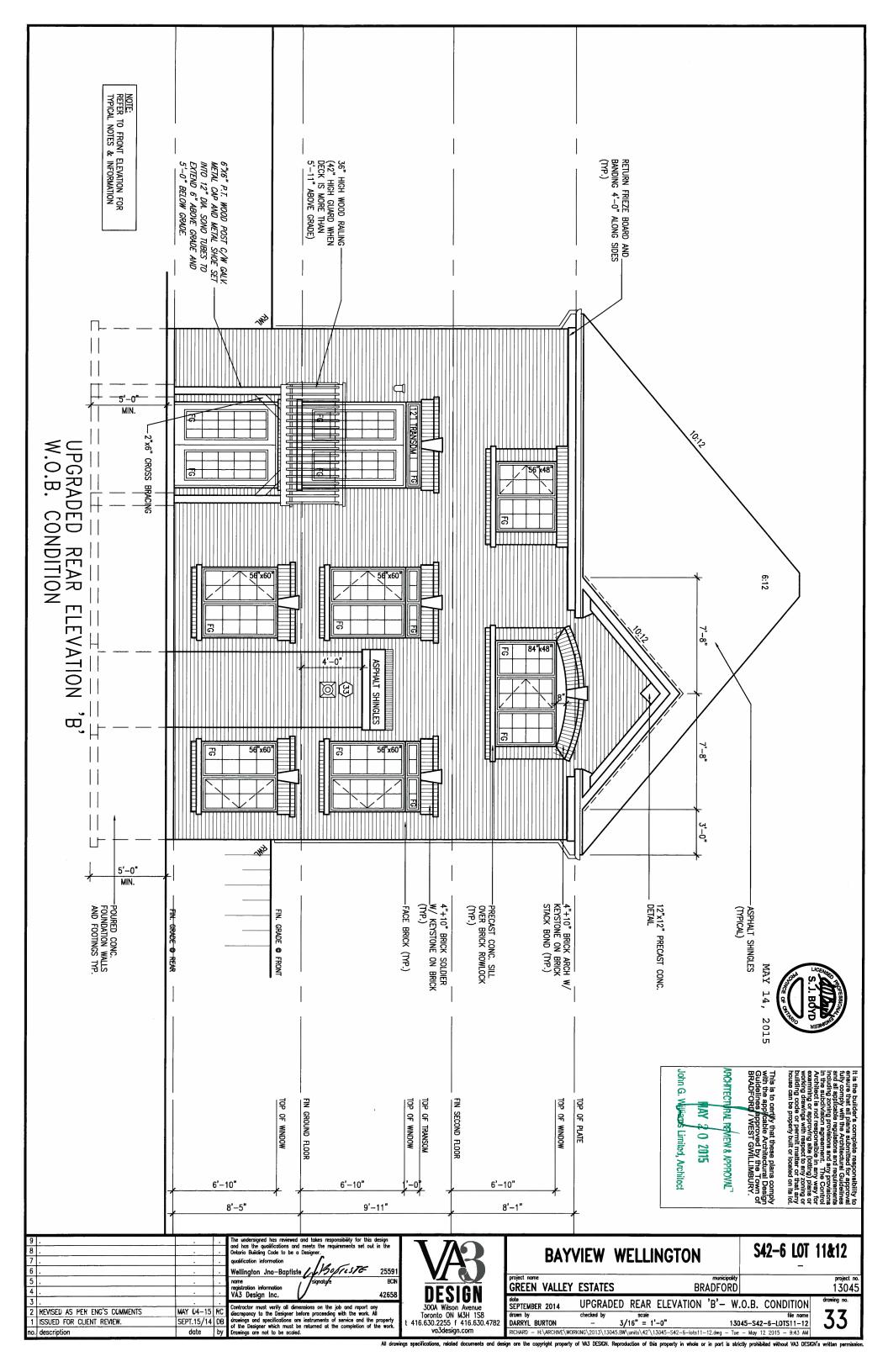


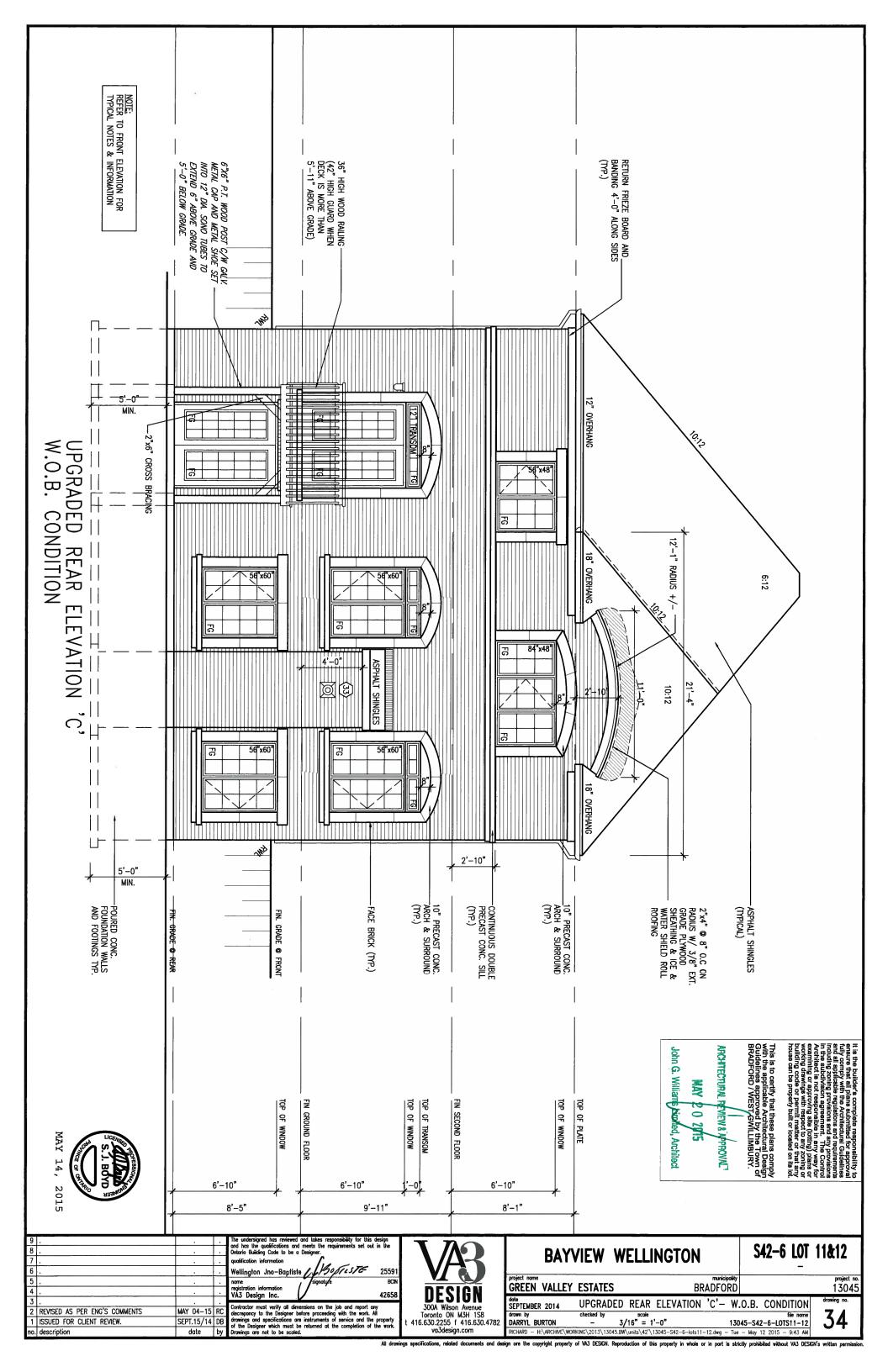












CONSTRUCTION NOTES (Unless otherwise noted) ALL CONSTRUCTION TO ADHERE TO THESE PLANS AND SPEC'S AND TO CONFORM TO THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. THESE REQUIREMENTS ARE TO BE TAKEN AS MINIMUM SPECIFICATIONS. ONT. REG. 332/12-2012 OBC ROOF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

(3'-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) 38:489 (2'x4") TRUSS BRACING @ 1830mm (6'-0") O.C. AT BOTTOM CHORD, PREFIN, ALUM. 1830mm (6-07) O.C. AI BOTTOM CHORD. PREHN, ALUM.
EAVESTROUGH, FASCIA, RPM, & 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 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,
CONTINI, 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
CRADE BEER TO ORGE B1 21 TABLE 21.1.2 A E-OD BECVIDED. GRADE, REFER TO OBC 5B-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, 38x140 (2½6") STUDS @ 400mm (16") C.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/MOISTURE BARRIER ON 13mm (1/2") EXT. TYPE SHEATHING ON

38x89 [22x4") STUDIS @ 400 (16") O.C.. STUCCO TO BE MIN. 200 (8")

AROVE FINISH CRADE ABOVÉ FINISH GRADE.

WALLS ADJACENT TO ATTIC SPACE — NO CLADDING 9.5mm (3/6") EXT. TYPE SHEATHING, 38x140 (2"x6") STUDS @ 400mm (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. RE 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
(7/8"x2"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL
600mm (24") O.C. VERTICAL. APPROVED SHEATHING PAPER, 9.5mm
(3/8") EXT. TYPE SHEATHING, 38x140 (2"x6") STUDS @ 400mm (16")
O.C., INSULATION 8. APPR. VAPOUR BARRIER WITH APPR. CONTIN. ARI BARRIER. 13mm (1/2") INTERIOR DRYWALL FINISH. PROVIDE WEEP HOLES @ 80mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (4") 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 YENEER 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 (1/6") EXT. STRUCT. INSULATED SHEATHING RSI 0.7 (R4) BY "BP" OR EQUAL, 38x140 (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, 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. DIAGGONAL WALL BRACING.
PROVIDE WEEP HOLES @ 800mm (3/2") O.C. BOTTOM COURSE AND
OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6")
BEHIND BUILDING PAPER.

BRICK TO BE MIN. 150mm (6") ARCIVE FINISH GRADE BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.

STUCCO WALL CONSTRUCTION (2°86°).

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"x:6") 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.

INTERIOR STUD PARTITIONS
FOR BEARING PARTITIONS 38x89 (2"x4") @ 400mm (16") O.C. FOR 2 STOREYS AND 300mm (127) C.C. FCR 3 STOREYS, NON-BEARING
PARTITIONS 38x89 (27x4") @ 600mm (24") C.C. PROVIDE 38x89 (27x4")
BOTTOM PLATE AND 2/38x89 (2/2"x4") TOP PLATE. 13mm (1/2") INT.
DRYWALL BOTH SIDES OF STUDS, PROVIDE 38x140 (2"x6") STUDS/PLATES WHERE NOTED.

FOUNDATION WALL/FOOTINGS: (9.15.3. 9.15.4. 9.13.2. 9.14.2.1.(2))
200mm (8") POURED CONC. FDTN. WALL 15MPa (2200ps) WITH
BITUMENOUS DAMPPROOFING AND DRAINAGE LAYER. DRAINAGE
LAYER REG?D. WHEN BASEMENT INSUL EXTENDS 900 (2\*11") BELOW
FIN. GRADE. DRAINAGE LAYER IS NOT REQ"D. WHEN FDTN. WALL IS
WATERPROOFED. MAXIMUM POUR HEIGHT 2390 (7\*10") ON 500x155 (20°%2") CONTINUOUS KEYED CONC. FTG. BRACE FOITN, 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

STOREYS SUPPORTED W/ MASONRY VENEER W/ SIDING ONLY 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 -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 2 STOREY WITH WALK-OUT BASEMENT 545x175 (22"x7")

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

BASEMENT SLAB OBC. 9.3.1.6.(1)(b). 9.16.4.5.(1). 9.25.3.3.(15)
80mm (3")MIN. 25MPG (3600psi) CONC. SLAB ON 100mm (4")
COARSE GRANULAR FILL, OR 20MPa. (3000psi) CONC. WITH DAMPPROOFING RELOW SLAB, LINDER SLAB INSULATION PER SR-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

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 HINSH OR APPROVED EQUAL. RSI
3.52 (R20) MIN. ABOVE INNER SURFACE OF EXTERIOR WALL

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

= 200 (7-7/8") = 210 (8-1/4") = 235 (9-1/4") MAX. RISE MIN. RUN MIN. TREAD MAX. NOSING = 25 (1") = 1950 (6'-5") MIN. HEADROOM

MIN. AVG. RUN

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

= 150 (6") = 200 (8") 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'-1 1") MWN. HIGH EXTERIOR GUARDS — OBC. 9.8.8. 900mm (34") 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").

<u>SILL\_PLATE - OBC. 9.23.7.</u> 38x89 (2"x4") SILL 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 FOTN. WALL. USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED.

BASEMENT INSULATION (S8-12-2.1.1.6), 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 INSULATED FROM THE UNDERSIDE OF THE SUBFLOOK 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 FOTN, WALL WITH CAULKING.

BEARING STUD PARTITION
38x89 (27x4") STUDS @ 400mm (16") O.C. 38x89 (27x4") STUDS @ 400mm (16") O.C. 38x89 (27x4") STUDS @ 400mm (16") O.C. 38x89 (27x4") STUL 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 (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/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 A

PRESSURE OF 150 KDA MUNIMALIMA DILL CAPABLE OF SUSTAINING A PRESSURE OF 150 Kpg. MINIMUM AND AS PER SOILS REPORT.

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

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.

(16) 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.

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 (1/2") 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 250r (9-1/2"). SEE OBC. 9.8.9.2., 9.8.9.3. & 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 (OBC-9.19.2.1. & SB12-2.1.1.7)
ATTIC ACCESS HATCH WITH MIN. DIMENSION OF 545x610mm (2) 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.

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

(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 ps) 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 FUNNACE/ 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 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 OBC 9.30.2.\*)

FLOOR JOISTS WITH SPANS OVER 2100mm (6'-11") TO BE BRIDGED WITH 38x36 (2\*x2") CROSS BRACING OR SOLID BLOCKING @ 2100mm (6-11") O.C. MAX. AND WHERE SPECIFIED BY JOIST TABLES A-1 OR A-2 STRAPPING SHALL BE 19x64 (1\*x3") @ 2100mm (6-11") O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED. (\* SEE OBC 9.23.9.4. \*)

EXPOSED BUILDING FACE OBC. 9.10.15. & SB-2-2.3.5.(2) EXTERIOR WALLS TO HAVE A FIRE RESISTANCE RATING OF 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 7/6") O.C. EACH WAY IN BOTTOM THIRD OF SLAB, MIN. 30mm (1 1/4") COVER, 600x600 (23 5/8"x23 5/8") 10M DOWELS @ 600mm (23 5/8") O.C., ANCHORED IN PERIMETER FDTN. WALLS. SLOPE SLAB MIN. 1.0% FROM HOUSE WALL, SLAB TO HAVE MIN. 75mm (3") BEARING ON FDIN. WALLS. PROVIDE (L7) LINTEL OVER CELLAR DOOR WITH 100mm (4") END BEARING.

17-17 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. CONVENTIONAL ROOF FRAMING (2.0Kpg. SNOW LOAD)

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 (1 O.C. FOR MAX. 2830mm (9'-3") SPAN & 38x140 (2'x6") @ 400 (16") O.C. FOR MAX. 4450mm (14"-7") SPAN.
RAFTERS FOR BUILT-UP ROOF TO BE 38x89 (2"x4") @ 600mm (24")
O.C. WITH A 38x89 (2"x4") CENTRE POST TO THE TRUSS BELOW, LATERALLY BRACED @ 1800mm (6'-0") O.C. VERTICALLY

**GENERAL NOTES** 

WINDOWS: 1) MINIMUM BEDROOM WINDOW --OBC. 9.9,10.1.AT LEAST ONE SECROOM WINDOW ON A GIVEN FLOOR IS TO
HAVE MIN. 0.35/20 LINOSETRICIED GLAZED OR OPENABLE
AREA WITH MIN. CLEAR WIDTH OF 380 mm (1'-3").

2) WINDOW GUARDS —OBC, 9.8.8.1.(6), A GUARD IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS LOCATED LESS THAN 480mm (1'-7") ABOVE FIN, FLOOR AND THE DISTANCE FROM THE FIN, FLOOR TO THE ADJACENT GRADE IS GREATER THAN 1800mm (5'-11")

3) EXTERIOR WINDOWS
SHALL COMPLY WITH OBC DIV.-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. ALL DOWNSPOUTS TO DRAIN AWAY FROM THE BUILDING AS PER OBC 9.26.18.2. & 5.6.2.2.(3) AND MUNICIPAL STANDARDS.

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

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
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.
ALL EXTERIOR DOORS TO COMPLY WITH THERMAL RESISTANCE
AS STATED IN O.B.C. SB-1-22.1.1.9.

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

2) 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 (LV.L.) BEAMS, GREDER
TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTING
ROOF FRAMING TO BE DESIGNED & CERTIFIED BY TRUSS
MANUFACTURER.

MANUFACTURER.

LVL BEAMS SHALL BE 2.0E -2950Fb MIN., NAIL EACH PLY OF LVL
WITH 89mm (3 1/2") LONG COMMON WIRE NAILS @ 300mm (7
1/2") O.C. STAGGERED IN 2 ROWS FOR 184, 240 & 300mm (7
1/4") 9 1/2", 11 7/8") DEPTIS AND STAGGERED IN 3 ROWS FOR
GREATER DEPTHS AND FOR 4 PLY MEMBERS ADD 13mm (1/2")
DIA. GALVANIZED BOLTS BOLTED AT MID-DEPTH OF BEAM @
915mm (3"0") O.C.
PROVIDE FACE MOUNT BEAM HANGERS TYPE "SCL"
MANUFACTURED BY SIMPSON STRONG-TIE OR EQUAL
FOR ALL LYL BEAM TO BEAM CONNECTIONS UNLESS
OTHERWISE NOTED. REFER TO ENG. FLOOR LAYOUTS.
LOST HANGERS: PROVIDE METAL HANGERS FOR ALL LOSTS.

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. WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATIVE, IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONCRETE BY AT LEAST 2 mil. POLYETHYLENE FILM, No. 50 (45fbs.), ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 150mm (6") ABOVE THE GROUND.

STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-G40-21

GRADE 300W. HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO CSA-G40.21 GRADE 350W "STRUCTURAL QUALITY STEEL". OBC. B-9.23.4.3. REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R.

STUCCO: 1) 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.

**LEGEND** EXHAUST FAN TO EXTERIOR 0 CLASS 'B' VENT DUPLEX OUTLET (HEIGHT A.F.F) DUPLEX OUTLET (12" ABOVE SURFACE) GFI DUPLEX OUTLET (HEIGHT A.F.F)

WEATHERPROOF DUPLEX OUTLET POT LIGHT LIGHT FIXTURE (PULL CHAIN) Д%

• HEAVY DUTY OUTLET (220 voit) LIGHT FIXTURE (CEILING MOUNTED) SWITCH LIGHT FIXTURE (WALL MOUNTED) HOSE BIB (NON-FREEZE)

FLOOR DRAIN DJ DOUBLE JOIST TRIPLE JOIST TJ LVL LAMINATED VENEER LUMBER

POINT LOAD FROM ABOVE

PRESSURE TREATED LUMBER

GIRDER TRUSS
BY ROOF TRUSS MANUF.

F.A. FLAT ARCH Ľ.A. I CURVED ARCH

M.C. MEDICINE CABINET (RECESSED) CONC. BLOCK WALL

XXXXXX 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 BIRLIN DIANC PERMIT HAS BEEN ISSUED. AFTER BUILDING PERMIT HAS BEEN ISSUED.

**GREEN VALLEY ESTATES** 

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) (7W 9.6 (3/8") THICK EXT. PLYWOOD SHEATHING. PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS PROVIDE SCILLD WOOD BLOCKING BEINFERN WOOD STUD:

® 1220 mm (4-0") O.C. VERITCALLY. -FOR WALLS WITH
HORIZ. DISTANCES NOT EXCEEDING 2900 mm (9'-6"),
PROVIDE 38x140 (2'%6") 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 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.

42) 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 ♦ REVISED Amendment 0. Reg. 368/13 NOV. 13, 2014 WOOD LINTELS AND BUILT-UP WOOD BEAMS 2/38 x 184 (2/2" x 8") SPR.#2 3/38 x 184 (3/2" x 8") SPR.#2 4/38 x 184 (4/2" x 8") SPR.#2 5/38 x 184 (5/2" x 8") SPR,#2 2/38 x 235 (2/2" x 10") SPR.#2 3/38 x 235 (3/2" x 10") SPR.#2 4/38 x 235 (4/2" x 10") SPR.#2 **B3** 2/38 x 286 (2/2" x 12") SPR.#2 3/38 x 286 (3/2" x 12") SPR.#2 4/38 x 286 (4/2" x 12") SPR.#2 В6

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)
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)
LVL5 3-1 3/4"x9 1/2" (3-45x240)
LVL5 3-1 3/4"x9 1/2" (3-45x240)
LVL5 4-1 3/4"x9 1/2" (4-45x240)
LVL5 4-1 3/4"x9 1/2" (4-45x240)
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)

DOOR SCHEDULE

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

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

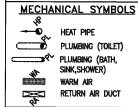
915 x 2030 x 45 (3'-0" x 6'-8" x 1-3/4") NISULATED MIN. RSI 0.7 (R4) 915 x 2335 x 45 (3'-0" x 7'-8" x 1-3/4") NISULATED MIN. RSI 0.7 (R4) (1B) DOOR **EXTERIOR** (1C) DOOR **FXTERIOR** 

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

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

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

610 x 2030 x 35 (2'-0" x 6'-8" x 1-3/8") INTERIOR DOOR (4.) INTERIOR (4A) DOOR INTERIOR DOOR 460 x 2030 x 35 (1'-6" x 6'-8" x 1-3/8") (5.)



MAY 14, 2015 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 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 UNII, A CARSON MONOXIDE 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

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

2014 VAS REFERENCE NUMBER

**CONST NOTE** 

13045

BRADFORD CONSTRUCTION NOTES

APR 2014 drawn by RC  $3/16^{m} = 1'-0^{m}$ 13045-CONST-0BC 2015 - H:\ARCHIVE\WORKING\2013\13045.BW\units\13045-CONST-OBC 2015.dwg - Apr 16 2015 - 6:54 AM

2 UPDATE TO CODE APR 16-15 RC ISSUE FOR CLIENT REVIEW MAY 07-14 RC

no. description

by

25591 Wellington Jno-Baptiste BCI

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. Drowings are not to be scaled

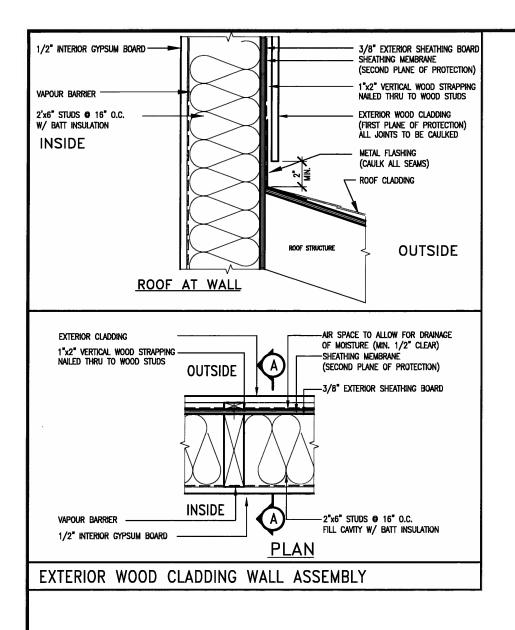


416.630.2255 f 416.630.4782 va3design.com

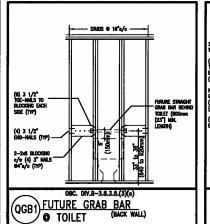
**BAYVIEW WELLINGTON** 

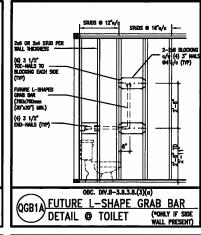
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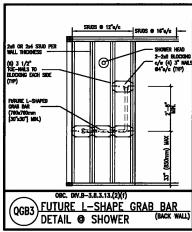
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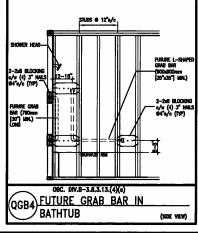


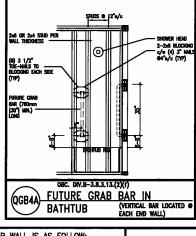


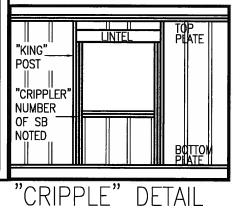












MAX. HEIGHT FOR 2"x4" GARAGE WALL IS AS FOLLOW:
2"x4" ⊕ 16" O.C. - 9-10"
2-2"x4" ⊕ 12" O.C. - 10'-9"
3-2"x4" ⊕ 16" O.C. - 11'-2"
3-2"x4" ⊕ 12" O.C. - 12'-4"

NOTES: 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.

JOST LENGTH OF 2.5m OF ONE FLOOR.

PROVIDE HORIZONTAL SOLID BLOCKING © 1200 O.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

STINING.

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

MAX. HEIGHT FOR 2"x8" EXTERIOR WALL IS AS FOLLOWS: 2"x8" ⊕ 16" O.C. — 16'-0" 2"x8" ⊕ 12" O.C. — 17'-9" 2-2"x8" ⊕ 16" O.C. — 20'-4" 2-2"x8" ⊕ 17" O.C. — 20'-4"

2-2"x8" 9 12" 0.C. - 22'-4"

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



MAY 14, 2015

13045-CONST-OBC 2015

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	description	date	hu	ı.

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. Wellington Ino-Baptiste / 180516576 25591 BCIN 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.

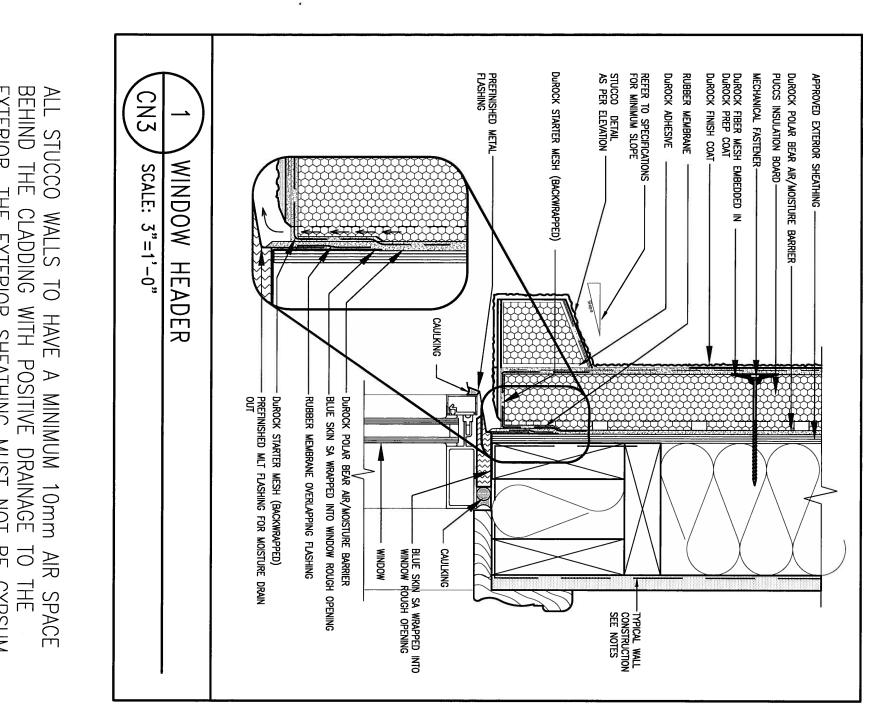


<b>BAYVIEW</b>	WELLINGTON
ome	

**CONST NOTE** 

13045

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



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

2 UPDATE TO CODE

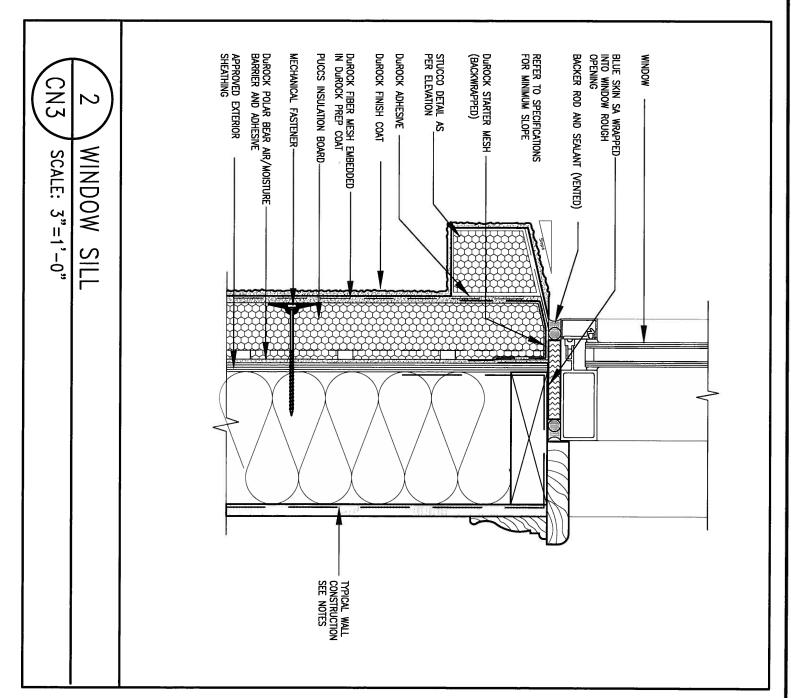
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1 ISSUE FOR CLIENT REVIEW

APR 16-15 RC

MAY 07-14 RC

date



**BAYVIEW WELLINGTON** 25591 project name
GREEN VALLEY ESTATES BRADFORD 13045 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. APR 2014 drawn by RC **CONSTRUCTION NOTES** 300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782 3/16" = 1'-0" file name 13045-CONST-OBC 2015 va3design.com RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\13045-CONST-OBC 2015.dwg - Thu - Apr 16 2015 - 6:57 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 writte

**CONST NOTE** 

DUROCK FIBRE MESH EMBEDDED IN DUROCK PREP COAT APPROVED EXTERIOR SHEATHING DUROCK STARTER MESH (BACKWRAPPED) MECHANICAL FASTENER 2 1/2" THICK PUCCS INSULATION BOARD DUROCK "POLAR BEAR"
AIR/MOISTURE BARRIER/ADHESIVE DUROCK FINISH COAT BEHIND THE CLADDING WITH POSITIVE DRAINAGE EXTERIOR. THE EXTERIOR SHEATHING MUST NOT BASED. ALL STUCCO TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS. CN4 ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE STUCCO TERMINATION SCALE: 3"=1'-0" 0 ROOF BE GYPSUM FLASHING

DUROCK FIBRE MESH EMBEDDED IN DUROCK PREP COAT BACKER ROD AND SEALANT (VENTED) PUCCS INSULATION BOARD DUROCK STARTER MESH (BACKWRAPPED) Fibre Mesh Tape at Joint DUROCK STARTER MESH (BACKWRAPPED) DUROCK FINISH COAT 2 1/2" THICK PUCCS INSULATION BOARD MECHANICAL FASTENER CN4 SCALE: 3"=1'-0" HORIZONTAL EXPANSION FIBRE MESH TAPE AT V
— JOINT
— DUROCK STARTER MESH
(BACKWRAPPED) -- DUROCK POLAR BEAR AIR/MOISTURE BARRIER/ADHESIVE APPROVED EXTERIOR SHEATHI J0 ଟ Z DUROCK "POLAR BEAR"
AIR/MOISTURE
BARRIER/ADHESIVE

2 UPDATE TO CODE 1 ISSUE FOR CLIENT REVIEW MAY 07-14 RC no. description date

DETAILS ARE BASED ON DUROCK PUCCS SYSTEM

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.

25591 BCIN VA3 Design Inc. 42658 Controctor 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 proof the Designer which must be returned at the completion of the Drawings are not to be scaled.

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**BAYVIEW WELLINGTON** 

**CONST NOTE** project no. 13045

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

13045-CONST-0BC 2015 Thu - Apr 16 2015 - 6:57 AM

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APPROVED EXTERIOR SHEATHING MECHANICAL FASTENER CN5 BEHIND THE CLADDING WITH POSITIVE DRAINAGE EXTERIOR. THE EXTERIOR SHEATHING MUST NOT BASED. ALL STUCCO TO BE INSTALLED AS PER ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE  $\mathcal{O}_{\mathbf{I}}$ CORNER DETAIL SCALE: 3"=1'-0" 4" MIN **≨**|₹ — DUROCK FIBRE MESH EMBEDDED IN DUROCK PREP COAT 2) THICK PUCCS INSULATION BOARD DUROCK FINISH COAT Durock "Polar Bear" AIR/MOISTURE BARRIER E TO THE

BACKER ROD AND SEALANT (VENTED) Durock Fiber Mesh EMBEDDED IN Durock PREP COAT FLASHING Durock Starter Mesh (Backwrapped) MECHANICAL FASTENER Durock Finish Coat PUCCS INSULATION BOARD Durock "Polar bear" AIR/MOISTURE BARRIER APPROVED EXTERIOR SHEATHING SCALE: 3"=1'-0" STUCC0 MASONRY PLINTH CONNECT TRANSITION MEMBRANE 6"
EXTEND MEMBRANE 6"
ABOVE AND BELOW
SILL ENSURE
TRANSITION MEMBRANE
IS OVER BUILDING
PAPER BUILDING PAPER 9

UPDATE TO CODE ISSUE FOR CLIENT REVIEW MAY 07-14 RC o. description date

DETAILS ARE BASED ON DUROCK PUCCS SYSTEM

MANUFACTURERS SPECIFICATIONS.

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Wellington Ino-Baptiste / BOSILSTE 25591 name registration information VA3 Design Inc. BCIN

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.

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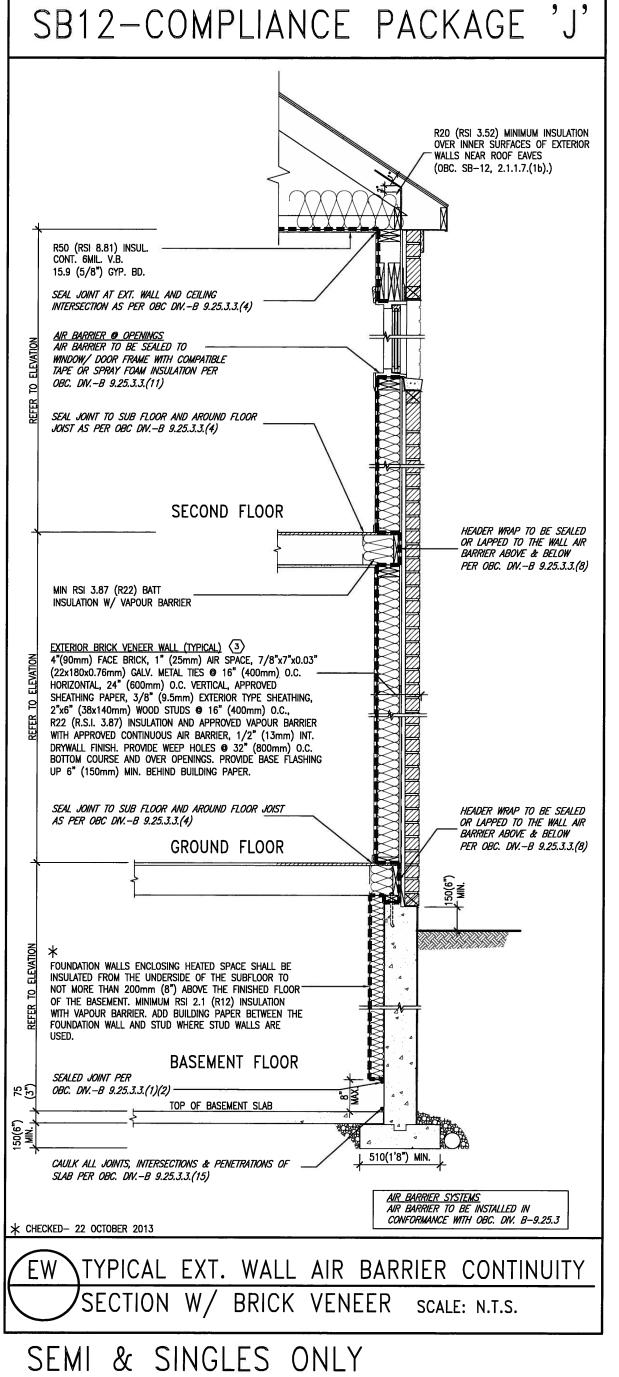
**CONST NOTE** 

- Thu - Apr 16 2015 - 6:57 AM

13045

BRADFORD **GREEN VALLEY ESTATES** APR 2014 drawn by RC CONSTRUCTION NOTES 3/16" = 1'-0" file nome 13045-CONST-OBC 2015

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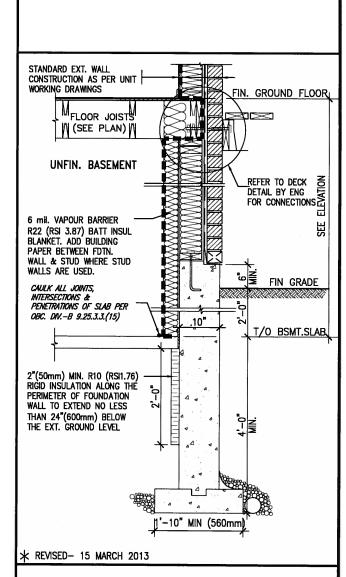


THE MINIMAL THERMAL PERFORMANCE OF BUILDING ENVELOPE AND EQUIPMENT SHALL CONFORM TO THE FOLLOWING SB-12 COMPLIANCE PACKAGE AS PER OBC SUPPLEMENTARY STANDARD SB-12, SECTION 2.1.1.1

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%	_		

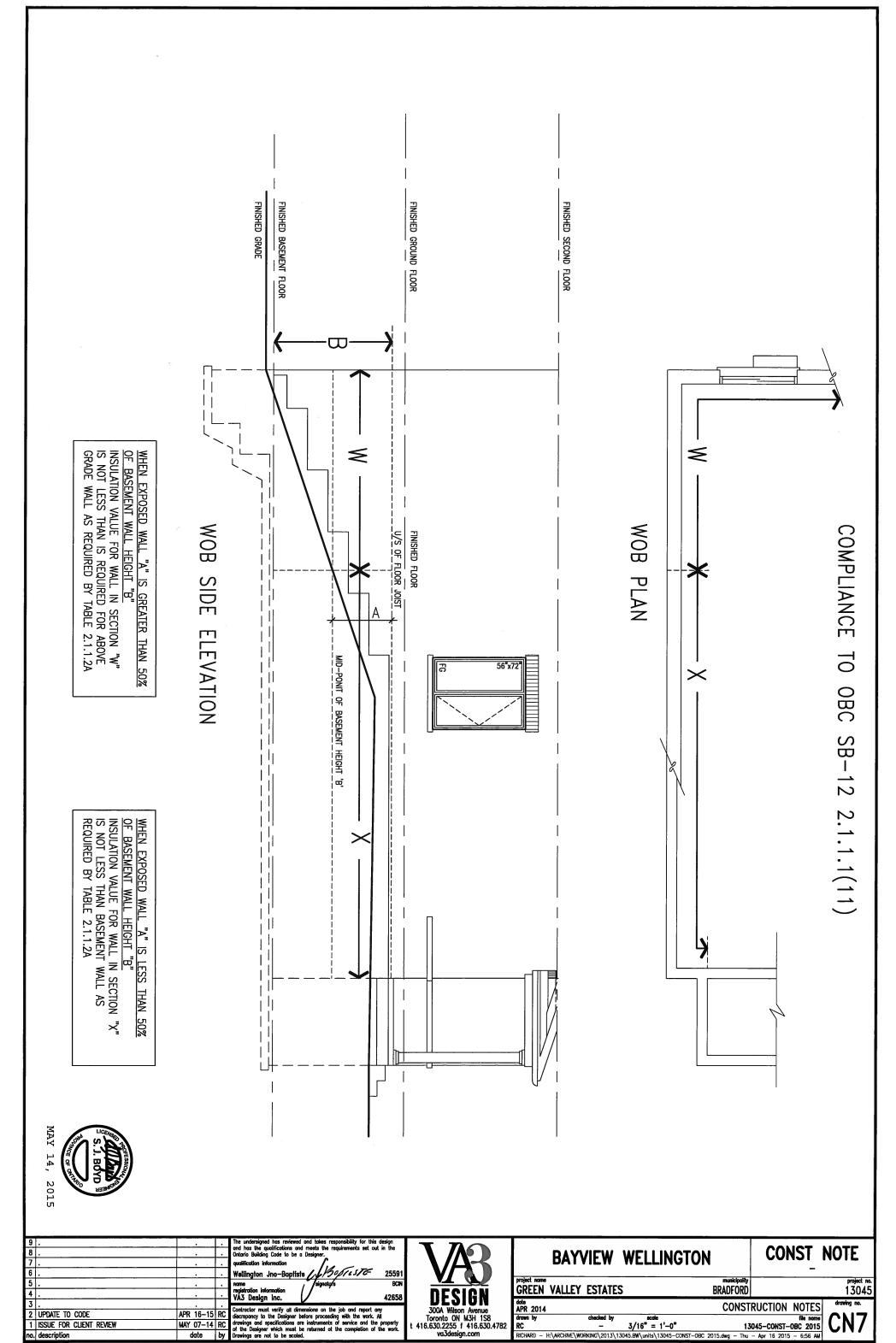


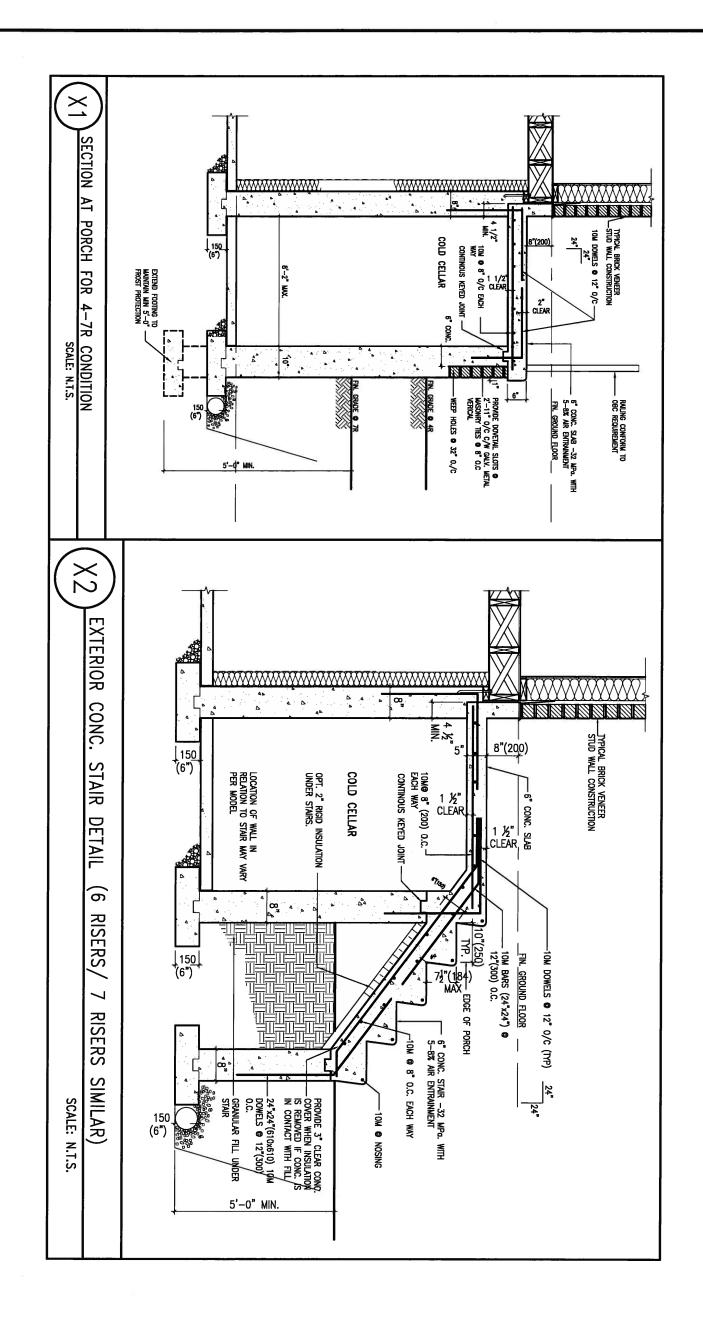
MAY 14, 2015



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

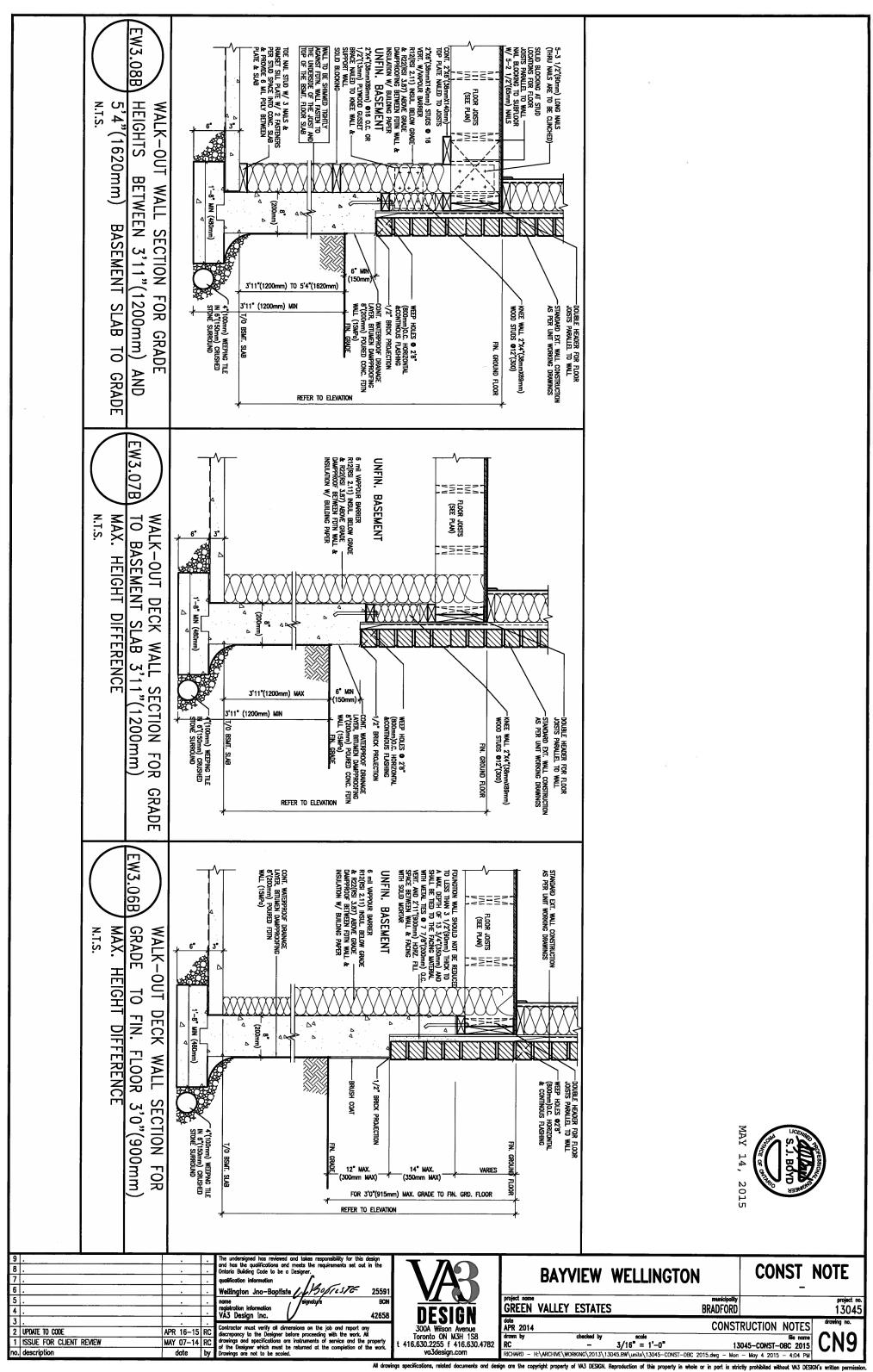
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5 . 4 . 7	<u> </u>	nome signature BCIN registration information VA3 Design Inc. 42658	DESIGN		PRADFORD 13045
2 UPDATE TO CODE 1 ISSUE FOR CLIENT REVIEW	MAY 07-14 RC	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work.	300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782	9,10	13045-CONST-OBC 2015
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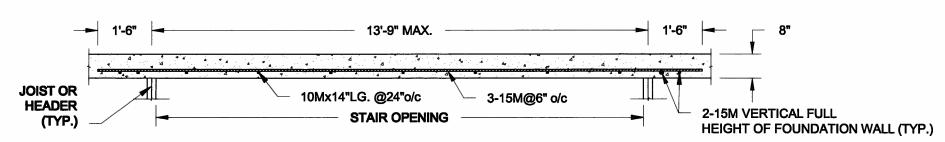




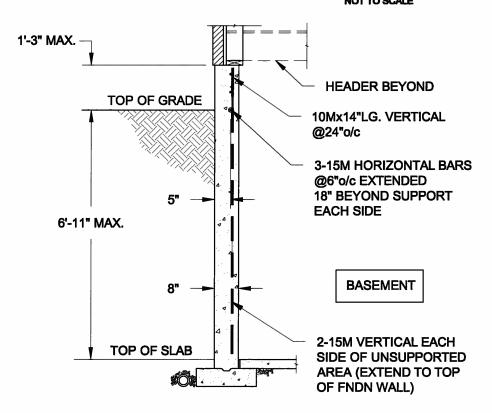


9 . 8 . 7 .		The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer, qualification information  Wettington Jno-Baptiste / John 12576 25591	VAR	BAYVIEW WELLINGTON	CONST_NOTE
5 . 4 .		Wellington Jno-Baptiste (1999/1-376- 25591 nome BCN registration information VAS Design Inc. 42658	DESIGN	PROJECT NOME PROJE	
2 UPDATE TO CODE 1 ISSUE FOR CLIENT REVIEW no. description	MAY 07-14 R	Controctor 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	APR 2014 CONS	RUCTION NOTES   File name   CN8   CN





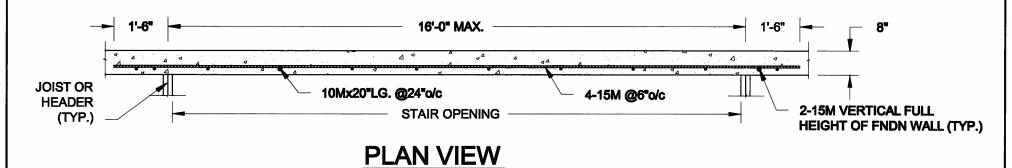
### PLAN VIEW NOT TO SCALE



#### 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"



### 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

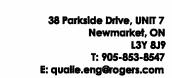
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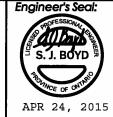
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SC

## QUAILE ENGINEERING LTD.





Project:
BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT BRADFORD, ONTARIO

TYPICAL STRUCTURAL DETAILS FOR SINGLES

Project No.: Drawing

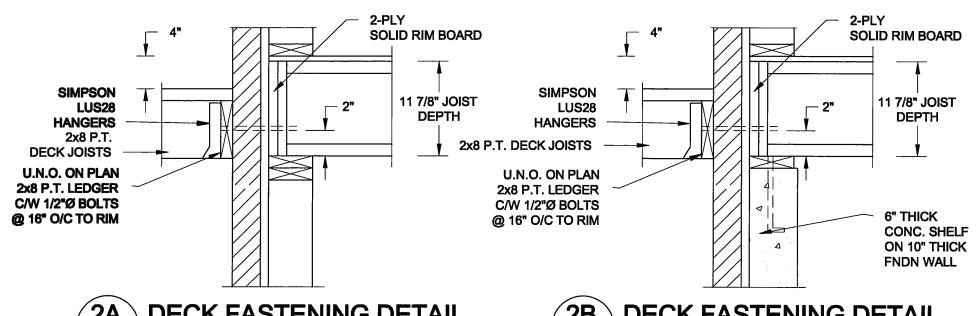
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#### FOR 9 1/2" JOIST DEPTH **SOLID RIM BOARD SOLID RIM BOARD** 9 1/2" 9 1/2" JOIST DEPTH JOIST DEPTH **SIMPSON** SIMPSON **LUS28** LUS28 **HANGERS HANGERS** 2x8 P.T. 2x8 P.T. DECK JOISTS **DECK JOISTS** U.N.O. ON PLAN **U.N.O. ON PLAN** 2x8 P.T. LEDGER 2x8 P.T. LEDGER C/W 1/2"Ø BOLTS 2-2x6 BLOCKING C/W 1/2"Ø BOLTS @ 16" O/C TO RIM **BETWEEN** @ 16" O/C TO RIM 6" THICK U.N.O. ON PLAN STUDS C/W 2-3 1/2" **CONC. SHELF** U.N.O. ON PLAN 2-2x8 P.T. LEDGER **END NAILS PER PLY** 2-2x8 P.T. LEDGER ON 10" FNDN c/w 1/2"ØX12" LONG c/w 1/2"Ø BOLTS WALL **HILTI ADHESIVE** @ 16" o/c ANCHORS @ 16" o/c **DECK FASTENING DETAIL DECK FASTENING DETAIL** SCALE: 1" = 1'-0" SCALE: 1" = 1'-0"

- 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.

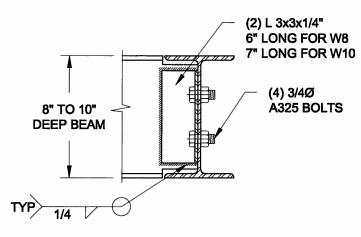
### FOR 11 7/8" JOIST DEPTH



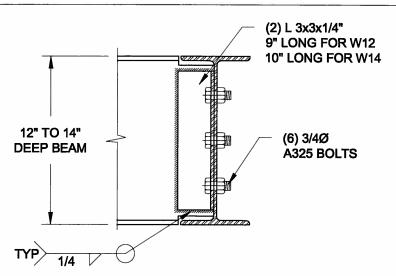
**DECK FASTENING DETAIL** SCALE: 1" = 1'-0"

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

- 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"

Scale: **AS NOTED** Date: FEB-26-2015 Drawn: Checked:

80

8.8

QUAILE ENGINEERING LTD.



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



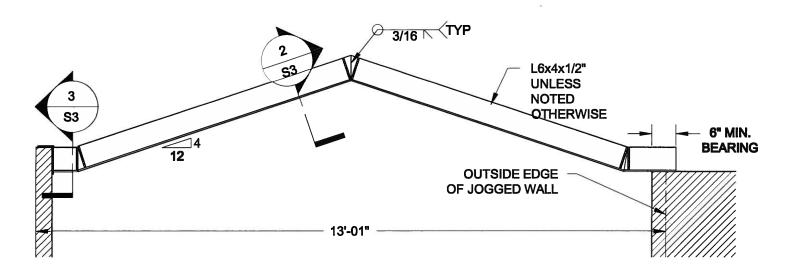
Project:

BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT **BRADFORD, ONTARIO** 

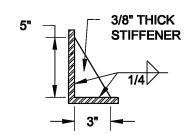
TYPICAL STRUCTURAL DETAILS FOR SINGLES

Project No.: Drawing No.: 14-095 **S2** 

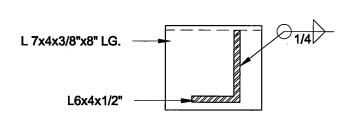
IC-08/2014/14-005 BAYVIEW WELLINGTON GREEN VALLEY SINGLES/14-085.dag



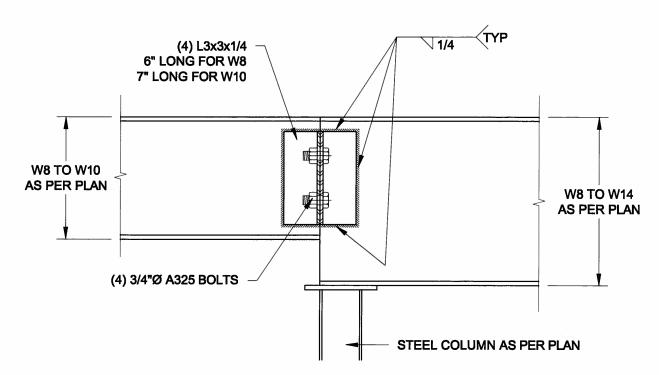
1 STEEL LINTEL AT GABLE
S3 SCALE: 1/2" = 1'-0"



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

PEB-28-2015

Drawn: Checked: SJB

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APR 24, 2015

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TYPICAL STRUCTURAL DETAILS FOR SINGLES

Project No.:

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Drawing No.:

**S**3