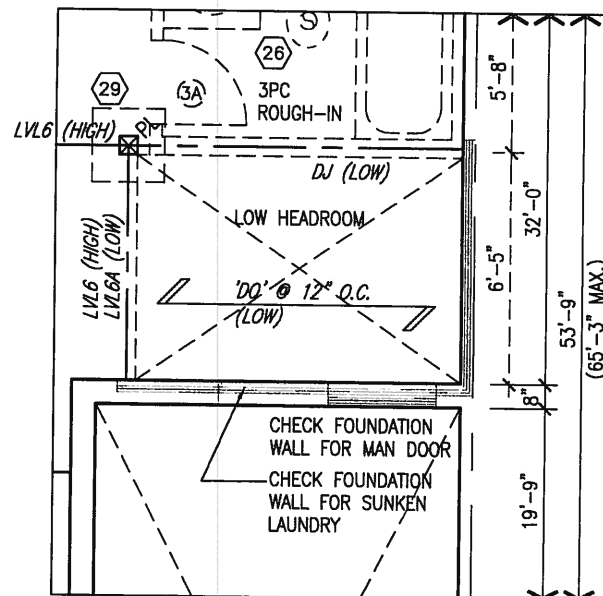
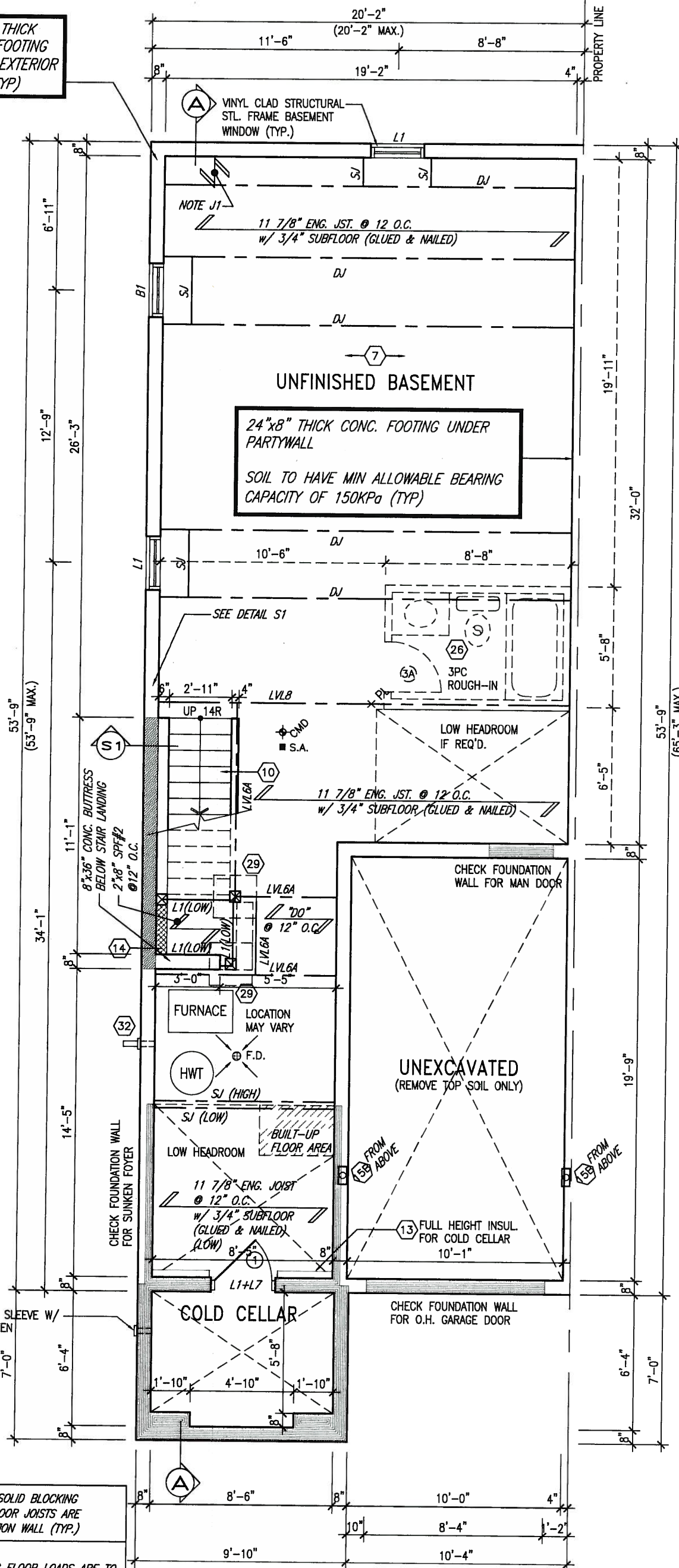


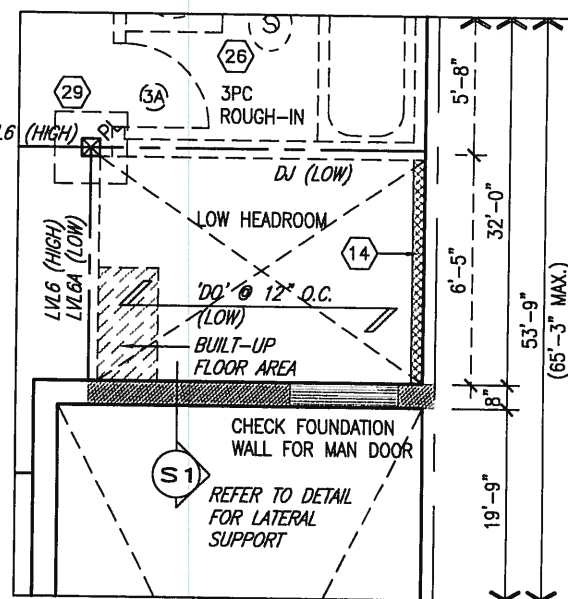
20"x6" THICK
CONC. FOOTING
UNDER EXTERIOR
WALL (TYP)



JULY 3, 2015



PARTIAL SUNKEN MUD
-1R



PARTIAL SUNKEN MUD
-2R TO -3R

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ARCHITECTURAL REVIEW & APPROVAL

JUL 09 2015

John G. Williams Limited, Architect

AREA CALCULATIONS	ELEV. A	ELEV. B
GROUND FLOOR AREA	871 SF	871 SF
SECOND FLOOR AREA	1039 SF	1050 SF
SUBTOTAL	1910 SF	1921 SF
DEDUCT ALL OPEN AREAS	10 SF	10 SF
TOTAL NET AREA	1900 SF (176.52 m ²)	1911 SF (177.54 m ²)
FINISHED BSMT AREA	XX SF	XX SF
COVERAGE W/OUT PORCH	1084 SF (100.71 m ²)	1084 SF (100.71 m ²)
COVERAGE W/ PORCH	1153 SF (107.12 m ²)	1153 SF (107.12 m ²)

NOTE J1: PROVIDE SOLID BLOCKING @ 24" O.C. WHERE FLOOR JOISTS ARE PARALLEL TO FOUNDATION WALL (TYP.)

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

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

BASEMENT PLAN 'A'

9				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.	
8				qualification information	
7				Wellington Jno-Baptiste	25591
6				name registration information	BCN
5	REV EXT. COLS	MAY 25-15	AF	VA3 Design Inc.	42658
4	ADD COLD CELLAR 5'-0" FROST PROTECTION	JUL 21-14	QS		
3	REVISED AS PER ENG COMMENTS	JUN 02-14	RC		
2	REVISED AS PER TRUSS COORDINATION	MAY 14-14	RC		
1	ISSUED FOR CLIENT REVIEW	MAY 07-14	RC		
no.	description	date	by	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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t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON

TH-6E
NAPA 6

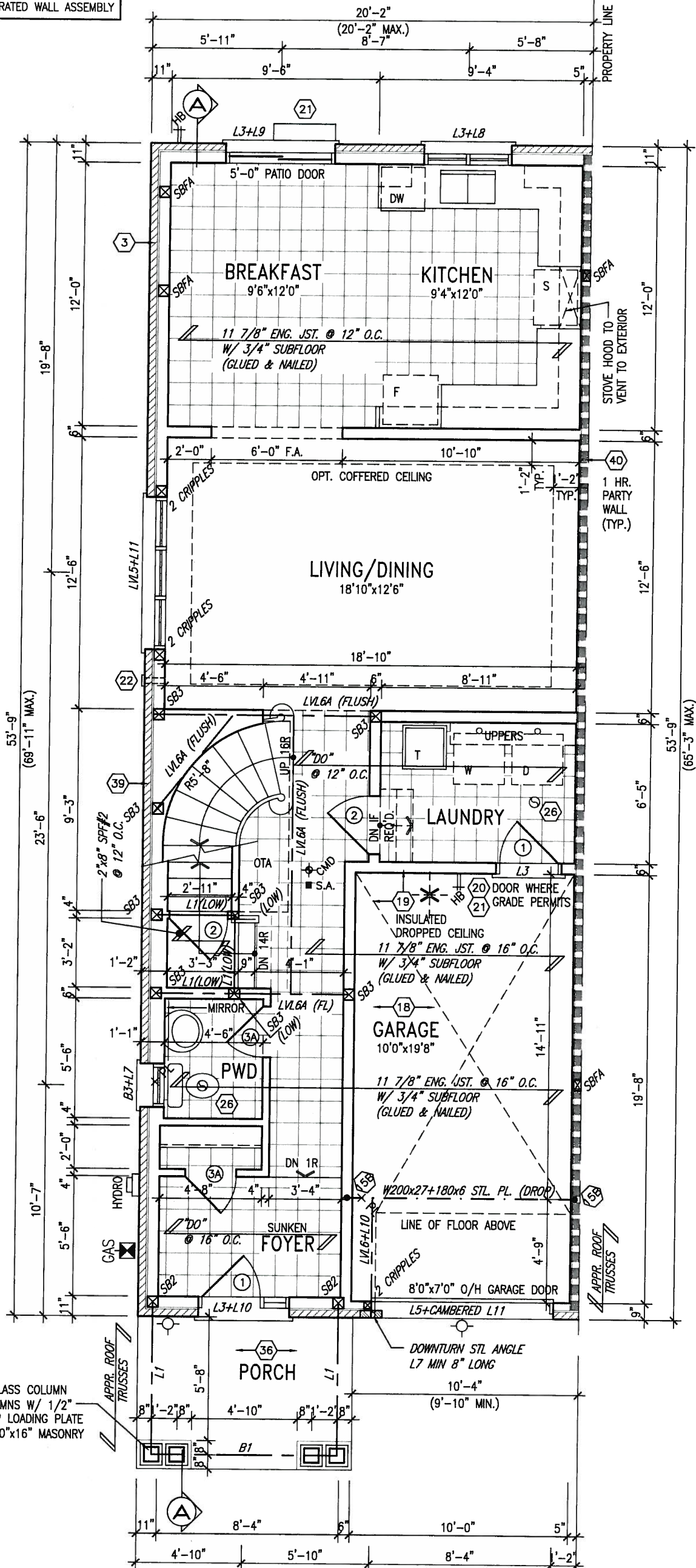
project name GREEN VALLEY ESTATES municipality BRADFORD project no. 13045

date APRIL 2014 drawing no. 13045-TH-6E
drawn by KL checked by - scale 3/16" = 1'-0"

INDICATES FIRE RATED WALL ASSEMBLY



JULY 3, 2015



2-8"x8" FIBREGLASS COLUMN
BY ROMAN COLUMNS W/ 1/2"
THICK HDPE TOP LOADING PLATE
ANCHORED TO 30"x16" MASONRY
PIER.

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ARCHITECTURAL REVIEW & APPROVAL

JUL 9 2015

John G. Williams Limited, Architect

GROUND FLOOR PLAN 'A'

NOTE:
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qualification information

Wellington Jno-Baptiste 25591

name

registration information

VA3 Design Inc. 42658

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DESIGN
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va3design.com

BAYVIEW WELLINGTON

project name
GREEN VALLEY ESTATES

municipality
BRADFORD

TH-6E
NAPA 6

project no.
13045

date
APRIL 2014

drawn by
KL

checked by

scale
3/16" = 1'-0"

GROUND FLOOR PLAN 'A'

drawing no.

file name
13045-TH-6E

2

no. description date by

5 REV EXT. COLS MAY 25-15 AF

4 ADD COLD CELLAR 5'-0 FROST PROTECTION JUL 21-14 QS

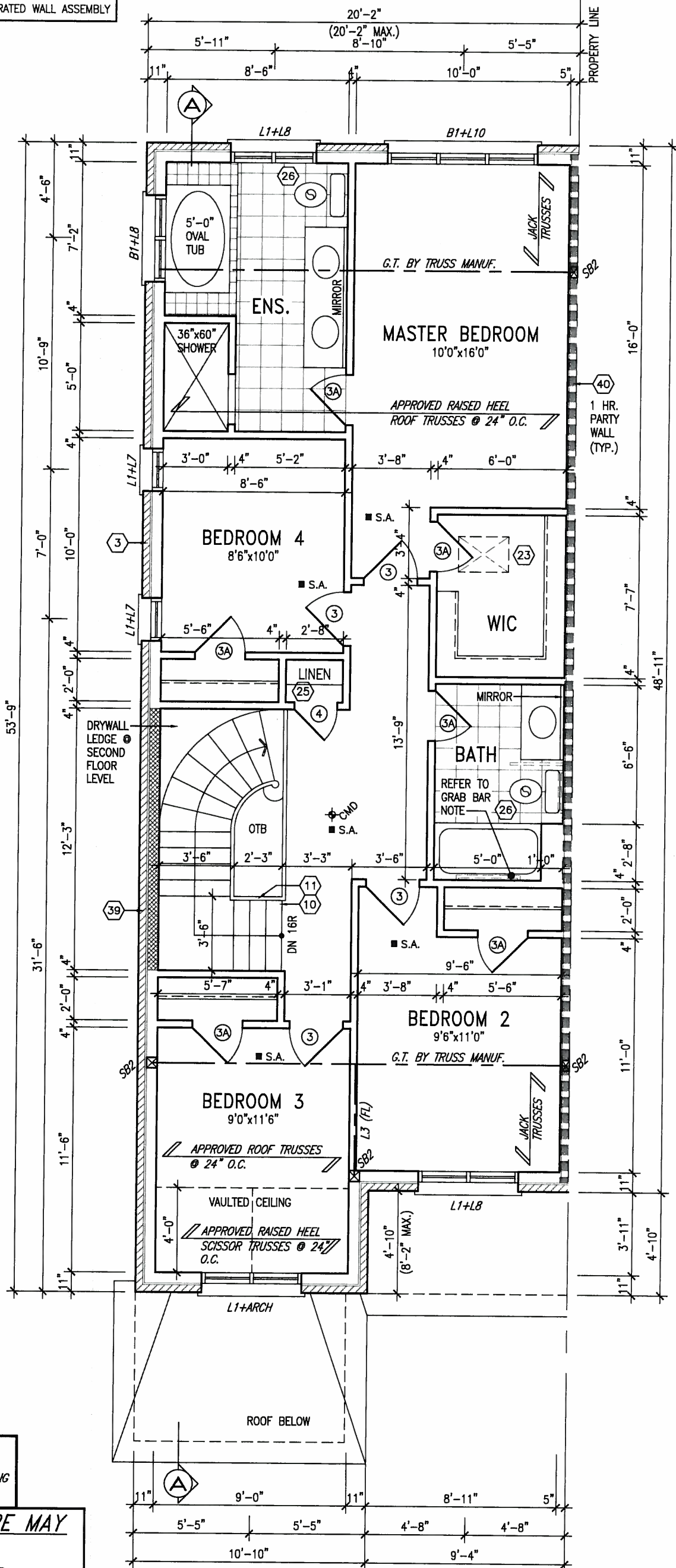
3 REVISED AS PER ENG COMMENTS JUN 02-14 RC

2 REVISED AS PER TRUSS COORDINATION MAY 14-14 RC

1 ISSUED FOR CLIENT REVIEW MAY 07-14 RC

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INDICATES FIRE RATED WALL ASSEMBLY



JULY 3, 2015

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 AS PER O.B.C. 9.5.2.3, 3.8.3.8.(1)(d), & 3.8.3.13.(1)(f) AND DETAILS PROVIDED

NOTE: ROOF FRAMING
ROOF TRUSS INFORMATION REFER TO ROOF TRUSS SHOP DRAWINGS FOR ALL ROOF FRAMING INFORMATION UNLESS OTHERWISE NOTED.

NOTE: ROOF STRUCTURE MAY VARY
REFER TO ROOF TRUSS MANUFACTURERS' BUILDING BLOCK TRUSS LAYOUT FOR ACTUAL ROOF STRUCTURE

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ARCHITECTURAL REVIEW & APPROVAL

JUL 9 2015

John G. Williams Limited, Architect

9.			
8.			
7.			
6.			
5.	REV EXT. COLS	MAY 25-15	AF
4.	ADD COLD CELLAR 5'-0" FROST PROTECTION	JUL 21-14	QS
3.	REVISED AS PER ENG COMMENTS	JUN 02-14	RC
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1.	ISSUED FOR CLIENT REVIEW	MAY 07-14	RC
no.	description	date	by

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qualification information
Wellington Jno-Baptiste 25591
name
registration information
VA3 Design Inc. 42658

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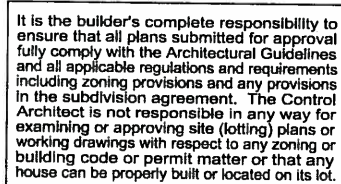
BAYVIEW WELLINGTON		TH-6E NAPA 6	
project name GREEN VALLEY ESTATES	municipality BRADFORD	project no. 13045	
date APRIL 2014	checked by KL	scale 3/16" = 1'-0"	
SECOND FLOOR PLAN 'A'		file name 13045-TH-6E	drawing no. 3
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\6.0M TOWNS\13045-TH-6E.dwg - Wed - Jun 24 2015 - 9:00 AM			

PROPERTY LINE



JULY 3, 2015

PARTIAL GROUND FLOOR PLAN 'B'



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ARCHITECTURAL REVIEW & APPROVAL

~~JUL 09 2015~~

John G. Williams Limited, Architect

NOTE:
REFER TO STANDARD FLOOR PLANS FOR
ADDITONAL INFORMATION.

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

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

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8.	.	.	.	qualification information	
7.	.	.	.	Wellington Jno-Baptista	25591
6.	.	.	.	name	BCIN
5	REV EXT. COLS	MAY 25-15	AF	registration information	
4	ADD COLD CELLAR 5'-0 FROST PROTECTION	JUL 21-14	QS	VAS Design Inc.	42658
3	REVISED AS PER ENG COMMENTS	JUN 02-14	RC		
2	REVISED AS PER TRUSS COORDINATION	MAY 14-14	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. Drawings are not to be copied.	
1	ISSUED FOR CLIENT REVIEW	MAY 07-14	RC		
no.	description	date	by		

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BAYVIEW WELLINGTON

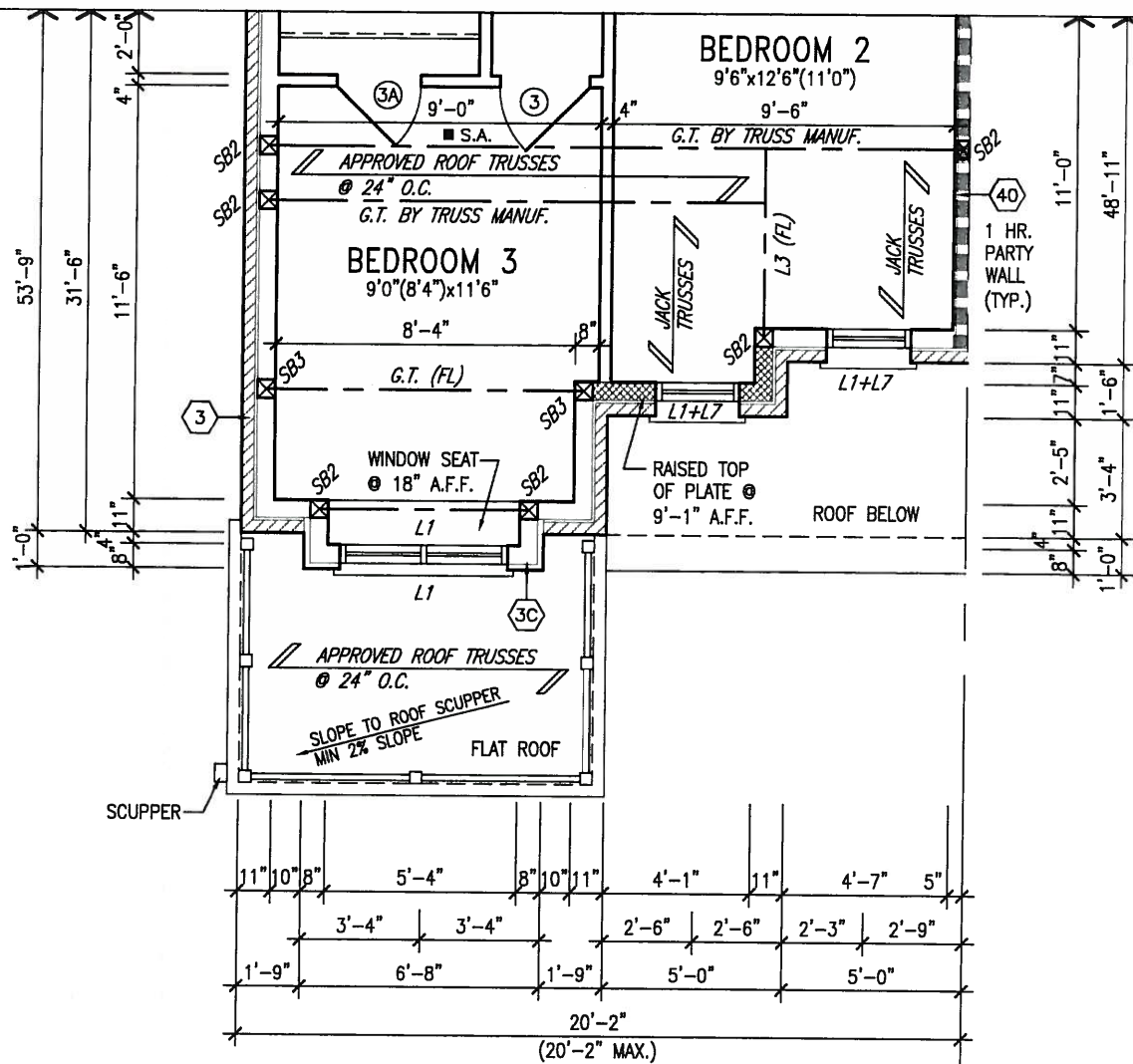
TH-6E
NAPA 6

project name GREEN VALLEY ESTATES		municipality BRADFORD		project no. 13045	
date APRIL 2014		drawing no. 4			drawing no. 4
checked by KL		scale 3/16" = 1'-0"			
drawn by KL		file name 13045-TH-6E			

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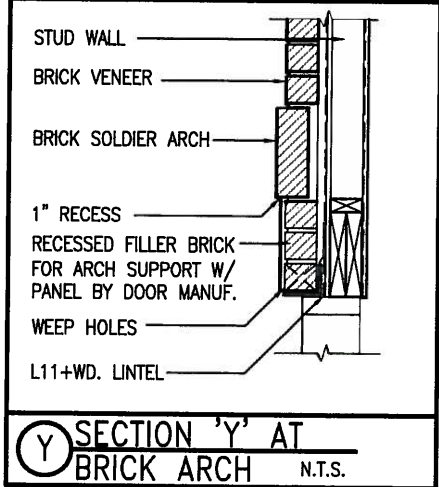
INDICATES FIRE RATED WALL ASSEMBLY

PROPERTY LINE



NOTE: ROOF FRAMING
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ARCHITECTURAL REVIEW & APPROVAL
JUL 09 2015
John G. Williams Limited, Architect

no.	description	date	by
9			
8			
7			
6			
5	REV EXT. COLS	MAY 25-15	AF
4	ADD COLD CELLAR 5'-0" FROST PROTECTION	JUL 21-14	QS
3	REVISED AS PER ENG COMMENTS	JUN 02-14	RC
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1	ISSUED FOR CLIENT REVIEW	MAY 07-14	RC

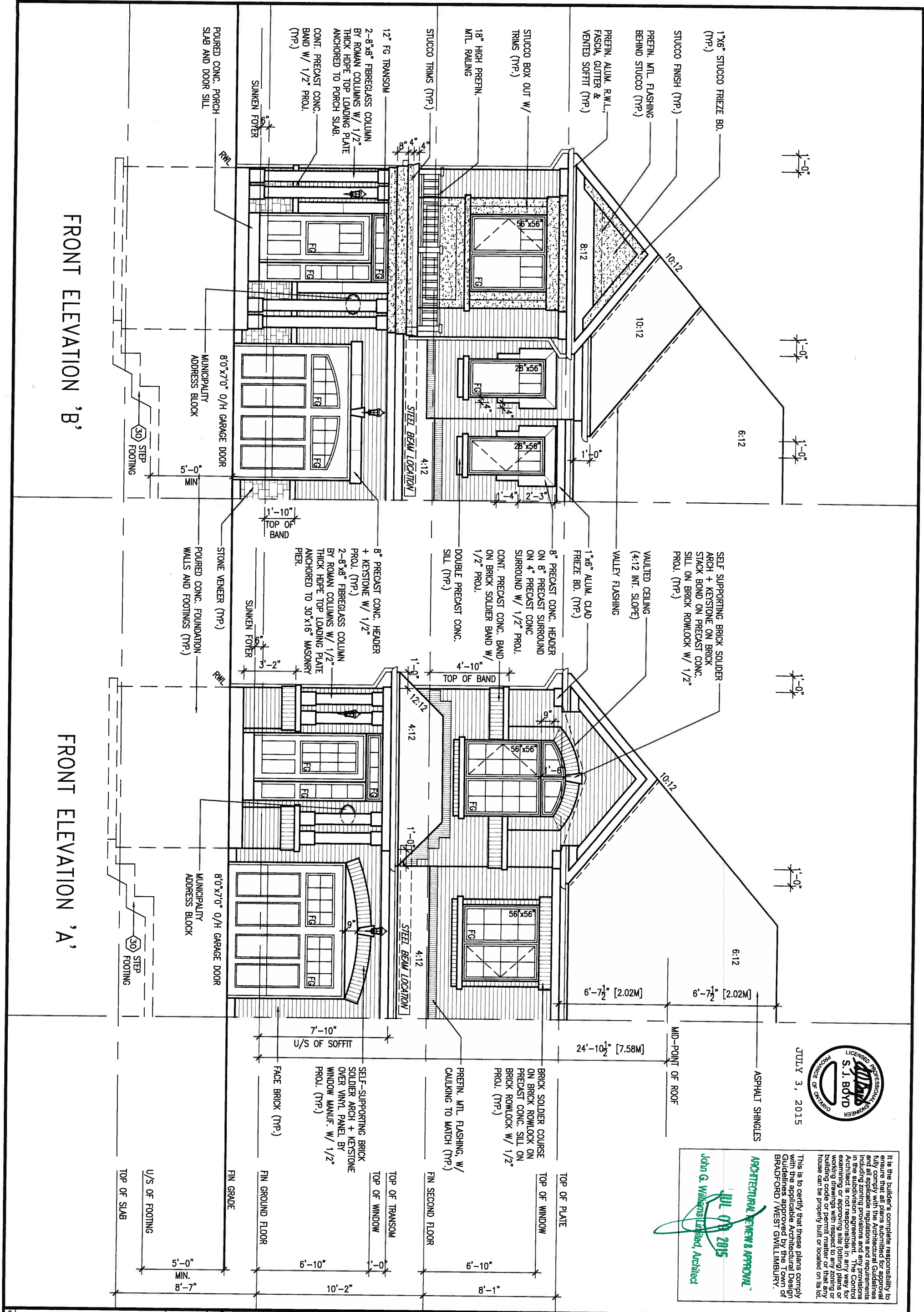
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qualification information
Wellington Jno-Baptiste 25591
name registration information BCIN
VA3 Design Inc. 42658

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BAYVIEW WELLINGTON		TH-6E NAPA 6	
project name GREEN VALLEY ESTATES	municipality BRADFORD	project no. 13045	drawing no. 5
date APRIL 2014	checked by KL	scale 3/16" = 1'-0"	file name 13045-TH-6E
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ARCHITECTURAL REVIEW & APPROVAL
JUL 09 2015
John G. Williams
Licensed Architect

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7.	.	.	.	Wellington Jno-Baptiste 25591
6.	.	.	.	name BCIN
5.	REV EXT. COLS	MAY 25-15	AF	42658
4.	ADD COLD CELLAR 5'-0" FROST PROTECTION	JUL 21-14	QS	
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1.	ISSUED FOR CLIENT REVIEW	MAY 07-14	RC	
no.	description	date	by	

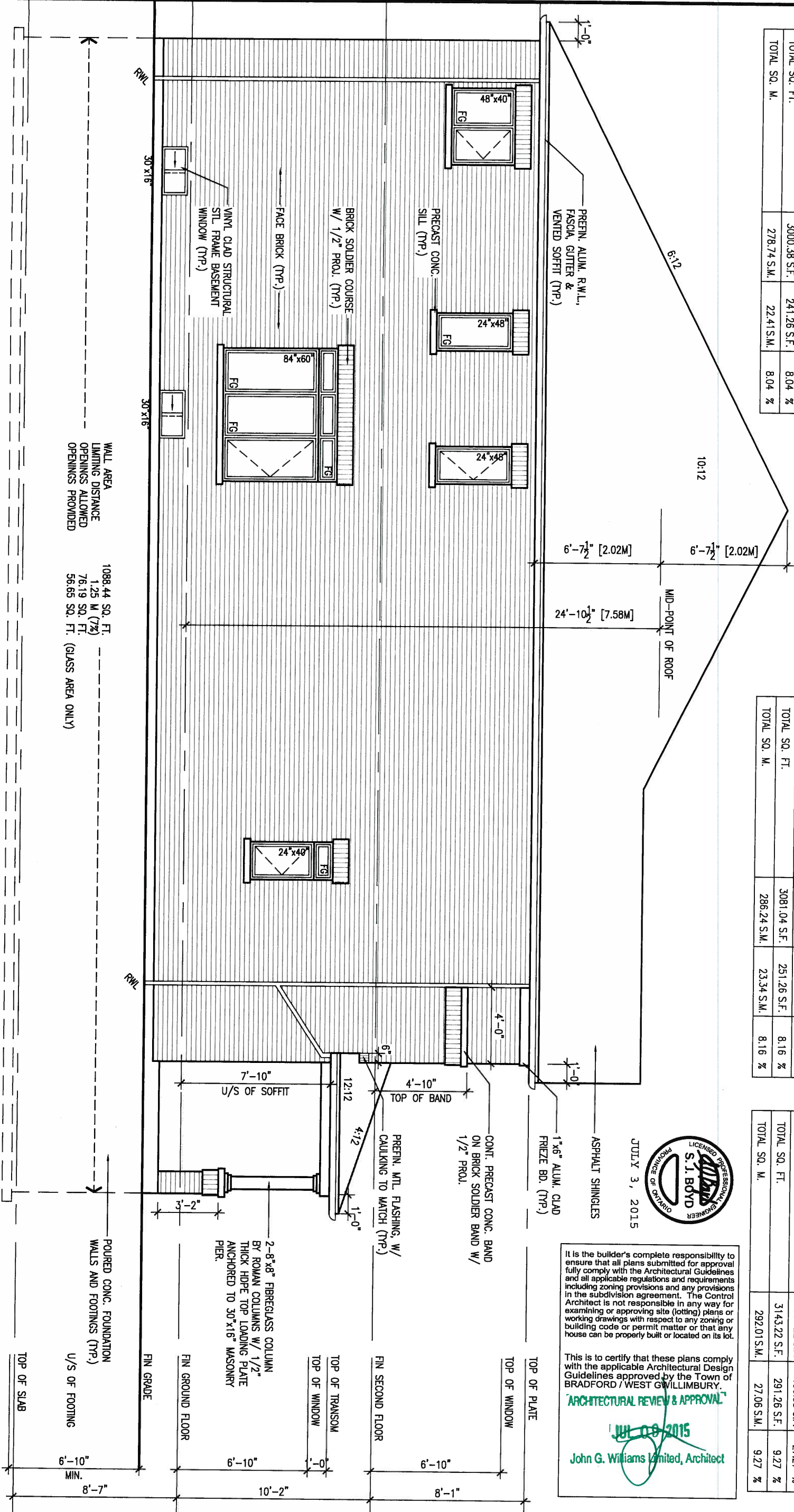
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vas3design.com

BAYVIEW WELLINGTON		TH-6E NAPA 6	
project name GREEN VALLEY ESTATES	municipality BRADFORD	project no. 13045	drawing no. 6
FRONT ELEVATIONS 'A' & 'B'			
date APRIL 2014	checked by KL	scale 3/16" = 1'-0"	file name 13045-TH-6E
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\6 DM TOWNS\13045-TH-6E.dwg Wed Jun 24 2015 9:00 AM			

UNINSULATED OPENINGS (PER OBC, SB-12.2.1.1(7))				
TH-6E ELEVATION A	ENERGY EFFICIENCY - OBC SB12			
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE	
FRONT	415.12 S.F.	53.60 S.F.	12.91 %	
LEFT SIDE	1088.44 S.F.	87.33 S.F.	8.02 %	
RIGHT SIDE	1088.44 S.F.	0.00 S.F.	0.00 %	
REAR	408.38 S.F.	100.33 S.F.	24.57 %	
TOTAL SQ. FT.	3000.38 S.F.	241.26 S.F.	8.04 %	
TOTAL SQ. M.	278.74 S.M.	22.41 S.M.	8.04 %	

UNINSULATED OPENINGS (PER OBC, SB-12.2.1.1(7))				
TH-6E ELEVATION A (WOB)	ENERGY EFFICIENCY - OBC SB12			
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE	
FRONT	415.12 S.F.	53.60 S.F.	12.91 %	
LEFT SIDE	1088.44 S.F.	87.33 S.F.	8.02 %	
RIGHT SIDE	1088.44 S.F.	0.00 S.F.	0.00 %	
REAR	489.04 S.F.	110.33 S.F.	22.56 %	
TOTAL SQ. FT.	3081.04 S.F.	251.26 S.F.	8.16 %	
TOTAL SQ. M.	286.24 S.M.	23.34 S.M.	8.16 %	

UNINSULATED OPENINGS (PER OBC, SB-12.2.1.1(7))				
TH-6E ELEVATION A (WOB)	ENERGY EFFICIENCY - OBC SB12			
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE	
FRONT	415.12 S.F.	53.60 S.F.	12.91 %	
LEFT SIDE	1088.44 S.F.	87.33 S.F.	8.02 %	
RIGHT SIDE	1088.44 S.F.	0.00 S.F.	0.00 %	
REAR	551.22 S.F.	150.33 S.F.	27.27 %	
TOTAL SQ. FT.	3143.22 S.F.	291.26 S.F.	9.27 %	
TOTAL SQ. M.	292.01 S.M.	27.06 S.M.	9.27 %	



LEFT SIDE ELEVATION 'A'

9

8

7

6

5

REV EXT. COLS

MAY 25-15

AF

4

ADD COLD CELLAR 5'-0" FROST PROTECTION

JUL 21-14

QS

3

REVISED AS PER ENG COMMENTS

JUN 02-14

RC

2

REVISED AS PER TRUSS COORDINATION

MAY 14-14

RC

1

ISSUED FOR CLIENT REVIEW

MAY 07-14

RC

no.

description

date

by

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qualification information

Wellington Jno-Baptiste 25591

name

registration information

VA3 Design Inc. 42658

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VA3

DESIGN

300A Wilson Avenue

Toronto ON M3H 1S8

416.630.2255 f 416.630.4782

va3design.com

BAYVIEW WELLINGTON

project name

GREEN VALLEY ESTATES

drawn by

KL

date

APRIL 2014

checked by

scale

3/16" = 1'-0"

Richard - H:\ARCHIVE\WORKING\2013\13045.BW\units\6.0M TOWNS\13045-TH-6E.dwg - Wed - Jun 24 2015 - 9:00 AM

TH-6E

NAPA 6

project no.

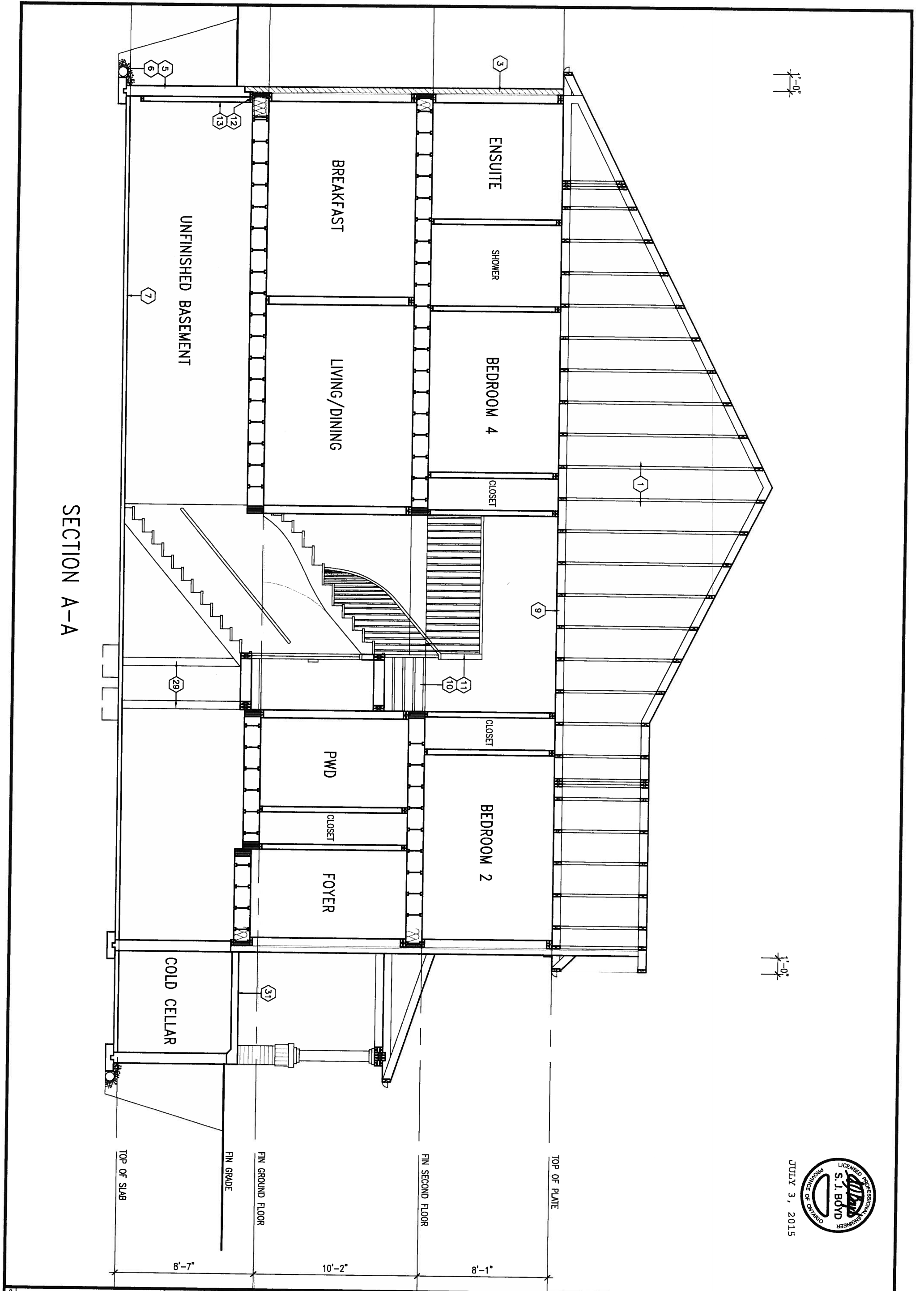
13045

drawing no.

7

file name

13045-TH-6E

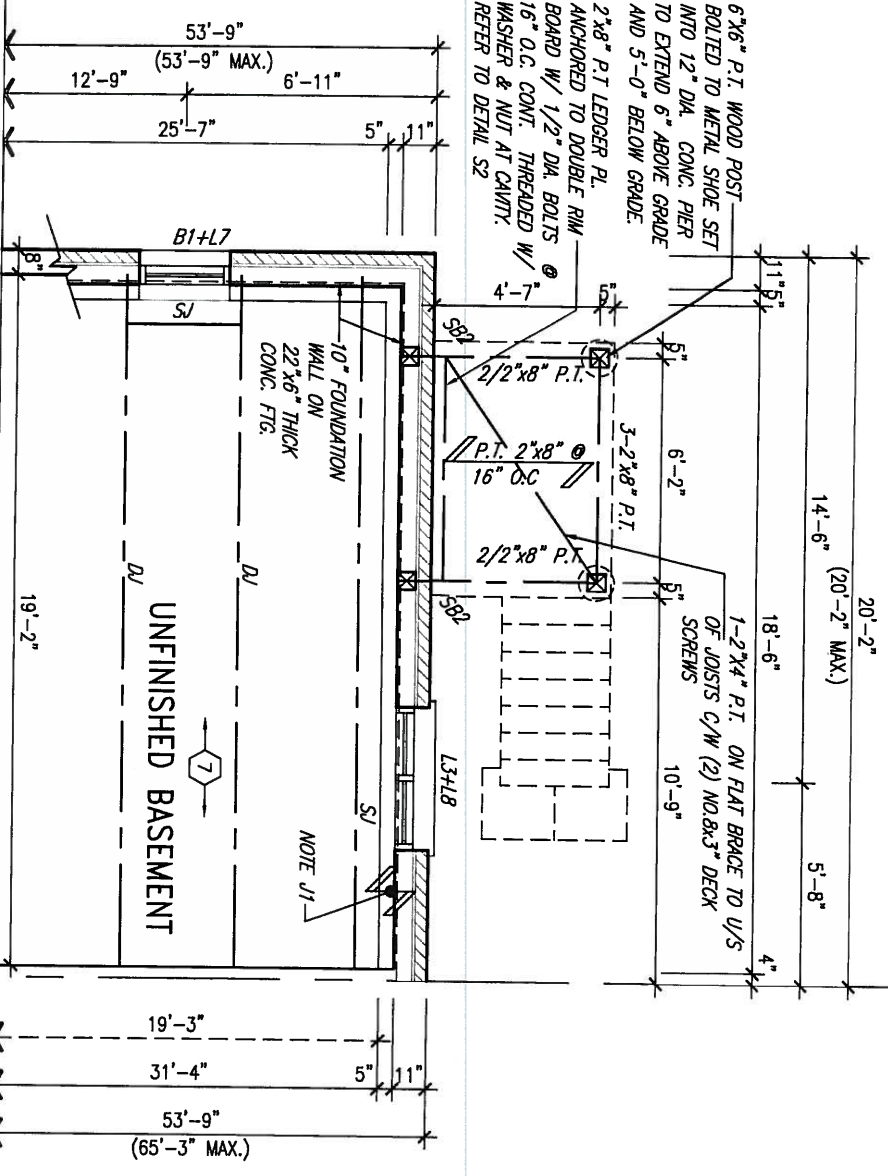


9				The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.	25591	VA3 DESIGN 300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782 va3design.com	project name GREEN VALLEY ESTATES date APRIL 2014 drawn by KL checked by - scale 3/16" = 1'-0"	municipality BRADFORD	project no. 13045	drawing no. 10	
8				qualification information Wellington Jno-Baptiste	BCIN 42658						SECTION A-A file name 13045-TH-6E
7				name VA3 Design Inc.							
6				registration information VA3 Design Inc.							
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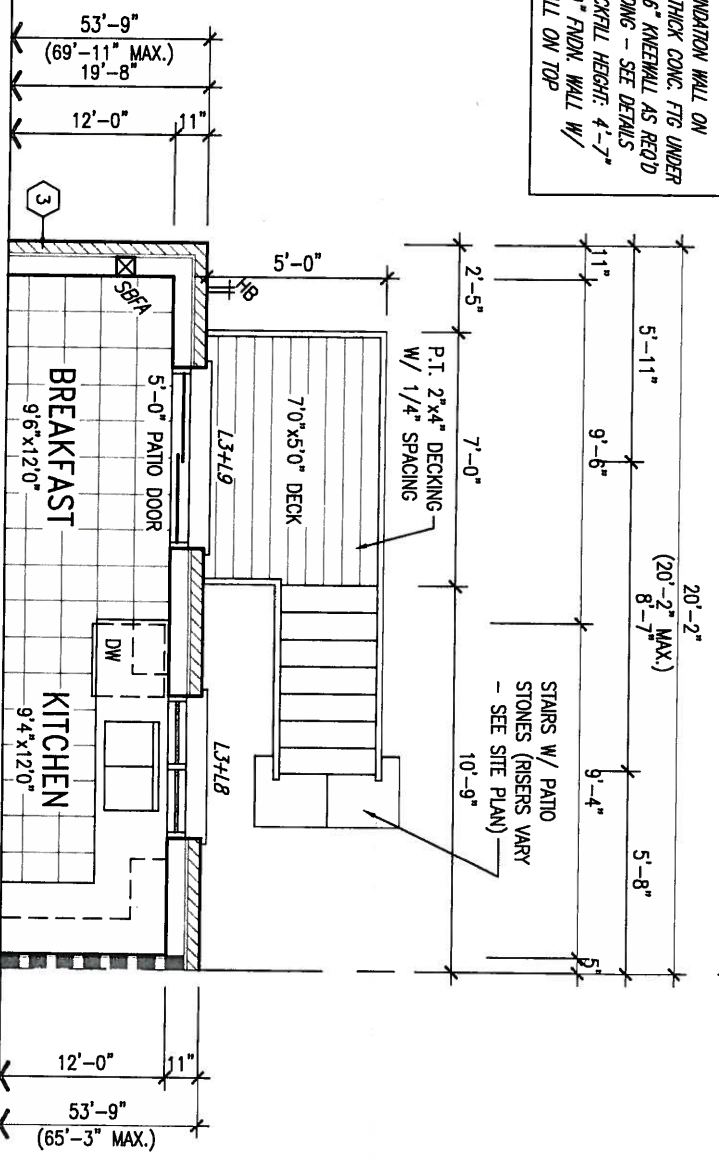
BAYVIEW WELLINGTON

TH-6E
NAPA 6

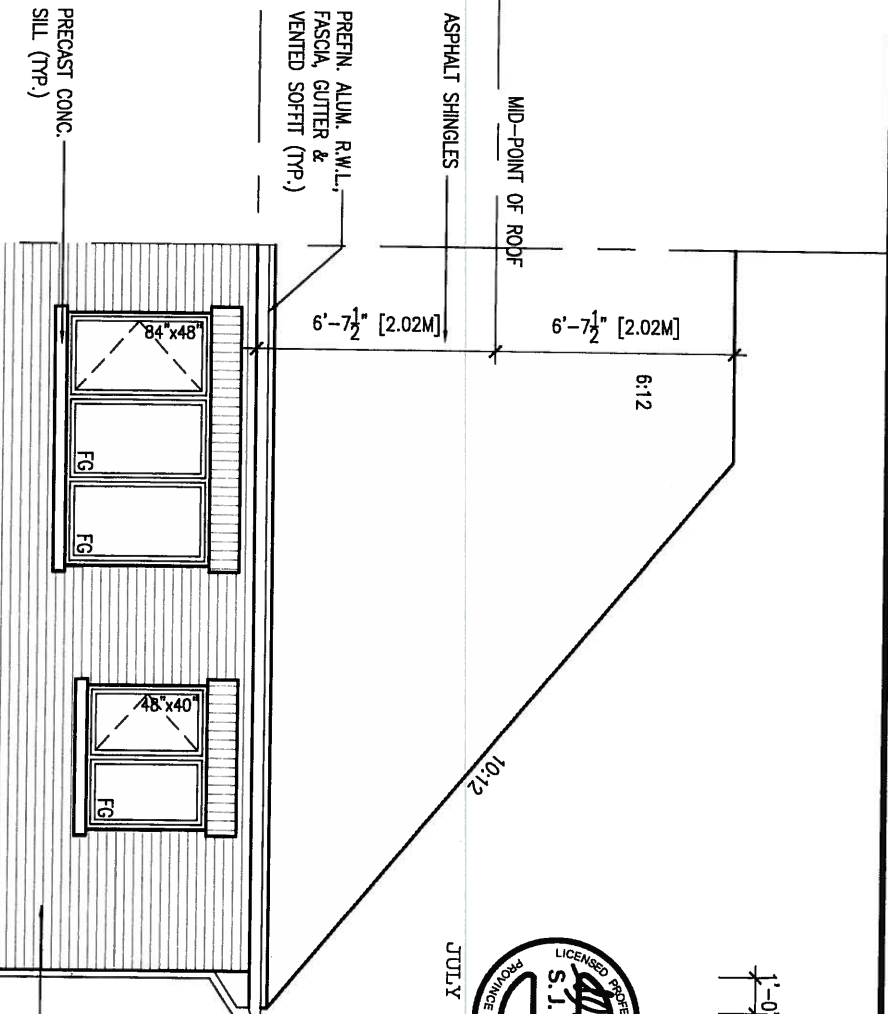
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PARTIAL BASEMENT PLAN
W.O.D. CONDITION (9R OR GREATER)



PARTIAL GROUND FLOOR PLAN
W.O.D. CONDITION (9R OR GREATER)



REAR ELEVATION 'A' & 'B'
W.O.D. CONDITION (9R OR GREATER)



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

ARCHITECTURAL REVIEW & APPROVAL
JUL 3 2015
John G. Williams Limited, Architect

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8. .		qualification information		BCIN	
7. .		Wellington Jno-Baptiste		42658	
6. .		name		signature	
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no. description		date	by		

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t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON

project name GREEN VALLEY ESTATES	municipality BRADFORD
date APRIL 2014	checked by KL
scale 3/16" = 1'-0"	

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TH-6E
NAPA 6

project no. 13045	drawing no. 11
-----------------------------	--------------------------

WOD CONDITION
file name
13045-TH-6E

CONSTRUCTION NOTES (Unless otherwise noted)

ALL CONSTRUCTION TO ADHERE TO THESE PLANS AND SPEC'S AND TO CONFORM TO THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. THESE REQUIREMENTS ARE TO BE TAKEN AS MINIMUM SPECIFICATIONS. **ONT. REG. 332/12-2012 OBC**

1. ROOF CONSTRUCTION

NO.210 (10.25kg/m²) ASPHALT SHINGLES, 10mm (3/8") PLYWOOD SHEATHING WITH "H" CLIPS. APPROVED WOOD TRUSSES @ 600mm (24") O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 900mm (3'-0") FROM EDGE OF ROOF AND MIN. 300mm (12") BEYOND INNER FACE OF EXTERIOR WALL. [EAVES PROTECTION NOT REQ'D FOR ROOF SLOPES 8:12 OR GREATER] 38x89 (2"x4") TRUSS BRACING @ 1830mm (6'-0") O.C. AT BOTTOM CHORD. PREFIN. ALUM. EAVESTROUGH, FASCIA, RWL & VENTED SOFFIT. PROVIDE ICE & WATER SHIELD TO ALL ROOF/WALL SURFACES SUSCEPTIBLE TO ICE DAMMING. ROOF SHEATHING TO BE FASTENED 150 (6") c/c ALONG EDGES & INTERMEDIATE SUPPORTS WHEN TRUSSES SPACED 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.].

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

2A. FRAME WALL CONSTRUCTION (2"x6") (R28) SIDING AS PER ELEV., 19x38 (1"x2") VERTICAL WOOD FURRING, CONTIN. SHEATHING MEMBRANE, 28mm (1 1/8") 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 BARRIER AND APPR. CONTIN. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. 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. 200mm (8") ABOVE FINISH GRADE.

2C. RESERVED

2D. 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 (2"x4") STUDS @ 400 (16") O.C.. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE.

2E. WALLS ADJACENT TO ATTIC SPACE - NO CLADDING 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") INTERIOR DRYWALL FINISH. MID-HEIGHT BLOCKING REQ'D. IF NO SHEATHING APPLIED. REFER TO OBC SB-12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION.

3. BRICK VENEER CONSTRUCTION (2"x6") (SB-12-TABLE 2.1.1.2.A) 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x76mm (7/8"x7"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 & APPR. VAPOUR BARRIER WITH APPR. CONTIN. AIR BARRIER, 13mm (1/2") INTERIOR DRYWALL FINISH. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. REFER TO OBC SB-12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.

3A. BRICK VENEER CONSTRUCTION (2"x6") (R28) 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x76mm (7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL 600mm (24") O.C. VERTICAL. APPROVED SHEATHING PAPER, 28mm (1 1/8") 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.

3B. BRICK VENEER CONSTRUCTION (2"x4")- GARAGE WALLS 90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x76mm (7/8"x7"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, 38x89 (2"x4") STUDS @ 400mm (16") O.C. (MAX. HEIGHT 3000mm 9'-10") WITH APPR. DIAGONAL WALL BRACING. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.

3C. STUCCO WALL CONSTRUCTION (2"x6") STUCCO CLADDING SYSTEM CONFORMING TO 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. 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. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE.

4. 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 WHERE NOTED.

5. FOUNDATION WALL/FOOTINGS: (9.15.3, 9.15.4, 9.13.2, 9.14.2.1.(2)) 200mm (8") POURED CONC. FDTN. WALL 15MPa (2200psi) WITH BITUMENOUS DAMPPROOFING AND DRAINAGE LAYER. DRAINAGE LAYER REQ'D. WHEN BASEMENT INSUL. EXTENDS 900 (2'-11") BELOW FIN. GRADE. DRAINAGE LAYER IS NOT REQ'D. WHEN FDTN. WALL IS WATERPROOFED. MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500x155 (20"x6") CONTINUOUS KEYED CONC. FTG. BRACE FDTN. WALL PRIOR TO BACKFILLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OR COMPACTED ENGINEERED FILL, WITH MIN. BEARING CAPACITY OF 150kPa OR GREATER. IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY, ENGINEERED FOOTINGS ARE REQUIRED. STOREYS SUPPORTED [W/ MASONRY VENEER / W/ SIDING ONLY]

1	16" WIDE x 6" DEEP	16" WIDE x 6" DEEP
2	20" WIDE x 6" DEEP	20" WIDE x 6" DEEP
3	26" WIDE x 9" 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 4.9m (16'-1").
-REFER TO SOILS REPORT FOR SOIL CONDITIONS AND BEARING CAPACITY.

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 AS FOLLOWS:

2 STOREY WITH WALK-OUT BASEMENT 545x175 (22"x7")

FOUNDATION DRAINAGE OBC 9.14.2. & 9.14.3.

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

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

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

9. ATTIC INSULATION (SB-12-TABLE 2.1.1.2.A) (SB-12-2.1.1.7) RSI 8.81 (R50) BLOWN IN ROOF INSULATION AND APPROVED VAPOUR BARRIER, 16mm (5/8") INT. DRYWALL FINISH OR APPROVED EQUAL, RSI 3.52 (R20) MIN. ABOVE INNER SURFACE OF EXTERIOR WALL

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

MAX. RISE	= 200 (7'-7/8")
MIN. RUN	= 210 (8'-1/4")
MIN. TREAD	= 235 (9'-1/4")
MAX. NOSING	= 25 (1")
MIN. HEADROOM	= 1950 (6'-5")
RAIL @ LANDING	= 900 (2'-11")
RAIL @ STAIR	= 865 (2'-10") to 965 (3'-2")
MIN. STAIR WIDTH	= 860 (2'-10")

FOR CURVED STAIRS

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

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

INTERIOR GUARDS -OBC 9.8.8.- INTERIOR GUARDS: 900mm (2'-11") MIN. HIGH

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

12. SILL PLATE - OBC 9.23.7. 38x89 (2"x4") SILL PLATE WITH 13mm (1/2") DIA. ANCHOR BOLTS 200mm (8") LONG, EMBEDDED MIN. 100mm (4") INTO CONC. @ 2400mm (7'-10") O.C., CAULKING OR 25 (1") MIN. MINERAL WOOL BETWEEN PLATE AND TOP OF FDTN. WALL. USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED.

13. BASEMENT INSULATION (SB-12-2.1.1.6), 9.25.2.3, 9.13.2.6) FOUNDATION WALLS ENCLOSING HEATED SPACE SHALL BE INSULATED FROM THE UNDERSIDE OF THE SUBFLOOR TO NOT MORE THAN 200mm (8") ABOVE THE FINISHED FLOOR & NO CLOSER THAN 50mm (2") OF THE BASEMENT SLAB. INSULATION TO HAVE APPROVED VAPOUR BARRIER. DAMPPROOF WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL. NOTE: FULL HEIGHT INSULATION AT COLD CELLAR WALLS. REFER TO OBC SB-12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION. AIR BARRIER TO BE SEALED TO FDTN. WALL WITH CAULKING.

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

15. 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/C688-7.2-9.4. 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.

15A. STEEL BASEMENT COLUMN (SEE O.B.C. 9.15.3.3) 89mm (3-1/2") DIA x 4.78mm (1.88) 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 Kpa. MIN. AND AS PER SOILS REPORT.

15B. STEEL COLUMN 90mm (3-1/2") DIA x 4.78mm (1.88) 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")

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

18. 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.

19. 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. 9.10.9.1.6. REFER TO SB-12, TABLE 2.1.1.2.A. FOR REQUIRED THERMAL INSULATION.

20. DOOR AND FRAME GASPROOFED. DOOR EQUIPPED WITH SELF CLOSING DEVICE AND WEATHERSTRIPPING PER OBC 9.10.13.15.

21. EXTERIOR STEP PRECAST CONCRETE STEP OR WOOD STEP WHERE NOT EXPOSED TO WEATHER. MAX. RISE 200mm (7-7/8") MIN. TREAD 250mm (9-1/2"). SEE OBC. 9.8.7.2., 9.8.9.3. & 9.8.10.

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

23. INSULATED ATTIC ACCESS (OBC-9.19.2.1. & SB12-2.1.1.7) ATTIC ACCESS HATCH WITH MIN. DIMENSION OF 545x610mm (21 1/2"x24") & A MIN. AREA OF 0.32 SQ.M. (3.44 SQ.FT.) WITH WEATHERSTRIPPING. RSI 3.52 (R20) RIGID INSUL. BACKING.

24. 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.

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

27. STEEL BEARING PLATE FOR MASONRY WALLS 280x280x16 (11"x11"x5/8") STL. PLATE FOR STL BEAMS AND 280x280x12 (11"x11"x1/2") STL. PLATE FOR WOOD BEAMS BEARING ON CONC. BLOCK PARTYWALL, ANCHORED WITH 2-19mm (3/4") x 200mm (8") LONG GALV. ANCHORS WITHIN SOLID BLOCK COURSE. LEVEL WITH NON-SHRINK GROUT.

OR SOLID WOOD BEARING FOR WOOD STUD WALLS SOLID BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTED MEMBER. SOLID WOOD BEARING COMPRISED OF BUILT-UP WOOD STUDS TO BE CONSTRUCTED IN ACCORDANCE WITH OBC 9.17.4.2(2).

28. 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. FOOTING.

30. STEPPED FOOTINGS OBC 9.15.3.9. MIN. HORIZ. STEP = 600mm (24"). MAX. VERT. STEP = 600mm (24").

31. 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.

32. DIRECT VENTING GAS FURNACE/ H.W.T. VENT DIRECT VENT FURNACE TERMINAL MIN. 900mm (36") FROM A GAS REGULATOR. MIN. 300mm (12") ABOVE FIN. GRADE. FROM ALL OPENINGS, EXHAUST AND INTAKE VENTS. HRV INTAKE TO BE A MIN. OF 1830mm (6'-0") FROM ALL EXHAUST TERMINALS. REFER TO GAS UTILIZATION CODE.

33. DIRECT VENTING GAS FIREPLACE VENT DIRECT VENT GAS FIREPLACE. VENT TO BE A MINIMUM 300mm (12") FROM ANY OPENING AND ABOVE FIN. GRADE. REFER TO GAS UTILIZATION CODE.

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

35. 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.

36. COLD CELLAR PORCH SLAB (OBC 9.40.) FOR MAX. 2500mm (8'-2") PORCH DEPTH (SHORTEST DIM.), 150mm (6") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT. REINF. WITH 10M BARS @ 200mm (7 7/8") O.C. EACH WAY IN BOTTOM THIRD OF SLAB, MIN. 30mm (1 1/4") COVER. 600x600 (23 5/8"x23 5/8") 10M DOWELS @ 600mm (23 5/8") O.C., ANCHORED IN PERIMETER FDTN. WALLS. SLOPE SLAB MIN. 1.0% FROM HOUSE WALL. SLAB TO HAVE MIN. 75mm (3") BEARING ON FDTN. WALLS. PROVIDE (L7) UNTEL OVER CELLAR DOOR WITH 100mm (4") END BEARING.

37. THE FDTN. WALL SHALL NOT BE REDUCED TO LESS THAN 90mm (3-1/2") THICK TO A MAX. DEPTH OF 600mm (24") AND SHALL BE TIED TO THE FACING MATERIAL WITH METAL TIES SPACED 200mm (8") O.C. VERTICALLY AND 900mm (36") O.C. HORIZONTALLY. FILL SPACE BETWEEN WALL AND FACING SOLID WITH MORTAR.

38. CONVENTIONAL ROOF FRAMING (2.0Kps. 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. CEILING JOISTS TO BE 38x89 (2"x4") @ 400mm (16") O.C. FOR MAX. 2830mm (9'-3") SPAN & 38x140 (2"x6") @ 400 (16") O.C. FOR MAX. 4450mm (14'-7") SPAN. RAFTERS FOR BUILT-UP ROOF TO BE 38x89 (2"x4") @ 600mm (24") O.C. WITH A 38x89 (2"x4") CENTRE POST TO THE TRUSS BELOW, LATERALLY BRACED @ 1800mm (6'-0") O.C. VERTICALLY.

GENERAL NOTES

WINDOWS: 1) MINIMUM BEDROOM WINDOW -OBC 9.9.10.1- AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR IS TO HAVE MIN. 0.35m² UNOBTSTRUCT 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. 9.7.3. & SB12-2.1.1.8

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

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

3) ALL WINDOW WELLS TO DRAIN TO FOOTING LEVEL PER OBC 9.14.6.(3). CHECK WITH THE LOCAL AUTHORITY.

4) 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)(i). SEE DETAIL.

5) ALL EXTERIOR DOORS TO COMPLY WITH THERMAL RESISTANCE AS STATED IN O.B.C. 12-12.1.1.9.

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

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

2) STUDS SHALL BE STUD GRADE SPRUCE, UNLESS NOTED OTHERWISE.

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

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

5) LVL BEAMS SHALL BE 2.0E -2950Fb MIN.. NAIL EACH PLY OF LVL WITH 89mm (3 1/2") LONG COMMON WIRE NAILS @ 300mm (12") O.C. STAGGERED IN 2 ROWS FOR 184, 240 & 300mm (7 1/4", 9 1/2", 11 7/8") DEPTHS 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.

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

7) JOIST HANGERS: PROVIDE METAL HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS INTERSECTING FLUSH BUILT-UP WOOD MEMBERS.

8) WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATIVE, IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONCRETE BY AT LEAST 12 mil. POLYETHYLENE FILM, No. 50 (450µ). ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 150mm (6") ABOVE THE GROUND.

STEEL: 1) STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-G40-21 GRADE 300W. HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO CSA-G40.21 GRADE 350W "STRUCTURAL QUALITY STEEL". OBC. 8-9.23.4.3.

2) 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

CLASS 'B' VENT
EXHAUST FAN TO EXTERIOR
DUPLUX OUTLET (12" ABOVE SURFACE)
DUPLUX OUTLET (HEIGHT A.F.F)
WEATHERPROOF DUPLUX OUTLET
GFI DUPLUX OUTLET (HEIGHT A.F.F)
POT LIGHT
HEAVY DUTY OUTLET (220 volt)
LIGHT FIXTURE (PULL CHAIN)
LIGHT FIXTURE (CEILING MOUNTED)
LIGHT FIXTURE (WALL MOUNTED)
SWITCH
HOSE BIB (NON-FREEZE)
FLOOR DRAIN

SJ SINGLE JOIST
DJ DOUBLE JOIST
TJ TRIPLE JOIST
LVL LAMINATED VENEER LUMBER
X POINT LOAD FROM ABOVE
P.T. PRESSURE TREATED LUMBER
G.T. GIRDER TRUSS BY ROOF TRUSS MANUF.

FLAT ARCH
CURVED ARCH
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.

39. TWO STOREY VOLUME SPACES -FOR A MAXIMUM 5490 mm (18'-0") HEIGHT AND MAXIMUM SUPPORTED ROOF TRUSS LENGTH OF 6.0m, PROVIDE 2-38x140 (2-2"x6") SPR.#2 CONTIN. STUDS @ 300mm (12") O.C. (TRIPLE UP AT EVERY THIRD DOUBLE STUD FOR BRICK WALLS) C/W 9.6 (3/8") THICK EXT. PLYWOOD SHEATHING. PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS @ 1220 mm (4'-0") O.C. VERTICALLY. -FOR WALLS WITH HORIZ. DISTANCES NOT EXCEEDING 2900 mm (9'-6"), PROVIDE 38x140 (2"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-NAILLED & GLUED AT TOP, BOTTOM PLATES AND HEADERS.

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

41. 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.

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 (12") o.c.

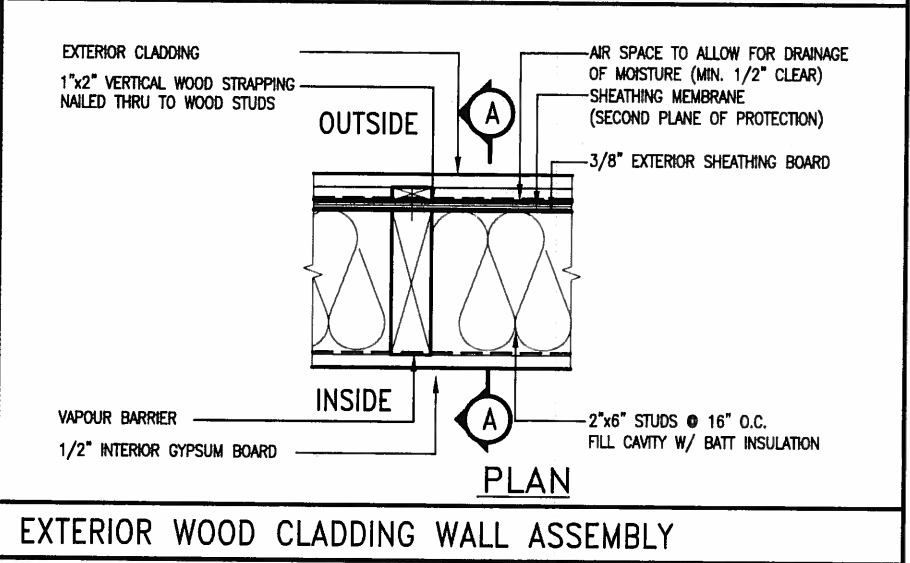
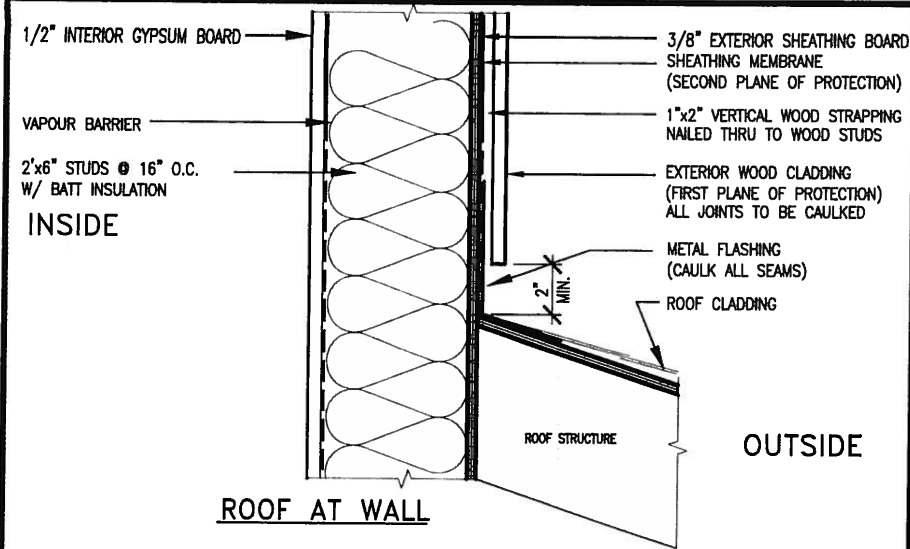
ONT. REG. 332/12-2012 OBC
Amendment O. Reg. 388/13
NOV. 13, 2014

WOOD LINTELS AND BUILT-UP WOOD BEAMS

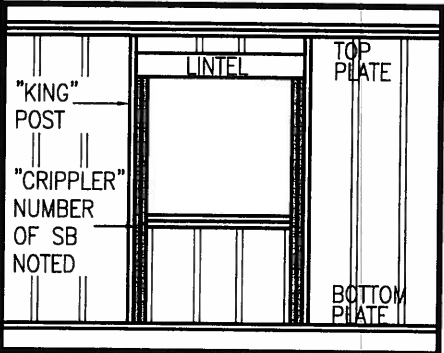
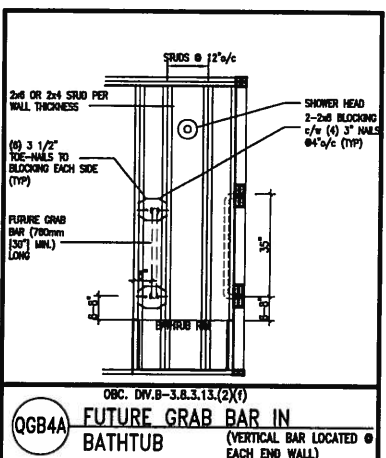
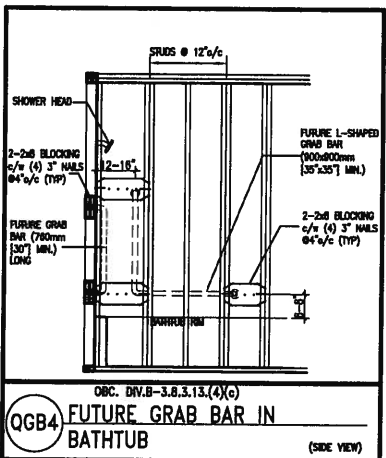
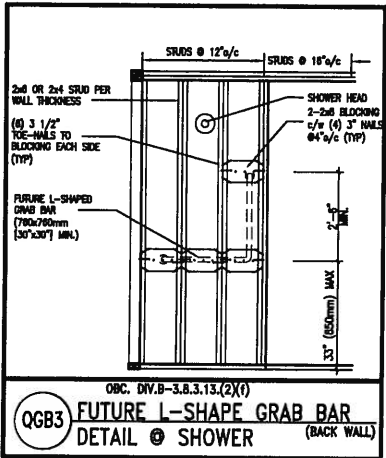
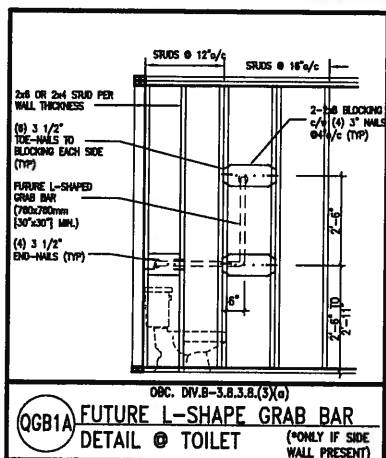
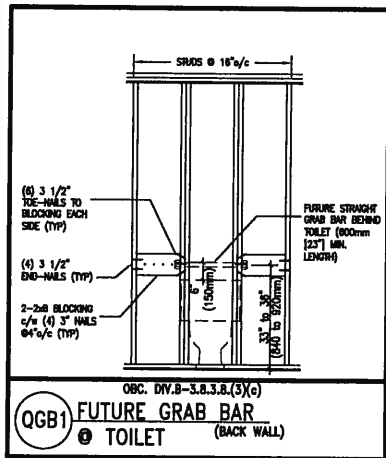
L1	2/38 x 184 (2/2" x 8")	SPR.#2
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JULY 3, 2015



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.
FUTURE GRAB BARS TO BE MOUNTED TO RESIST HORIZ. AND VERT. LOADS OF 1.3 KN (300 lb)
REFER TO OBC, DIV. B- 9.5.2.3., WATER CLOSET 3.8.3.8.(3)(a) & 3.8.3.8.(3)(c), SHOWER 3.8.3.13.(2)(f), BATHTUB & 3.8.3.13.(4)(c), AND DETAILS PROVIDED.



MAX. HEIGHT FOR 2"x4" GARAGE WALL IS AS FOLLOW:
2"x4" @ 16" O.C. - 9'-10"
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.
 - 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.
 - 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 SIDING.

** MAX. HEIGHT FOR 2"x6" EXTERIOR WALL IS AS FOLLOW:
2"x6" @ 16" O.C. - 12'-6"
2"x6" @ 12" O.C. - 13'-10"
2-2"x6" @ 16" O.C. - 15'-0"
2-2"x6" @ 12" O.C. - 17'-4"

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" @ 12" O.C. - 22'-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 KPa
 - STUDS GREATER THAN 9'-10" HIGH TO BE No. 2 SPF.
 - STUD SPECIFICATION IS SUITABLE FOR BRICK VENEER OR SIDING.

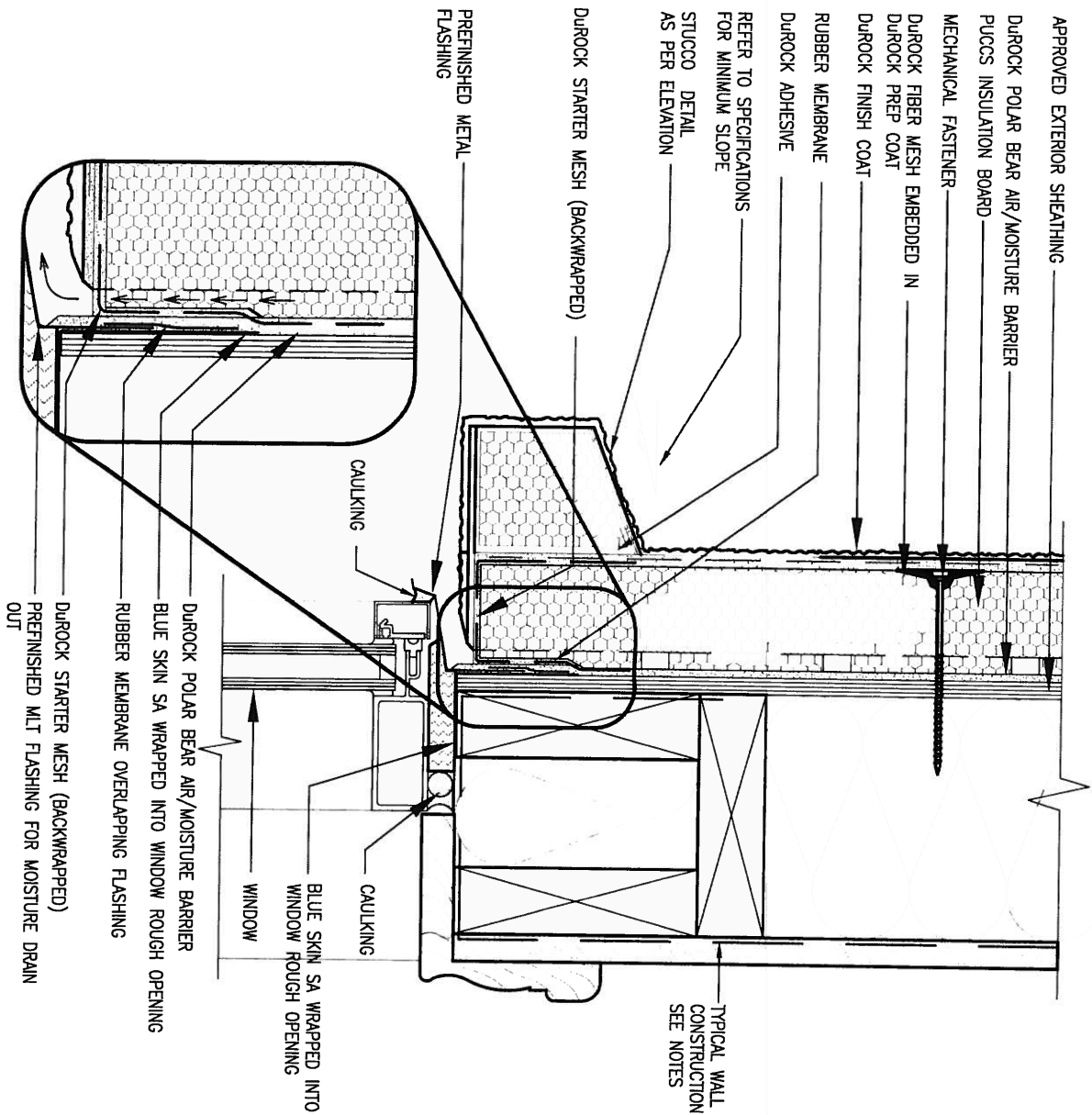
** STUD INFORMATION TAKEN FROM OBC TABLE A-30

"CRIPPLE" DETAIL

9	.	.	.	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.
8	.	.	.	qualification information
7	.	.	.	Wellington Jno-Baptiste 25591
6	.	.	.	name registration information BCN
5	.	.	.	VAS Design Inc. 42658
4	.	.	.	
3	.	.	.	
2	UPDATE TO CODE	APR 16-15	RC	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All 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.
1	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC	
no.	description	date	by	

VAS DESIGN
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t 416.630.2255 f 416.630.4782
va3design.com

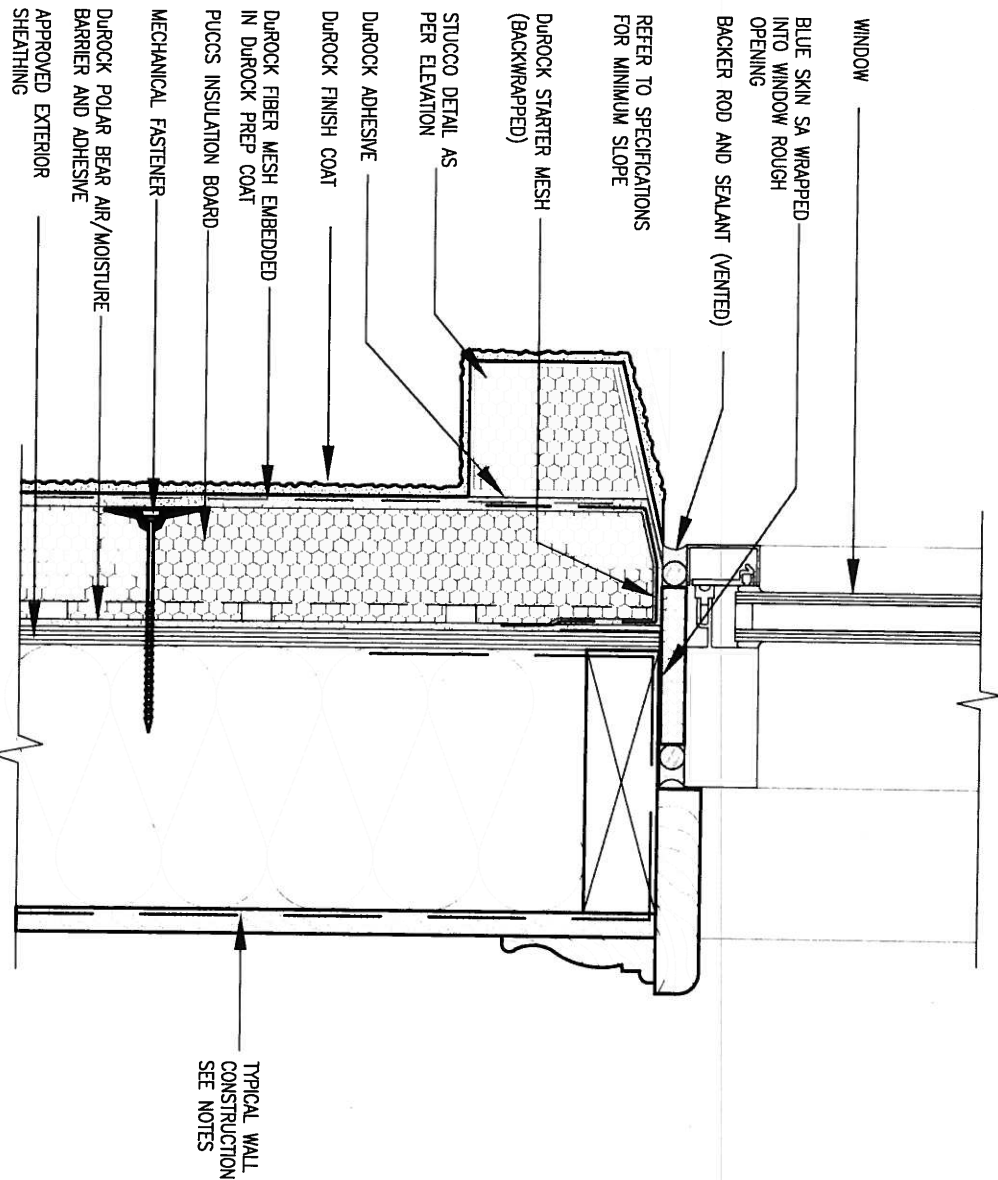
BAYVIEW WELLINGTON		CONST NOTE	
project name	GREEN VALLEY ESTATES	municipality	BRADFORD
date	APR 2014	project no.	13045
drawn by	RC	checked by	-
scale	3/16" = 1'-0"	CONSTRUCTION NOTES	drawing no.
13045-CONST-OBC 2015		CN2	
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\13045-CONST-OBC 2015.dwg - Thu - Apr 16 2015 - 6:56 AM			



1 WINDOW HEADER

CN3 SCALE: 3"=1'-0"

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



2 WINDOW SILL

CN3 SCALE: 3"=1'-0"

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2.	UPDATE TO CODE	APR 16-15	RC
1.	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC
no.	description	date	by

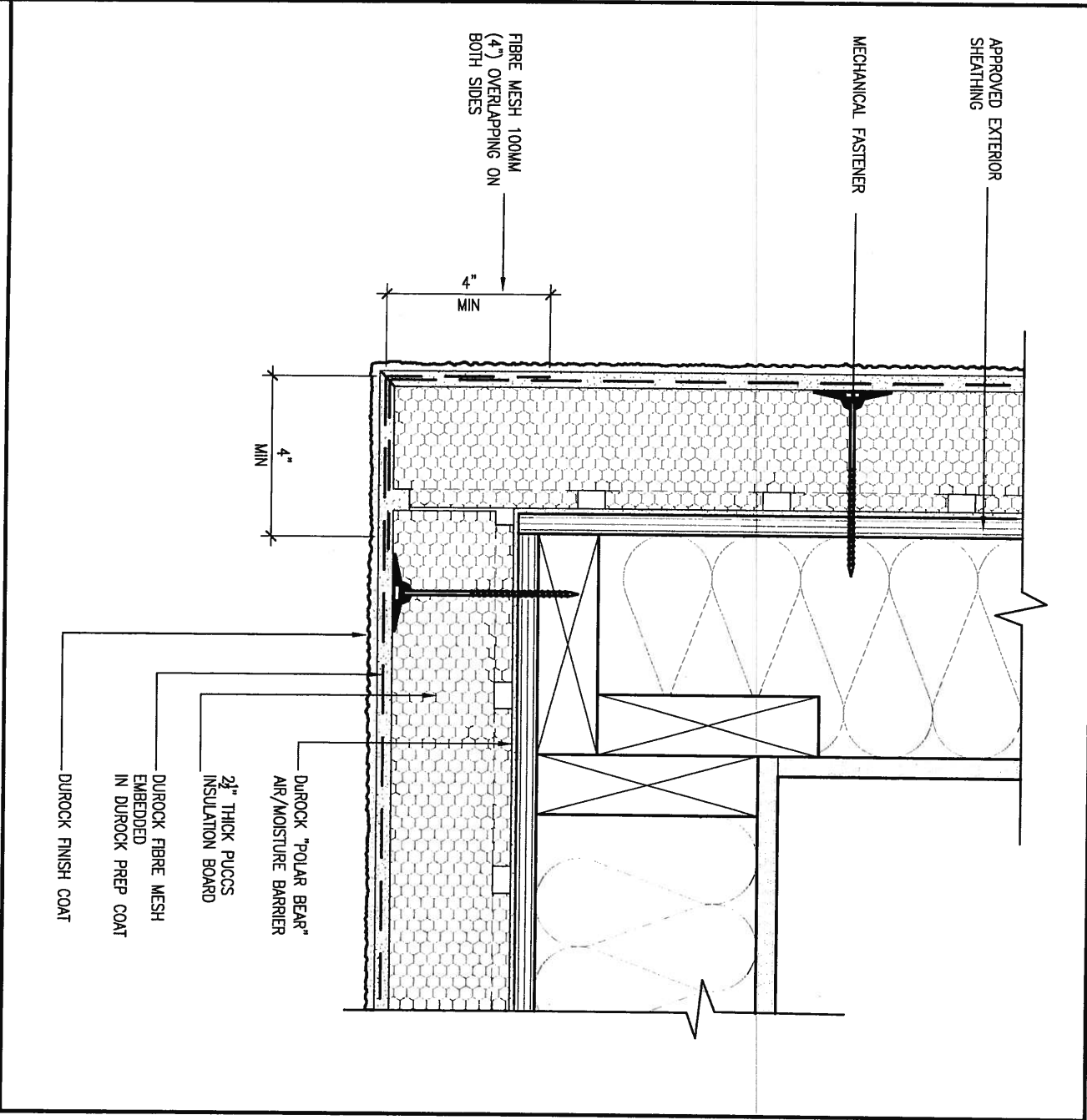
The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.

qualification information
Wellington Jno-Baptiste 25591
name registration information BCIN
VA3 Design Inc. 42658

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va3design.com

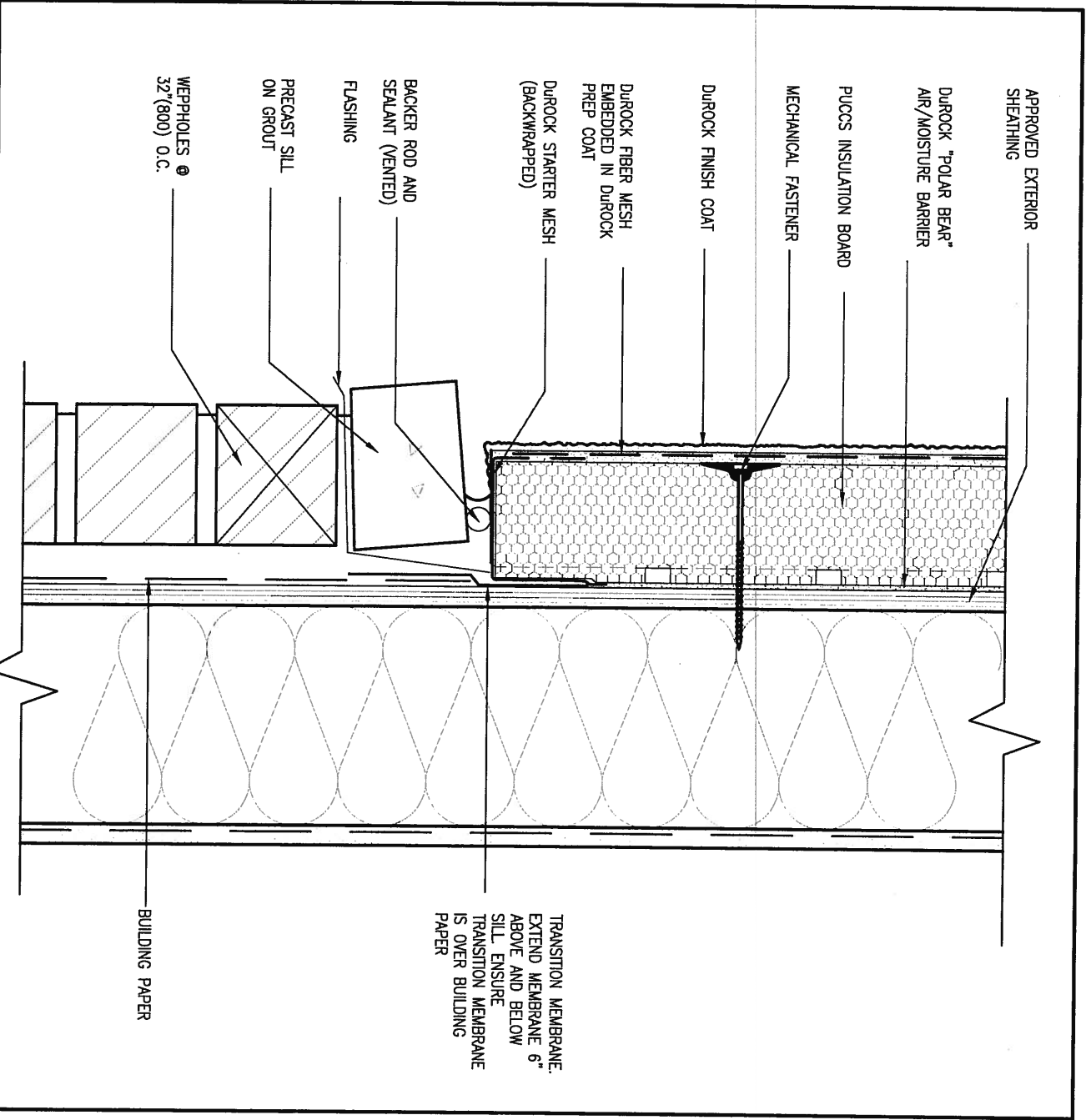
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date APR 2014	checked by RC	scale 3/16" = 1'-0"	CONSTRUCTION NOTES 13045-CONST-OBC 2015
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5 CORNER DETAIL
CNS SCALE: 3"=1'-0"

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

DETAILS ARE BASED ON DUROCK PUCCS SYSTEM



6 STUCCO / MASONRY PLINTH CONNECTION
CNS SCALE: 3"=1'-0"

SB12-COMPLIANCE PACKAGE 'D'

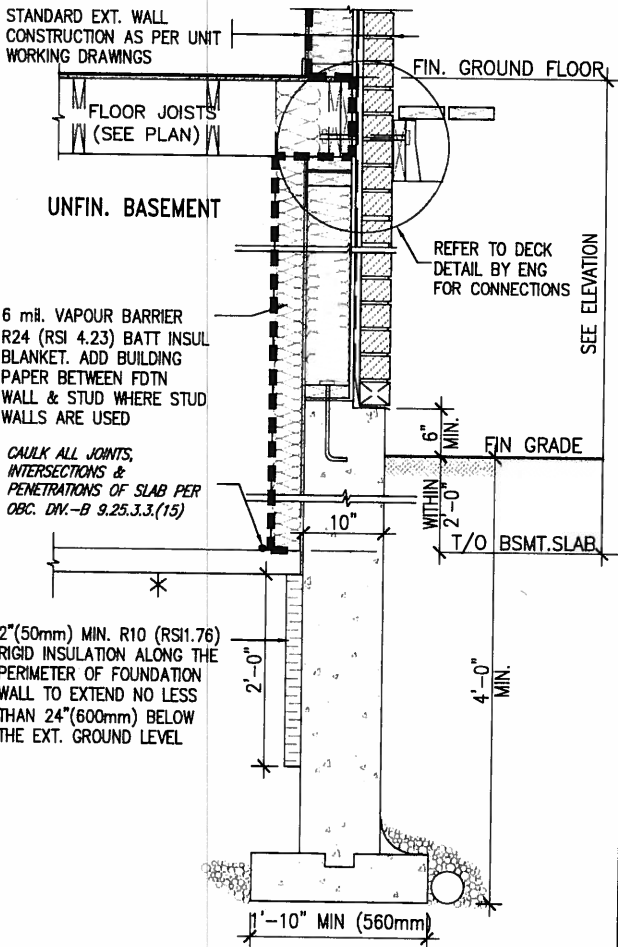
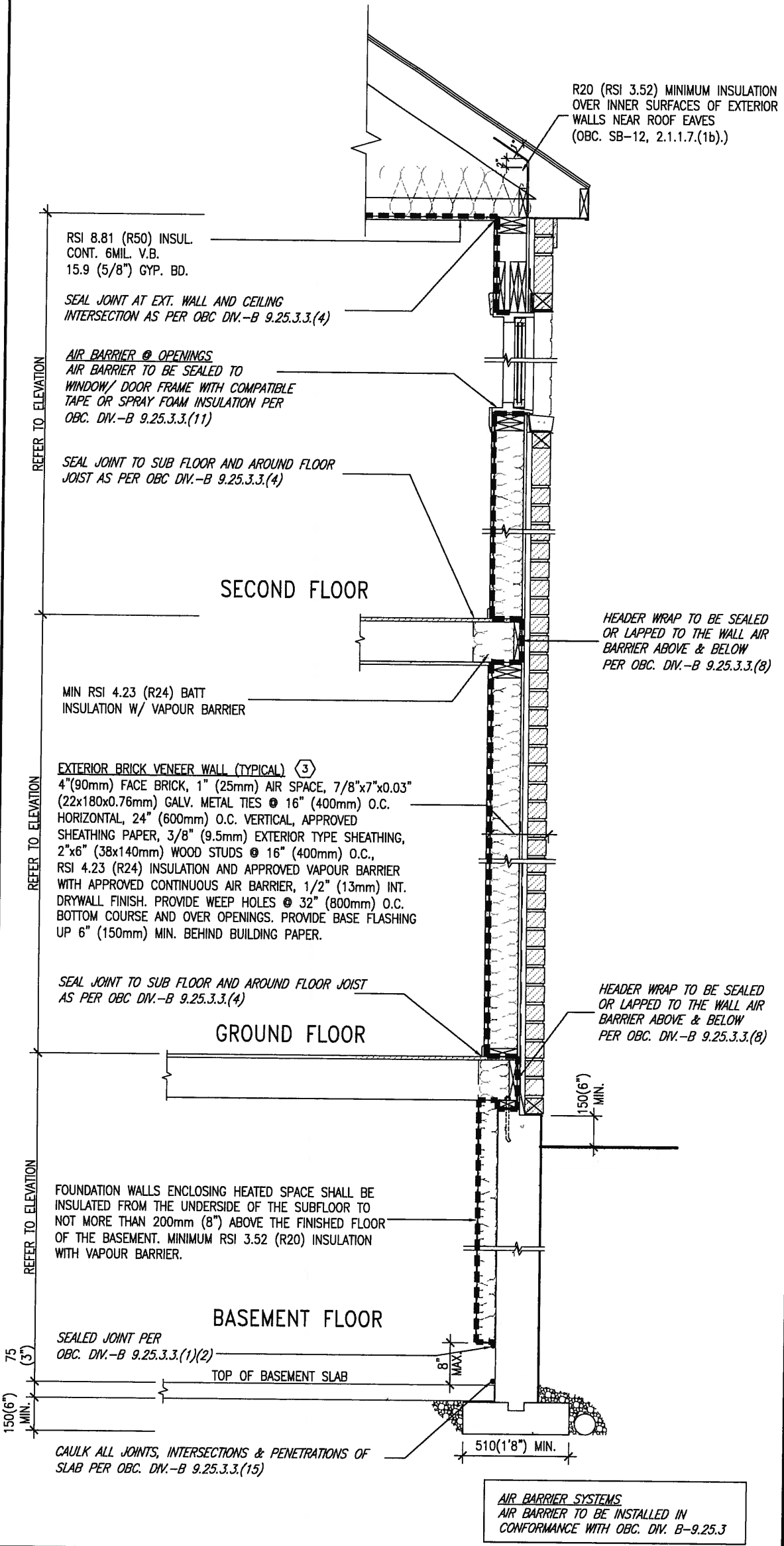
THE MINIMAL THERMAL PERFORMANCE OF BUILDING ENVELOPE AND EQUIPMENT SHALL CONFORM TO THE FOLLOWING SB-12 COMPLIANCE PACKAGE AS PER OBC SUPPLEMENTARY STANDARD SB-12, SECTION 2.1.1.1

USE SB-12 COMPLIANCE PACKAGE (D):

COMPONENT	D	Notes:
Ceiling with Attic Space	8.81 (R50)	BLOWN -LOOSE
Minimum RSI (R) value	(R50)	
Ceiling without Attic Space	5.46 (R31)	BATT or SPRAY
Minimum RSI (R) value	(R31)	
Exposed Floor	5.46 (R31)	BATT or SPRAY
Minimum RSI (R) value	(R31)	
Walls Above Grade	4.23 (R24)	6" R24 BATT
Minimum RSI (R) value	(R24)	
Basement Walls	3.52 (R20)	6" R20 BLANKET
Minimum RSI (R) value	(R20)	
Edge of Below Grade Slab	1.76 (R10)	RIGID INSUL
Minimum RSI (R) value	(R10)	
Windows & Sliding glass Doors	1.8	DOUBLE PANE LOW EMISSVITY
Maximum U-value		
Skylights	2.8	DOUBLE PANE LOW EMISSVITY
Maximum U-value		
Space Heating Equipment	94%	NATURAL GAS
Minimum AFUE		
Hot Water Heater	0.67	NATURAL GAS
Minimum EF		
HRV	N/A	NOT REQUIRED
Minimum Efficiency		



JULY 3, 2015



* REVISED- 15 MARCH 2013

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

EW1

TYPICAL EXT. WALL AIR BARRIER CONTINUITY SECTION W/ BRICK VENEER SCALE: N.T.S.

TOWNS ONLY

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2.	UPDATE TO CODE	APR 16-15	RC
1.	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC
no.	description	date	by

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

qualification information
Wellington Jno-Baptiste 25591
name
registration information BCN
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.



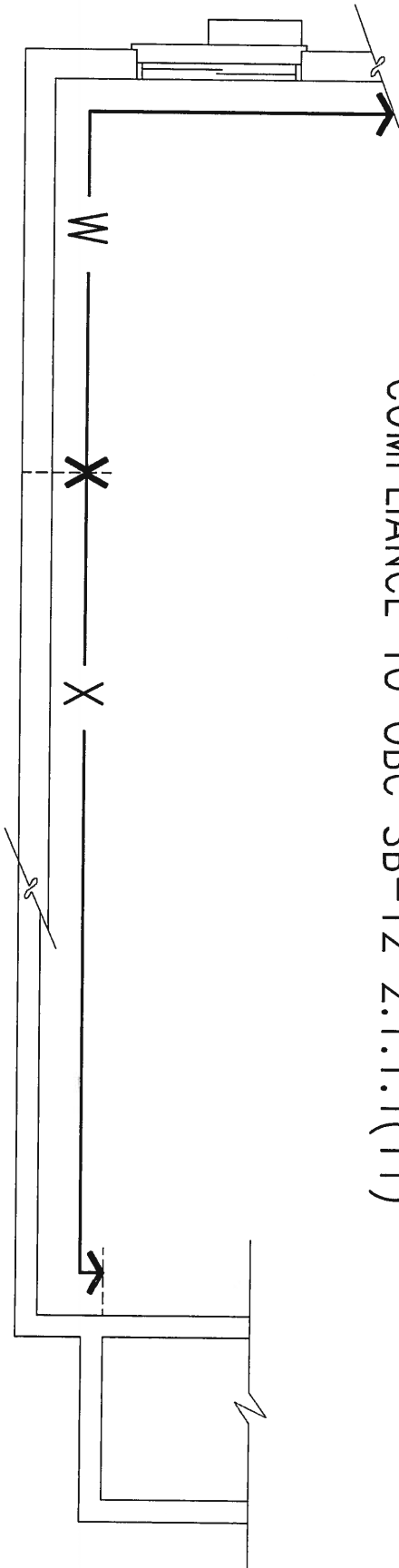
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t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON

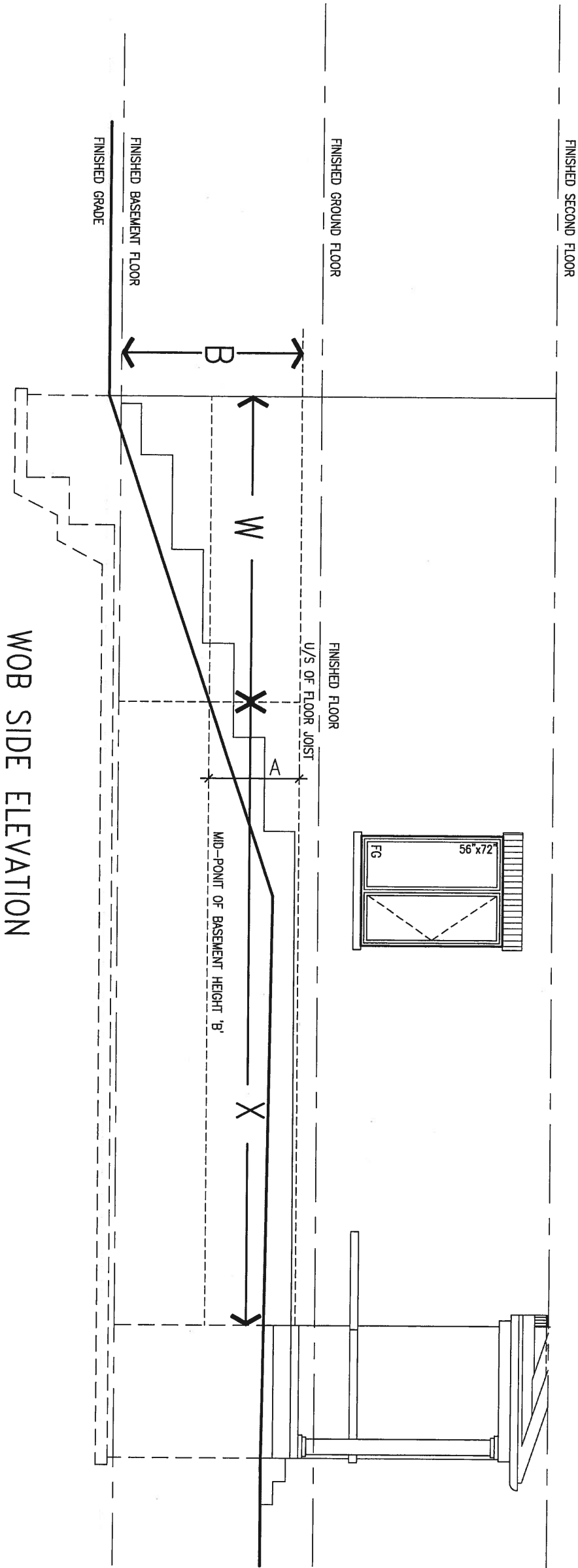
CONST NOTE

project name	GREEN VALLEY ESTATES	municipality	BRADFORD	project no.	13045
date	APR 2014	checked by	scale	CONSTRUCTION NOTES	drawing no.
drawn by	RC		3/16" = 1'-0"	13045-CONST-OBC 2015	CN6
RICHARD - H:\ARCHIVE\WORKING\2013\13045\units\13045-CONST-OBC 2015.dwg - Wed - Jun 3 2015 - 10:51 AM					

COMPLIANCE TO OBC SB-12 2.1.1.1(11)



WOB PLAN

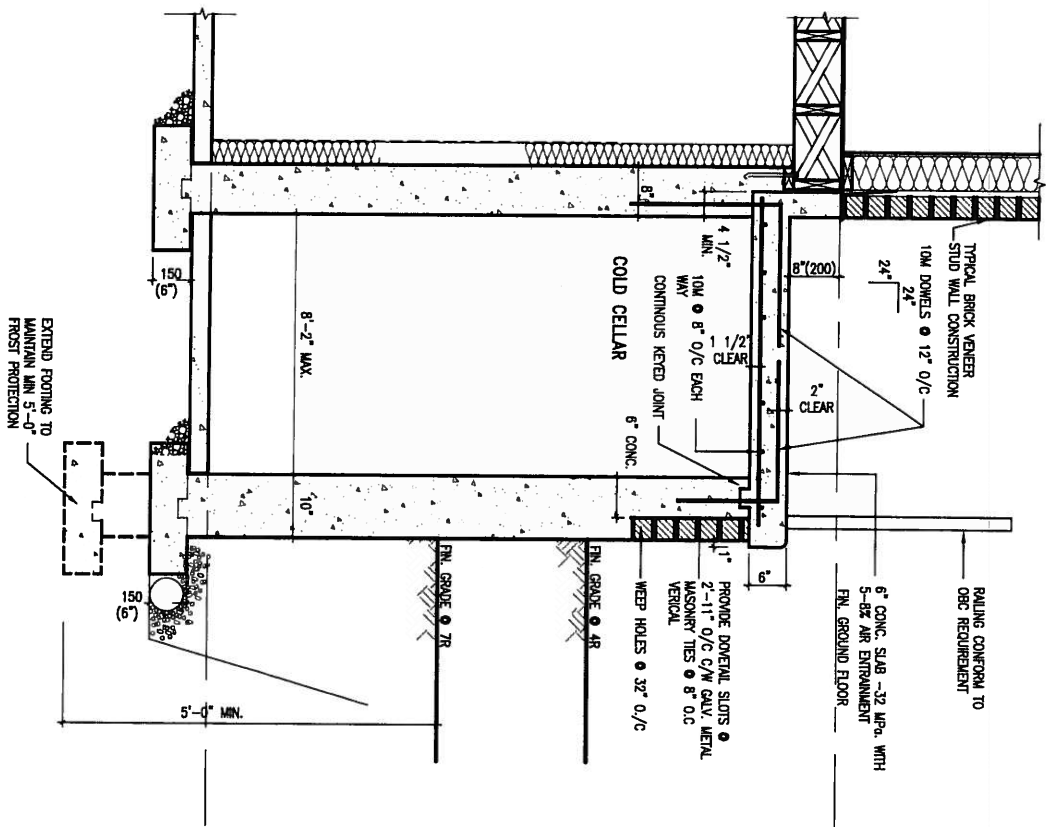


WOB SIDE ELEVATION

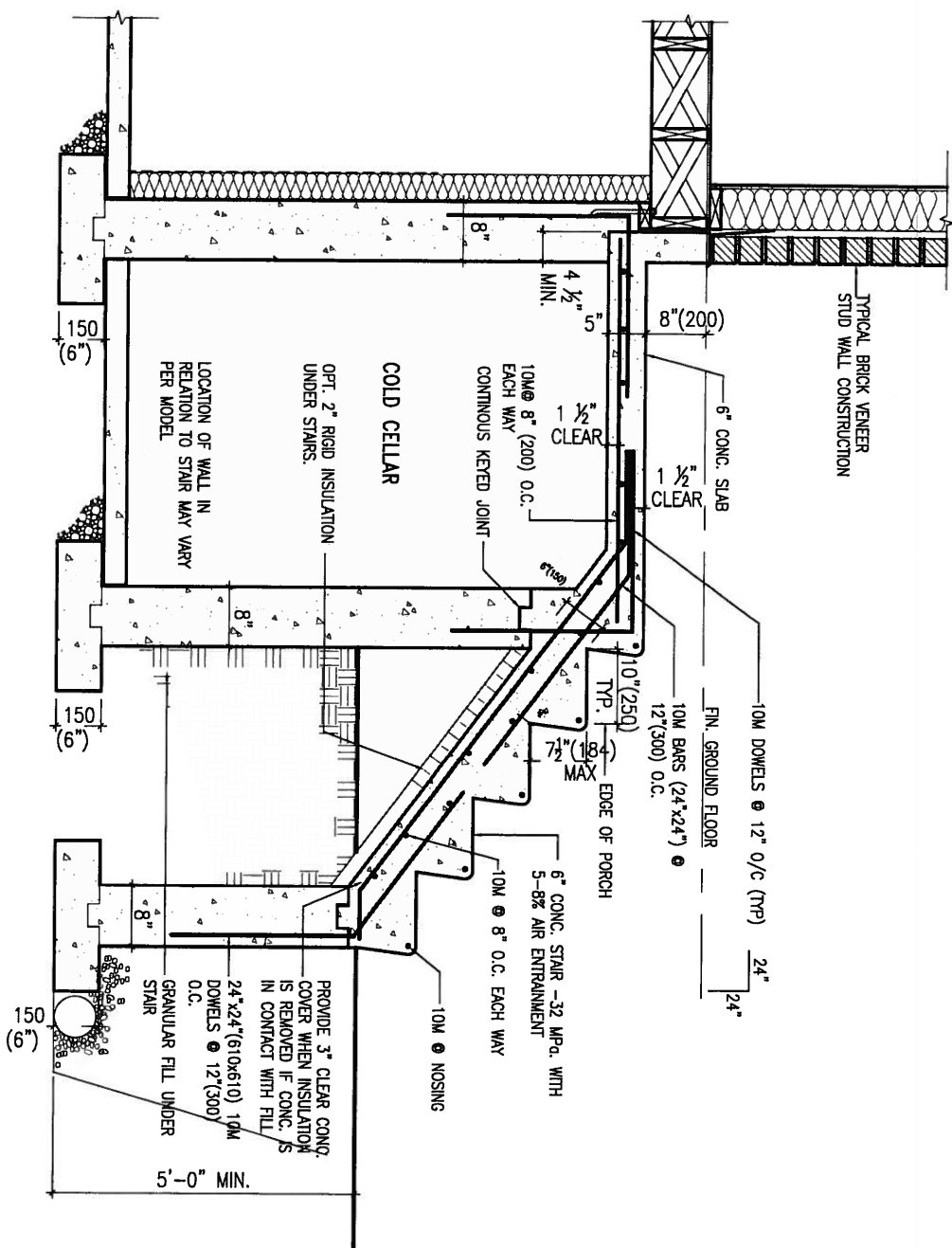
WHEN EXPOSED WALL "A" IS GREATER THAN 50% OF BASEMENT WALL HEIGHT "B" INSULATION VALUE FOR WALL IN SECTION "W" IS NOT LESS THAN IS REQUIRED FOR ABOVE GRADE WALL AS REQUIRED BY TABLE 2.1.1.2A

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

9	.	.	.	The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer. qualification information Wellington Jno-Baptiste 25591 name registration information BCIN VA3 Design Inc. 42658	VA3 DESIGN 300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782 va3design.com	BAYVIEW WELLINGTON		CONST NOTE	
8	.	.	.			project name	municipality	project no.	
7	.	.	.			GREEN VALLEY ESTATES	BRADFORD	13045	
6	.	.	.			date	CONSTRUCTION NOTES		
5	.	.	.			APR 2014	drawing no.		
4	.	.	.	drawn by	checked by	scale	file name	CN7	
3	.	.	.	RC	-	3/16" = 1'-0"	13045-CONST-OBC 2015		
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2	UPDATE TO CODE	APR 16-15	RC	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All 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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no.	description	date	by						



X1 SECTION AT PORCH FOR 4-7R CONDITION
SCALE: N.T.S.



X2 EXTERIOR CONC. STAIR DETAIL (6 RISERS / 7 RISERS SIMILAR)
SCALE: N.T.S.

JULY 3, 2015



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2	UPDATE TO CODE	APR 16-15	RC
1	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC
no.	description	date	by

The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.			
qualification information			
Wellington Jno-Baptiste	signature	25591	BCIN
name registration information			
VAS 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.			

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vas3design.com

BAYVIEW WELLINGTON		CONST NOTE	
project name	GREEN VALLEY ESTATES	municipality	BRADFORD
date	APR 2014	project no.	13045
drawn by	RC	checked by	-
scale	3/16" = 1'-0"	CONSTRUCTION NOTES	
file name	13045-CONST-0BC 2015	drawing no.	CN8
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CONST NOTE

project no. 13045

municipality BRADFORD

CONSTRUCTION NOTES

drawing no. CN9

13045-CONST-08C 2015

BAYVIEW WELLINGTON

project name GREEN VALLEY ESTATES

date APR 2014

drawn by RC

checked by

scale 3/16" = 1'-0"

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qualification information

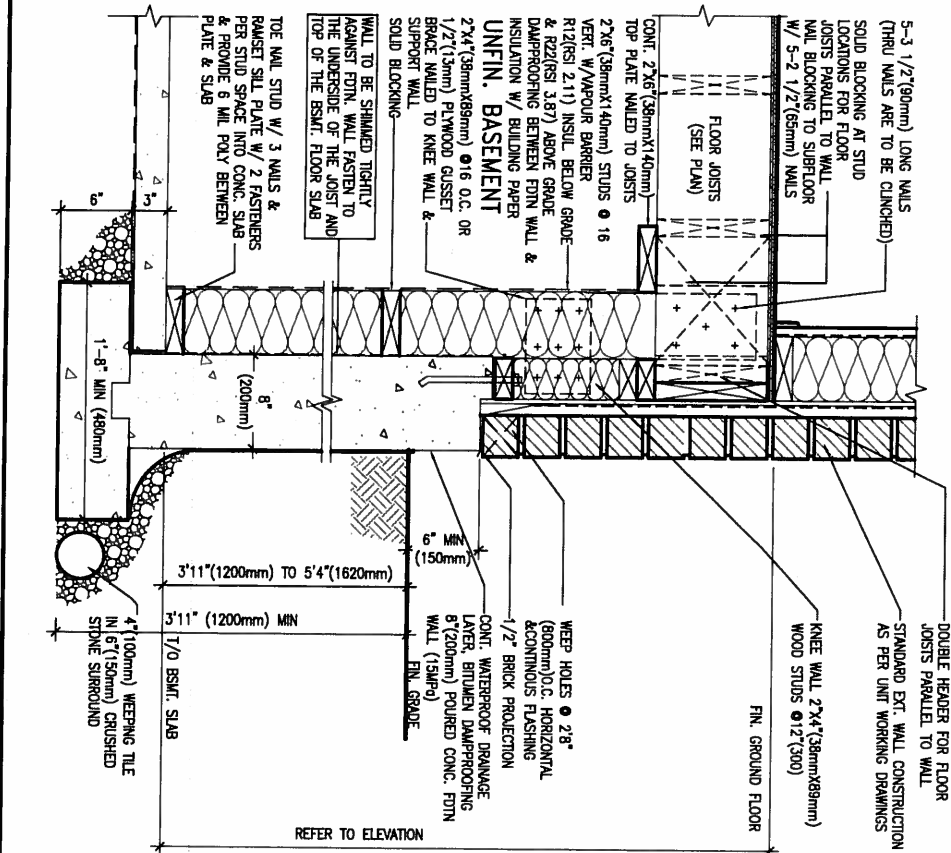
Wellington Jno-Baptiste

25591

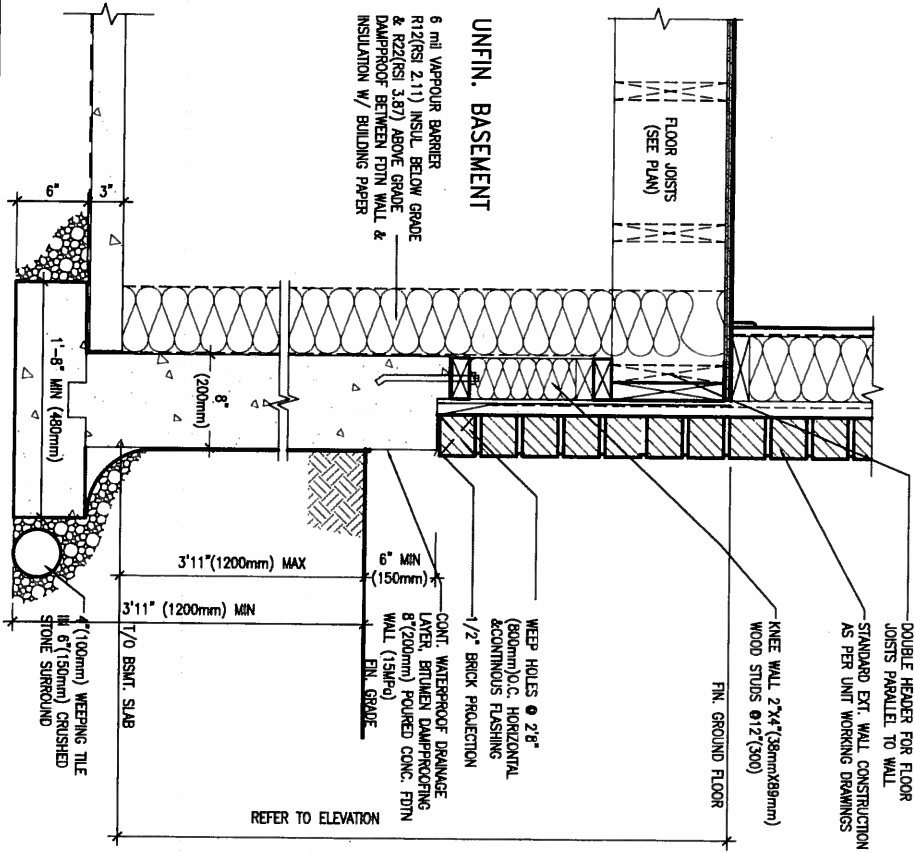
name registration information VA3 Design Inc.

42658

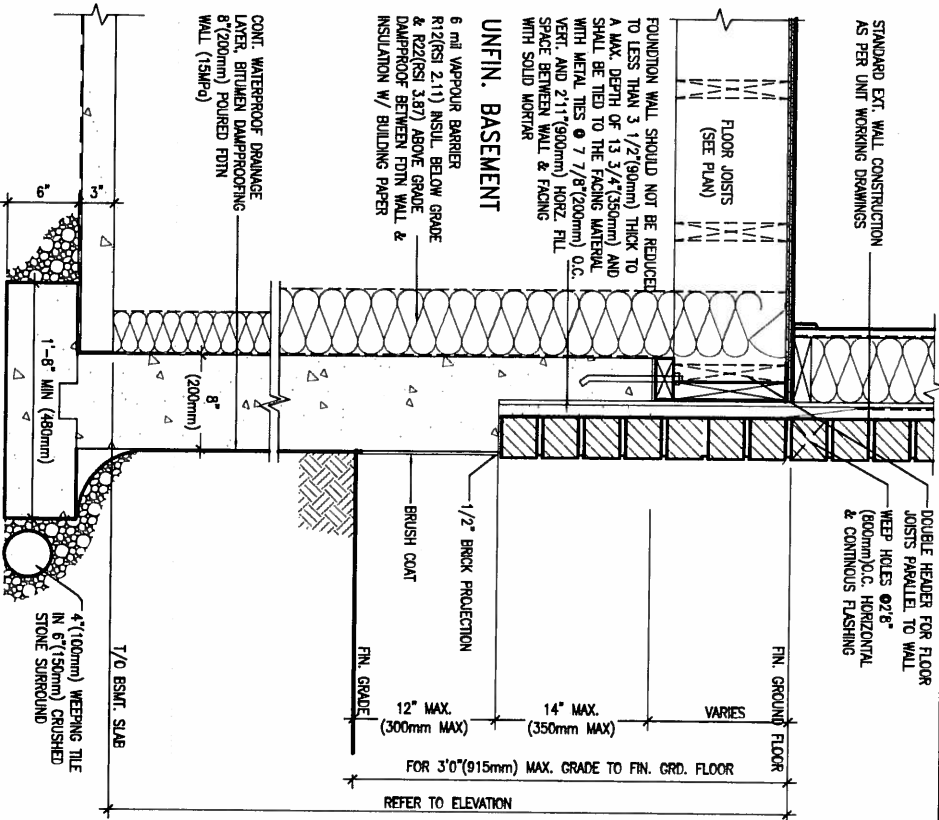
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WALK-OUT WALL SECTION FOR GRADE
EW3.08B HEIGHTS BETWEEN 3'11"(1200mm) AND 5'4"(1620mm) BASEMENT SLAB TO GRADE
N.T.S.

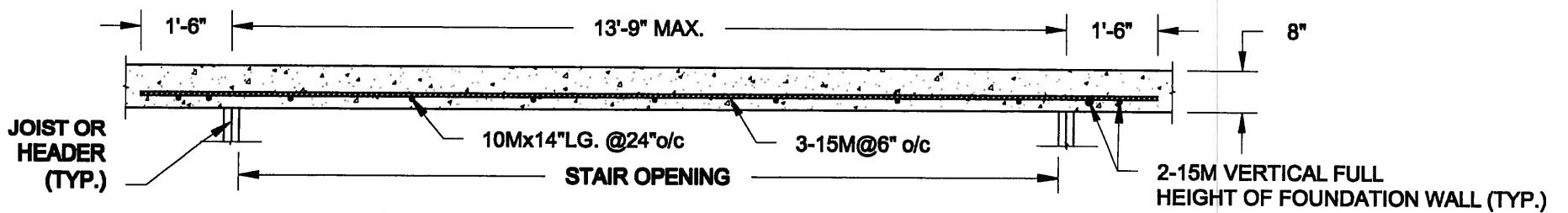


WALK-OUT DECK WALL SECTION FOR GRADE
EW3.07B TO BASEMENT SLAB 3'11"(1200mm) MAX. HEIGHT DIFFERENCE
N.T.S.

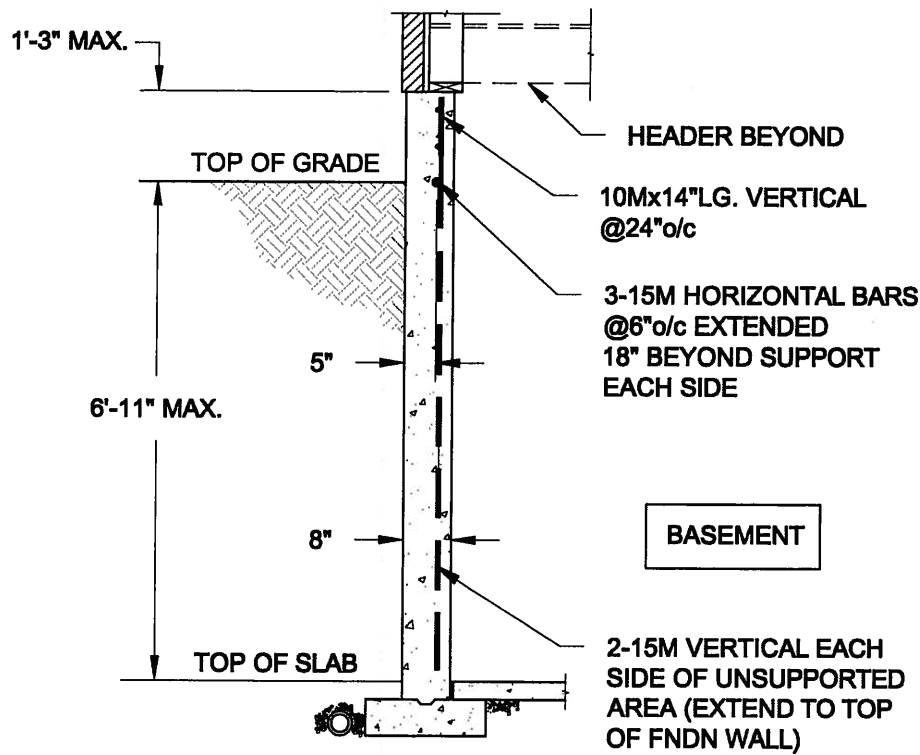


WALK-OUT DECK WALL SECTION FOR GRADE
EW3.06B GRADE TO FIN. FLOOR 3'0"(900mm) MAX. HEIGHT DIFFERENCE
N.T.S.

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2	UPDATE TO CODE	APR 16-15	RC	.	.
1	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC	.	.
no.	description	date	by	.	.



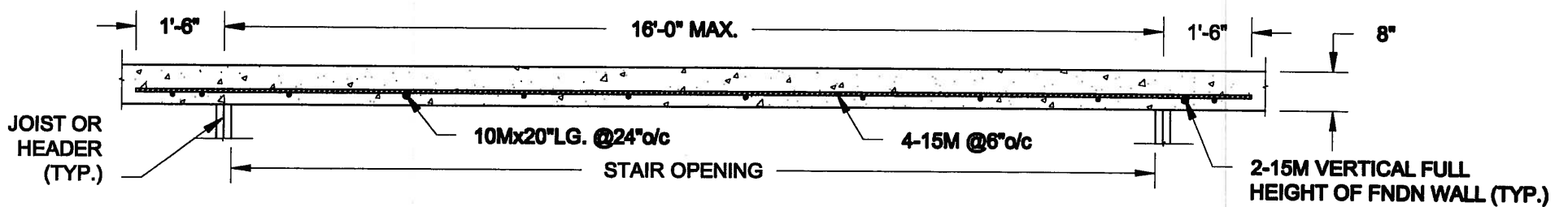
PLAN VIEW
NOT TO SCALE



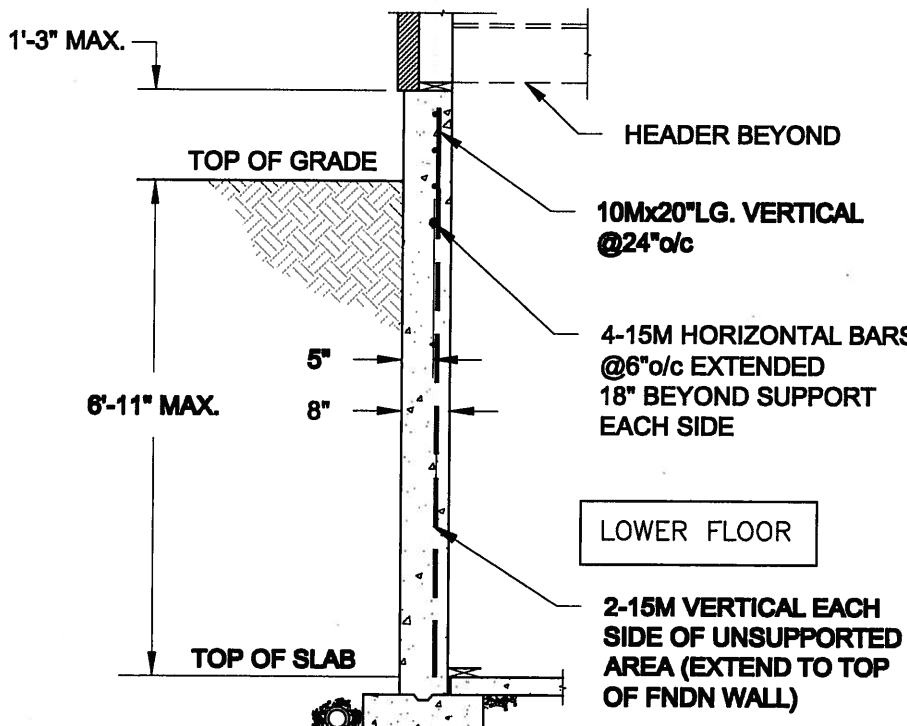
NOTE:

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



PLAN VIEW
NOT TO SCALE



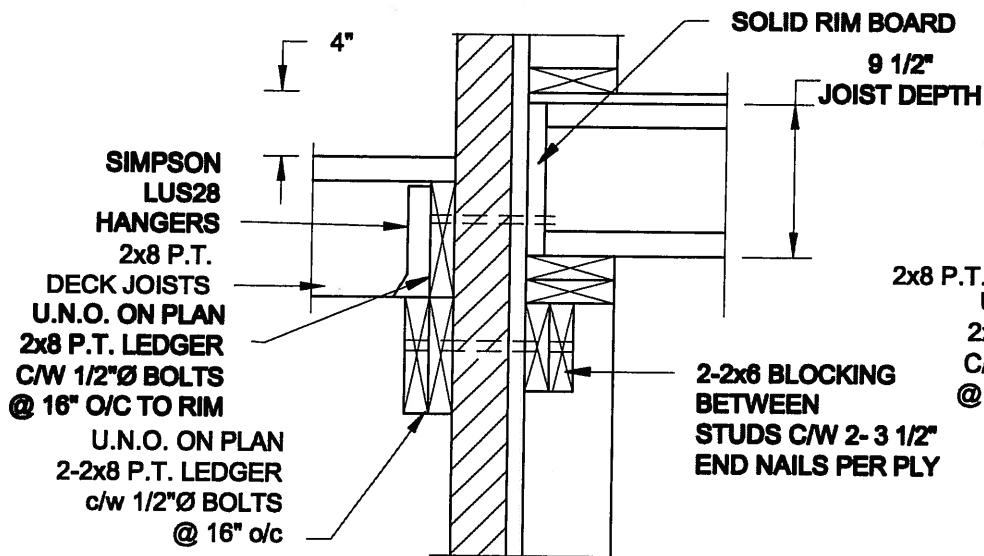
NOTE:

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.

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

Scale: AS NOTED		QUAILE ENGINEERING LTD.  38 Parkside Drive, UNIT 7 Newmarket, ON L3Y 8J9 T: 905-853-8547 E: quaile.eng@rogers.com	Engineer's Seal  S. J. BOYD PROVINCE OF ONTARIO JULY 3, 2015		Project: BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT BRADFORD, ONTARIO	
Date: MAY-27-2014					TYPICAL STRUCTURAL DETAILS	
Drawn: SC	Checked: SJB				Project No.: 14-096	Drawing No.: S1
P:\3amC-08\2014\14-096 BAYVIEW WELLINGTON GREEN VALLEY\14-096.dwg						

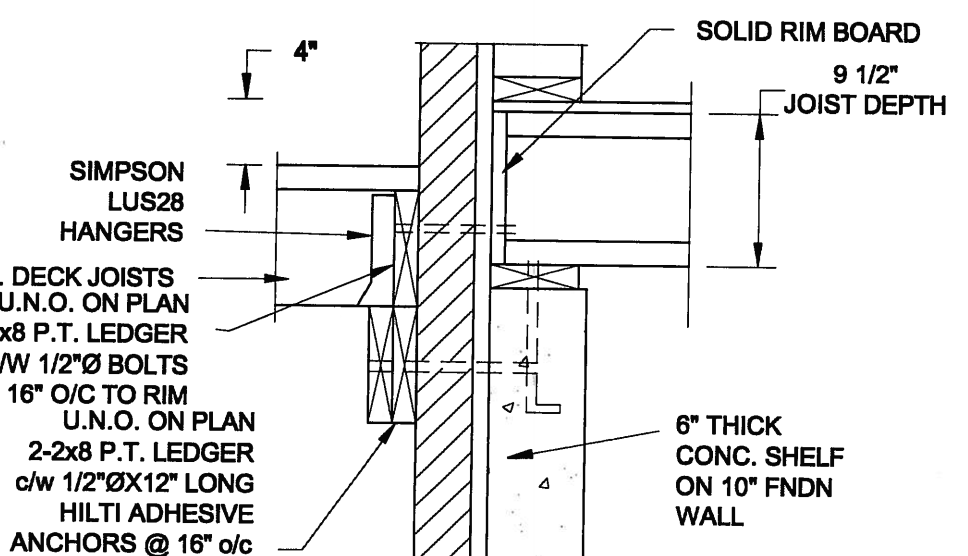
FOR 9 1/2" JOIST DEPTH



1A
S2

DECK FASTENING DETAIL

SCALE: 1" = 1'-0"



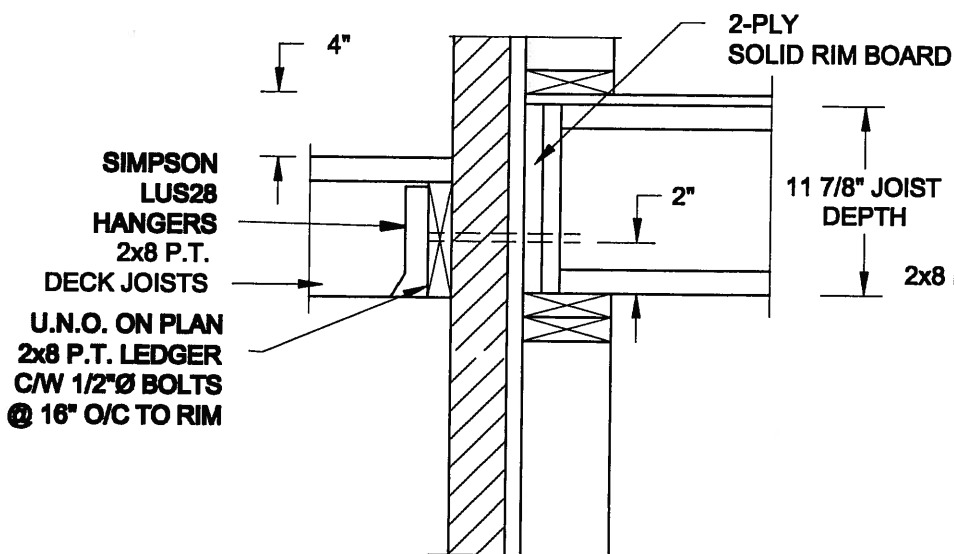
1B
S2

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
2. WHERE BACKFILL HEIGHT > 4'-7", PROVIDE 6" CONC SHELF FOR BRICK VENEER ON 10" THICK CONC FNDN WALL
3. FOOTING TO BE 22"x6" THICK UNLESS NOTED OTHERWISE ON PLAN.

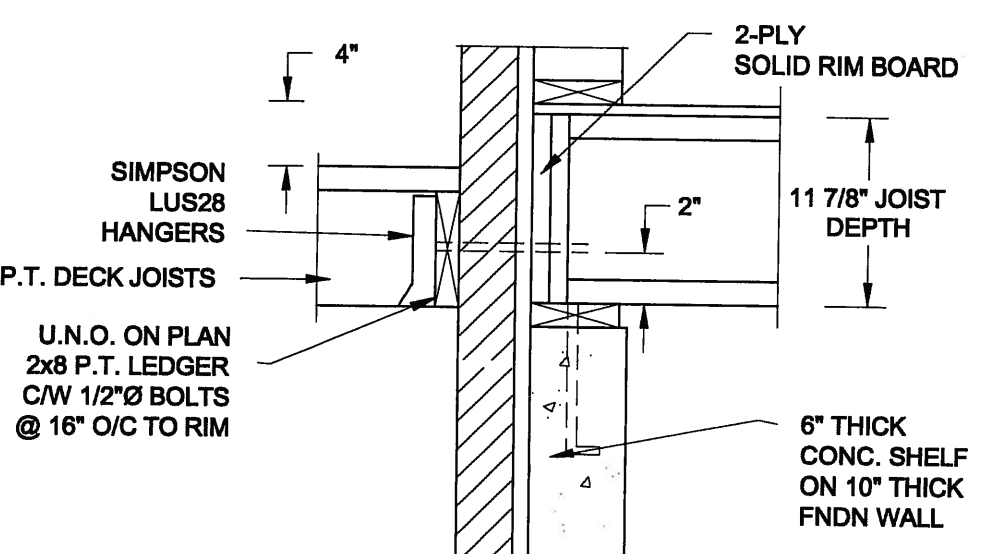
FOR 11 7/8" JOIST DEPTH



2A
S2

DECK FASTENING DETAIL

SCALE: 1" = 1'-0"

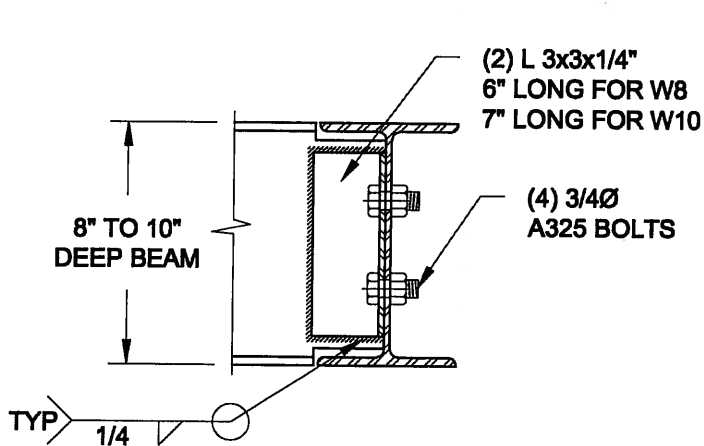


2B
S2

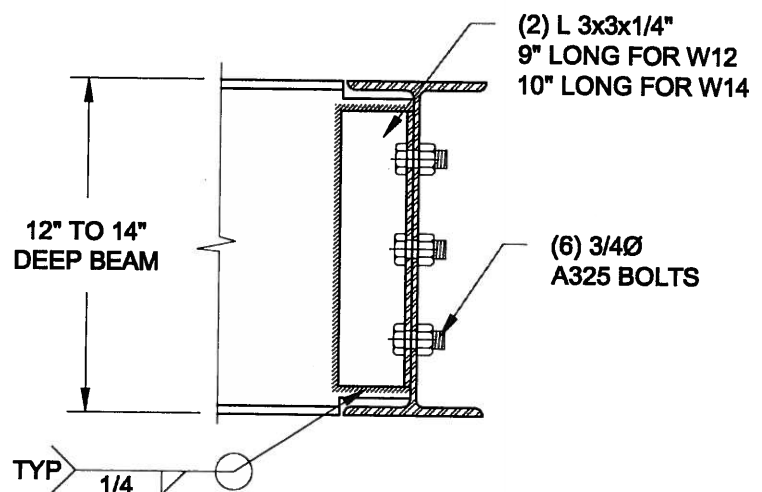
DECK FASTENING DETAIL

SCALE: 1" = 1'-0"

- NOTE: 1. WHERE BACKFILL HEIGHT < 4'-7", PROVIDE 2x6 @ 16" o/c KNEEWALL ON 10" THICK CONC FNDN WALL
2. WHERE BACKFILL HEIGHT > 4'-7", PROVIDE 6" CONC SHELF FOR BRICK VENEER ON 10" THICK CONC FNDN WALL
3. FOOTING TO BE 22"x6" THICK UNLESS NOTED OTHERWISE ON PLAN.



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 (W380x72) BEAM MAX.

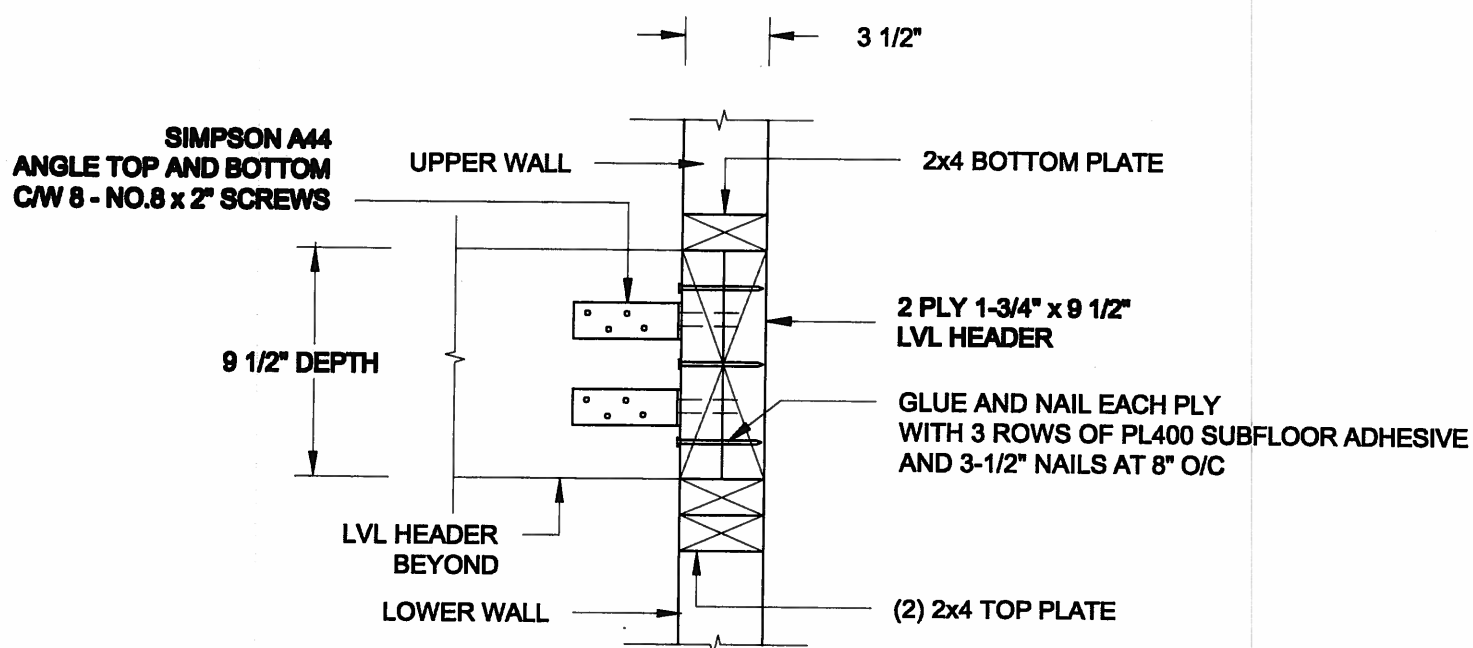
3
S2

STEEL BEAM CONNECTION DETAIL

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

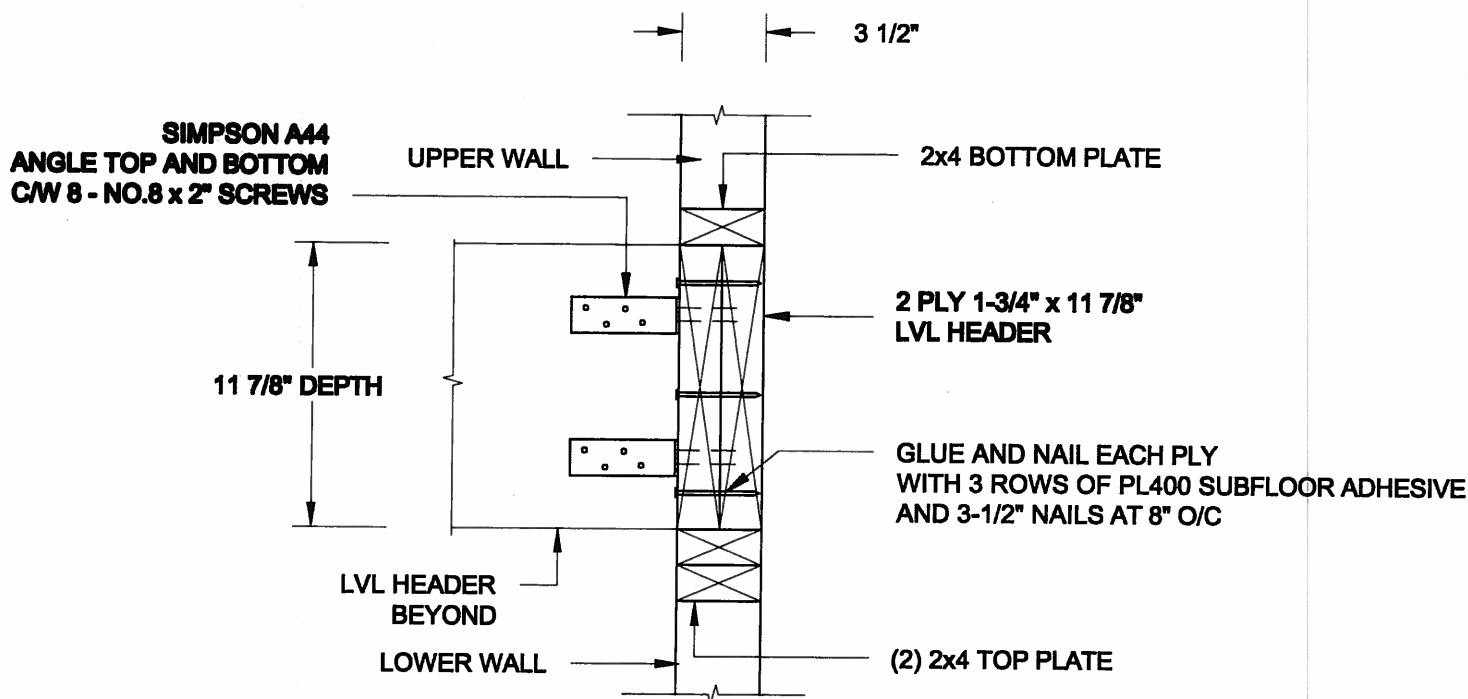
Scale: AS NOTED	QUAILE ENGINEERING LTD.  38 Parkside Drive, UNIT 7 Newmarket, ON L3Y 8J9 T: 905-853-8547 E: quaile.eng@rogers.com	Engineer's Seal:  S. J. BOYD PROVINCE OF ONTARIO JULY 3, 2015	Project: BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT BRADFORD, ONTARIO
Date: MAY-27-2014			TYPICAL STRUCTURAL DETAILS
Drawn: SC	Checked: SJB		Project No.: 14-096
F:\SamC-08\2014\14-096 BAYVIEW WELLINGTON GREEN VALLEY\14-096.dwg			Drawing No.: S2

FOR 9 1/2" JOIST DEPTH



1A STAIR HEADER @ PARTYWALL
S3 SCALE: 1 1/2" = 1'-0"

FOR 11 7/8" JOIST DEPTH



1B STAIR HEADER @ PARTYWALL
S3 SCALE: 1 1/2" = 1'-0"

Scale: AS NOTED	QUAILE ENGINEERING LTD.  38 Parkside Drive, UNIT 7 Newmarket, ON L3Y 8J9 T: 905-853-8547 E: quaile.eng@rogers.com	Engineer's Seal:  JULY 3, 2015	Project: BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT BRADFORD, ONTARIO	
Date: MAY-27-2014			TYPICAL STRUCTURAL DETAILS	
Drawn: SC Checked: SJB			Project No.: 14-096	Drawing No.: S3