

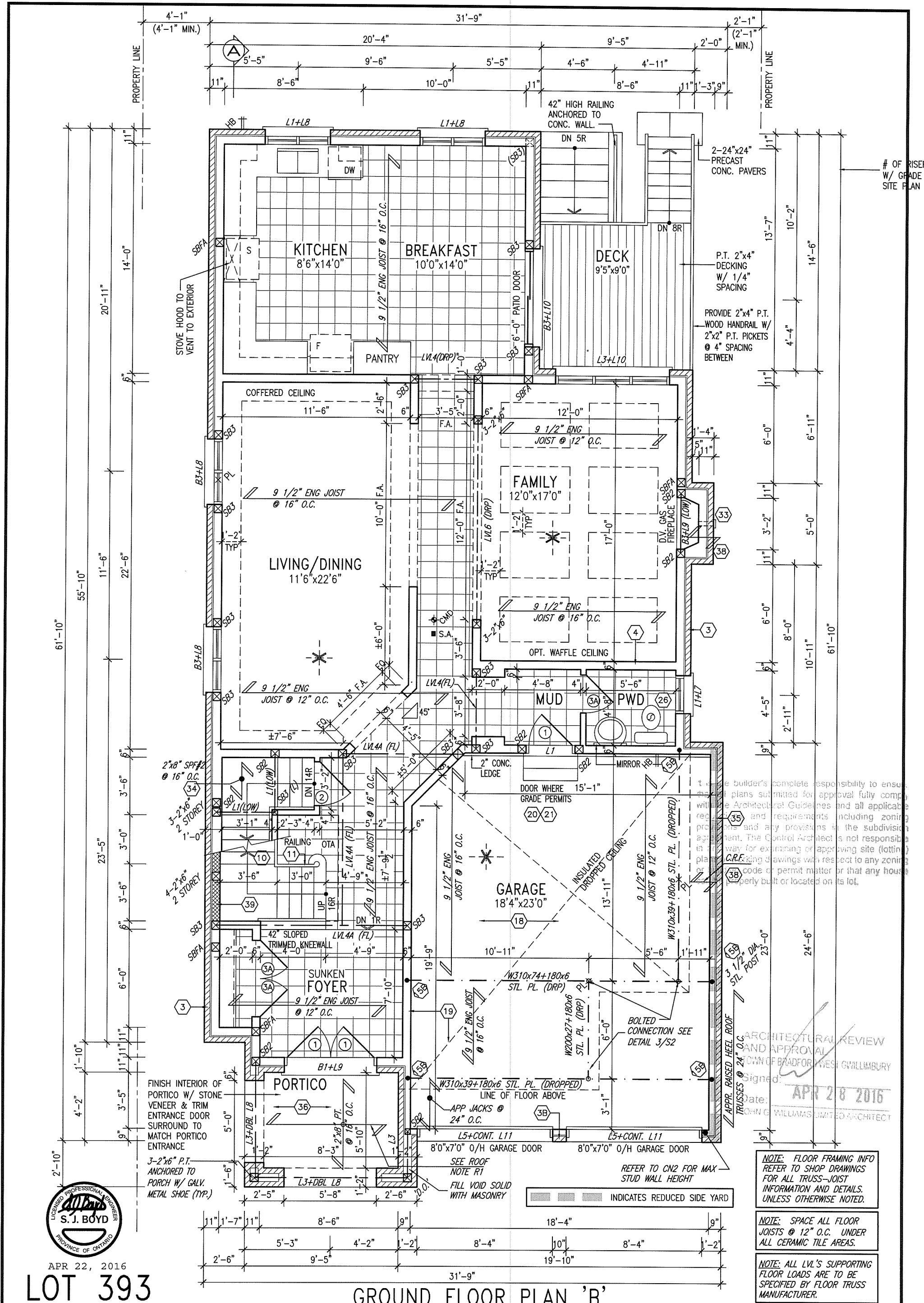
9 .			The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.		
8 .			qualification information		
7 REVISED AS PER ENG COMMENTS			20-04-16 RC		
6 REVISED FOR LOT 393			26-02-16 WT		
5 UPDATE EXTERIOR COL NOTES			21-04-15 RC		
4 UPGRADED REAR ELEVATIONS ADDED			. . .		
3 COLD CELLAR, 5'-0 FROST PROTECTION			14-07-21 QS		
2 REVISED AS PER ENG COMMENTS			14-05-26 RC		
1 ISSUED FOR CLIENT REVIEW			14-04-23 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		
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.		

VA3 DESIGN		
300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782 va3design.com		

BAYVIEW WELLINGTON			S38-5 BAROSSA 5		
project name			municipality		
GREEN VALLEY ESTATES			BRADFORD, ON		
date			project no.		
APR 17/14			13045		
drawing no.			drawing no.		
1			1		

BASEMENT PLAN 'B'		
file name		
13045-S38-5-L0T 393		
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\38\13045-S38-5-L0T 393.dwg - Wed - Apr 20 2016 - 2:05 PM		



9

8

7 REVISED AS PER ENG COMMENTS

20-04-16

RC

6 REVISED FOR LOT 393

26-02-16

WT

5 UPDATE EXTERIOR COL NOTES

21-04-15

RC

4 UPGRADED REAR ELEVATIONS ADDED

14-07-21

QS

3 COLD CELLAR, 5'-0" FROST PROTECTION

14-05-26

RC

2 REVISED AS PER ENG COMMENTS

14-04-23

RC

1 ISSUED FOR CLIENT REVIEW

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

signature

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.

VA3

DESIGN

300A Wilson Avenue

Toronto ON M3H 1S8

t 416.630.2255 f 416.630.4782

va3design.com

BAYVIEW WELLINGTON

project name

GREEN VALLEY ESTATES

BRADFORD, ON

date

APR 17/14

checked by

BDD.BIM

scale

3/16" = 1'-0"

project no.

13045

drawing no.

2

GROUND FLOOR PLAN 'A'

13045-S38-5-L0T 393

RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\38\13045-S38-5-L0T 393.dwg - Wed - Apr 20 2016 - 2:05 PM

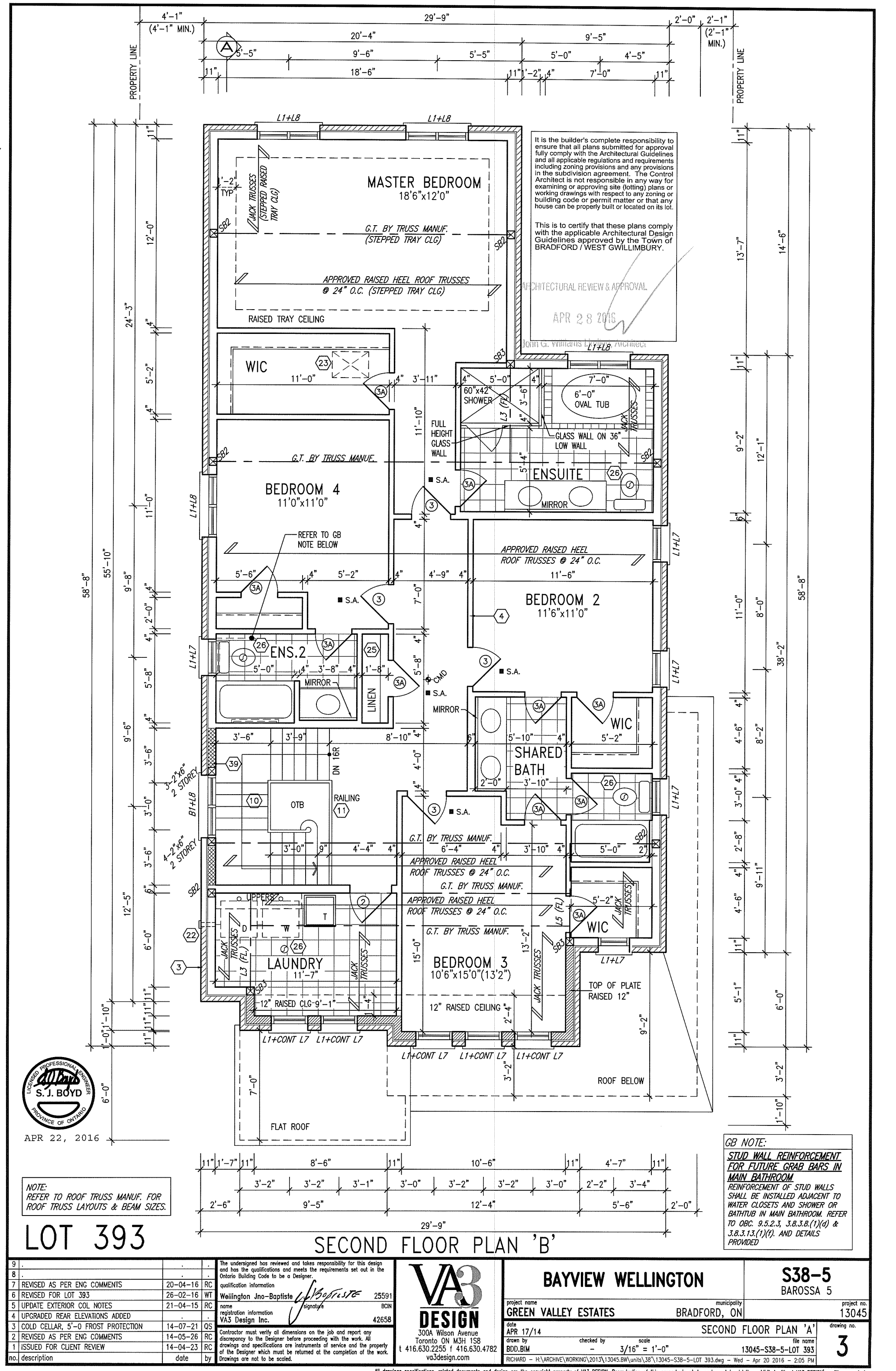
S38-5

BAROSSA 5

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

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

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



NOTE:
REFER TO ROOF TRUSS MANUF. FOR
ROOF TRUSS LAYOUTS & BEAM SIZES.

LOT 393

SECOND FLOOR PLAN 'B'

GB NOTE:
**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). AND DETAILS
PROVIDED

9	.	.	.
8	.	.	.
7	REVISED AS PER ENG COMMENTS	20-04-16	RC
6	REVISED FOR LOT 393	26-02-16	WT
5	UPDATE EXTERIOR COL NOTES	21-04-15	RC
4	UPGRADED REAR ELEVATIONS ADDED		
3	COLD CELLAR, 5'-0" FROST PROTECTION	14-07-21	QS
2	REVISED AS PER ENG COMMENTS	14-05-26	RC
1	ISSUED FOR CLIENT REVIEW	14-04-23	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

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.

**VA3
DESIGN**

300A Wilson Avenue
Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON

project name
GREEN VALLEY ESTATES

drawn by
BDD.BIM

checked by
-

scale
3/16" = 1'-0"

date
APR 17/14

project no.
13045

municipality
BRADFORD, ON

file name
13045-S38-5-LOT 393

SECOND FLOOR PLAN 'A'

RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\38\13045-S38-5-LOT 393.dwg - Wed - Apr 20 2016 - 2:05 PM

**S38-5
BAROSSA 5**

project no.
13045

drawing no.
3

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

ARCHITECTURAL REVIEW & APPROVAL

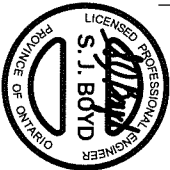
APR 28 2016

John G. Williams Limited, Architect

FRONT ELEVATION 'B'

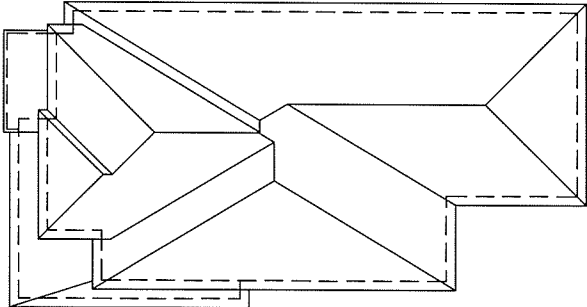
LOT 393

UNINSULATED OPENINGS (PER OBC, SB-12.2.1.1.(7))			
S38-5 LOT 393 ELEVATION B WOD	ENERGY EFFICIENCY - OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	620.00 S.F.	78.44 S.F.	12.65 %
LEFT SIDE	1252.00 S.F.	96.44 S.F.	7.70 %
RIGHT SIDE	1242.00 S.F.	88.43 S.F.	7.12 %
REAR	720.00 S.F.	166.10 S.F.	23.07 %
TOTAL SQ. FT.	3834.00 S.F.	429.41 S.F.	11.20 %
TOTAL SQ. M.	356.19 S.M.	39.89 S.M.	11.20 %



APR 22, 2016

ROOF PLAN 'B'



BAYVIEW WELLINGTON

S38-5
BAROSSA 5

project name	GREEN VALLEY ESTATES	municipality	BRADFORD, ON	project no.	13045
date	APR 17/14	checked by	scale	FRONT ELEVATION 'B'	drawing no.
drawn by	BDD.BIM		3/16" = 1'-0"	13045-S38-5-LOT 393	4
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\38\13045-S38-5-LOT 393.dwg - Wed - Apr 20 2016 - 2:05 PM					



300A Wilson Avenue
Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782
va3design.com

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-Baptista 25591
name registration information 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.

REFER TO FRONT ELEVATION FOR
TYPICAL NOTES.

$$\begin{array}{ccccccc} 1' & 0'' & 1' & -0'' & 1' & 0'' & 1' \\ \times & \times & \times & \times & \times & \times & \times \\ \hline \end{array}$$

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

APR 22, 2016



ARCHITECTURAL REVIEW & APPROVAL

2022

John G. Williams Limited, Architect

BAYVIEW WELLINGTON

S38-5
BAROSSA 5

project name	municipality
GREEN VALLEY ESTATES	BRADFORD, ON

LEFT SIDE ELEVATION 'B'

drawn by	checked by	scale	file name
BDD.BIM	-	3/16" = 1'-0"	13045-S38-5-LOT 393

RICHARD - H:\ARCHIVE\WORKING\2013\13045.BIM\units\38'\13045-S38-5-LOT 393.dwg - Wed - Apr 20 2016 - 2:05 PM

drawing no.

5

WALL AREA	1246.03 SQ. FT.
LIMITING DISTANCE	1.2 M (7%)
OPENINGS ALLOWED	87.22 SQ. FT.
OPENINGS PROVIDED	62.35 SQ. FT.
(GLASS AREA ONLY)	

LEFT SIDE ELEVATION 'B'

LOT 393

9	.	.	.
8	.	.	.
7	REVISED AS PER ENG COMMENTS	20-04-16	RC
6	REVISED FOR LOT 393	26-02-16	WT
5	UPDATE EXTERIOR COL NOTES	21-04-15	RC
4	UPGRADED REAR ELEVATIONS ADDED	.	.
3	COLD CELLAR, 5'-0" FROST PROTECTION	14-07-21	QS
2	REVISED AS PER ENG COMMENTS	14-05-26	RC
1	ISSUED FOR CLIENT REVIEW	14-04-23	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	BCIN
signature	
registration information	
VA3 Design Inc.	42658

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

**VA3
DESIGN**

300A Wilson Avenue
Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782
va3design.com

All drawings specifications, related documents and design are the copyright property of VA3 DESIGN. Reproduction of this property in whole or in part is strictly prohibited without VA3 DESIGN's written permission

REFER TO FRONT ELEVATION FOR
TYPICAL NOTES.

1'-0"

1'-0"

1'-0"

1'-0"

1'-0"

1'-0"

1'-0"

APR 22, 2016



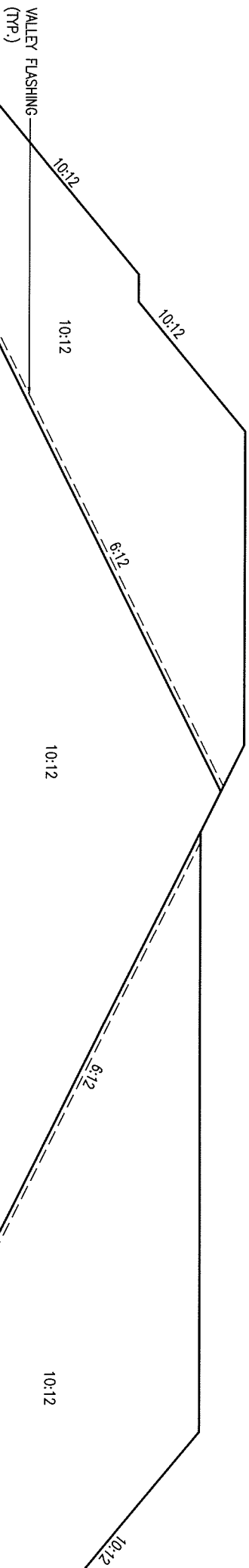
It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible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

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

ARCHITECTURAL REVIEW & APPROVAL

APR 28 2016

John G. Williams Limited, Architect



PREFIN. MTL.
FLASHING, W/
CAULKING TO
MATCH (TYP)

5:12

16:12

10:12

8:12

10:12

10:12

10:12

TOP OF PLATE

TOP OF WINDOW

FIN SECOND FLOOR

TOP OF TRANSOM

TOP OF WINDOW/DOOR

FIN GROUND FLOOR

FIN GRADE

TOP OF SLAB

8'-5"

9'-11"

6'-10"

1'-0"

6'-10"

8'-1"

6'-10"

1'-0"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

6'-10"

1'-0"

6'-10"

6'-10"

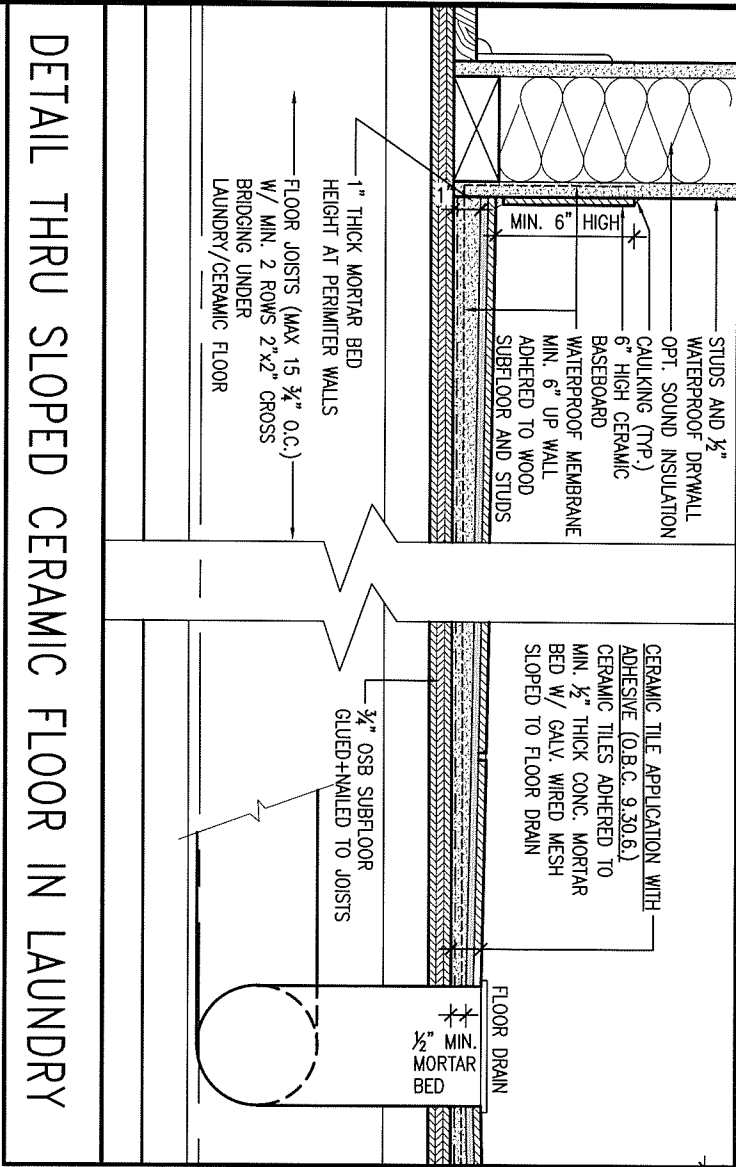
6'-10"

1'-0"

6'-10"

6'-10"

REFER TO FRONT ELEVATION FOR
TYPICAL NOTES.



AREA CALCULATIONS	ELEV. B
GROUND FLOOR AREA	1251 SF
SECOND FLOOR AREA	1559 SF
SUBTOTAL	2810 SF
DEDUCT ALL OPEN AREAS	13 SF
TOTAL NET AREA	2797 SF
	(259.85 m ²)
FINISHED BSMT AREA	0 SF
COVERAGE	1704 SF
W/OUT PORCH	(158.31 m ²)
COVERAGE	1774 SF
W/ PORCH	(164.81 m ²)

6"x6" P.I. WOOD POST
BOLTED TO GALV. METAL
SHOE SET INTO 12"
DIA. CONC. PIER TO
EXTEND 6" ABOVE
GRADE AND 5'-0"
BELOW GRADE (TYP.)

42" HIGH P.I. RAILING W/
PICKETS @ 4" O.C. W/
4"x4" MIDPOST @ 50"
O.C. MAX. (TYP.)



APR 22, 2016

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 working drawings, approvals, permits or building code or permit matter or that any house can be properly built or located on its lot.

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

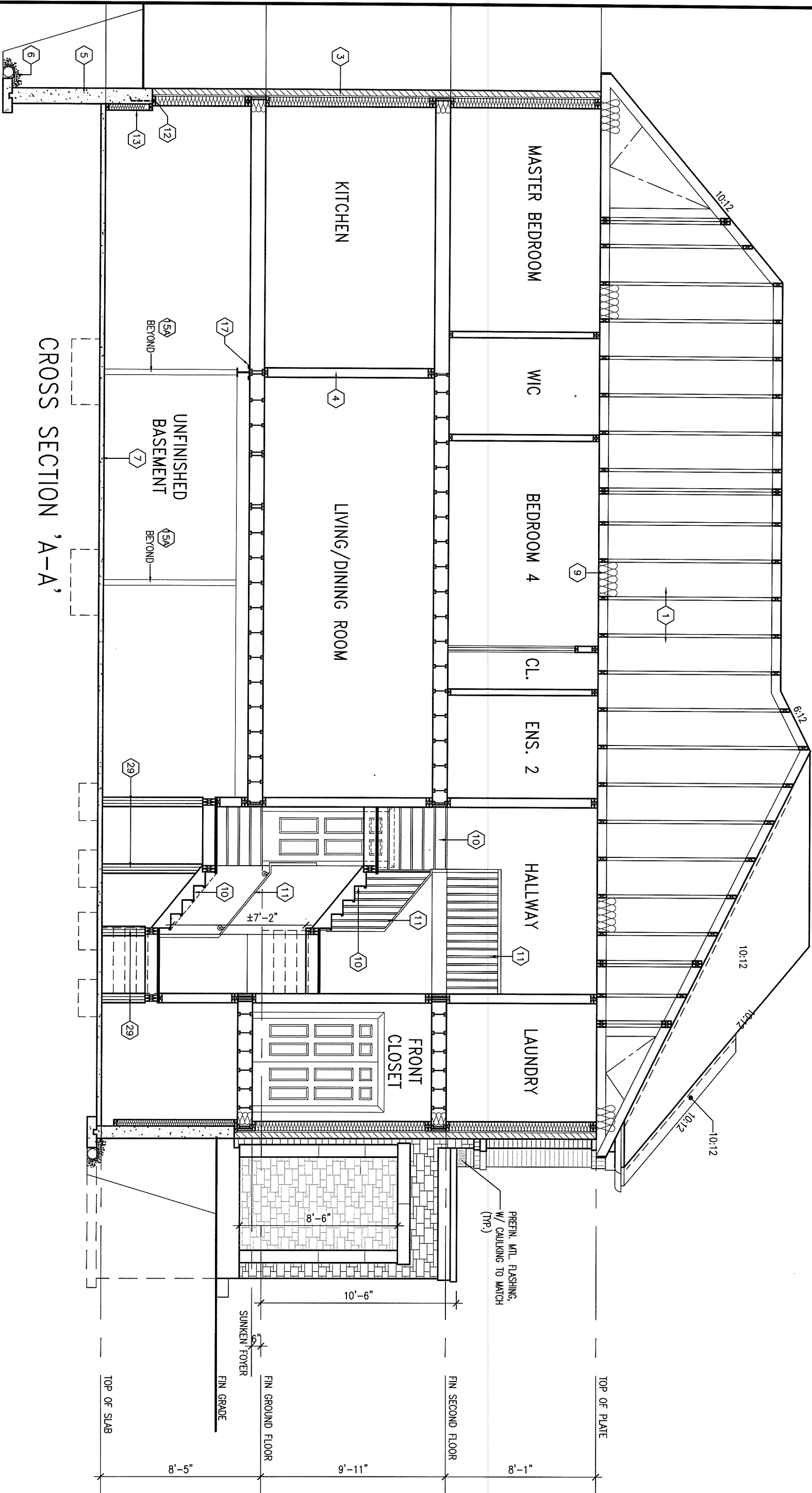
ARCHITECTURAL REVIEW & APPROVAL
APR 28 2016
John G. Williams Limited, Architect

no.	description	date	by
9	.	.	.
8	.	.	.
7	REVISED AS PER ENG COMMENTS	20-04-16	RC
6	REVISED FOR LOT 393	26-02-16	WT
5	UPDATE EXTERIOR COL NOTES	21-04-15	RC
4	UPGRADED REAR ELEVATIONS ADDED	.	.
3	COLD CELLAR, 5'-0 FROST PROTECTION	14-07-21	QS
2	REVISED AS PER ENG COMMENTS	14-05-26	RC
1	ISSUED FOR CLIENT REVIEW	14-04-23	RC

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	BCIN	
name		42658	
registration information			
VA3 Design Inc.			
Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.			

VA3 DESIGN
300A Wilson Avenue
Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON		S38-5	
GREEN VALLEY ESTATES		BAROSSA 5	
project name	municipality	project no.	13045
date	checked by	scale	file name
APR 17/14	-	3/16" = 1'-0"	13045-S38-5-LOT 393
drawing no. 7			
REAR ELEVATION 'B'			
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\38\13045-S38-5-LOT 393.dwg - Wed - Apr 20 2016 - 2:05 PM			



CROSS SECTION 'A-A'

LOT 393

no.	description	date	by
9	.	.	.
8	.	.	.
7	REVISED AS PER ENG COMMENTS	20-04-16	RC
6	REVISED FOR LOT 393	26-02-16	WT
5	UPDATE EXTERIOR COL NOTES	21-04-15	RC
4	UPGRADED REAR ELEVATIONS ADDED	.	.
3	COLD CELLAR, 5'-0 FROST PROTECTION	14-07-21	QS
2	REVISED AS PER ENG COMMENTS	14-05-26	RC
1	ISSUED FOR CLIENT REVIEW	14-04-23	RC

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	BCIN
name		
registration information		
VA3 Design Inc.	42658	
Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.		

VA3
DESIGN
300A Wilson Avenue
Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON

project name	GREEN VALLEY ESTATES	municipality	BRADFORD, ON
date	APR 17/14	checked by	BDD.BIM
scale	3/16" = 1'-0"		

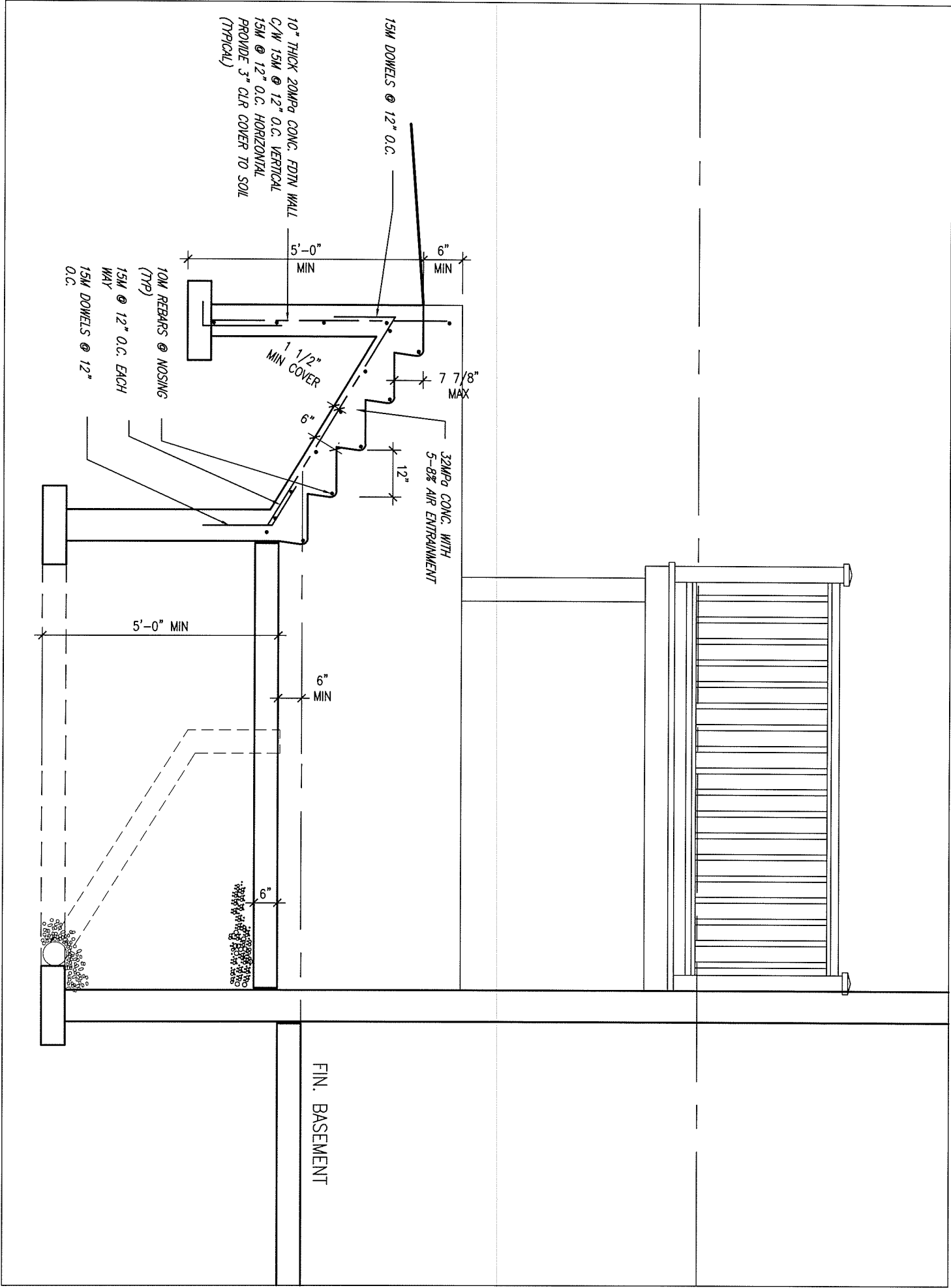
S38-5
BAROSSA 5

project no.	13045
drawing no.	8

CROSS SECTION 'A-A'

13045-S38-5-LOT 393

APR 22, 2016



B

SECTION THROUGH (EXTERIOR STAIR TO BASEMENT)

SCALE 3/8"=1'0"



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.				BAYVIEW WELLINGTON		S38-5 BAROSSA 5	
8 .		-									
7 REVISED AS PER ENG COMMENTS		20-04-16	RC	qualification information				25591		project no. 13045	
6 REVISED FOR LOT 393		26-02-16	WT	Wellington Jno-Baptiste							
5 UPDATE EXTERIOR COL NOTES		21-04-15	RC	name		BCIN		BRADFORD, ON		project no.	
4 UPGRADED REAR ELEVATIONS ADDED				registration information		42658		GREEN VALLEY ESTATES		13045	
3 COLD CELLAR, 5'-0 FROST PROTECTION		14-07-21	QS	VA3 Design Inc.				date		drawing no.	
2 REVISED AS PER ENG COMMENTS		14-05-26	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.		300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782 va3design.com		APR 17/14		CROSS SECTION B	
1 ISSUED FOR CLIENT REVIEW		14-04-23	RC					drawn by		file name	
no. description		date	by					BDD.B/M		13045-S38-5-L0T 393	
								checked by		scale	
								-		3/16" = 1'-0"	
										13045-S38-5-L0T 393	
										RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\38'\13045-S38-5-L0T 393.dwg - Wed - Apr 20 2016 - 2:05 PM	

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. QNT. 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-HIGHT 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, 22x180x0.76mm (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, 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 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, 22x180x0.76mm (7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL 600mm (24") O.C. VERTICAL, APPR. SHEATHING PAPER, 9.5mm (3/8") EXT. TYPE SHEATHING, 38x89 (2"x4") STUDS @ 400mm (16") O.C. (MAX. HEIGHT 3000mm 9'-10") WITH APPR. DIAGONAL WALL BRACING, PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER, BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.

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

6. **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")
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 (7'1"). 1070mm (42") HIGH GUARD IS REQUIRED WHERE DISTANCE EXCEEDS 1800mm (7'1").

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

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

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 (1'4"x6") CONC. FOOTING. ADD HORIZ. BLOCKING AT MID-HEIGHT IF WALL IS UNFINISHED.

STEEL BEARING 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/CSG58-7.2-9.4, AND WITH 150x150x9.5 (6"x6"x3/8") STL. PLATE TOP & BOTTOM, 870x870x140 (34"x34"x16") CONC. FOOTING ON UNDISTURBED SOIL OR ENGINEERED FILL CAPABLE OF SUSTAINING A PRESSURE OF 150 Kpa. MINIMUM AND AS PER SOILS REPORT.

STEEL BASEMENT COLUMN (SEE O.B.C. 9.15.3.3)
89mm (3-1/2") DIA x 4.78mm (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.

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. 9.10.9.16. 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. 9.8.9.2., 9.8.9.3. & 9.8.10.

22. **DRYER EXHAUST (OBC-6.2.3.8.(7) & 6.2.4.1.)**
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.F.T.) WITH WEATHERSTRIPPING. RSI 3.52 (R20) RIGID INSUL. BACKING.

24. **FIREPLACE CHIMNEYS OBC. 9.2.1.**
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"x1"x5/8") STL. PLATE FOR STL BEAMS AND 280x280x12 (11"x1"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. RESERVED

29. **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 9.39.)**
FOR MAX. 2500mm (8'-2") PORCH DEPTH (SHORTEST DIM.), 125mm (5") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT, REIN. 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) LINTEL 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 (2.0Kpa. 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 UNOBSTRUCTED 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. 8 9.7.3. & SB12-2.1.1.8

GENERAL: 1) MECHANICAL VENTILATION IS REQUIRED TO COMPLY WITH OBC-DIV. 8. 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. 9.2.5.3. 3.8.3.8.(1)(d) & 3.8.3.13.(1)(f) FOR SEE DETAIL.
5) ALL EXTERIOR DOORS TO COMPLY WITH THERMAL RESISTANCE AS STATED IN O.B.C. SB-12-2.1.1.9.
6) ALL AIR BARRIER SYSTEMS ARE REQUIRED TO COMPLY WITH O.B.C. DIV. 8-9.2.5.3.

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

LVL BEAMS SHALL BE 2.0F -2950FS 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 2 mil. POLYETHYLENE FILM, No. 50 (45lb) 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
DUPLX OUTLET (12" ABOVE SURFACE)
WEATHERPROOF DUPLET OUTLET
POINT LIGHT
LIGHT FIXTURE (PULL CHAIN)
SWITCH
EXHAUST FAN TO EXTERIOR
DUPLX OUTLET (HEIGHT A.F.F)
GFI DUPLEX OUTLET (HEIGHT A.F.F)
HEAVY DUTY OUTLET (220 volt)
LIGHT FIXTURE (CEILING MOUNTED)
LIGHT FIXTURE (WALL MOUNTED)
HOSE BIB (NON-FREEZE)

SJ SINGLE JOIST
DJ DOUBLE JOIST
TJ TRIPLE JOIST
LVL LAMINATED VENEER LUMBER
POINT LOAD FROM ABOVE

P.T. PRESSURE TREATED LUMBER
G.T. GIRDER TRUSS BY ROOF TRUSS MANUF.
F.A. FLAT ARCH
C.A. CURVED ARCH
M.C. MEDICINE CABINET (RECESSED)
CONC. BLOCK WALL
DOUBLE VOLUME WALL
SEE NOTE (39.)
SOLID WOOD BEARING (SPRUCE No. 2).
SOLID BEARING TO BE AS WIDE AS SUPPORTED MEMBER OR AS DIRECTED BY STRUCTURAL ENGINEER.
SOLID BEARING TO BE MINIMUM 2 PIECES.
SOLID WOOD BEARING TO MATCH FROM ABOVE

APR 22, 2016

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.

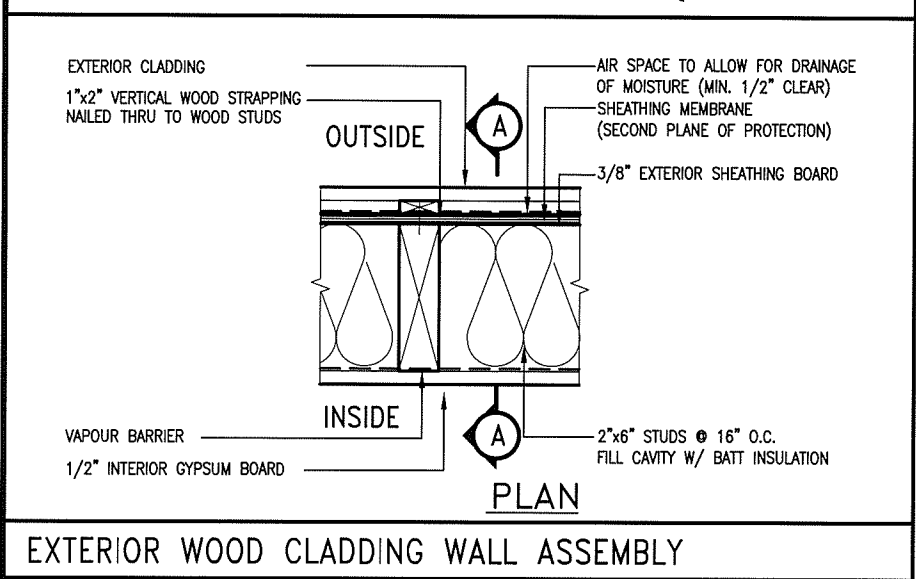
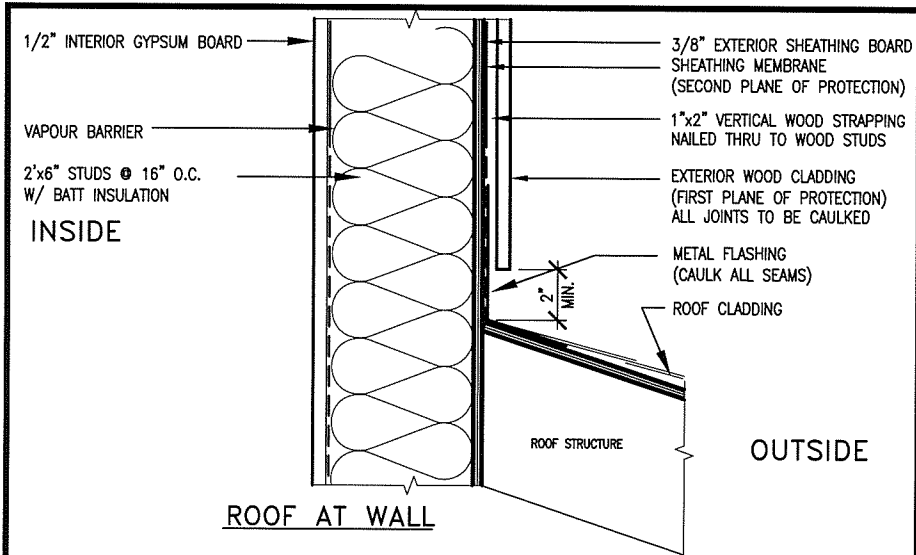
39. **TWO STOREY VOLUME SPACES**
-FOR A MAXIMUM 5490 mm (18'-0") HEIGHT AND MAXIMUM SUPPORTED ROOF TRUSS LENGTH OF 6.0m, PROVIDE 2-38x140 (2-2"x6") SPR.#2 CONTIN. STUDS @ 300mm (12") O.C. (TRIPLE UP AT EVERY THIRD DOUBLE STUD FOR BRICK WALLS) C/W 9.6 (3/8") THICK EXT. PLYWOOD SHEATHING, PROVIDE SOLID 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-NAILED & 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.

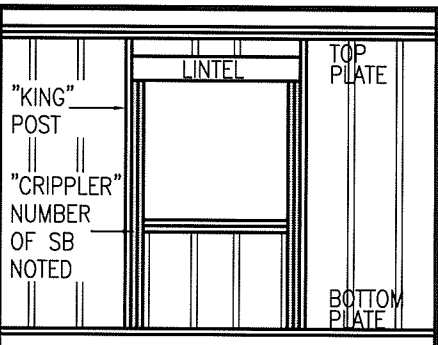
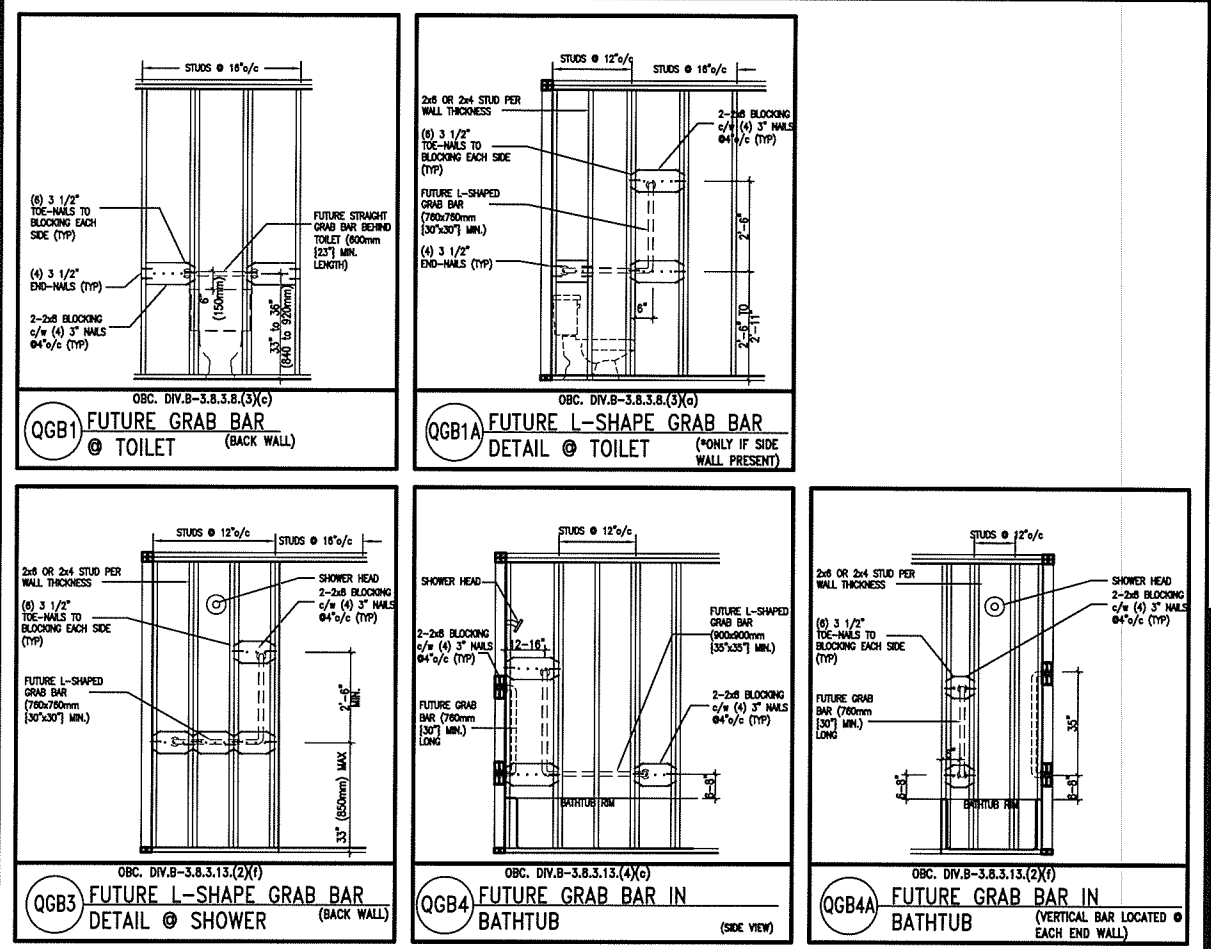
ONT. REG.



APR 22, 2016

EXTERIOR WOOD CLADDING WALL ASSEMBLY

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)(c) & 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"
2-2"x4" @ 12" O.C. - 10'-9"
3-2"x4" @ 16" O.C. - 11'-2"
3-2"x4" @ 12" O.C. - 12'-4"

NOTES:
1. FOR ROOF DESIGN SNOW LOAD OF 2.5 KPa.
2. SUPPORTED ROOF TRUSS LENGTH OF 6.0m AND FLOOR JOIST LENGTH OF 2.5m OF ONE FLOOR.
3. PROVIDE HORIZONTAL SOLID BLOCKING @ 1200 O.C. (4'-0")
4. PROVIDE A MINIMUM OF 9.5mm (3/8") PLYWOOD OR OSB EXTERIOR SHEATHING ON THE EXTERIOR FACE.
5. FOR A 1/50 YEAR REFERENCE WIND PRESSURE OF 0.6 KPa.
6. 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"

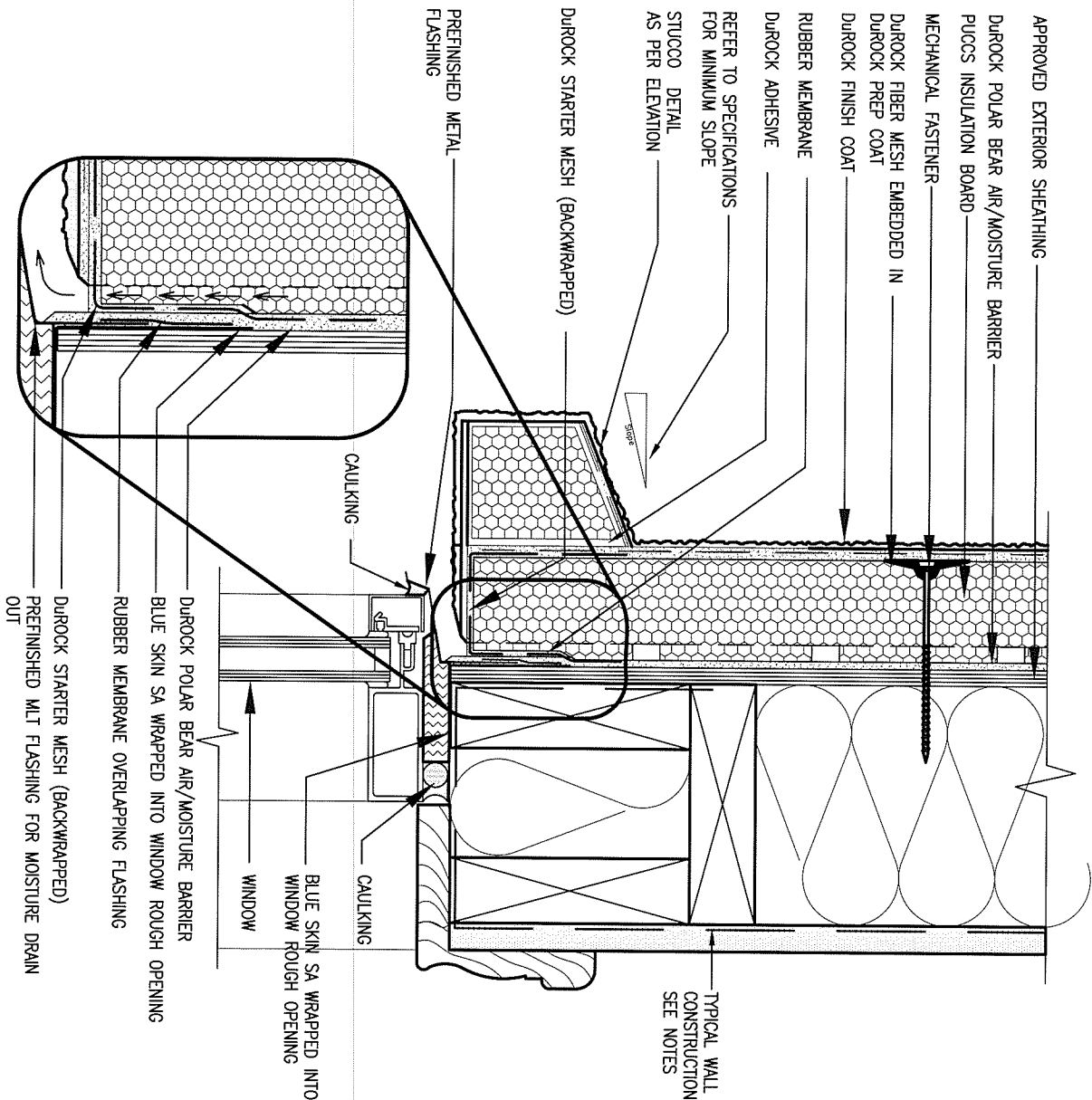
MAX. HEIGHT FOR 2"x8" EXTERIOR WALL IS AS FOLLOW:
2"x8" @ 16" O.C. - 16'-0"
2"x8" @ 12" O.C. - 17'-9"
2-2"x8" @ 16" O.C. - 20'-4"
2-2"x8" @ 12" O.C. - 22'-4"

NOTES:
1. FOR ROOF DESIGN SNOW LOAD OF 2.5 KPa
2. SUPPORTED ROOF TRUSS LENGTH OF 6.0m ONLY.
3. PROVIDE HORIZONTAL SOLID BLOCKING @ 1200 O.C. (4'-0")
4. 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.
5. WALL FRAMING SHALL CONFORM TO OBC 9.23.10.1.(2)
6. FOR A 1/50 YEAR REFERENCE WIND PRESSURE OF 0.6 KPa
7. STUDS GREATER THAN 9'-10" HIGH TO BE No. 2 SPF.
8. 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.	VA3 DESIGN 300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782 va3design.com	BAYVIEW WELLINGTON	project name GREEN VALLEY ESTATES	municipality BRADFORD	project no. 13045	CONST NOTE
8	.	.	.	qualification information Wellington Jno-Baptiste 25591						
7	.	.	.	name VA3 Design Inc. 42658						
6	.	.	.	registration information VA3 Design Inc.						
5	.	.	.							
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							



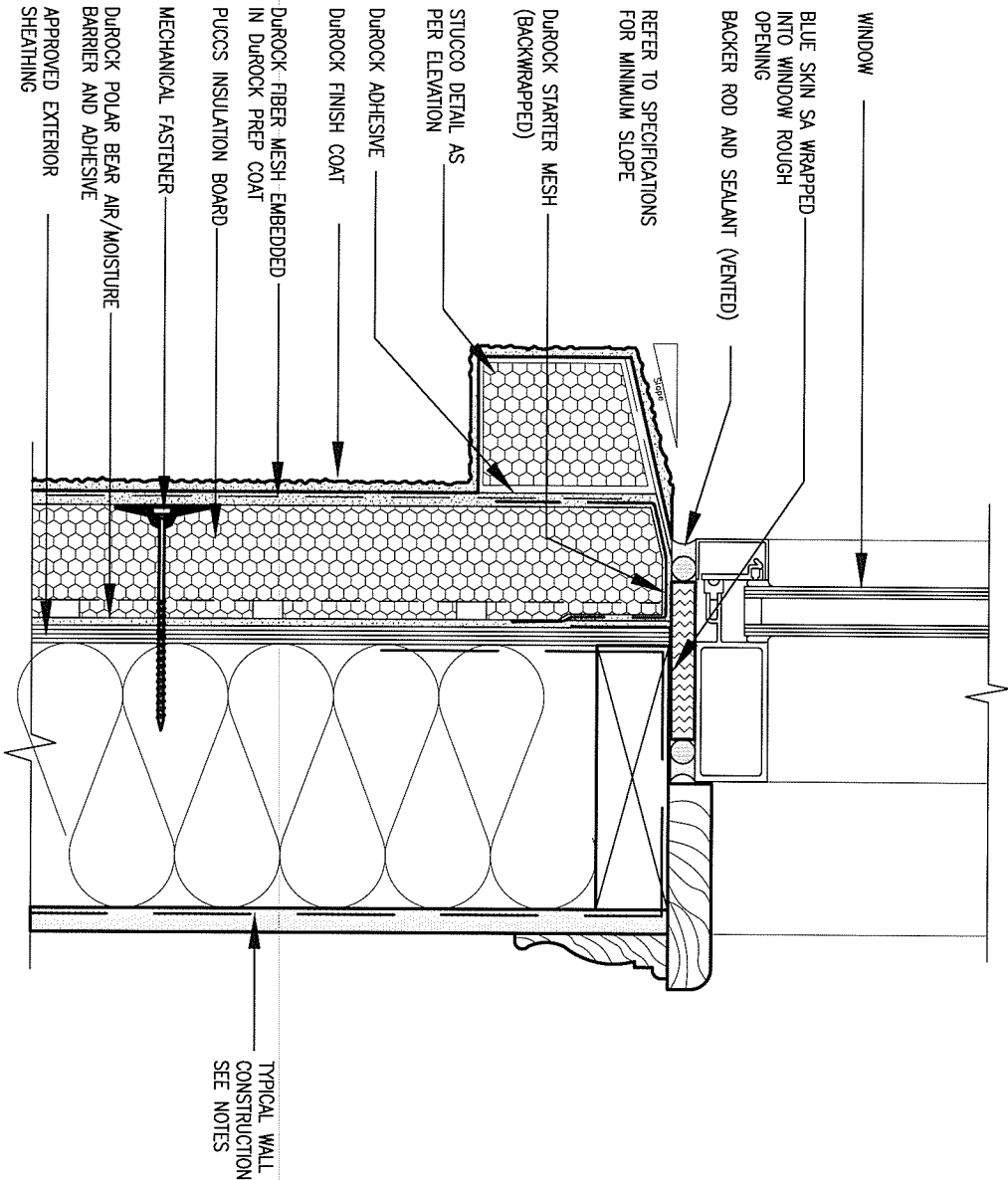
1 WINDOW HEADER

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"

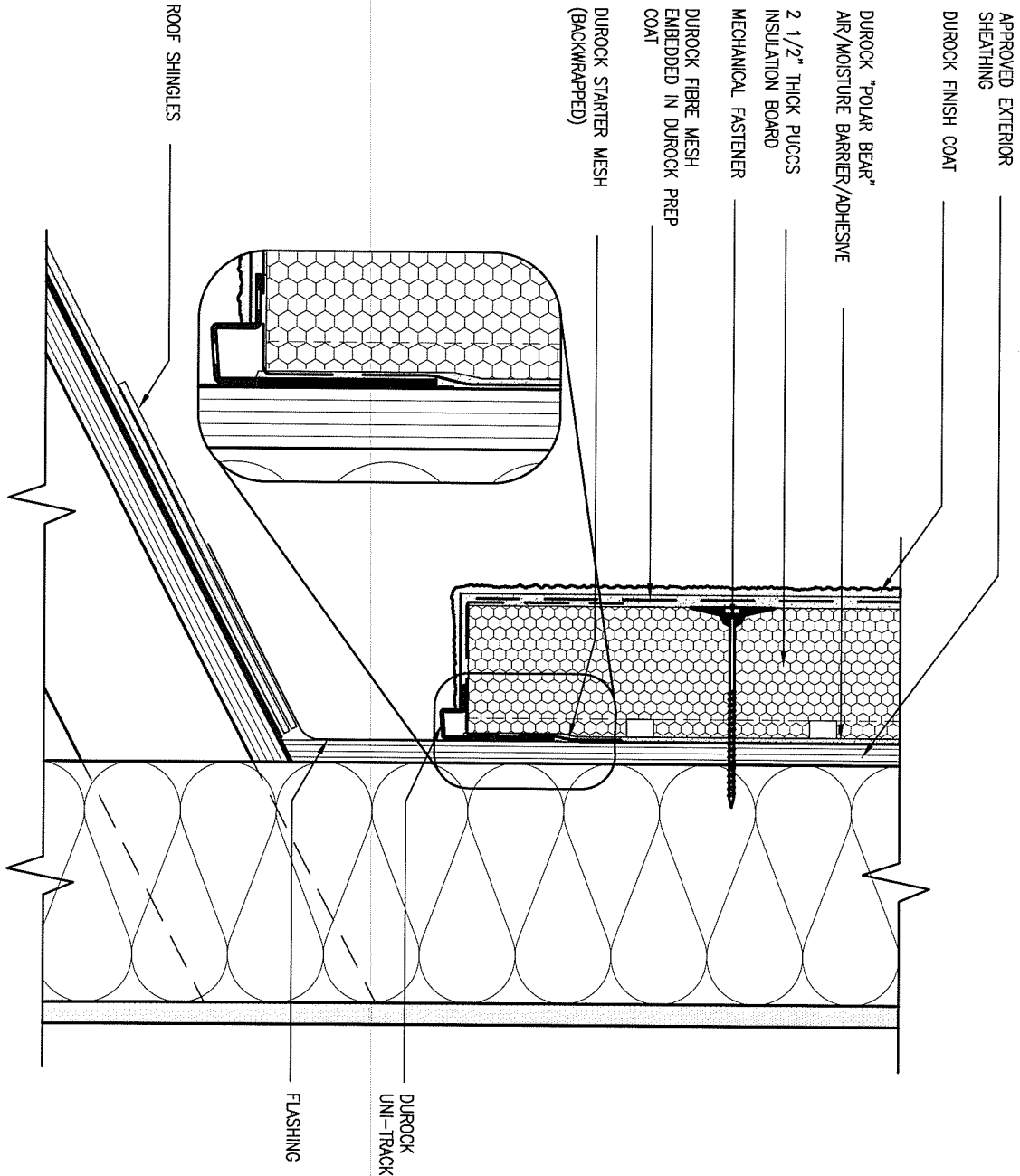
9.	.	.	.
8.	.	.	.
7.	.	.	.
6.	.	.	.
5.	.	.	.
4.	.	.	.
3.	.	.	.
2.	UPDATE TO CODE	APR 16-15	RC
1.	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC
no.	description	date	by

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	<i>Jno Baptiste</i>	25591	
name	signature		BCIN
registration information			
VA3 Design Inc.		42658	
Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.			

VA3 DESIGN

300A Wilson Avenue
Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782
va3design.com

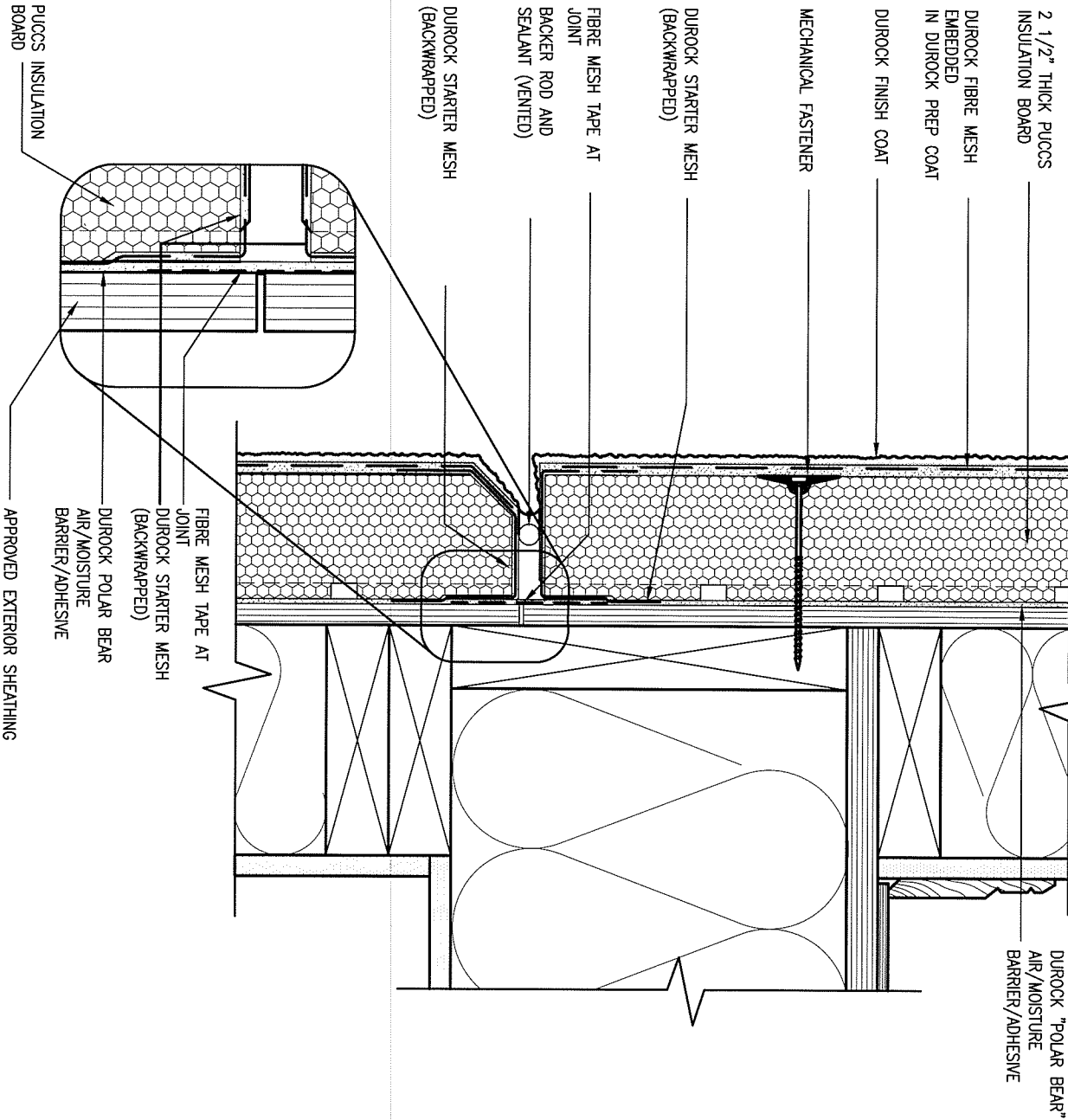
BAYVIEW WELLINGTON			CONST NOTE	
project name		municipality		project no.
GREEN VALLEY ESTATES		BRADFORD		13045
date			CONSTRUCTION NOTES	
APR 2014			drawing no.	
drawn by	checked by	scale	file name	
RC	-	3/16" = 1'-0"	13045-CONST-0BC 2015	
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\13045-CONST-0BC 2015.dwg - Thu - Apr 16 2015 - 6:57 AM				



3 STUCCO TERMINATION @ ROOF

CN4 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



4 HORIZONTAL EXPANSION JOINT

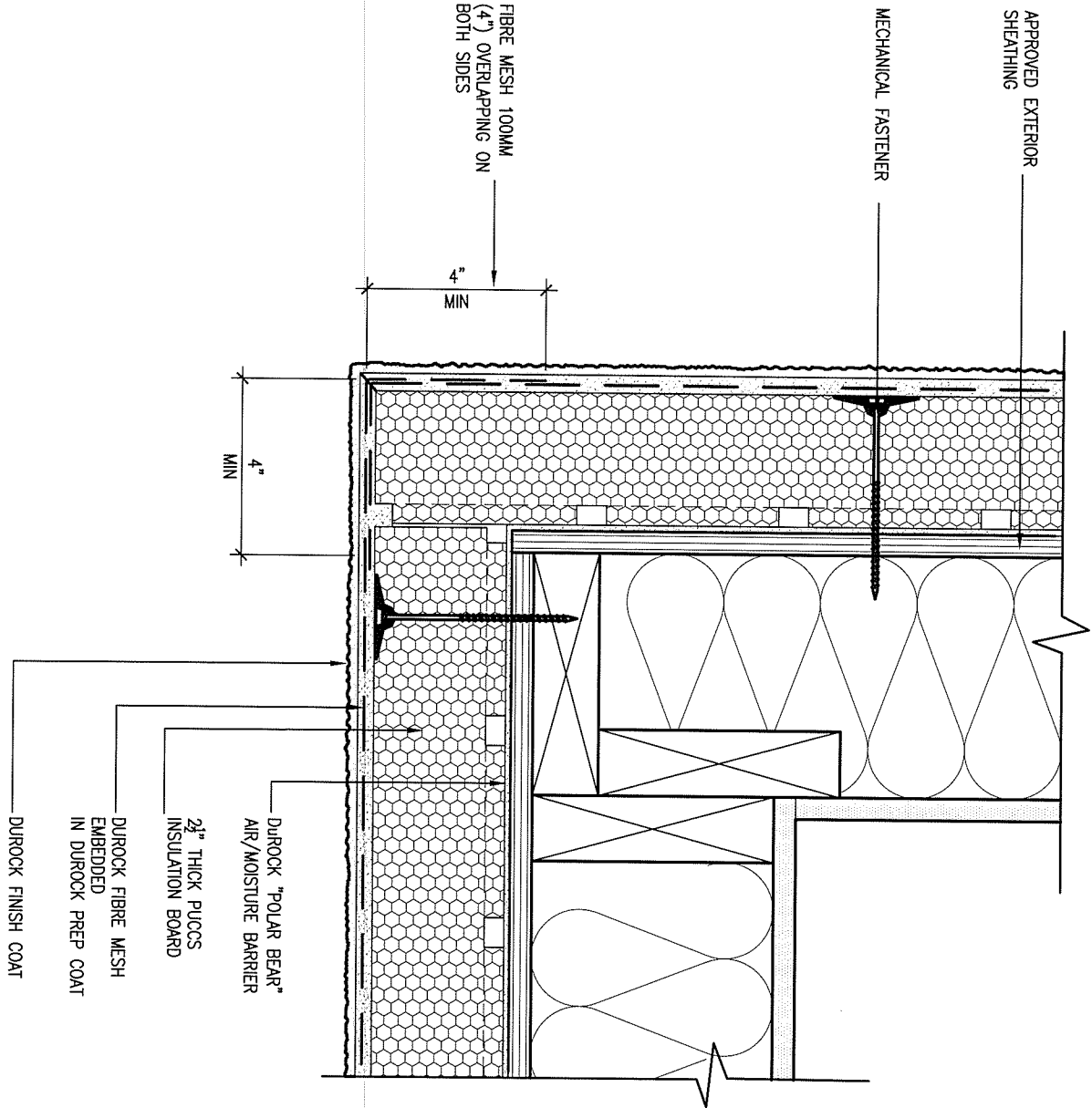
CN4 SCALE: 3"=1'-0"

9	.	.	.
8	.	.	.
7	.	.	.
6	.	.	.
5	.	.	.
4	.	.	.
3	.	.	.
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
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.	

VA3
DESIGN
300A Wilson Avenue
Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782
va3design.com

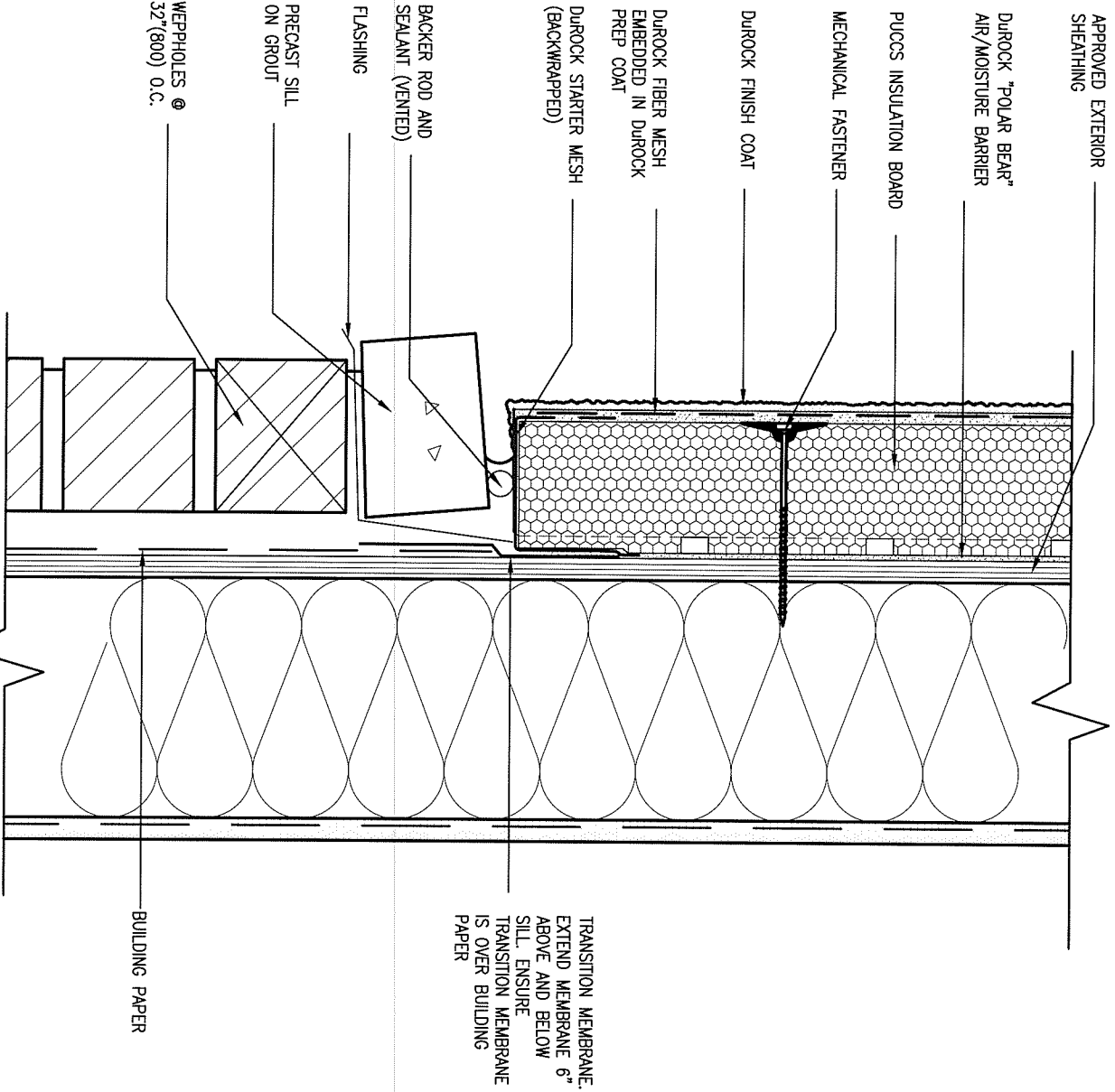
BAYVIEW WELLINGTON		CONST NOTE	
project name	GREEN VALLEY ESTATES	municipality	BRADFORD
date	APR 2014	project no.	13045
drawn by	RC	checked by	-
scale	3/16" = 1'-0"	file name	13045-CONST-0BC 2015
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\13045-CONST-0BC 2015.dwg - Thu - Apr 16 2015 - 6:57 AM		CONSTRUCTION NOTES	
		drawing no.	
		CN4	



5 CORNER DETAIL

CN5 SCALE: 3"=1'-0"

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



6 STUCCO / MASONRY PLINTH CONNECTION

CN5 SCALE: 3"=1'-0"

9.	.	.
8.	.	.
7.	.	.
6.	.	.
5.	.	.
4.	.	.
3.	.	.
2	UPDATE TO CODE	APR 16-15 RC
1	ISSUE FOR CLIENT REVIEW	MAY 07-14 RC
no.	description	date by

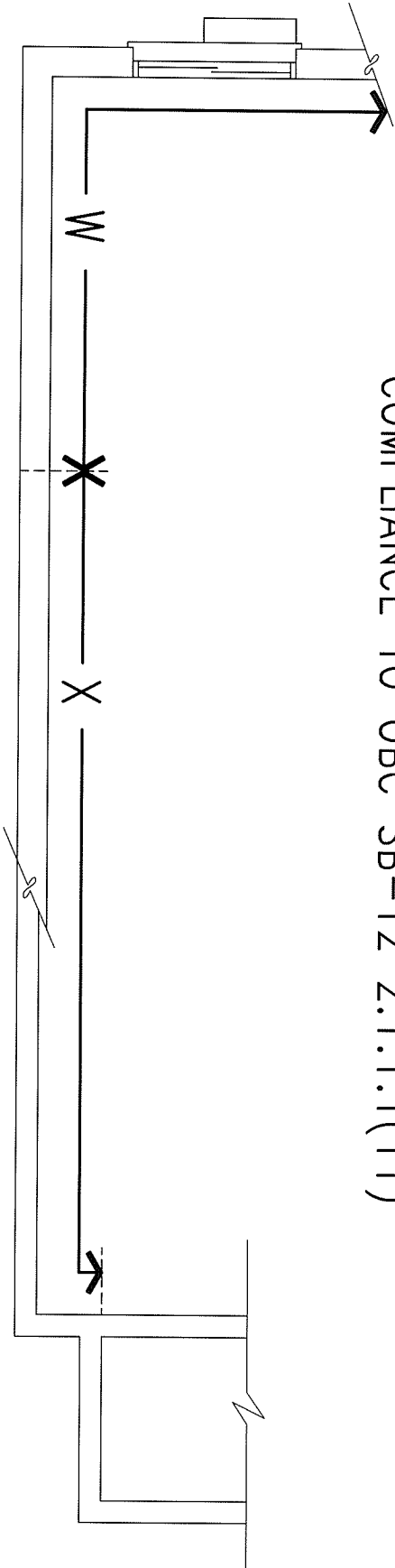
The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.		
qualification information		
Wellington Jno-Baptiste	25591	BCIN
name registration information		
VA3 Design Inc.	42658	
Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.		

VA3
DESIGN

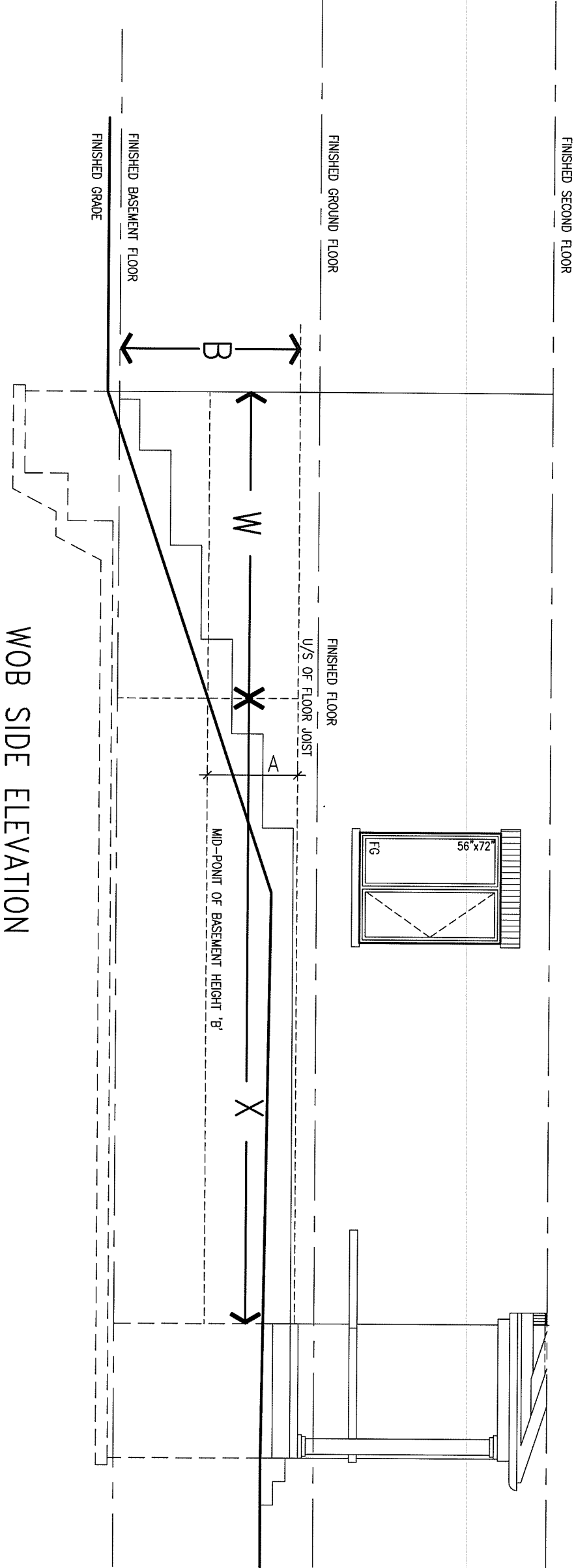
300A Wilson Avenue
Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON			CONST NOTE	
project name GREEN VALLEY ESTATES			municipality BRADFORD	
			project no. 13045	
date APR 2014			CONSTRUCTION NOTES	
drawing no.				
drawn by RC		checked by -	scale 3/16" = 1'-0"	file name 13045-CONST-0BC 2015
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\13045-CONST-0BC 2015.dwg - Thu - Apr 16 2015 - 6:57 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

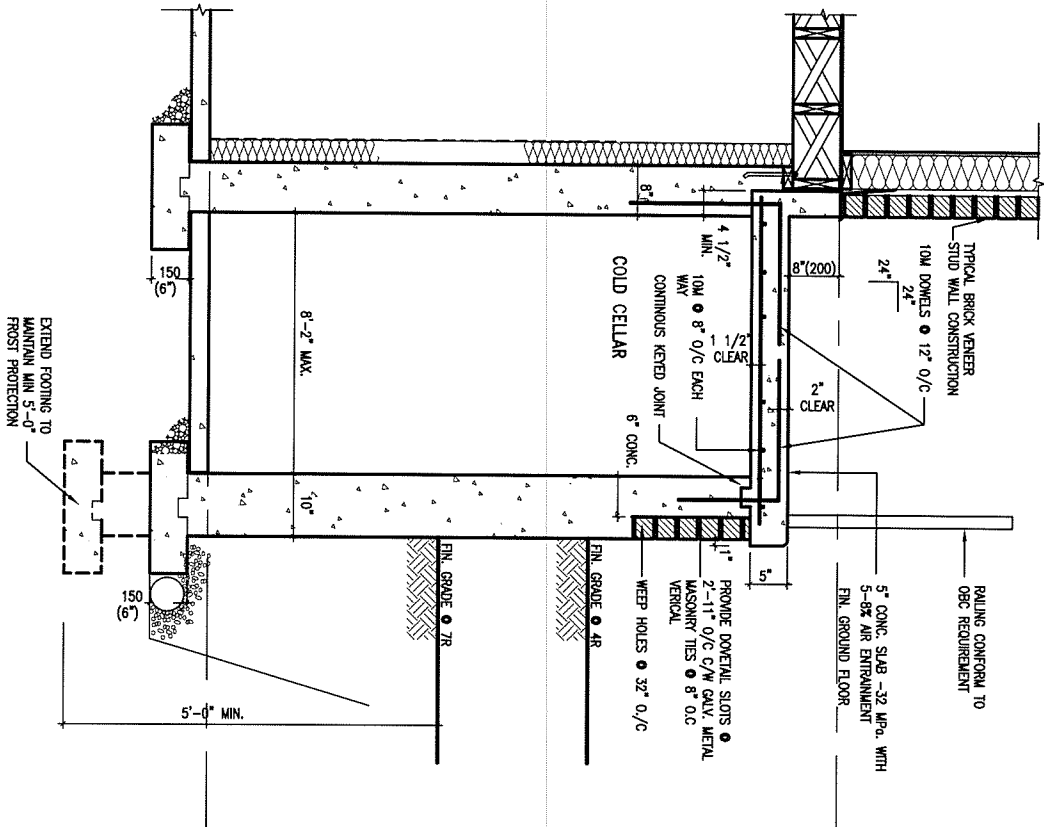
9	.	.	.
8	.	.	.
7	.	.	.
6	.	.	.
5	.	.	.
4	.	.	.
3	.	.	.
2	UPDATE TO CODE	APR 16-15	RC
1	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC
no.	description	date	by

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	BCIN
name		
registration information		
VA3 Design Inc.	42658	
Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.		

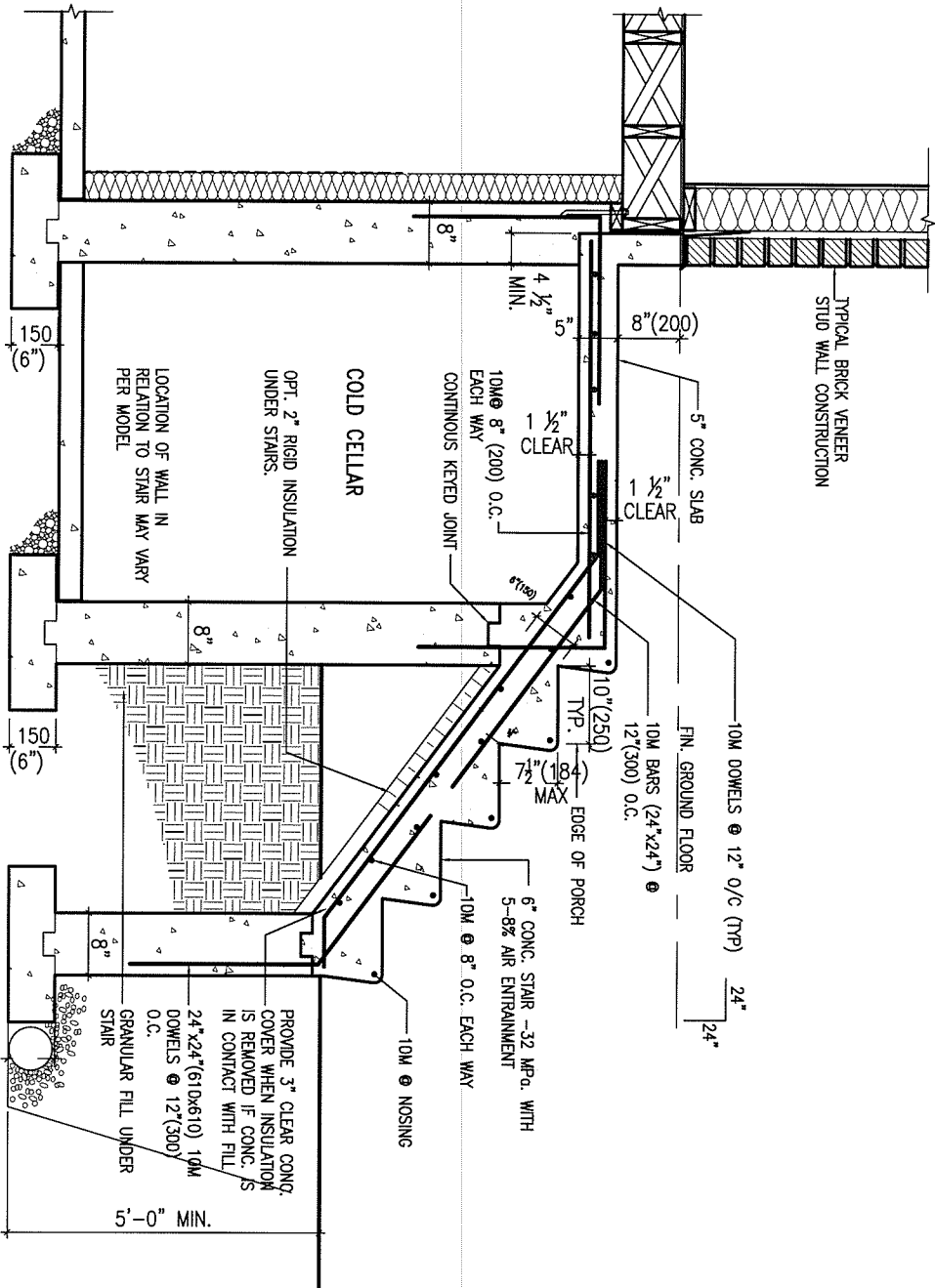


300A Wilson Avenue
Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON			CONST NOTE	
project name		municipality		project no.
GREEN VALLEY ESTATES		BRADFORD		13045
date			drawing no.	
APR 2014			CN7	
drawn by		checked by	scale	file name
RC		-	3/16" = 1'-0"	13045-CONST-OBC 2015
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\13045-CONST-OBC 2015.dwg - Thu - Apr 16 2015 - 6:56 AM				



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.

APR 22, 2016



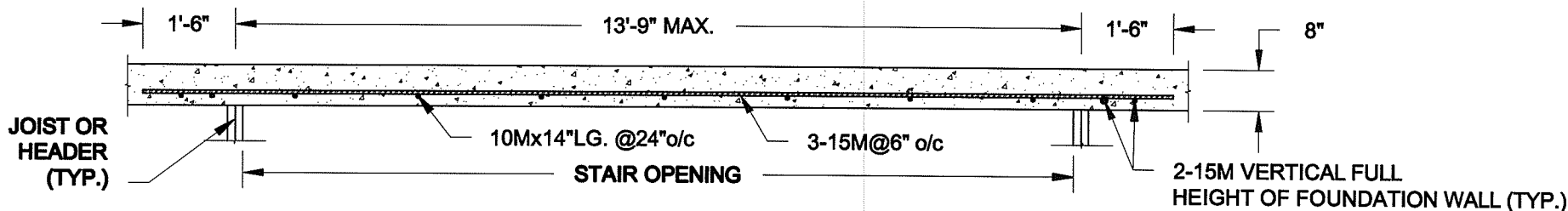
9.	.	.	.
8.	.	.	.
7.	.	.	.
6.	.	.	.
5.	.	.	.
4.	.	.	.
3.	.	.	.
2.	UPDATE TO CODE	APR 16-15	RC
1.	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC
no.	description	date	by

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
signature	
name	BCIN
registration information	
VA3 Design Inc.	42658
Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.	

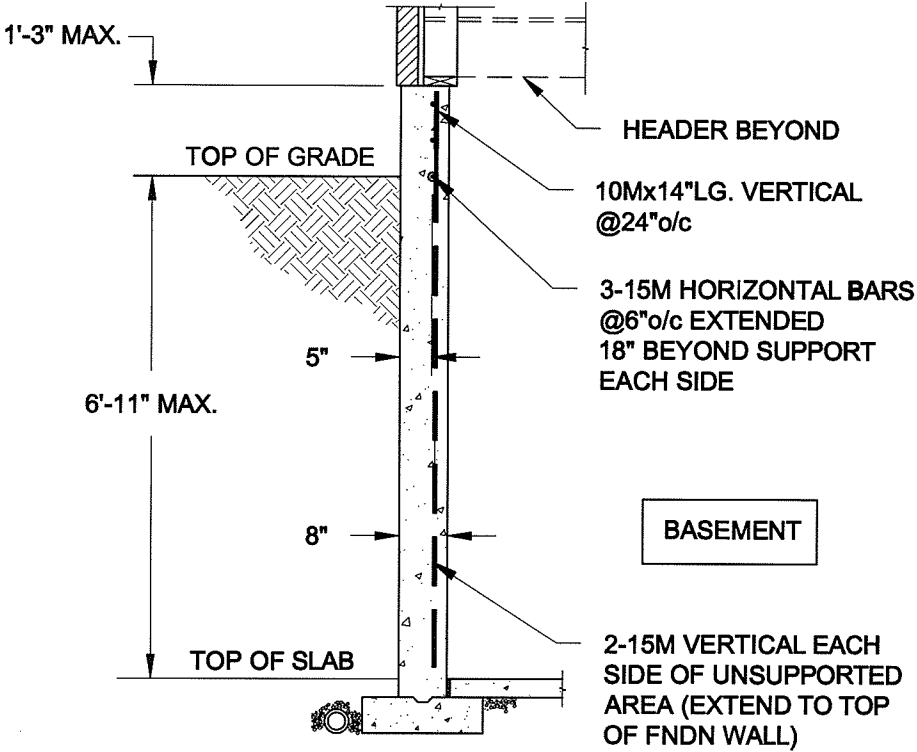


300A Wilson Avenue
Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782
va3design.com

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"	file name	13045-CONST-0BC 2015
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\13045-CONST-0BC 2015.dwg - Fri - Apr 22 2016 - 1:14 PM		CONSTRUCTION NOTES	
		drawing no. CN8	

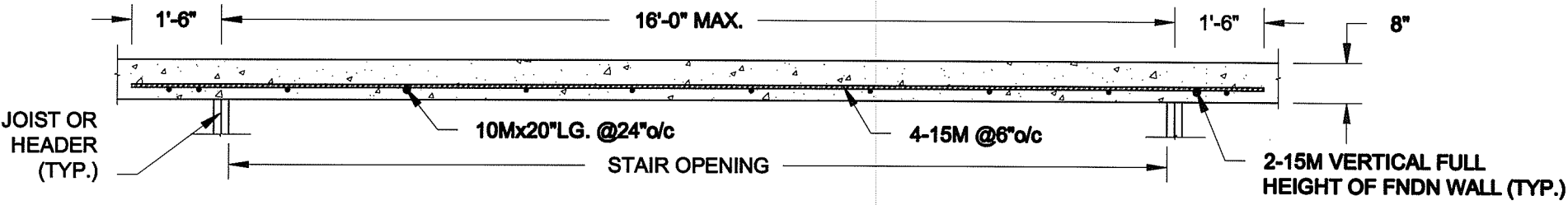


PLAN VIEW
NOT TO SCALE

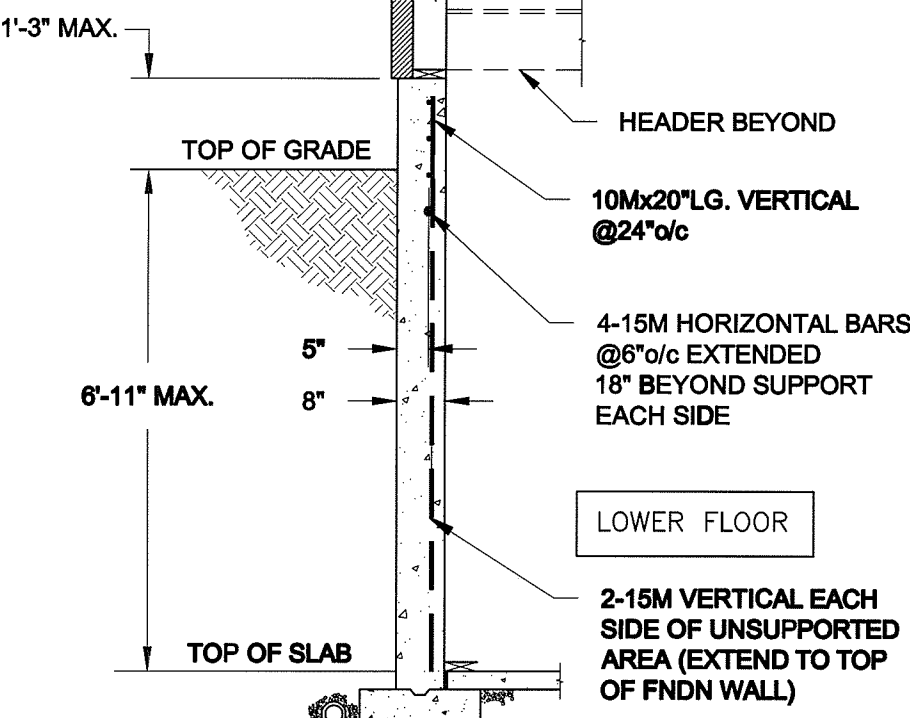


- NOTE:**
1. CONFORM TO ONTARIO BUILDING CODE, 2012.
 2. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE 15 MPa. MIN.
 3. REINFORCING STEEL TO BE GRADE 400.

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





PLAN VIEW
NOT TO SCALE

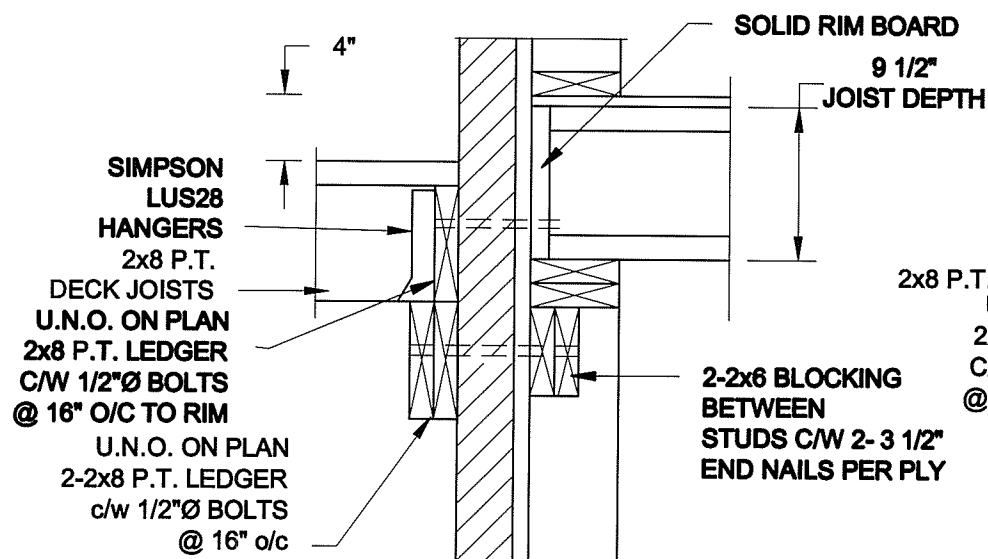


- NOTE:**
1. CONFORM TO ONTARIO BUILDING CODE, 2012.
 2. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE 15 MPa. MIN.
 3. REINFORCING STEEL TO BE GRADE 400.

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

Scale: AS NOTED		<div>QUAILE ENGINEERING LTD.</div> <div></div> <div>38 Parkside Drive, UNIT 7 Newmarket, ON L3Y 8J9 T: 905-853-8547 E: quaille.eng@rogers.com</div>	<div>Engineer's Seal: </div> <div>APR 24, 2015</div>		<div>Project: BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT BRADFORD, ONTARIO</div>	
Date: FEB-26-2015			TYPICAL STRUCTURAL DETAILS FOR SINGLES			
Drawn: SC	Checked: SJB		Project No.: 14-095		Drawing No.: S1	

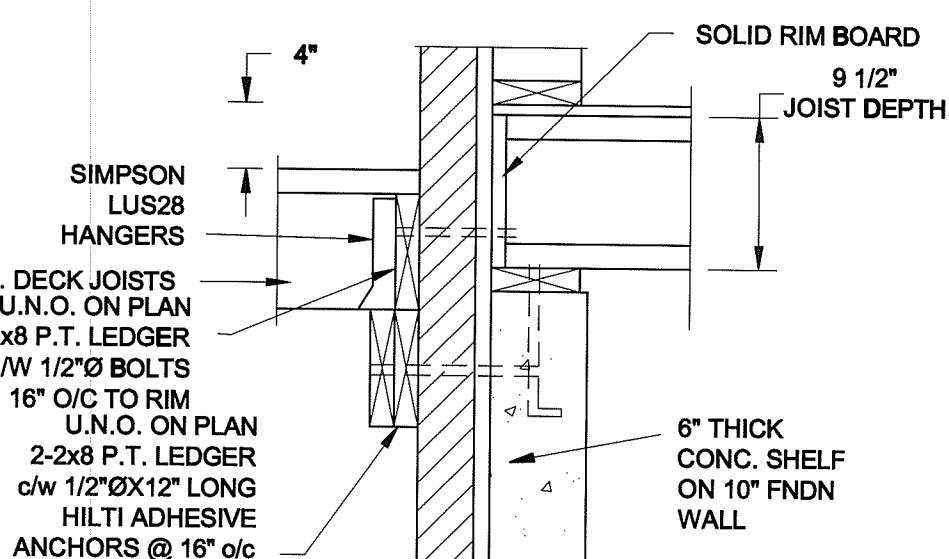
FOR 9 1/2" JOIST DEPTH



1A
S2

DECK FASTENING DETAIL

SCALE: 1" = 1'-0"



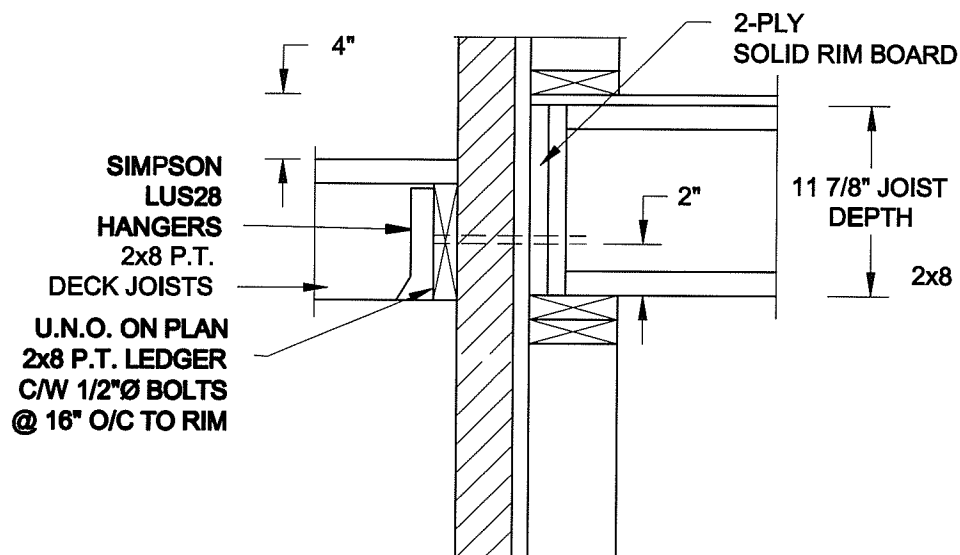
1B
S2

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.

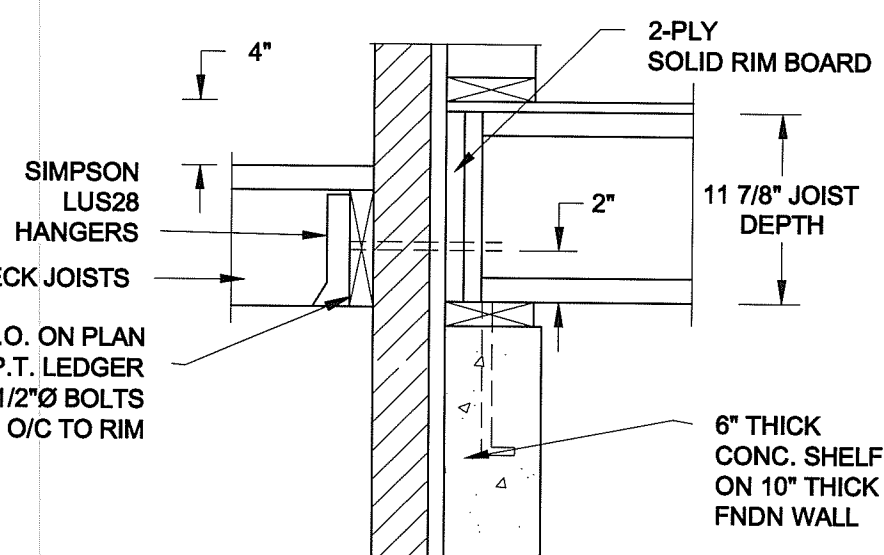
FOR 11 7/8" JOIST DEPTH



2A
S2

DECK FASTENING DETAIL

SCALE: 1" = 1'-0"

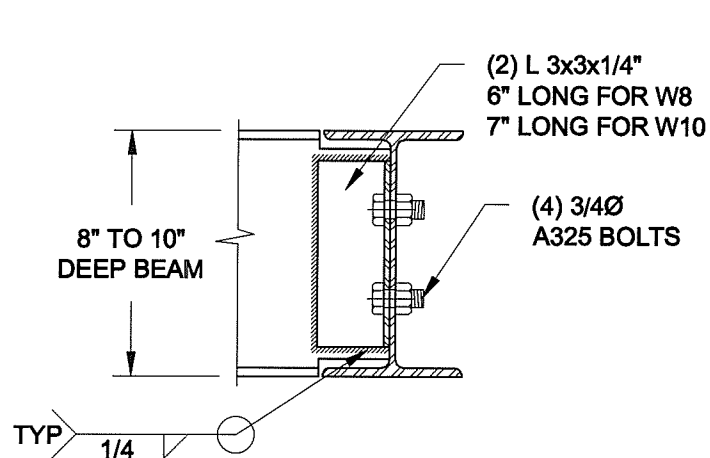


2B
S2

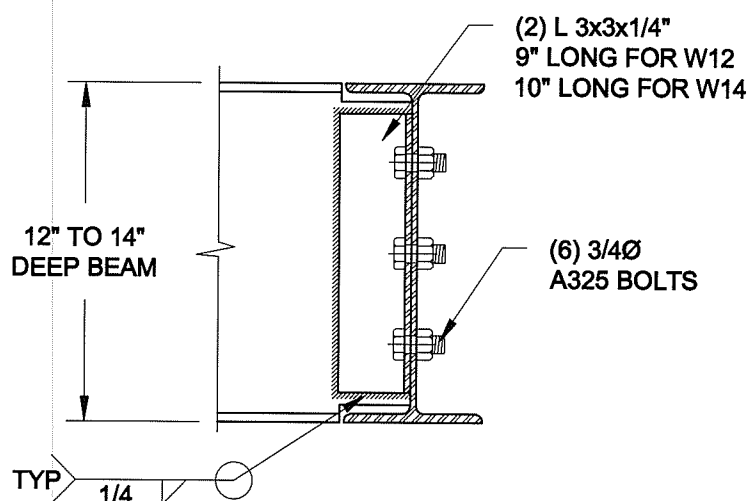
DECK FASTENING DETAIL

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.





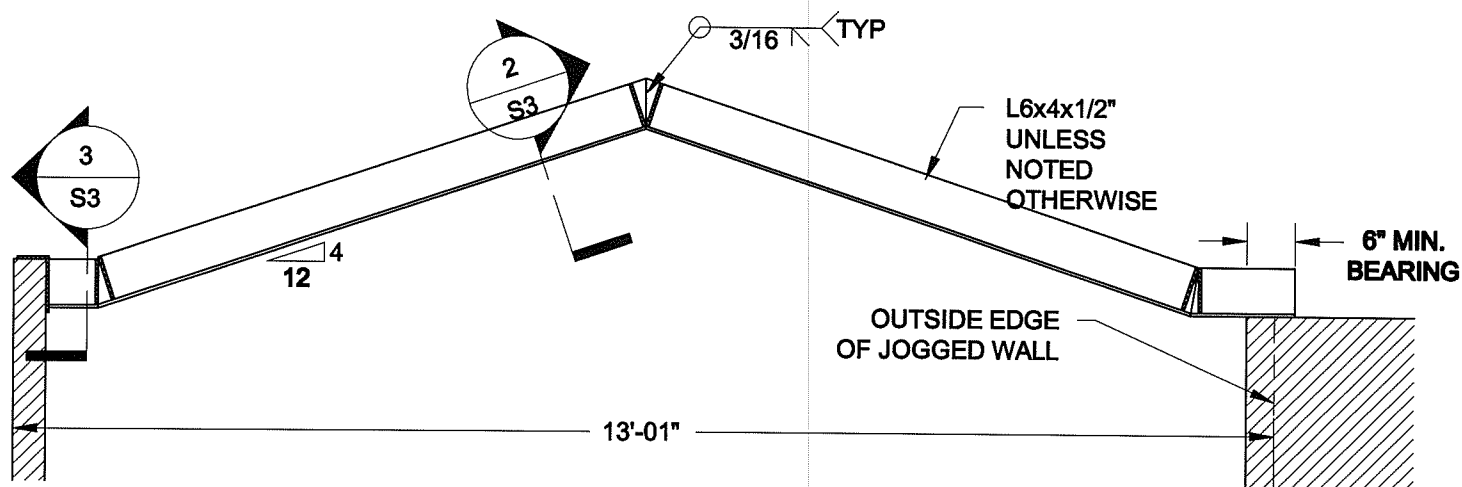
NOTE: DETAIL IS APPLICABLE TO W12x58 (W310x86) BEAM MAX AND W14x48 (W360x72) BEAM MAX.

3
S2

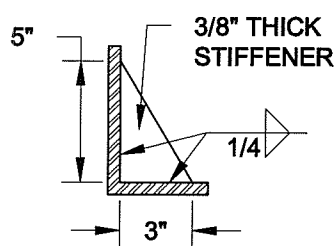
STEEL BEAM CONNECTION DETAIL

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

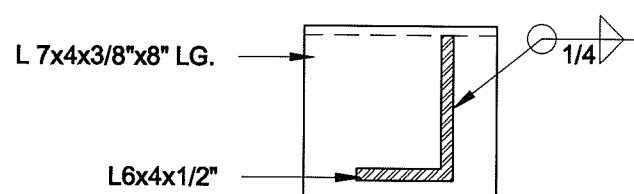
Scale: AS NOTED		QUAILE ENGINEERING LTD.  38 Parkside Drive, UNIT 7 Newmarket, ON L3Y 8J9 T: 905-853-8547 E: quaile.eng@rogers.com		Engineer's Seal  S. J. BOYD PROVINCE OF ONTARIO APR 24, 2015		Project: BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT BRADFORD, ONTARIO	
Date: FEB-26-2015						TYPICAL STRUCTURAL DETAILS FOR SINGLES	
Drawn: SC	Checked: SJB			Project No.: 14-095		Drawing No.: S2	



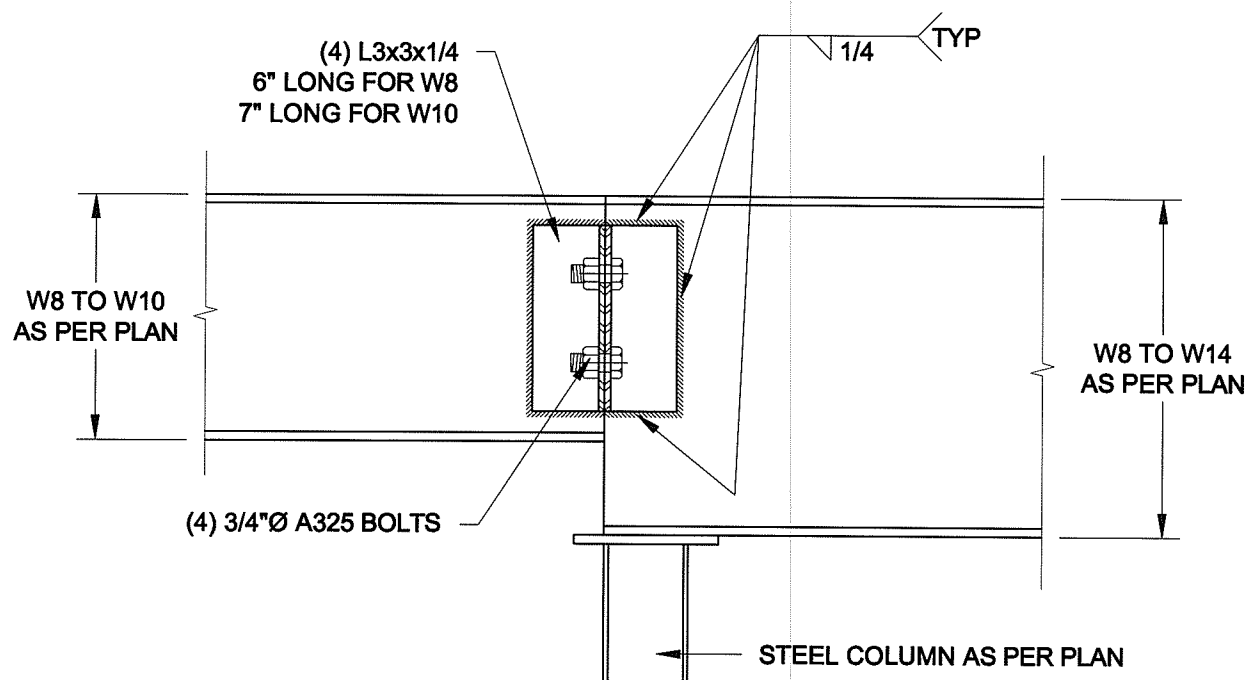
1
S3 **STEEL LINTEL AT GABLE**
SCALE: 1/2" = 1'-0"





2
S3 **TYP. STIFFENER**
SCALE: 1 1/2" = 1'-0"

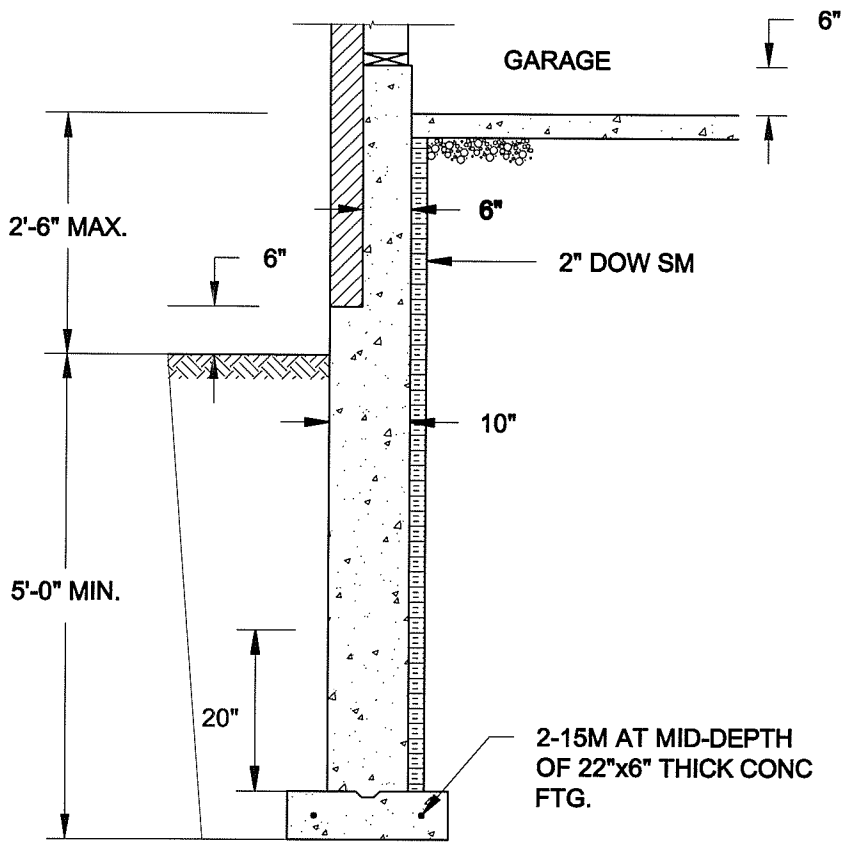


3
S3 **INVERTED ANGLE**
SCALE: 1 1/2" = 1'-0"



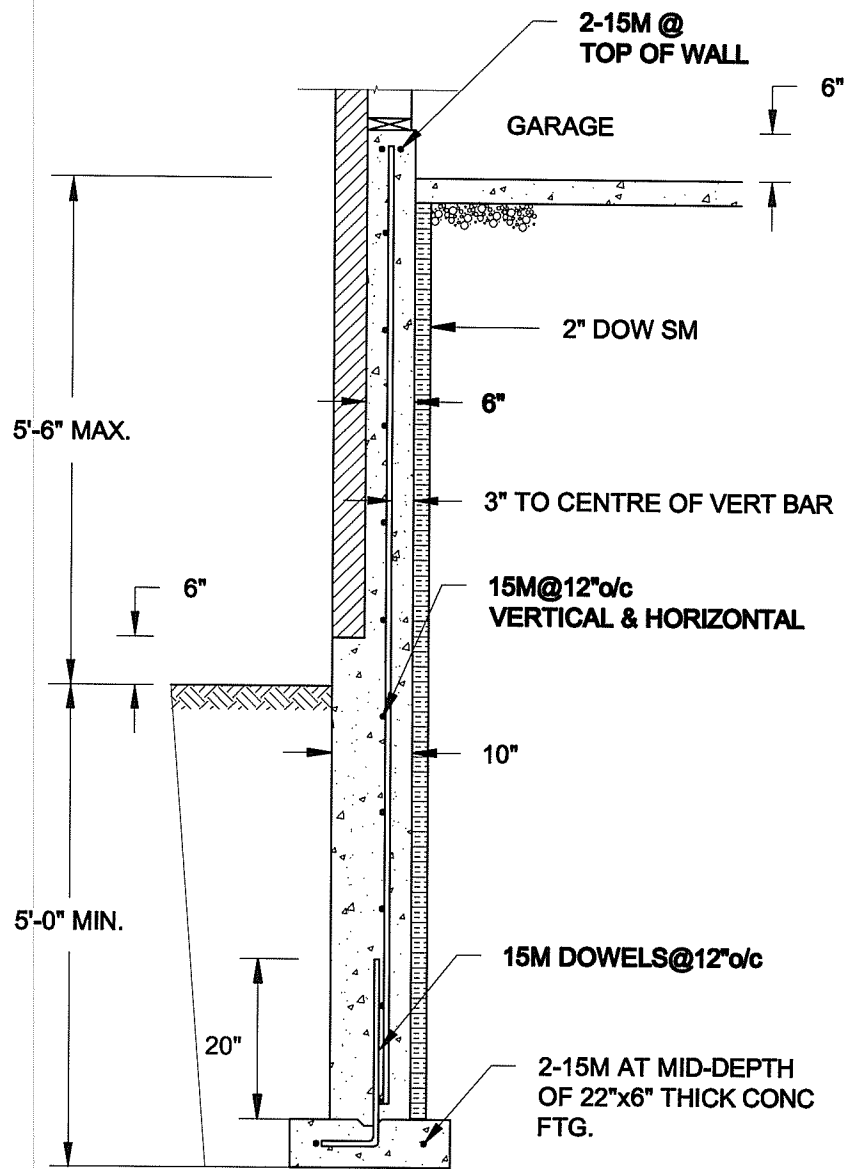
4
S3 **STEEL BEAM CONNECTION**
SCALE: 1 1/2" = 1'-0"

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  APR 24, 2015		Project: BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT BRADFORD, ONTARIO	
Date: FEB-26-2015					TYPICAL STRUCTURAL DETAILS FOR SINGLES	
Drawn: SC	Checked: SJB				Project No.: 14-095	Drawing No.: S3



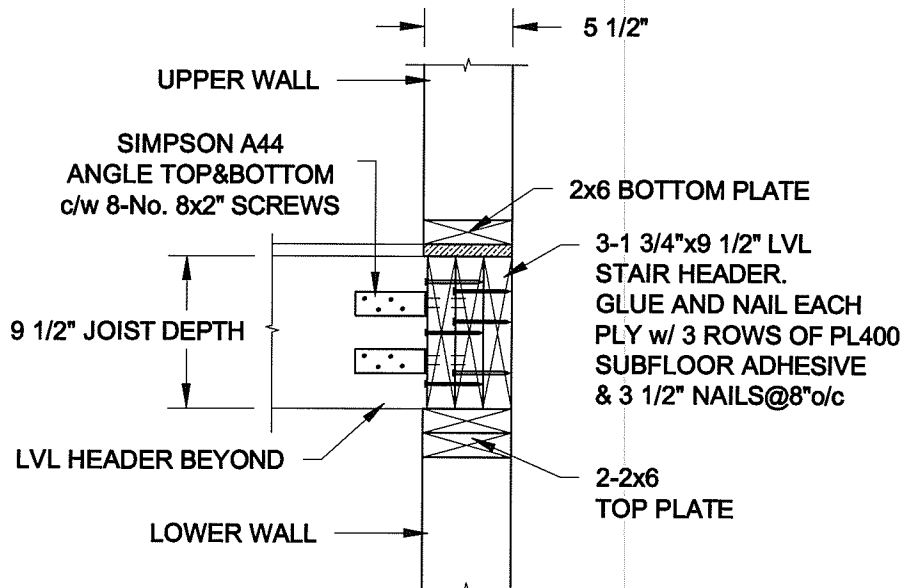
1A
S4 **REINFORCED BRICKSHELF**
SCALE: 1/2" = 1'-0"

- NOTE:**
1. CONFORM TO ONTARIO BUILDING CODE, 2012.
 2. CONCRETE TO HAVE 28-DAY COMPRESSIVE STRENGTH OF 20 MPa.
 3. REINFORCING BARS TO BE GRADE 400 DEFORMED STEEL.
 4. PROVIDE 3" COVER TO SOIL MINIMUM.

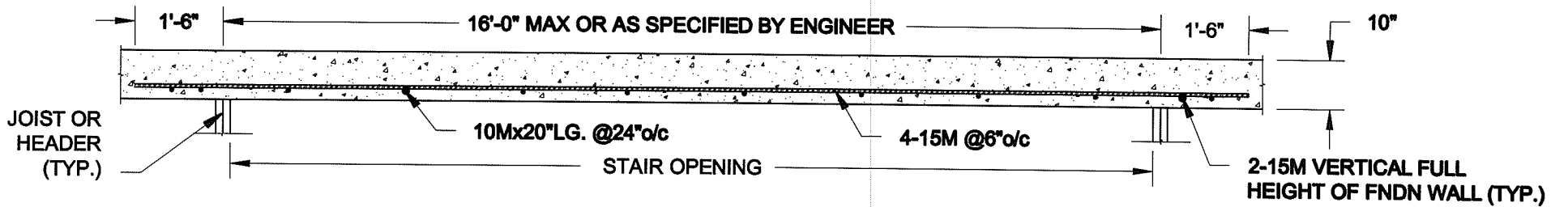


1B
S4 **REINFORCED BRICKSHELF**
SCALE: 1/2" = 1'-0"

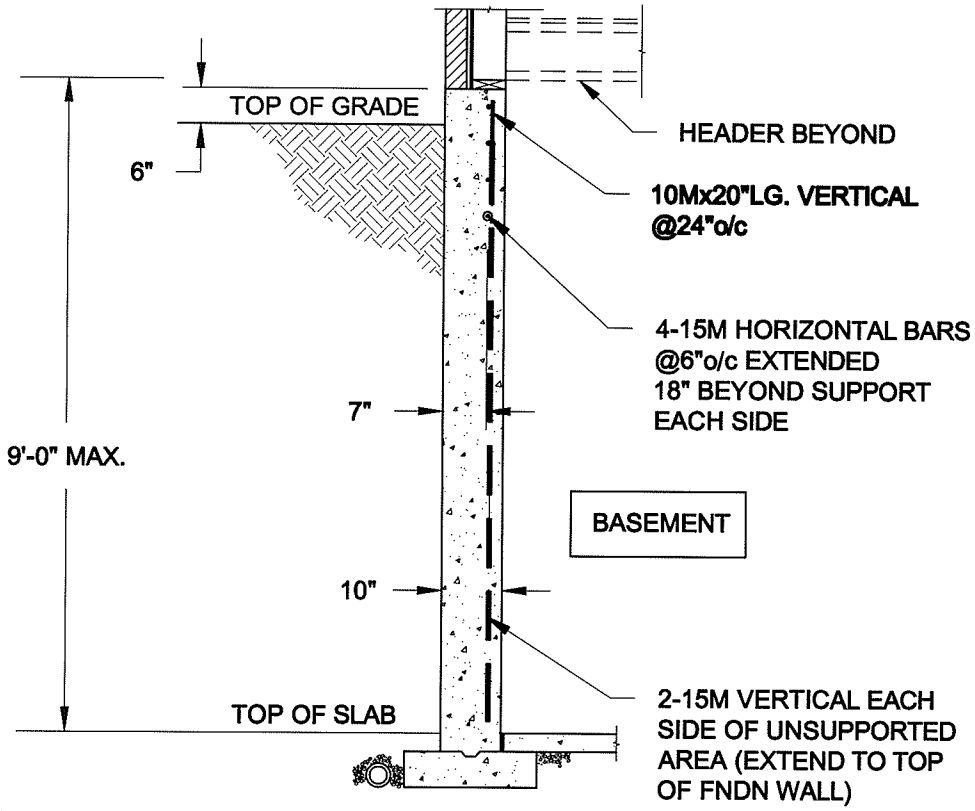
FOR 9 1/2" JOIST DEPTH



2
S4 **STAIR HEADER @ EXTERIOR WALL**
SCALE: 1" = 1'-0"



PLAN VIEW



NOTE:

1. CONFORM TO ONTARIO BUILDING CODE, 2012.
2. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE 20 MPa. MIN.
3. REINFORCING STEEL TO BE GRADE 400.

1
S5

LATERALLY UNSUPPORTED WALL

SCALE: 3/8" = 1'-0"

Scale:
AS NOTED

Date:
JAN-28-2016

Drawn:
SC

Checked:
SJB

QUAILE ENGINEERING LTD.



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

Engineer's Seal



JAN 28, 2016

Project:

BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT
BRADFORD, ONTARIO

TYPICAL STRUCTURAL DETAILS FOR SINGLES

Project No.:

14-095

Drawing No.:

S5