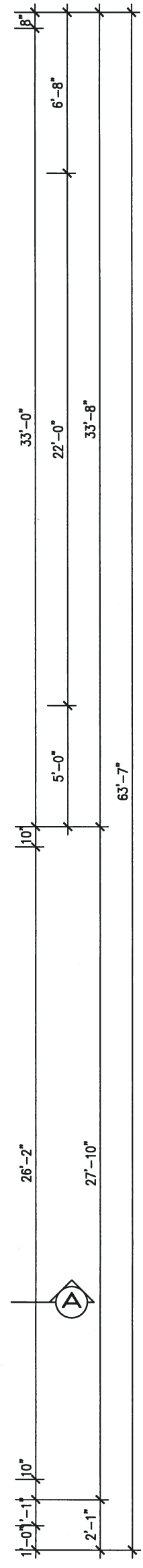
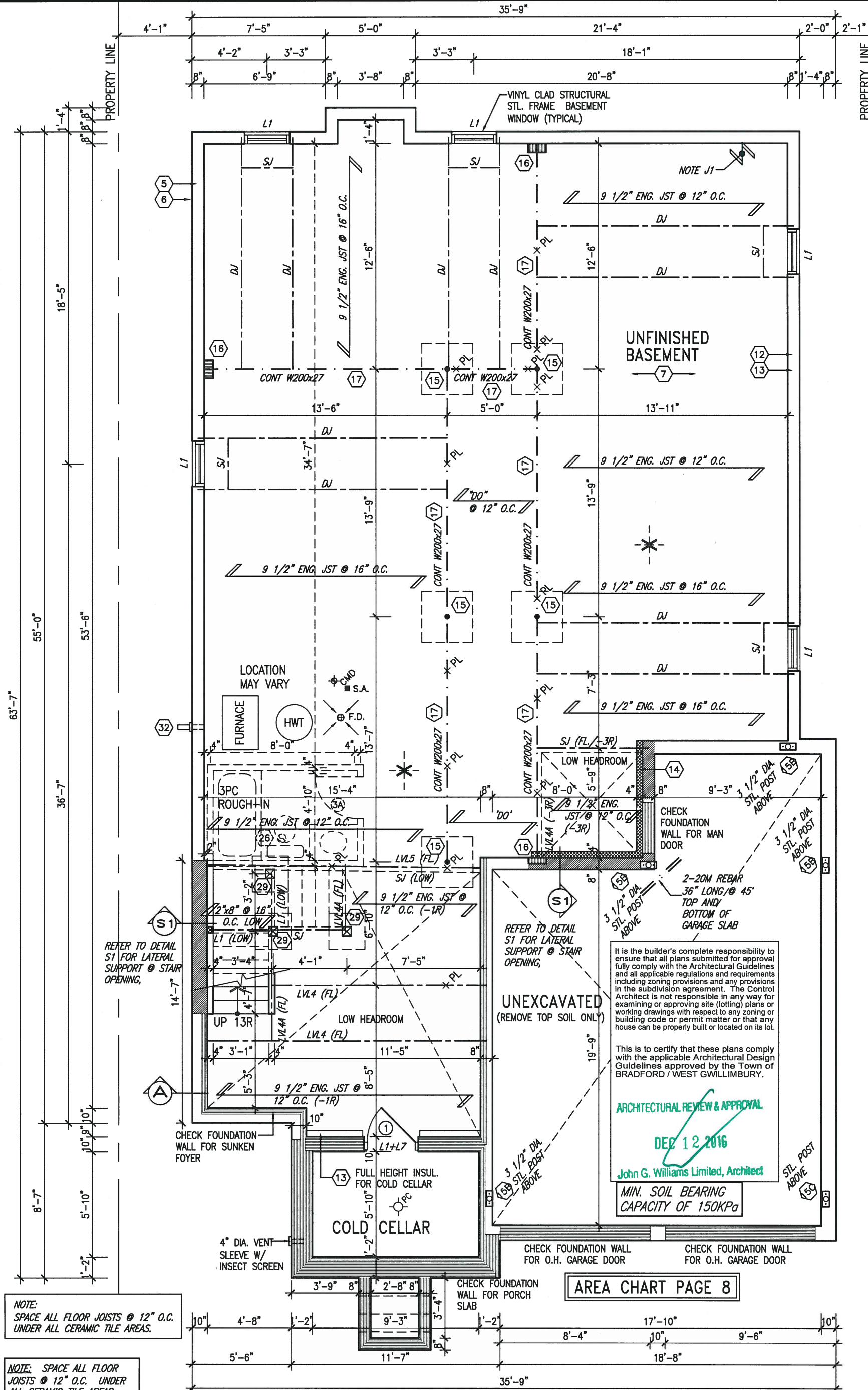




DEC 7, 2016



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

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

BASEMENT PLAN 'C'

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

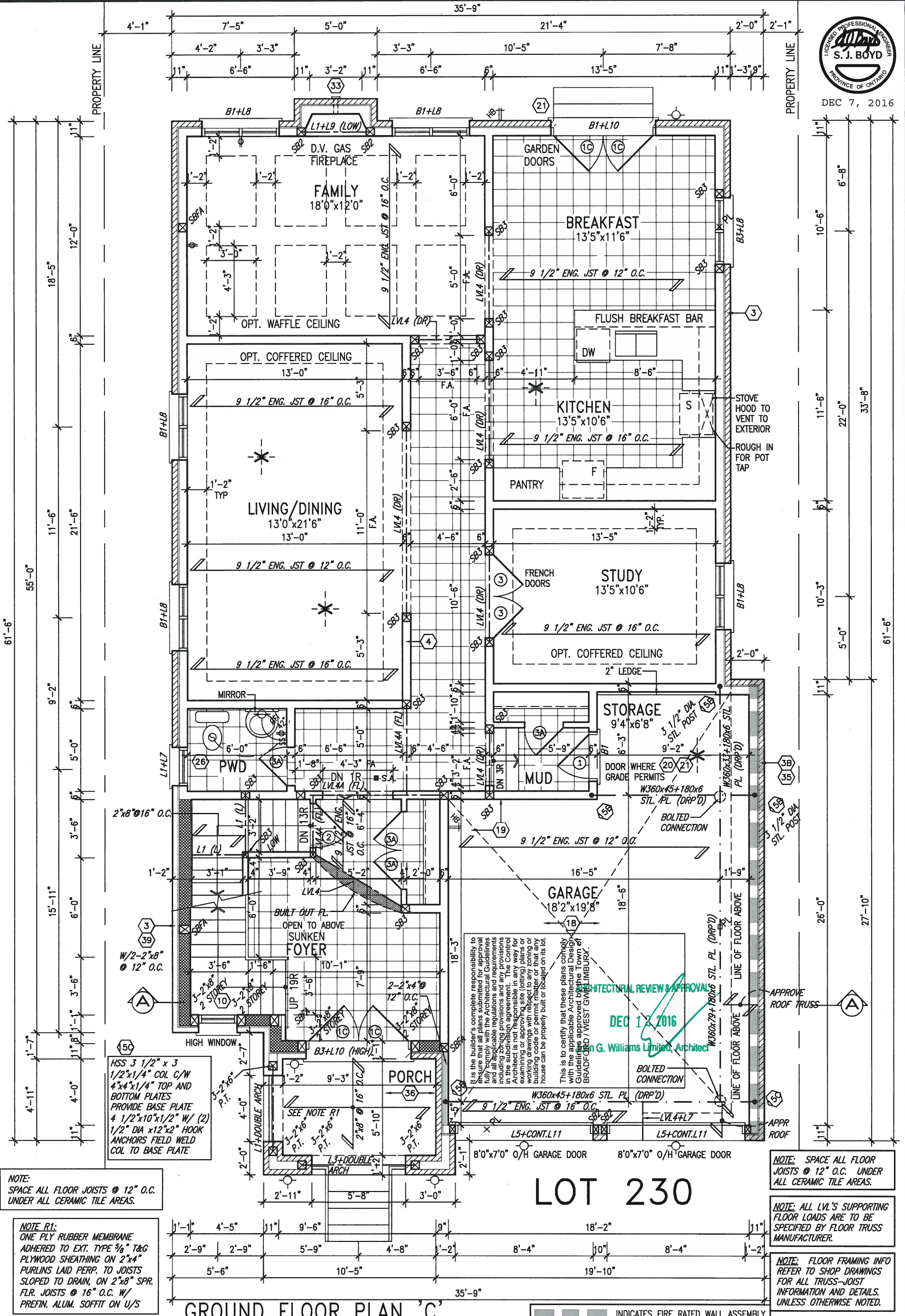
LOT 230

<div>9</div> <div>8</div> <div>7</div> <div>6</div> <div>5 REVISED AS PER ENG'S COMMENTS</div> <div>4 REVISED AS PER LOT 230</div> <div>3 REVISED AS PER ENG'S COMMENTS</div> <div>2 ADDED UPGRADED REAR ELEVATIONS.</div> <div>1 ISSUED FOR CLIENT REVIEW.</div> <div>no. description</div>	<div></div> <div></div> <div></div> <div></div> <div>DEC 07-16</div> <div>NOV. 25/16</div> <div>APR 30-15</div> <div>SEP. 30/14</div> <div>SEPT. 15/14</div> <div>date</div>	<div></div> <div></div> <div></div> <div></div> <div>RC</div> <div>JWM</div> <div>RC</div> <div>GW</div> <div>DB</div> <div>by</div>	<div>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.</div> <div>qualification information</div> <div>Wellington Jno-Baptiste</div> <div>signature</div> <div>25591</div> <div>BCIN</div> <div>42658</div> <div>VA3 Design Inc.</div> <div>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.</div>	<div>VA3</div> <div>DESIGN</div> <div>300A Wilson Avenue</div> <div>Toronto ON M3H 1S8</div> <div>416.630.2255 f 416.630.4782</div> <div>va3design.com</div>	<div>BAYVIEW WELLINGTON</div> <div>project name</div> <div>GREEN VALLEY ESTATES</div> <div>date</div> <div>SEPTEMBER 2014</div> <div>drawn by</div> <div>DARRYL BURTON</div> <div>checked by</div> <div></div> <div>scale</div> <div>3/16" = 1'-0"</div> <div>municipality</div> <div>BRADFORD</div> <div>project no.</div> <div>13045</div> <div>BASEMENT PLAN 'C'</div> <div>drawing no.</div> <div>1</div>	<div>S42-6</div> <div>RIDEAU 6</div> <div>13045-S42-6C LOT 230</div> <div>file name</div> <div>RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\42\13045-S42-6c LOT 230.dwg - Wed - Dec 7 2016 - 11:10 AM</div>
--	--	--	--	--	---	---





DEC 7, 2016



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

NOTE R1: ONE PLY RUBBER MEMBRANE ADHERED TO EXT. TYPE 5/8" T&G PLYWOOD SHEATHING ON 2"x4" PURLINS LAID PERP. TO JOISTS SLOPED TO DRAIN, ON 2"x8" SPR. FLR. JOISTS @ 16" O.C. W/ PREFIN. ALUM. SOFFIT ON U/S

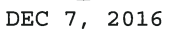
NOTE: SPACE ALL FLOOR JOISTS @ 12" O.C. UNDER ALL CERAMIC TILE AREAS.

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

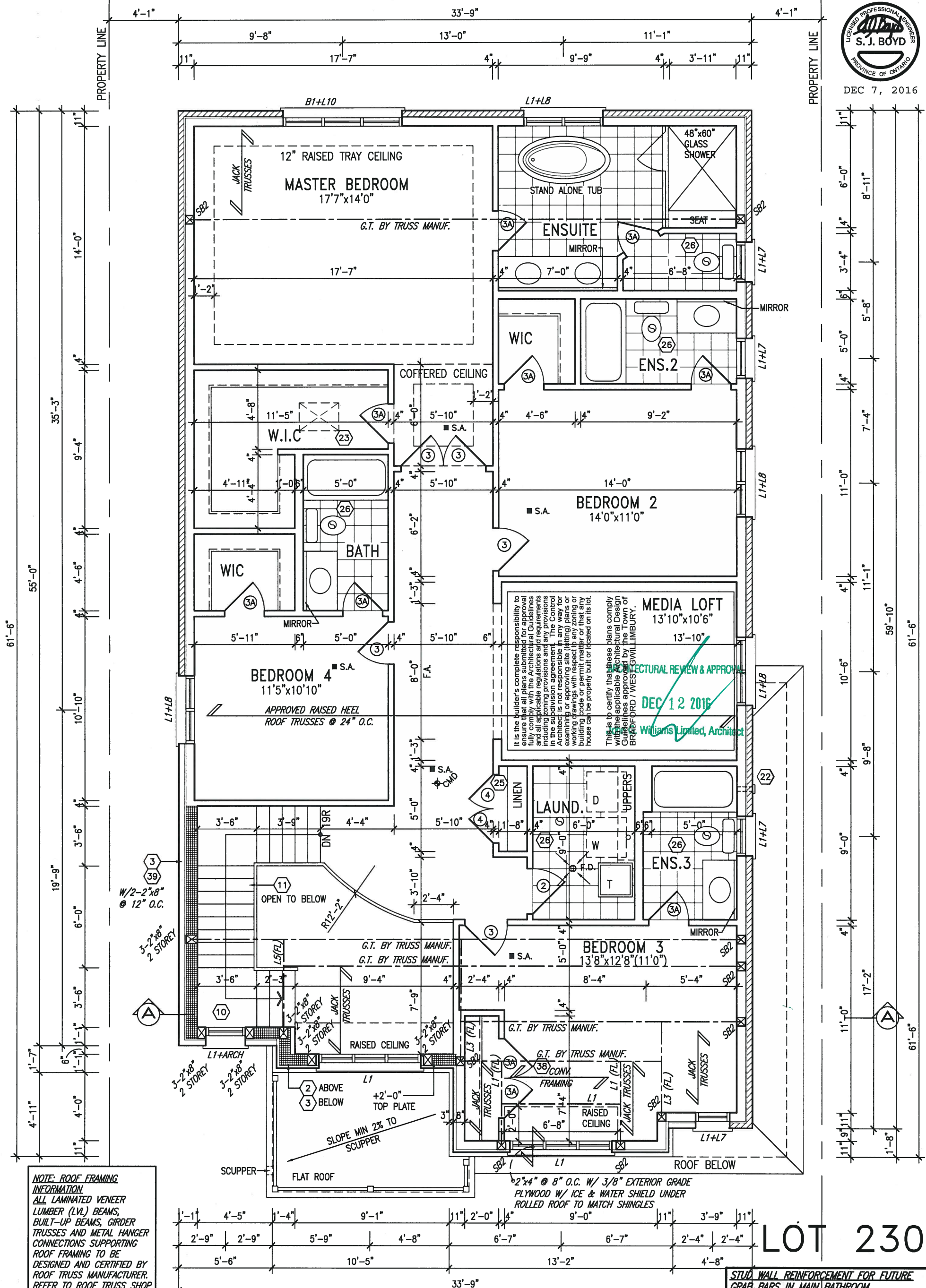
NOTE: FLOOR FRAMING INFO REFER TO SHOP DRAWINGS FOR ALL TRUSS-JOIST INFORMATION AND DETAILS, UNLESS OTHERWISE NOTED.

9			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		
6			25591		
5			REVISED AS PER ENG'S COMMENTS		
4			REVISED AS PER LOT 230		
3			REVISED AS PER ENG'S COMMENTS		
2			ADDED UPGRADED REAR ELEVATIONS.		
1			ISSUED FOR CLIENT REVIEW.		
no. description			date by		
			DEC 07-16 RC		
			NOV. 25/16 JWM		
			APR 30-15 RC		
			SEP. 30/14 GW		
			SEPT.15/14 DB		
			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		
			date SEPTEMBER 2014		
			drawn by DARRYL BURTON checked by scale 3/16" = 1'-0"		
			RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\42\13045-S42-6c LOT 230.dwg - Wed - Dec 7 2016 - 11:10 AM		
			S42-6 RIDEAU 6		
			project no. 13045		
			drawing no. 2		
			GROUND FLOOR PLAN 'C'		
			13045-S42-6C LOT 230		





DEC 7, 2016



**NOTE: ROOF FRAMING INFORMATION**  
**ALL LAMINATED VENEER LUMBER (LVL) BEAMS, BUILT-UP BEAMS, GIRDER TRUSSES AND METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED AND CERTIFIED BY ROOF TRUSS MANUFACTURER. REFER TO ROOF TRUSS SHOP DRAWINGS FOR ALL ROOF FRAMING INFORMATION UNLESS OTHERWISE NOTED ON ARCHITECTURAL DRAWINGS.**

**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

## SECOND FLOOR PLAN 'C'

### 4 BEDROOM + MEDIA LOFT

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.	.	.	signature
5	REVISED AS PER ENG'S COMMENTS	DEC 07-16 RC	name BCIN
4	REVISED AS PER LOT 230	NOV. 25/16 JWM	registration information
3	REVISED AS PER ENG'S COMMENTS	APR 30-15 RC	YA3 Design Inc. 42658
2	ADDED UPGRADED REAR ELEVATIONS.	SEP. 30/14 CW	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	ISSUED FOR CLIENT REVIEW.	SEPT.15/14 DB	
no.	description	date	by

VA3  
DESIGN

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

## BAYVIEW WELLINGTON

**S42-6**  
RIDEAU 6

project name <b>GREEN VALLEY ESTATES</b>	municipality <b>BRADFORD</b>	project no. <b>13045</b>
date <b>SEPTEMBER 2014</b>		drawing no. <b>3</b>
drawn by <b>DARRYL BURTON</b>		checked by -
scale <b>3/16" = 1'-0"</b>		file name <b>13045-S42-6C LOT 230</b>
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\unlts\42\13045-S42-6c LOT 230.dwg - Wed - Dec 7 2016 - 11:10 AM		

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

ARCHITECTURAL REVIEW & APPROVAL  
DEC 12 2016  
John G. Williams Limited, Architect

**John G. Williams Limited, Architect**

ASPHALT SHINGLES  
(TYPICAL)

DEC 7, 2016



8" STUCCO TRIM  
SURROUND (TYP.)

STUCCO FINISH (TYP.)

FACE BRICK (TYP.)

CONT. PRECAST -  
CONC. SILL (TYP.)

SCUPPER-

20" DECORATIVE MTL  
RAILING

8" PRECAST CONC. ARCH  
ON 8" PRECAST CONC.  
SURROUND (TYP.)

POURED CONC. PORCH —  
SLAB AND DOOR SILL  
POURED CONC. FOUNDATION  
WALLS AND FOOTINGS  
(TYP.)

FRONT ELEVATION 'C'

# LOT 230

# Roof 'C'

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	.	.	.	signature	BCIN
5	REVISED AS PER ENG'S COMMENTS	DEC 07-16	RC	name	42658
4	REVISED AS PER LOT 230	NOV. 25/16	JWM	registration information	
3	REVISED AS PER ENG'S COMMENTS	APR 30-15	RC	VAS Design Inc.	
2	ADDED UPGRADED REAR ELEVATIONS.	SEP. 30/14	GW	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All 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	ISSUED FOR CLIENT REVIEW.	SEPT.15/14	DB		
no.	description	date	by		

**VA3**  
**DESIGN**  
300A Wilson Avenue  
Toronto ON M3H 1S8  
416.630.2255 f 416.630  
va3design.com

## BAYVIEW WELLINGTON

project name  
**GREEN VALLEY ESTATES**

municipality  
**BRADFORD**

**S42-6**  
RIDEAU 6

project no.  
13045

FRONT ELEVATION 'C'

4

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1'-0"



DEC 7, 2016

1'-0"

1'-0"

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ARCHITECTURAL REVIEW & APPROVAL  
DEC 12 2016  
John G. Williams Limited, Architect

VALLEY FLASHING  
ASPHALT SHINGLES (TYPICAL)

6:12

10:12

6:12

10:12

RAISED TOP PLATE

TOP OF PLATE

TOP OF WINDOW

20" DECORATIVE MTL. RAILING

FIN SECOND FLOOR

TOP OF TRANSOM

TOP OF WINDOW

DBL. PRECAST CONC. BAND

FIN GROUND FLOOR

POURED CONC. FOUNDATION WALLS AND FOOTINGS (TYP.)

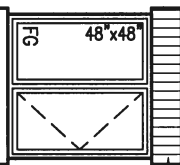
FIN. GRADE

5'-0" MIN.

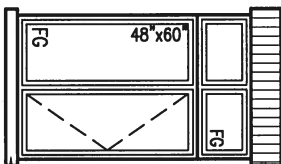
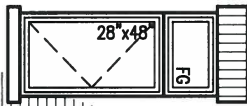
TOP OF SLAB

FACE BRICK (TYP.)

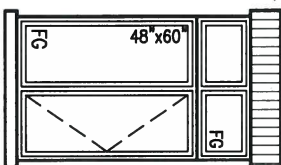
BRICK SOLDIER COURSE (TYP.)



PRECAST CONC. SILL (TYP.)



PRECAST CONC. SILL (TYP.)



30\"/>

VINYL CLAD STRUCT. STL. BASEMENT WINDOW (TYPICAL)

WALL AREA LIMITING DISTANCE OPENINGS ALLOWED OPENINGS PROVIDED

1262.71 SQ. FT.  
1.2 M (7%)  
88.39 SQ. FT.  
56.13 SQ. FT. (GLASS AREA ONLY)

LEFT SIDE ELEVATION 'C'

LOT 230

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.

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Toronto ON M3H 1S8  
t 416.630.2255 f 416.630.4782  
va3design.com

**BAYVIEW WELLINGTON**

**S42-6  
RIDEAU 6**

project name	GREEN VALLEY ESTATES	municipality	BRADFORD	project no.	13045
date	SEPTEMBER 2014	LEFT SIDE ELEVATION 'C'			drawing no.
drawn by	DARRYL BURTON	checked by	-	scale	3/16" = 1'-0"
file name	13045-S42-6C LOT 230				
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\42\13045-S42-6c LOT 230.dwg - Wed - Dec 7 2016 - 11:10 AM					

no.	description	date	by
9			
8			
7			
6			
5	REVISED AS PER ENG'S COMMENTS	DEC 07-16	RC
4	REVISED AS PER LOT 230	NOV. 25/16	JWM
3	REVISED AS PER ENG'S COMMENTS	APR 30-15	RC
2	ADDED UPGRADED REAR ELEVATIONS.	SEP. 30/14	GW
1	ISSUED FOR CLIENT REVIEW.	SEPT.15/14	DB



1'-0" 1'-0" 1'-0"

VALLEY FLASHING  
ASPHALT SHINGLES  
(TYPICAL)

10:12  
10:12  
6:12

10:12

6:12

DEC 7, 2016



1'-0" 1'-0" 1'-0"

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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  
DEC 12 2016  
John G. Williams Limited, Architect

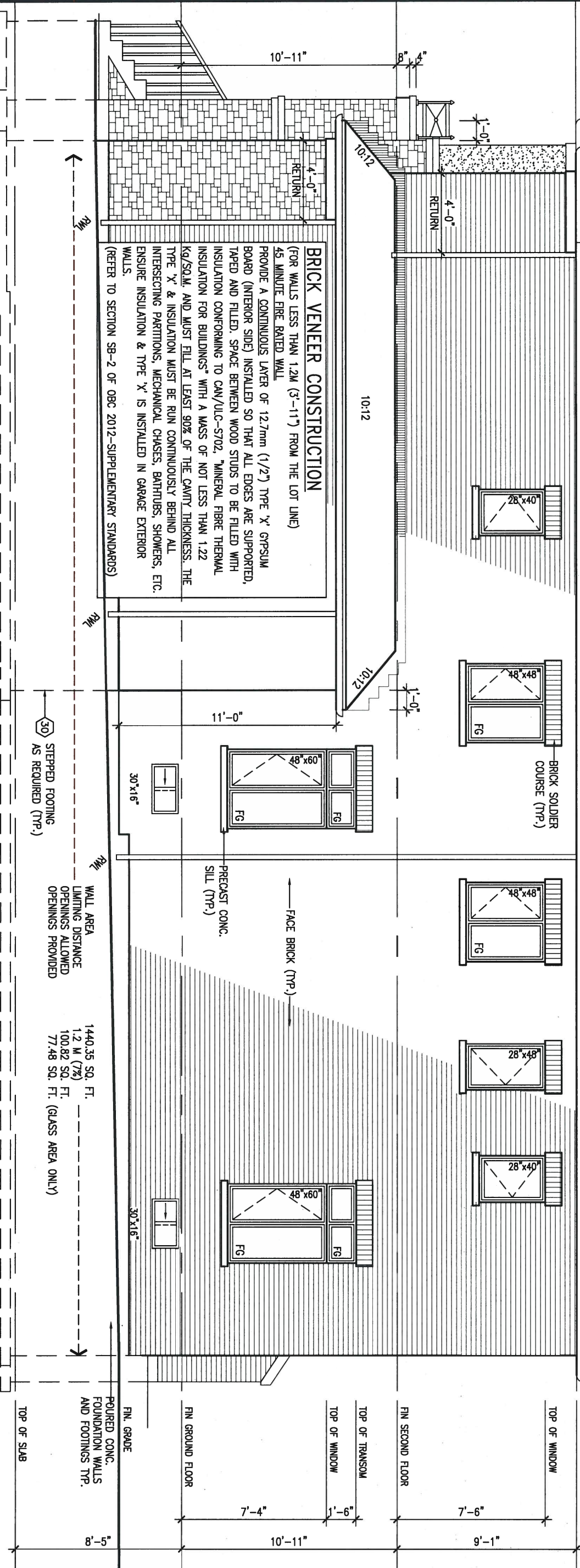
# BAYVIEW WELLINGTON

S42-6  
RIDEAU 6

project name	GREEN VALLEY ESTATES	municipality	BRADFORD	project no.	13045
date	SEPTEMBER 2014	RIGHT SIDE ELEVATION 'C'		drawing no.	6
drawn by	DARRYL BURTON	checked by		scale	3/16" = 1'-0"
file name	13045-S42-6C LOT 230				
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\42\13045-S42-6c LOT 230.dwg - Wed - Dec 7 2016 - 11:10 AM					

**VA3 DESIGN**  
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-Baptiste	signature	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.		



## BRICK VENEER CONSTRUCTION

(FOR WALLS LESS THAN 1.2M (3'-11") FROM THE LOT LINE)  
45 MINUTE FIRE RATED WALL  
PROVIDE A CONTINUOUS LAYER OF 12.7mm (1/2") TYPE 'X' GYPSUM BOARD (INTERIOR SIDE) INSTALLED SO THAT ALL EDGES ARE SUPPORTED, TAPED AND FILLED. SPACE BETWEEN WOOD STUDS TO BE FILLED WITH INSULATION CONFORMING TO CAN/ULC-S702, "MINERAL FIBRE THERMAL INSULATION FOR BUILDINGS" WITH A MASS OF NOT LESS THAN 1.22 Kg/Sq.M. AND MUST FILL AT LEAST 90% OF THE CAVITY THICKNESS. THE TYPE 'X' & INSULATION MUST BE RUN CONTINUOUSLY BEHIND ALL INTERSECTING PARTITIONS, MECHANICAL CHASES, BATHTUBS, SHOWERS, ETC. ENSURE INSULATION & TYPE 'X' IS INSTALLED IN GARAGE EXTERIOR WALLS.  
(REFER TO SECTION SB-2 OF OBC 2012-SUPPLEMENTARY STANDARDS)

STEPPED FOOTING  
AS REQUIRED (TYP.)

WALL AREA  
LIMITING DISTANCE  
OPENINGS ALLOWED  
OPENINGS PROVIDED

1440.35 SQ. FT.  
1.2 M (7%)  
100.82 SQ. FT.  
77.48 SQ. FT. (GLASS AREA ONLY)

POURED CONC.  
FOUNDATION WALLS  
AND FOOTINGS TYP.

TOP OF SLAB

FIN. GROUND FLOOR

TOP OF TRANSOM

TOP OF WINDOW

FIN SECOND FLOOR

TOP OF WINDOW

TOP OF PLATE

## RIGHT SIDE ELEVATION 'C'

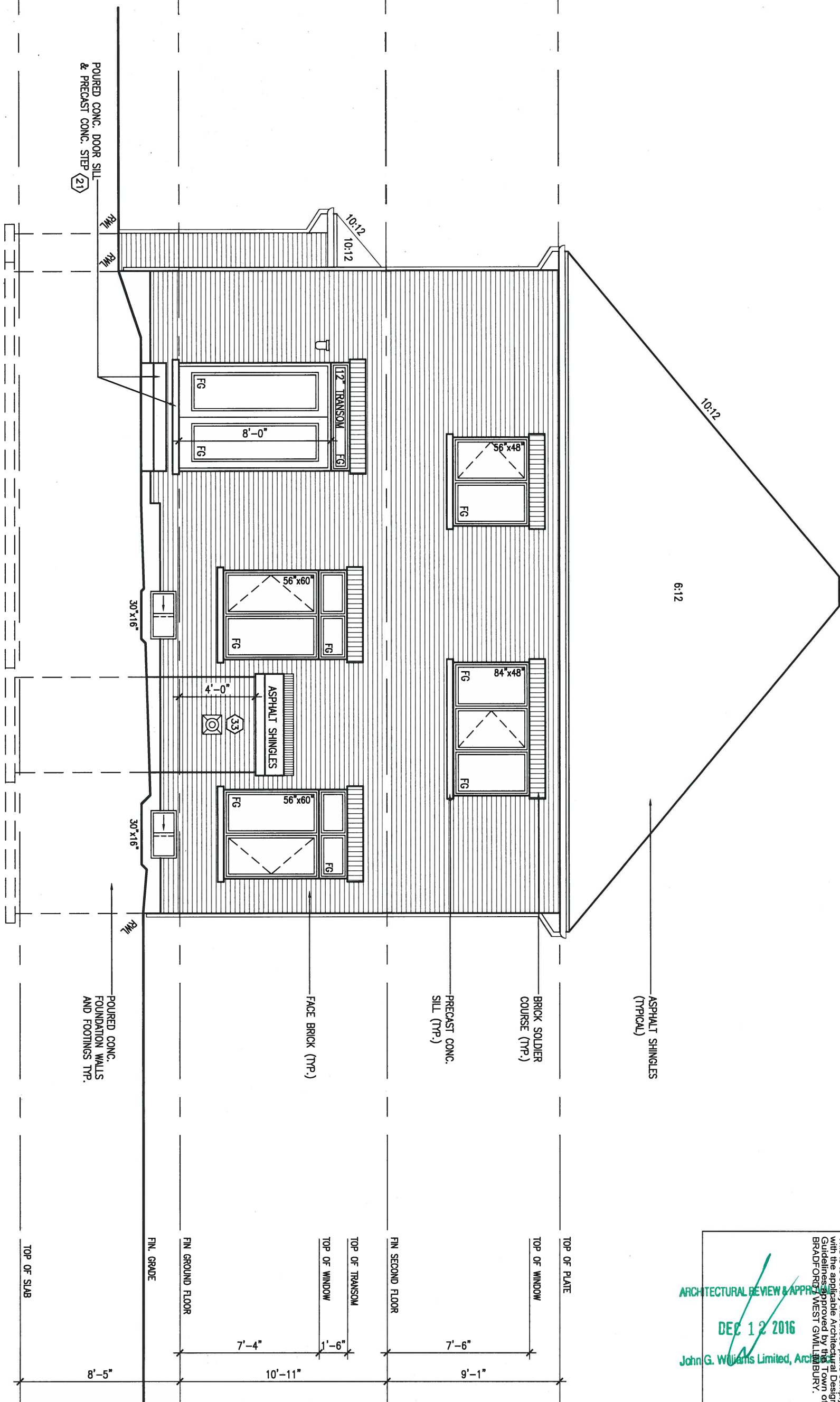
NOTE:  
REFER TO FRONT ELEVATION FOR  
TYPICAL NOTES & INFORMATION

LOT 230

9			
8			
7			
6			
5	REVISED AS PER ENG'S COMMENTS	DEC 07-16	RC
4	REVISED AS PER LOT 230	NOV. 25/16	JWM
3	REVISED AS PER ENG'S COMMENTS	APR 30-15	RC
2	ADDED UPGRADED REAR ELEVATIONS.	SEP. 30/14	GW
1	ISSUED FOR CLIENT REVIEW.	SEPT.15/14	DB
no.	description	date	by

REAR ELEVATION 'C'

LOT 230



DEC 7, 2016



This is to certify that these plans comply with the applicable Architectural Design Ordinance approved by the Town of GRADEFORD, WEST GUILDFORD, and all applicable regulations and requirements including zoning provisions and any provisions of the Architectural Guidelines. The architect is not responsible for any zoning or building drawings with respect to any zoning or building code or permit matter or that any house can be properly built or located on its lot.

ARCHITECTURAL REVIEW & APPROVAL  
DEC 12 2016  
John G. Williams Limited, Architect

9				The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the	
8				Ontario Building Code to be a Designer.	
7				qualification information	
6				Wellington Jno-Baptiste <i>Jno-Baptiste</i> 25591	
5	REVISED AS PER ENG'S COMMENTS	DEC 07-16	RC	name	BCIN
4	REVISED AS PER LOT 230	NOV. 25/16	JWM	registration information	
3	REVISED AS PER ENG'S COMMENTS	APR 30-15	RC	VA3 Design Inc.	42658
2	ADDED UPGRADED REAR ELEVATIONS.	SEP. 30/14	GW	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All 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	ISSUED FOR CLIENT REVIEW.	SEPT.15/14	DB		
no.	description	date	by		

**VA3**  
**DESIGN**  
300A Wilson Avenue  
Toronto ON M3H 1S8  
#16.630.2255 f 416.630  
va3design.com

t 416.630.2255 f 416.630.4782  
va3design.com

# BAYVIEW WELLINGTON

**S42-6**  
RIDEAU 6

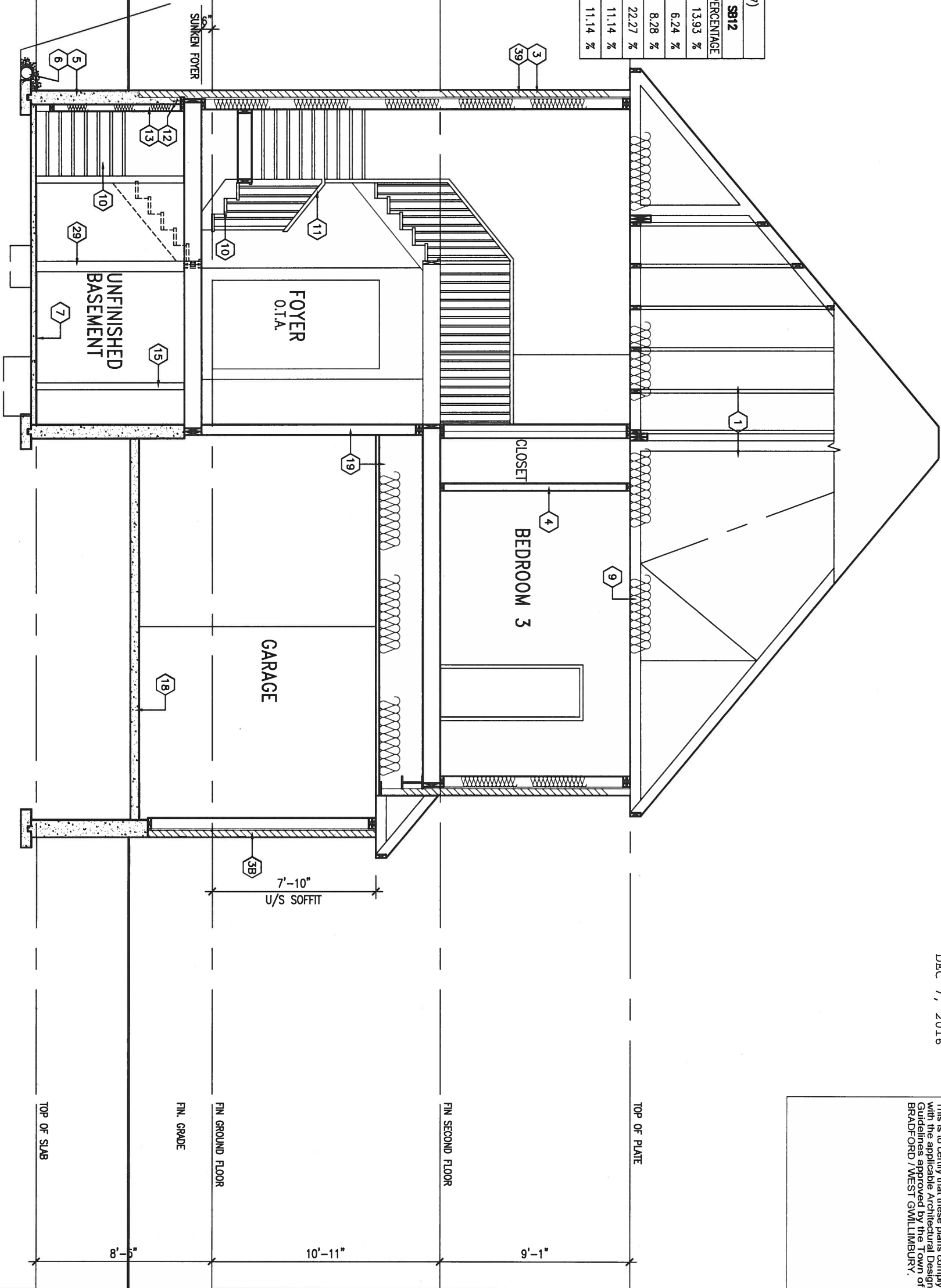
project name <b>GREEN VALLEY ESTATES</b>	municipality <b>BRADFORD</b>	project no. <b>13045</b>
date <b>SEPTEMBER 2014</b>		drawing no. <b>7</b>
drawn by <b>DARRYL BURTON</b>		REAR ELEVATION 'C' checked by <b>-</b>
scale <b>3/16" = 1'-0"</b>		file name <b>13045-S42-6C LOT 230</b>
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\42\13045-S42-6C LOT 230.dwg - Wed - Dec 7 2016 - 11:10 AM		

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AREA CALCULATIONS		ELEV. C
GROUND FLOOR AREA	1589 SF	
SECOND FLOOR AREA	1981 SF	
SUBTOTAL	3570 SF	
DEDUCT ALL OPEN AREAS	102 SF	
FINISHED BSMT AREA	00 SF	
<b>TOTAL NET AREA</b>	<b>3468 SF</b>	
	(322.18 m <sup>2</sup> )	
COVERAGE	2051 SF	
W/OUT PORCH	(190.54 m <sup>2</sup> )	
<b>COVERAGE</b>	<b>2126 SF</b>	
W/ PORCH	(197.51 m <sup>2</sup> )	

UNINSULATED OPENINGS (PER OBC, SB-12.2.1.1.(7))			
42-6 ELEVATION C	ENERGY EFFICIENCY - OBC S812		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	845 S.F.	117.68 S.F.	13.93 %
LEFT SIDE	1349 S.F.	84.17 S.F.	6.24 %
RIGHT SIDE	1395 S.F.	115.56 S.F.	8.28 %
REAR	741 S.F.	165.00 S.F.	22.27 %
TOTAL SQ. FT.	4330.00 S.F.	482.41 S.F.	11.14 %
TOTAL SQ. M.	402.27 S.M.	44.82 S.M.	11.14 %



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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			BAYVIEW WELLINGTON			S42-6		
8 .			Wellington Jno-Baptiste			300A Wilson Avenue			GREEN VALLEY ESTATES			RIDEAU 6		
7 .			signature			Toronto ON M3H 1S8			BRADFORD			project no.		
6 .			25591			t 416.630.2255 f 416.630.4782			SECTION A-A			drawing no.		
5 REVISED AS PER ENG'S COMMENTS			DEC 07-16 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.			date			13045		
4 REVISED AS PER LOT 230			NOV. 25/16 JWM						SEPTEMBER 2014			8		
3 REVISED AS PER ENG'S COMMENTS			APR 30-15 RC						checked by			13045-S42-6C LOT 230		
2 ADDED UPGRADED REAR ELEVATIONS.			SEP. 30/14 GW						scale			file name		
1 ISSUED FOR CLIENT REVIEW.			SEPT.15/14 DB						DARRYL BURTON			RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\42\13045-S42-6c LOT 230.dwg - Wed - Dec 7 2016 - 11:10 AM		
no.			description			date			by					



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/m<sup>2</sup>) 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 2.1.1.2A) 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") (R2B) 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 2.1.1.2A) 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"x8") (R2B) 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 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, 2.1) 200mm (8") POURED CONC. FDTN. WALL 15MPa (2200psi) WITH BITUMENOUS DAMPROOFING 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

	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 DAMPROOFING BELOW SLAB. UNDER SLAB INSULATION PER SB-12. ALL SLAB JOINTS & PENETRATIONS TO BE CAULKED.

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

9. ATTIC INSULATION (SB-12-TABLE 2.1.1.2A) (SB-12-2.1.1.7) RSI 8.81 (R50) BLOWN IN ROOF INSULATION AND APPROVED VAPOUR BARRIER, 16mm (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. DAMPROOF 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 DAMPROOFING 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 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/CSG-8.2-9.4. AND WITH 150x150x9.5 (6"x6"x3/8") STL. PLATE TOP & BOTTOM, 87x80x7x0.410 (34"x34"x1/16") CONC. FOOTING ON UNDISTURBED SOIL OR ENGINEERED FILL CAPABLE OF SUSTAINING A PRESSURE OF 150 kpa. MINIMUM AND AS PER SOILS REPORT.

15A. STEEL BEARING 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") COMPACT GRANULAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL. SLOPE TO FRONT.

19. GARAGE CEILING/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. 9.8.9.2., 9.8.9.3. & 9.8.10.

22. DRYER EXHAUST (OBC-6.2.3.8.(7) & 6.2.4.1.1) 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"x11"x5/8") STL. PLATE FOR STL BEAMS AND 280x280x12 (11"x11"x1/2") STL. PLATE FOR WOOD BEAMS BEARING ON SLAB. BLOCK PARTYWALL, ANCHORED WITH 2-19mm (3/4") x 200mm (8") LONG GALV. ANCHORS WITHIN SOLID BLOCK COURSE. LEVEL WITH NON-SHRINK GROUT.

28. 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).

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. REINF. WITH 10M BARS @ 200mm (7 7/8") O.C. EACH WAY IN BOTTOM THIRD OF SLAB. MIN. 30mm (1 1/4") COVER. 60x600 (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") BEARINGS 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. 0.35m<sup>2</sup> 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. 9.5.2.3, 3.8.3.8.(1)(d) & 3.8.3.13.(1)(f). SEE DETAIL. 5) ALL EXTERIOR DOORS TO COMPLY WITH THERMAL RESISTANCE AS STATED IN O.B.C. SB-12.2.1.1.9. 6) ALL AIR BARRIER SYSTEMS ARE REQUIRED TO COMPLY WITH O.B.C. DIV.-8 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", 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 "SCI" 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 ml. POLYETHYLENE FILM, No. 50 (45lbs.) ROLL ROOFING OR OTHER DAMPROOFING 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. B-9.23.4.3. 2) REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 40R.

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)  
WEATHERPROOF DUPLUX OUTLET  
POT LIGHT  
LIGHT FIXTURE (PULL CHAIN)  
SWITCH  
FLOOR DRAIN  
SINGLE JOIST  
DOUBLE JOIST  
TRIPLE JOIST  
LAMINATED VENEER LUMBER  
POINT LOAD FROM ABOVE  
PRESSURE TREATED LUMBER  
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.

DEC 7, 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.

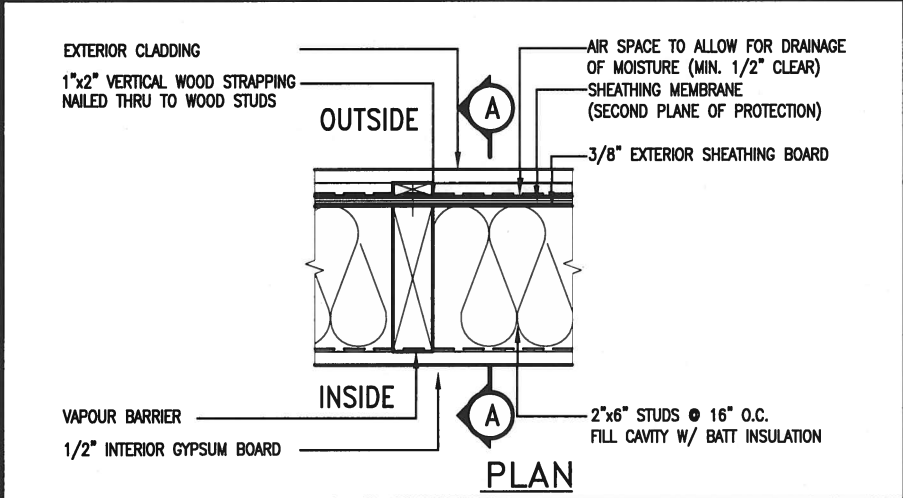
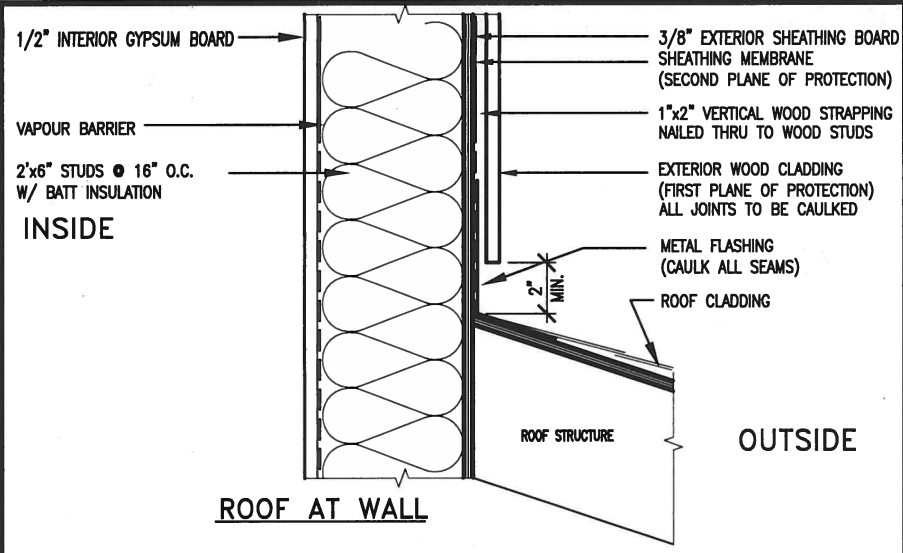
41. FOUNDATION WALL (W.O.D./W.O.B.) -FOR LATERAL SUPPORT WHERE GRADE TO T/O BASEMENT SLAB EXCEEDS 1200mm (3'-11") FOR 200mm (8") POURED CONC. FOUNDATION WALL PROVIDE VERTICAL 38x140 (2"x6") WOOD STUDS @ 400 (16") o.c. MATCH FLOOR JOIST SPACING WHEN PARALLEL WITH FLOOR JOISTS. [RAMSET BOTTOM PLATE TO 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. 332/12-2012 OBC  
Amendment O. Reg. 368/13  
NOV. 13, 2014

WOOD LINTELS AND BUILT-UP WOOD BEAMS

L1	2/38 x 184	(2/2" x 8")	SPR.#2	
B1	3/38 x 184	(3/2" x 8")	SPR.#2	
B2	4/38 x 184	(4/2" x 8")	SPR.#2	
B7	5/38 x 184	(5/2" x 8")	SPR.#2	
L3	2/38 x 235	(2/2" x 10")	SPR.#2	
B3	3/38 x 235	(3/2" x		

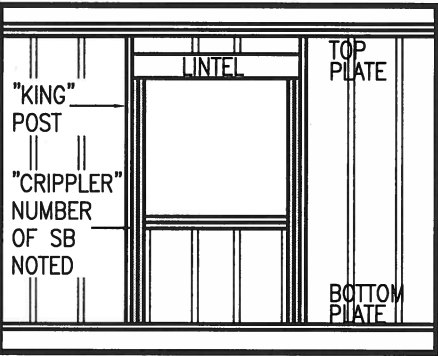
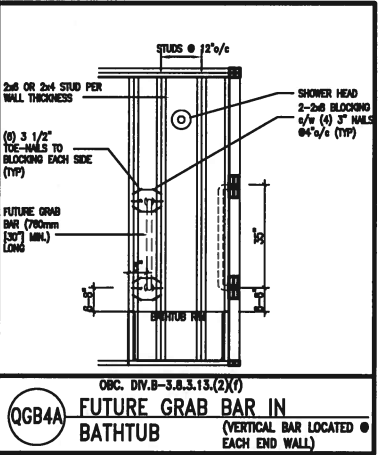
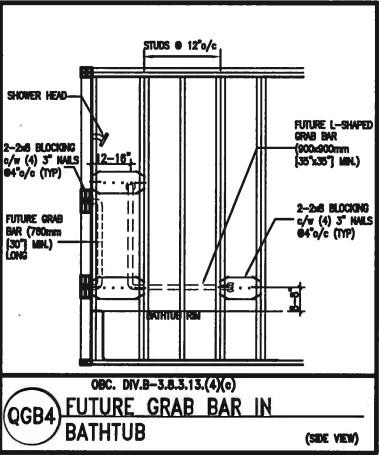
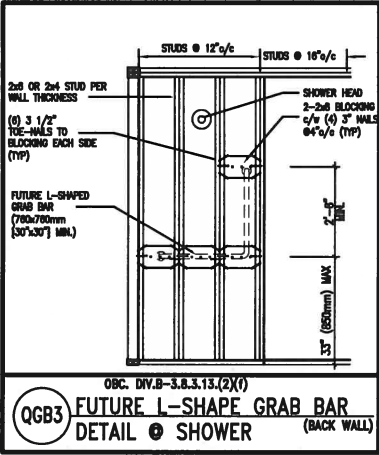
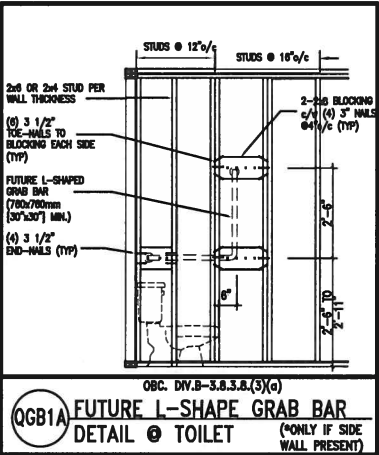
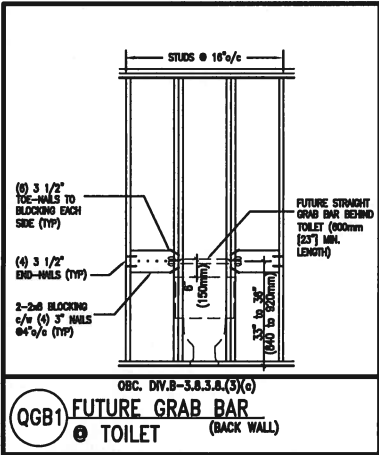


EXTERIOR WOOD CLADDING WALL ASSEMBLY



DEC 7, 2016

**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"  
2-2"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

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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-Baptista 25591

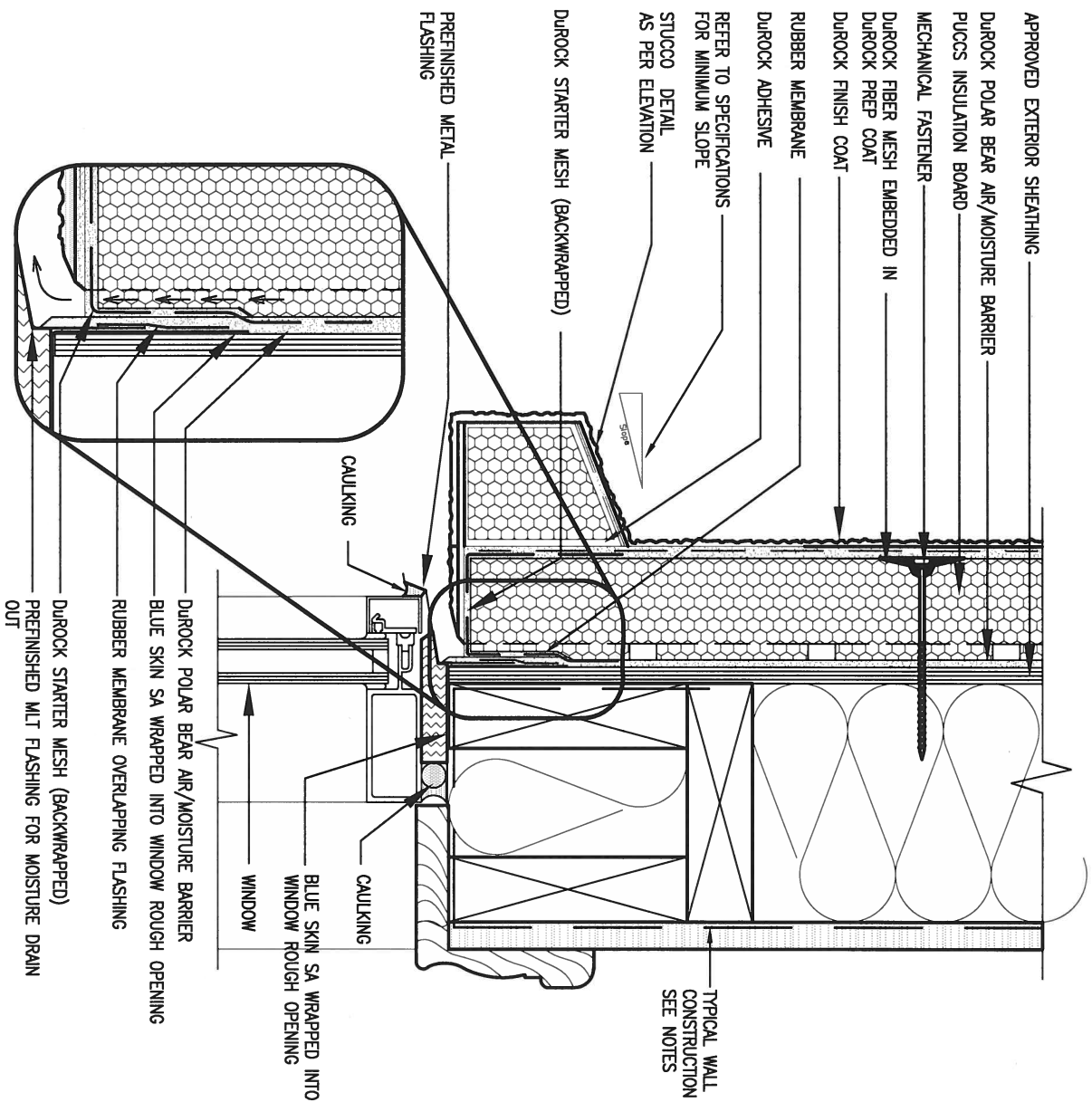
name registration information  
VA3 Design Inc. 42658

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			project no. 13045	
municipality BRADFORD			drawing no. CN2	
date APR 2014			CONSTRUCTION NOTES	
drawn by RC		checked by -	scale 3/16" = 1'-0"	file name 13045-CONST-OBC 2015
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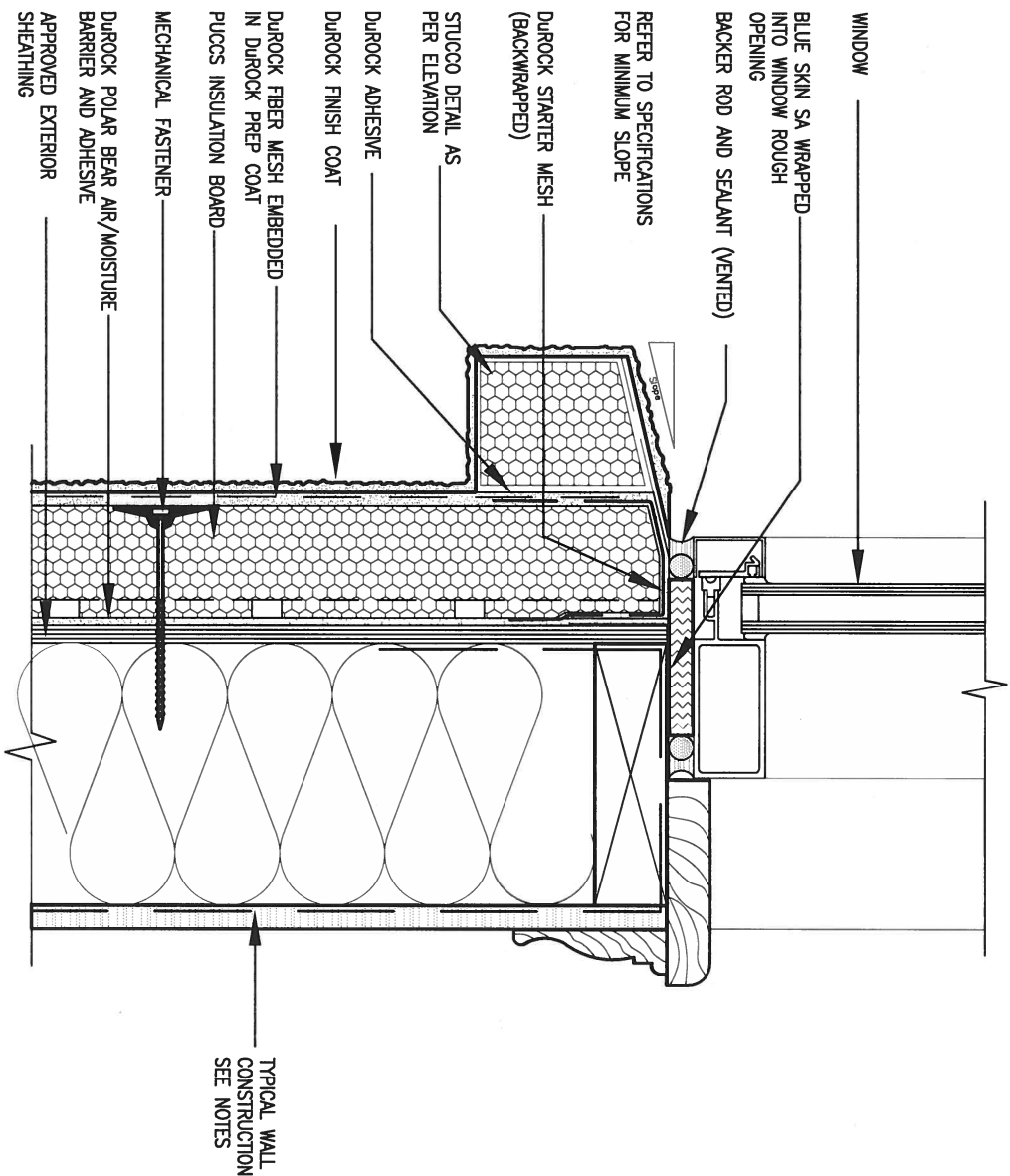
1 WINDOW HEADER

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

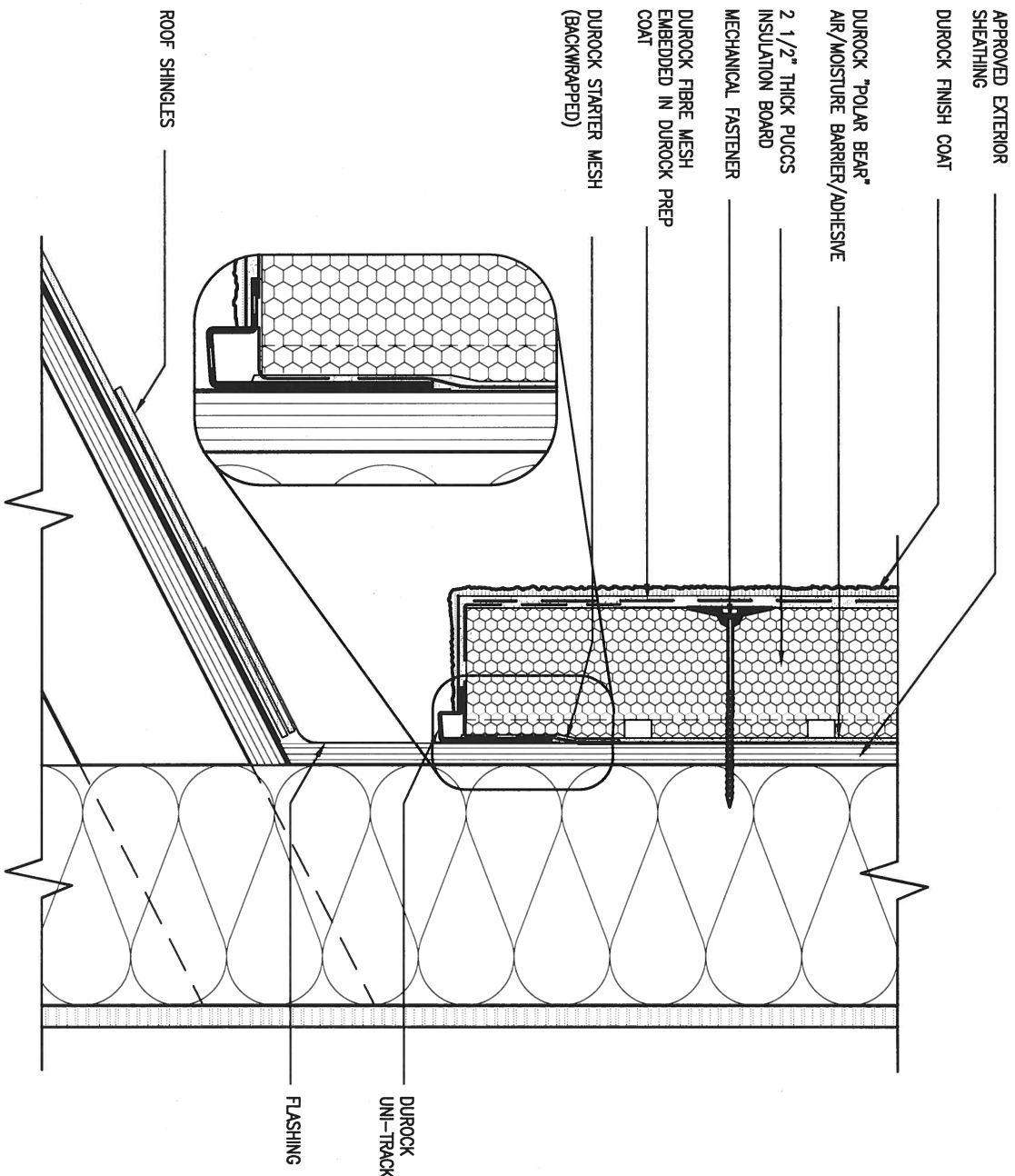
SCALE: 3"=1'-0"

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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	signature	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**  
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Toronto ON M3H 1S8  
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va3design.com

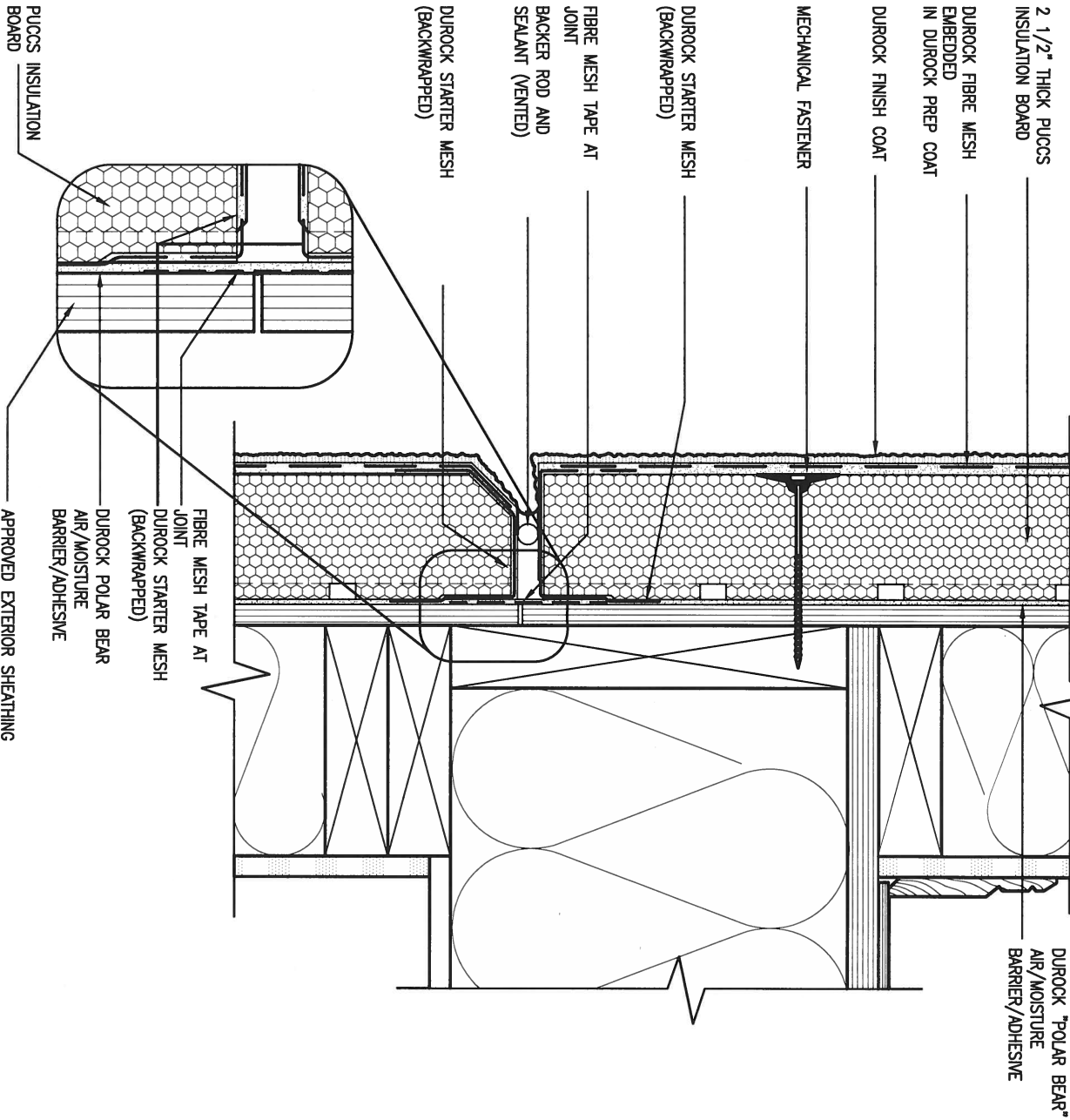
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date	APR 2014	project no.	13045
drawn by	RC	checked by	-
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CONSTRUCTION NOTES		drawing no.	
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3 STUCCO TERMINATION @ ROOF

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



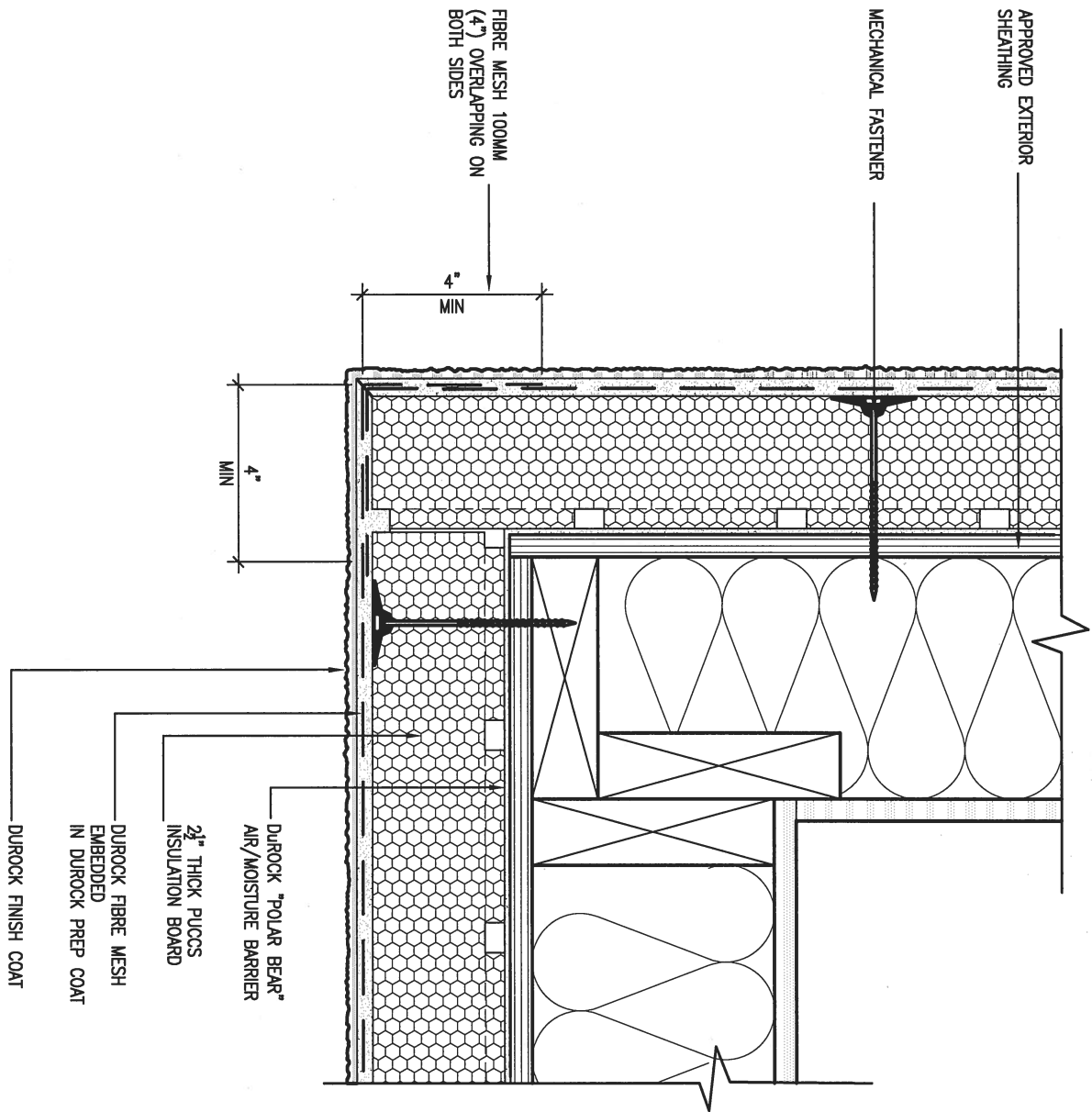
4 HORIZONTAL EXPANSION JOINT

CN4 SCALE: 3"=1'-0"

9	.	.	.	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	.	.	.	signature	BCN
5	.	.	.	name registration information	42658
4	.	.	.	VAS Design Inc.	
3	.	.	.	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.	
2	UPDATE TO CODE	APR 16-15	RC		
1	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC		
no.	description	date	by		

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	
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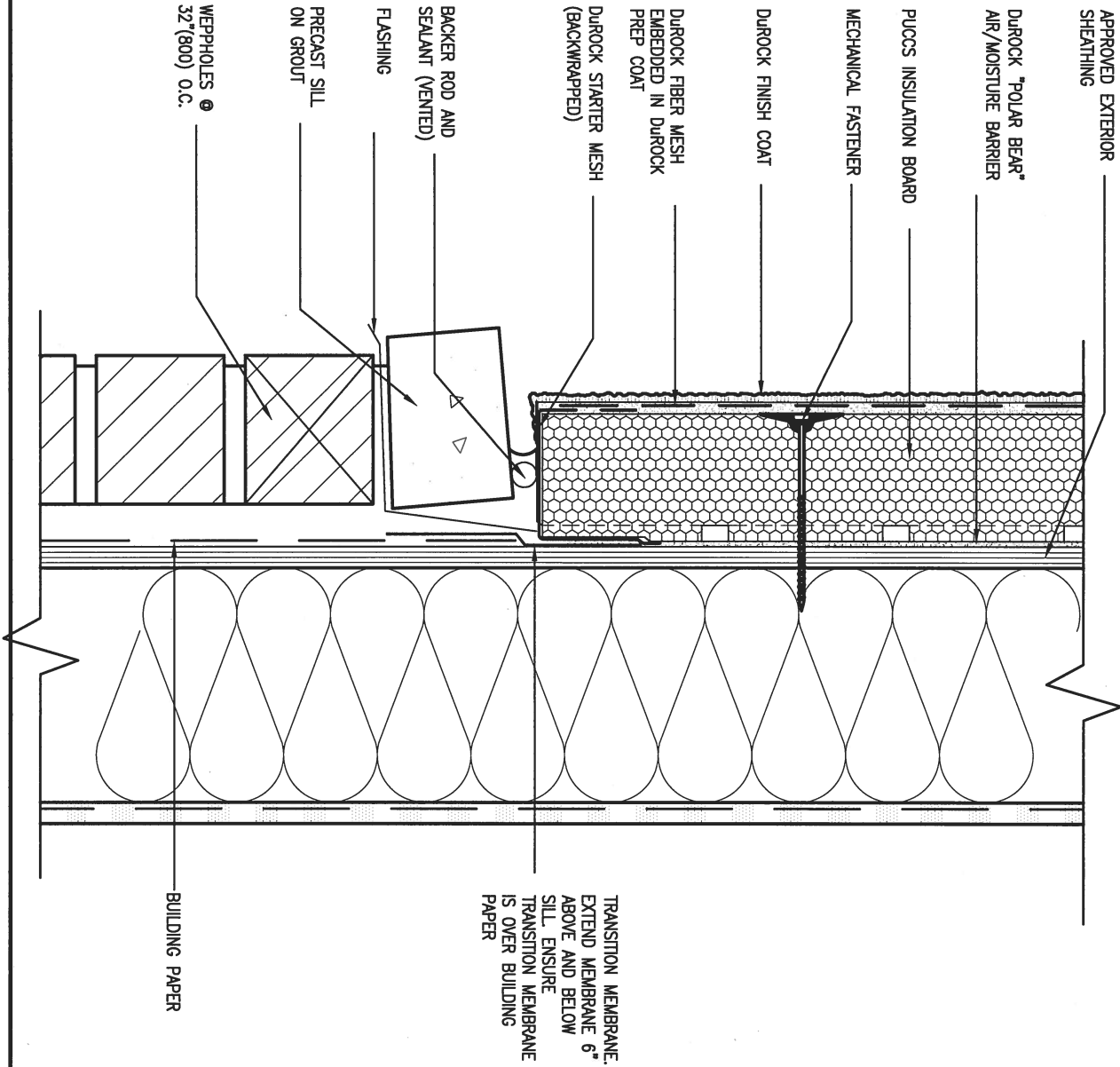




## 5 CORNER DETAIL

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"

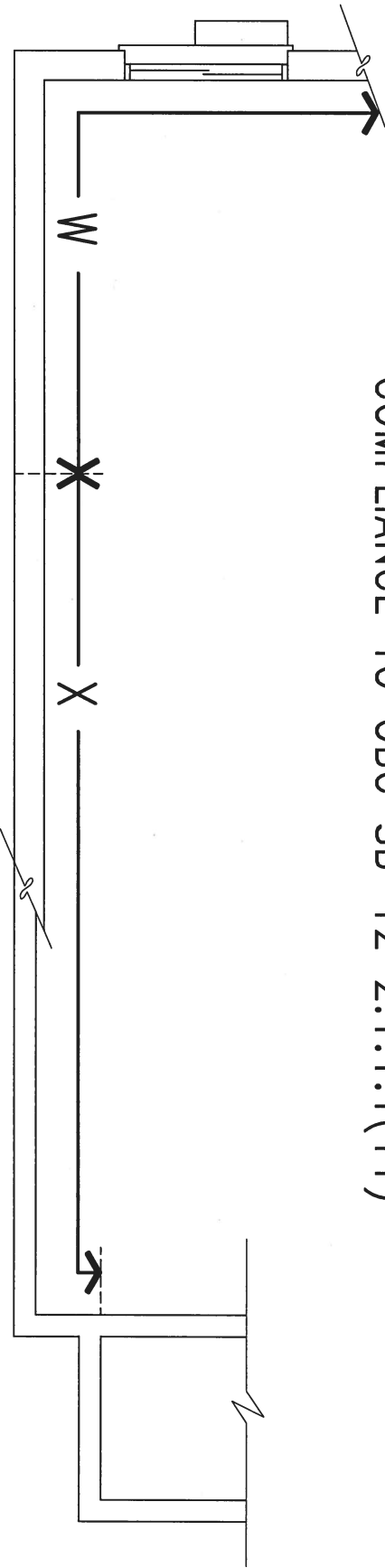
9	.	.	The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.
8	.	.	qualification information
7	.	.	Wellington Jno-Baptiste 25591
6	.	.	signature BCIN
5	.	.	name registration information VA3 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

<b>VA3 DESIGN</b>		300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782 va3design.com	
project name		BAYVIEW WELLINGTON	
municipality		BRADFORD	
project no.		13045	
date		APR 2014	
drawn by		checked by scale	
RC		- 3/16" = 1'-0"	
file name		13045-CONST-0BC 2015	
drawing no.		CN5	
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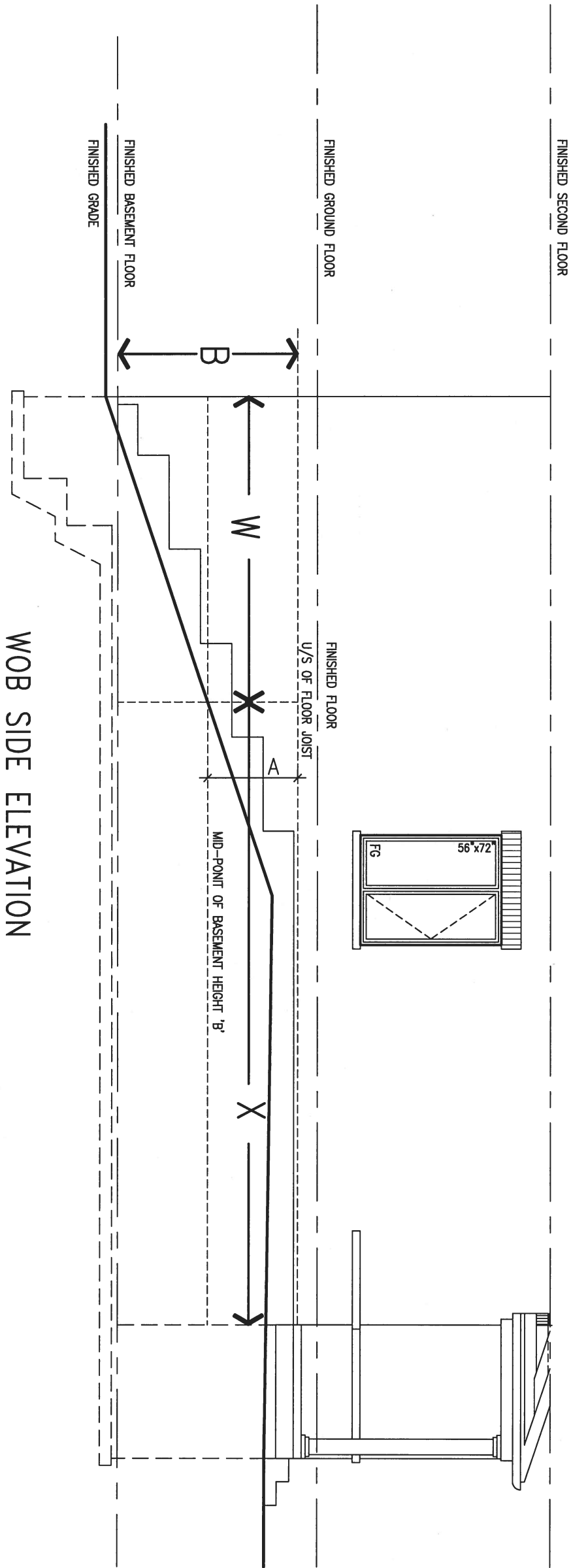




COMPLIANCE TO OBC SB-12 2.1.1.1(11)



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.	 <b>VA3 DESIGN</b> 300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782 va3design.com	<b>BAYVIEW WELLINGTON</b>	<b>CONST NOTE</b> -							
8	.	.	qualification information										
7	.	.	Wellington Jno-Baptiste 25591										
6	.	.	signature										
5	.	.	BCIN										
4	.	.	registration information	42658	project name <b>GREEN VALLEY ESTATES</b>	municipality <b>BRADFORD</b>	project no. <b>13045</b>						
3	.	.	VA3 Design Inc.										
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.	date <b>APR 2014</b>	checked by <b>RC</b>	scale <b>3/16" = 1'-0"</b>	file name <b>13045-CONST-OBC 2015</b>	drawing no. <b>CN7</b>
1	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC										
no.	description	date	by										





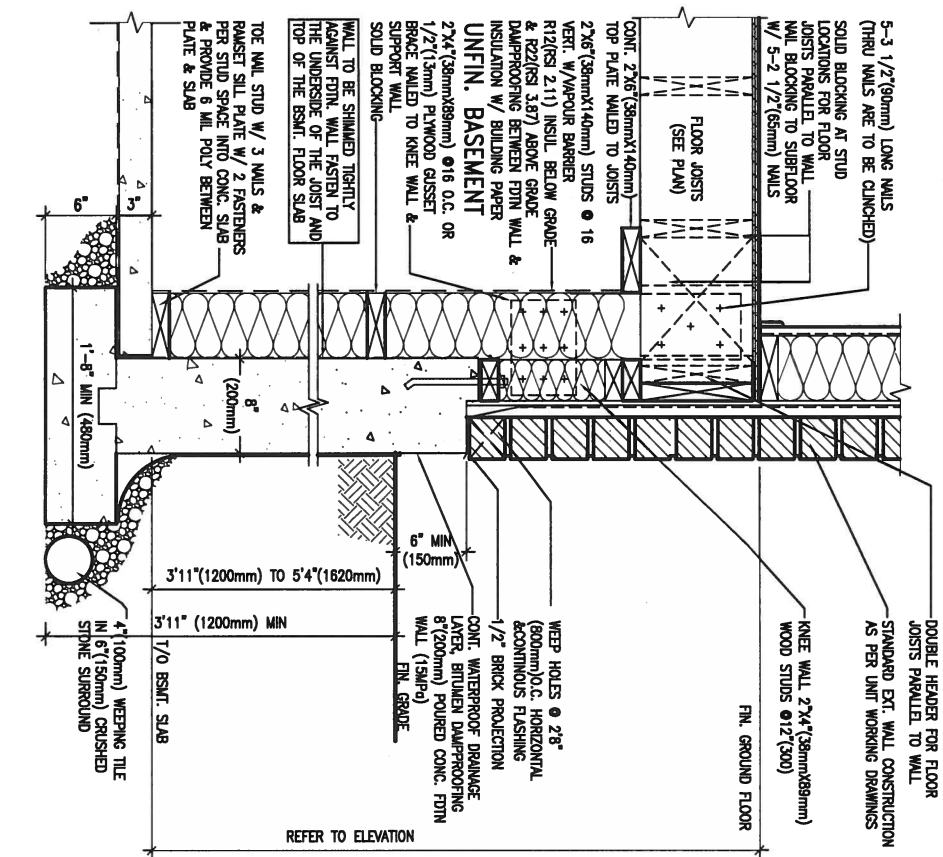


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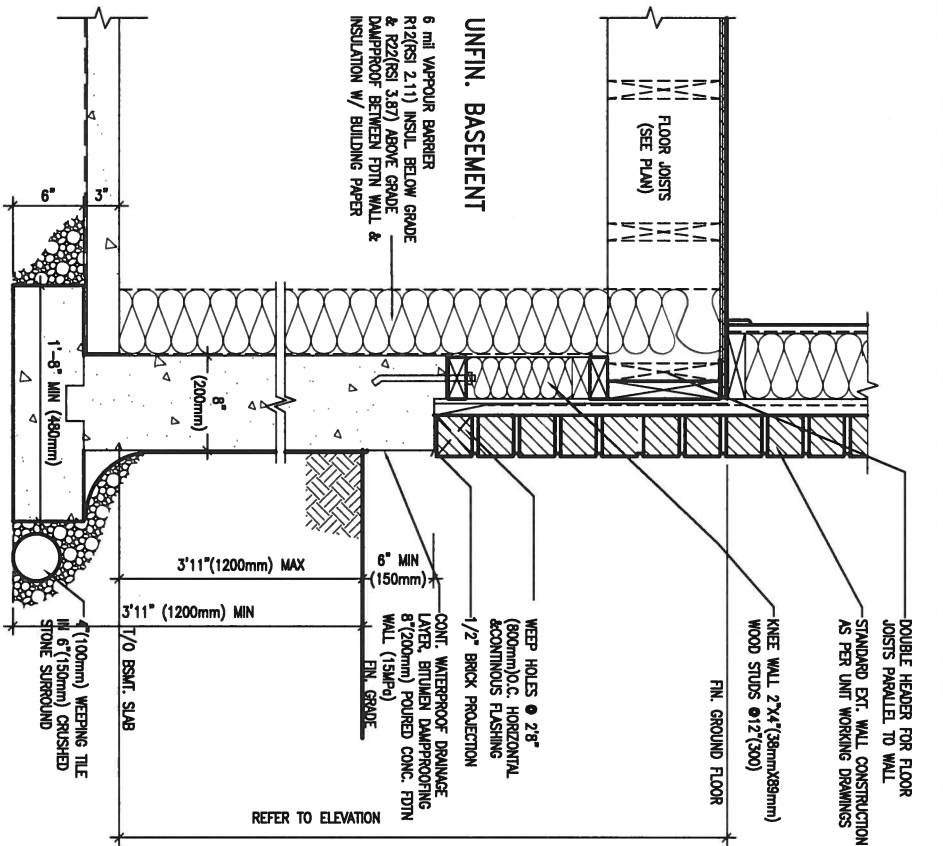
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date APR 2014		drawing no.	
municipality BRADFORD		CONSTRUCTION NOTES	
drawn by RC		file name 13045-CONST-0BC 2015	
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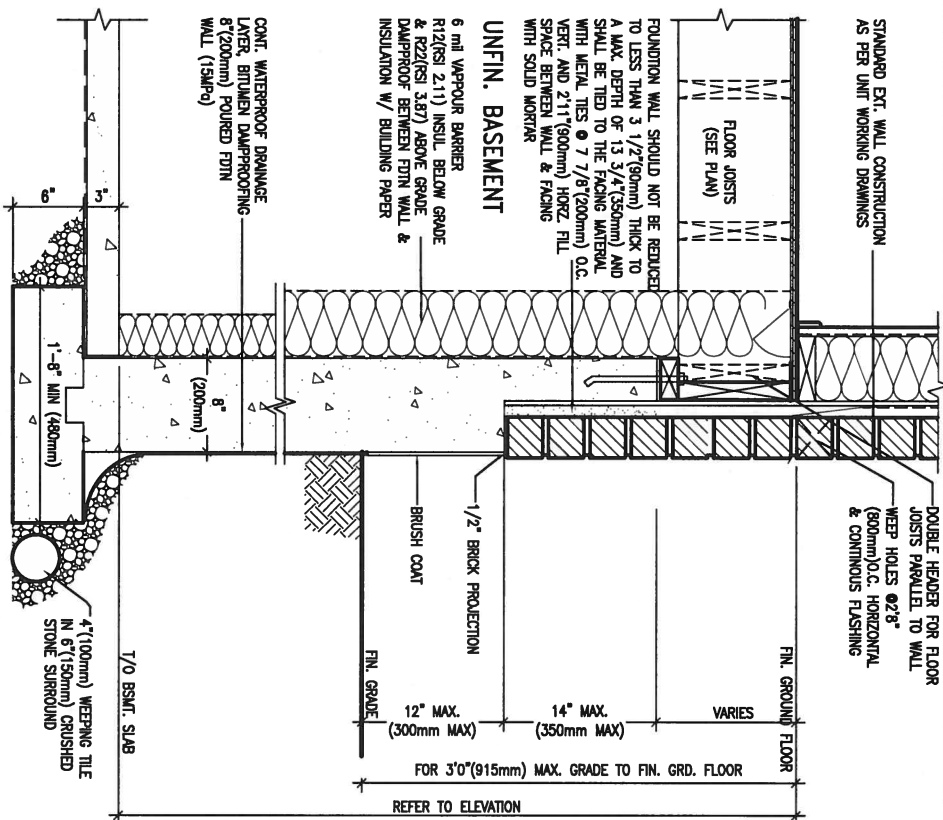
The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.	
qualification information	
Wellington Jno-Baptiste	25591
name registration information	BCN
VA3 Design Inc.	42658
Contractor 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.	



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

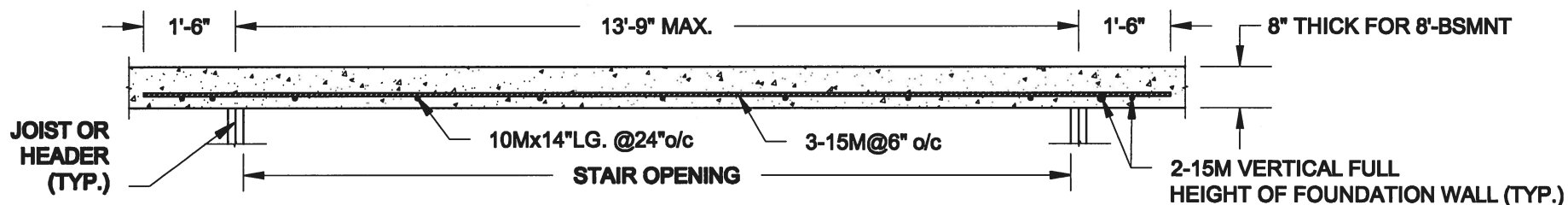


WALK-OUT DECK WALL SECTION FOR GRADE  
EW3.07B TO BASEMENT SLAB 3'11" (1200mm) MAX. HEIGHT DIFFERENCE  
N.T.S.

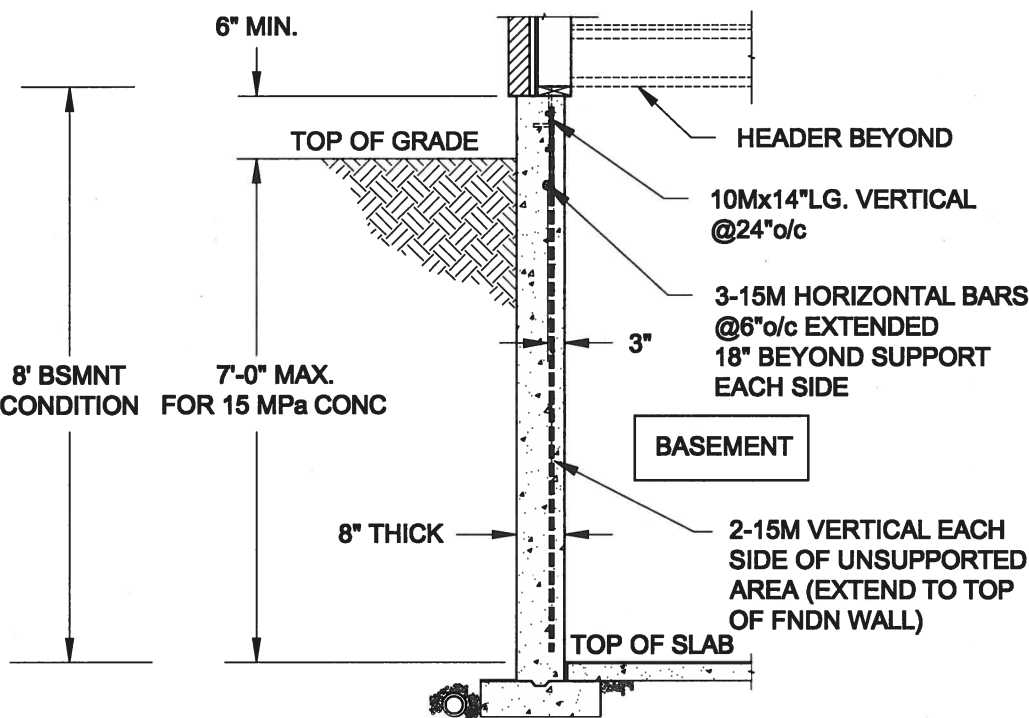


WALK-OUT DECK WALL SECTION FOR GRADE  
EW3.06B GRADE TO FIN. FLOOR 3'0" (900mm) MAX. HEIGHT DIFFERENCE  
N.T.S.

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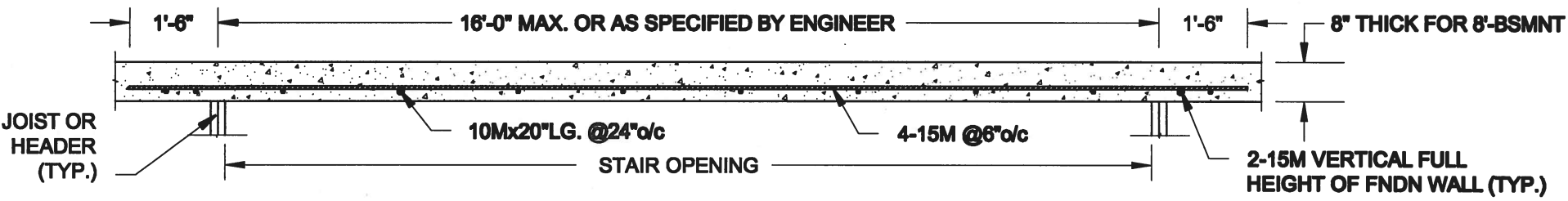


PLAN VIEW

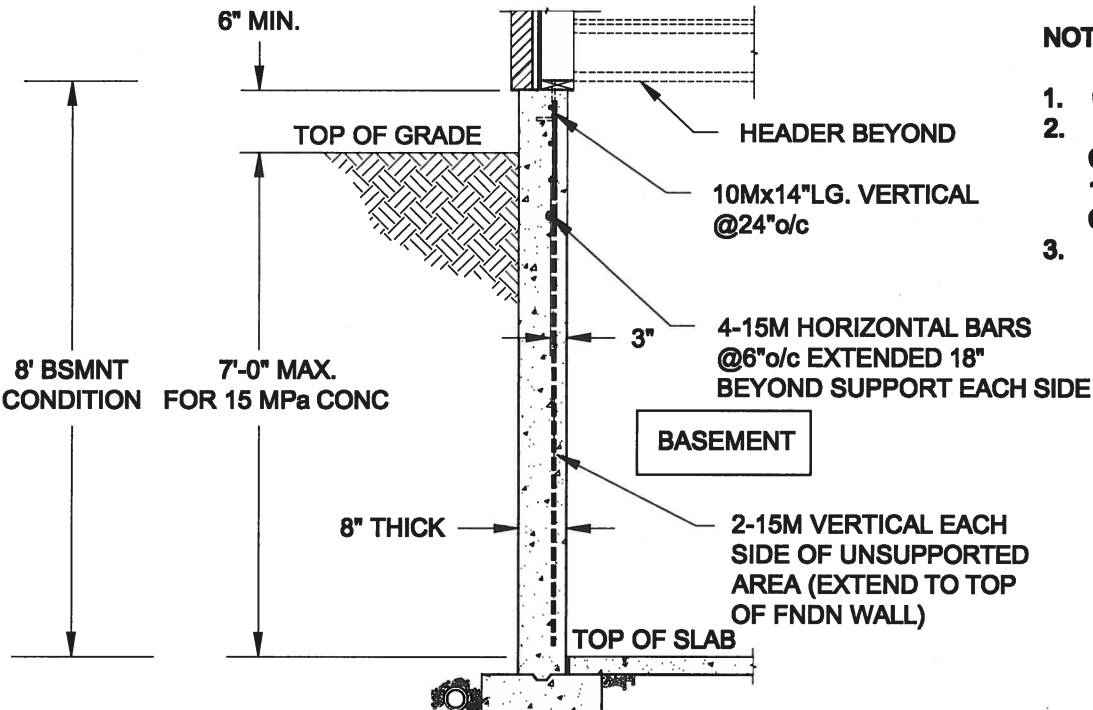


- NOTES:
1. CONFORM TO ONTARIO BUILDING CODE, 2012.
  2. FOR 8'-BSMNT WHERE BACKFILL HEIGHT = 7'-0" MAX., CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE 15 MPa. MIN., OTHERWISE PROVIDE 20 MPa. 28-DAY COMPRESSIVE STRENGTH CONCRETE.
  3. REINFORCING STEEL TO BE GRADE 400.

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





PLAN VIEW



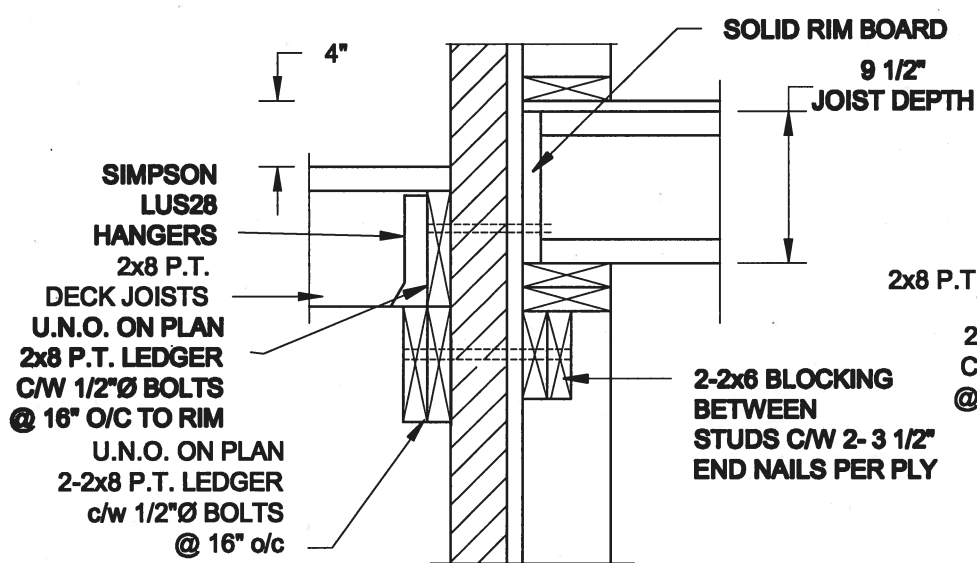
- NOTES:
1. CONFORM TO ONTARIO BUILDING CODE, 2012.
  2. FOR 8'-BSMNT WHERE BACKFILL HEIGHT = 7'-0" MAX., CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE 15 MPa. MIN., OTHERWISE PROVIDE 20 MPa. 28-DAY COMPRESSIVE STRENGTH CONCRETE.
  3. REINFORCING STEEL TO BE GRADE 400.

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

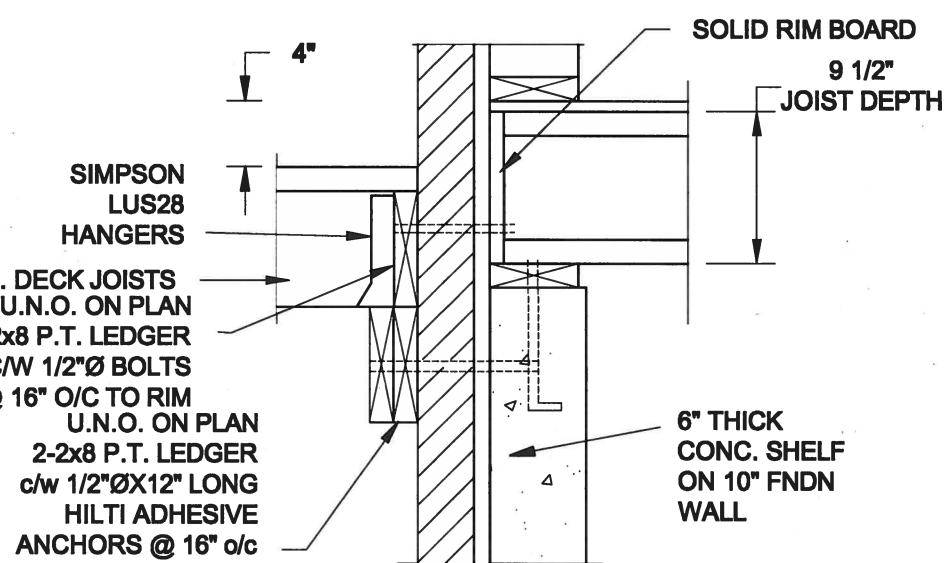
Scale: AS NOTED		<div>QUAILE ENGINEERING LTD.</div> <div></div> <div>38 Parkside Drive, UNIT 7 Newmarket, ON L3Y 8J9 T: 905-853-8547 E: quaile.eng@rogers.com</div>	<div>Engineer's Seal:</div> <div></div> <div>MAY 30, 2016</div>	Project: BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT BRADFORD, ONTARIO	
Date: MAY-31-2018				TYPICAL STRUCTURAL DETAILS FOR SINGLES	
Drawn: SC	Checked: SJB			Project No.: 16-102	Drawing No.: S1



**FOR 9 1/2" JOIST DEPTH**



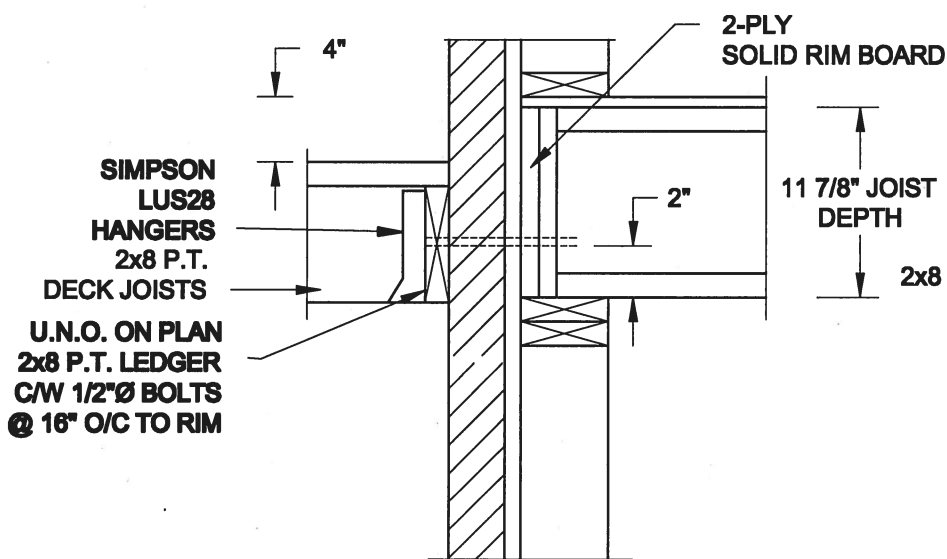
**1A DECK FASTENING DETAIL**  
**S2** SCALE: 1" = 1'-0"



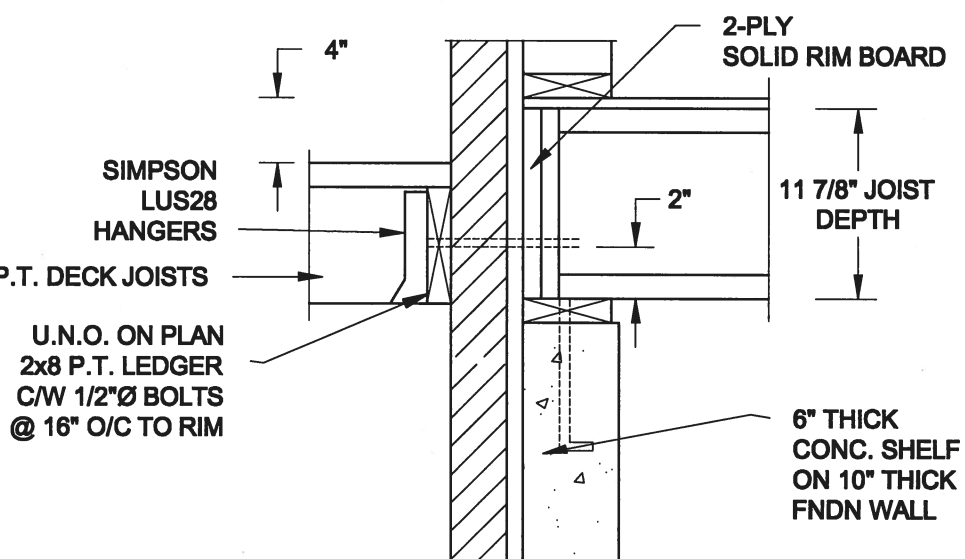
**1B DECK FASTENING DETAIL**  
**S2** SCALE: 1" = 1'-0"

- 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**

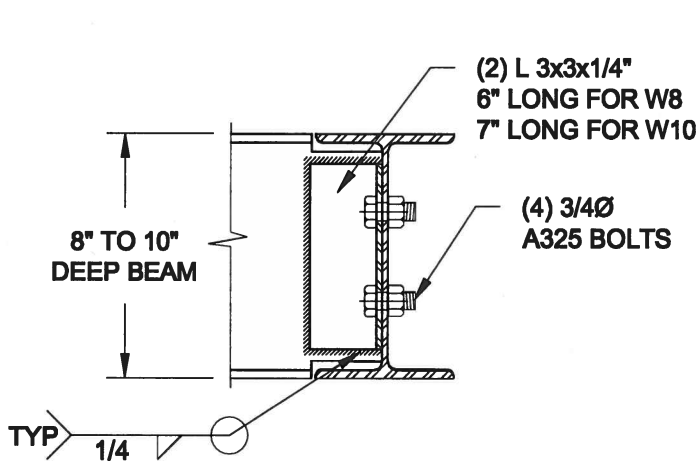


**2A DECK FASTENING DETAIL**  
**S2** SCALE: 1" = 1'-0"

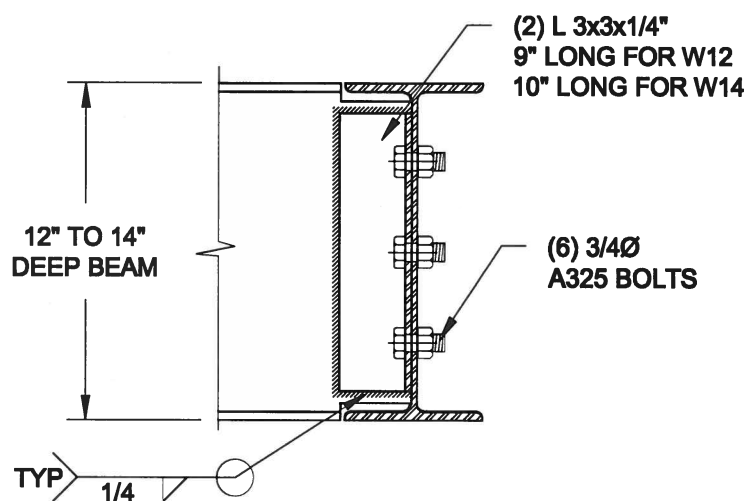


**2B DECK FASTENING DETAIL**  
**S2** SCALE: 1" = 1'-0"

- 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 STEEL BEAM CONNECTION DETAIL**  
**S2** SCALE: 1-1/2" = 1'-0"

Scale:  
AS NOTED

Date:  
MAY-31-2016

Drawn:  
SC

Checked:  
SJB

**QUAILE ENGINEERING LTD.**



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Engineer's Seal



MAY 30, 2016

Project:

BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT  
BRADFORD, ONTARIO

TYPICAL STRUCTURAL DETAILS FOR SINGLES

Project No.:

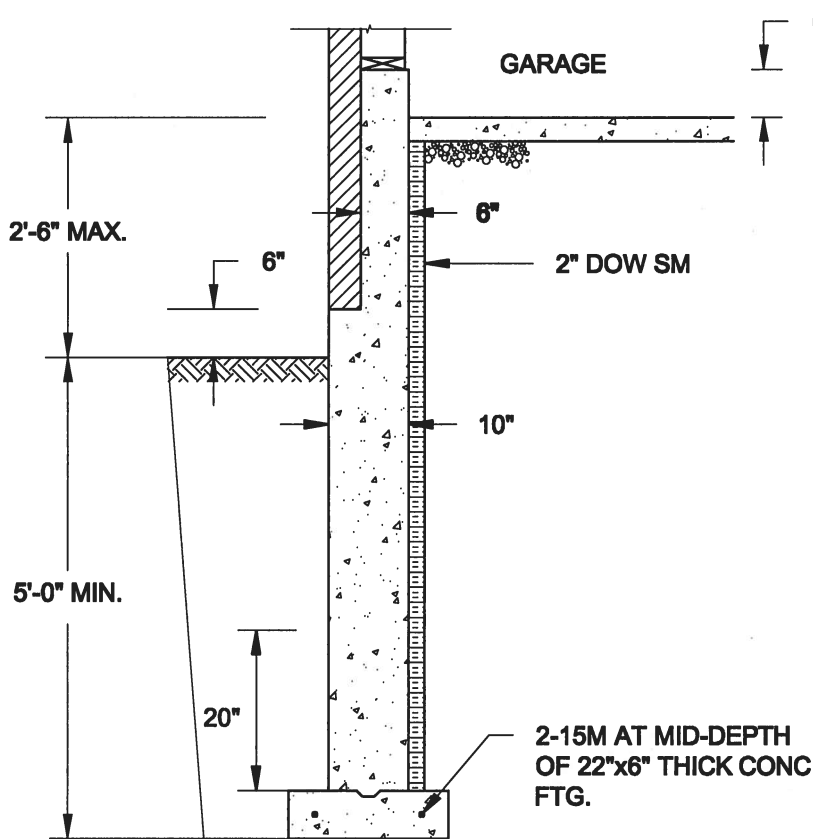
16-102

Drawing No.:

S2



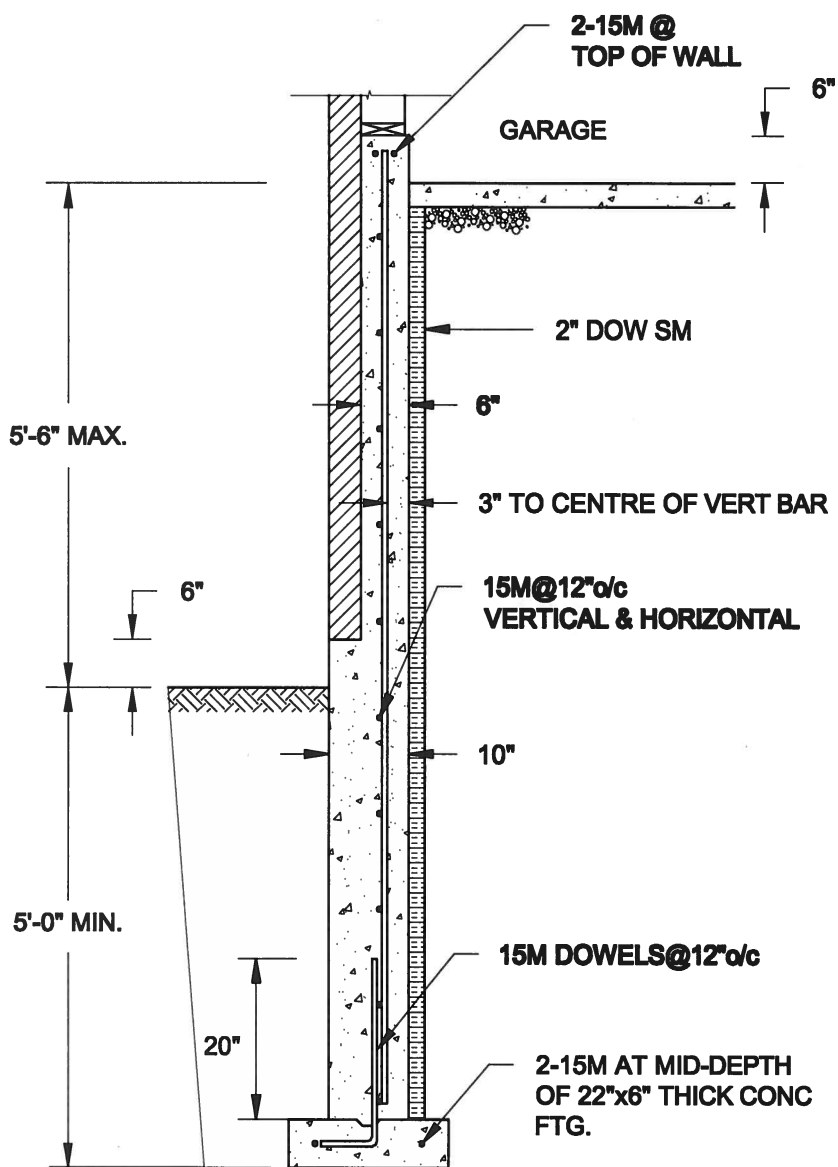




**1A**  
**S4** **REINFORCED BRICKSHELF**  
SCALE: 1/2" = 1'-0"

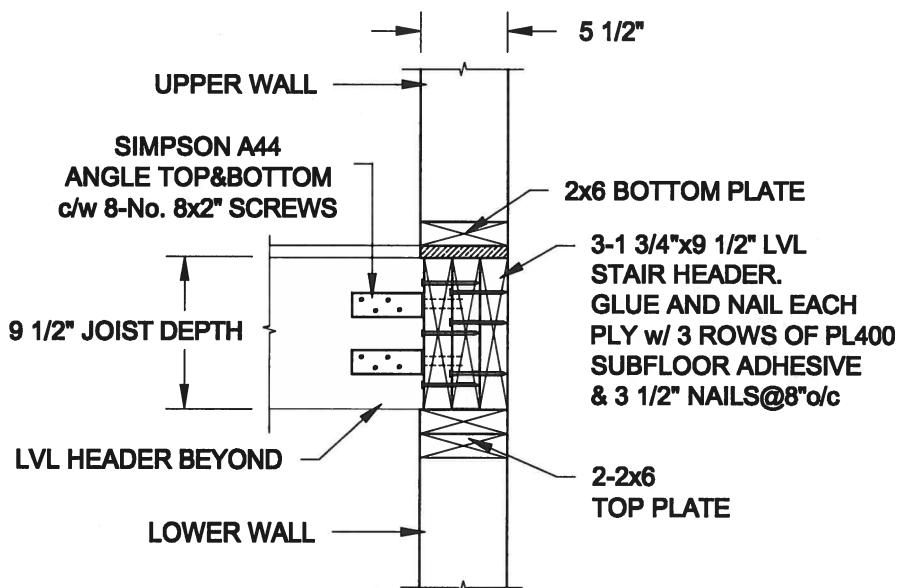
**NOTE:**

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.

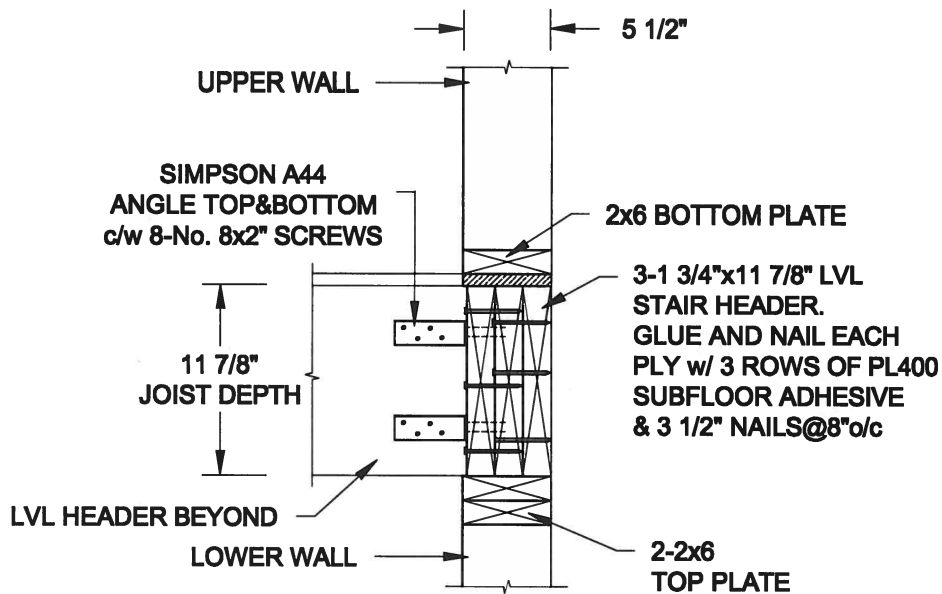


**1B**  
**S4** **REINFORCED BRICKSHELF**  
SCALE: 1/2" = 1'-0"

**FOR 9 1/2" JOIST DEPTH**



**FOR 11 7/8" JOIST DEPTH**



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

Scale:  
AS NOTED

Date:  
MAY-31-2016

Drawn:  
SC

Checked:  
SJB

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BRADFORD, ONTARIO

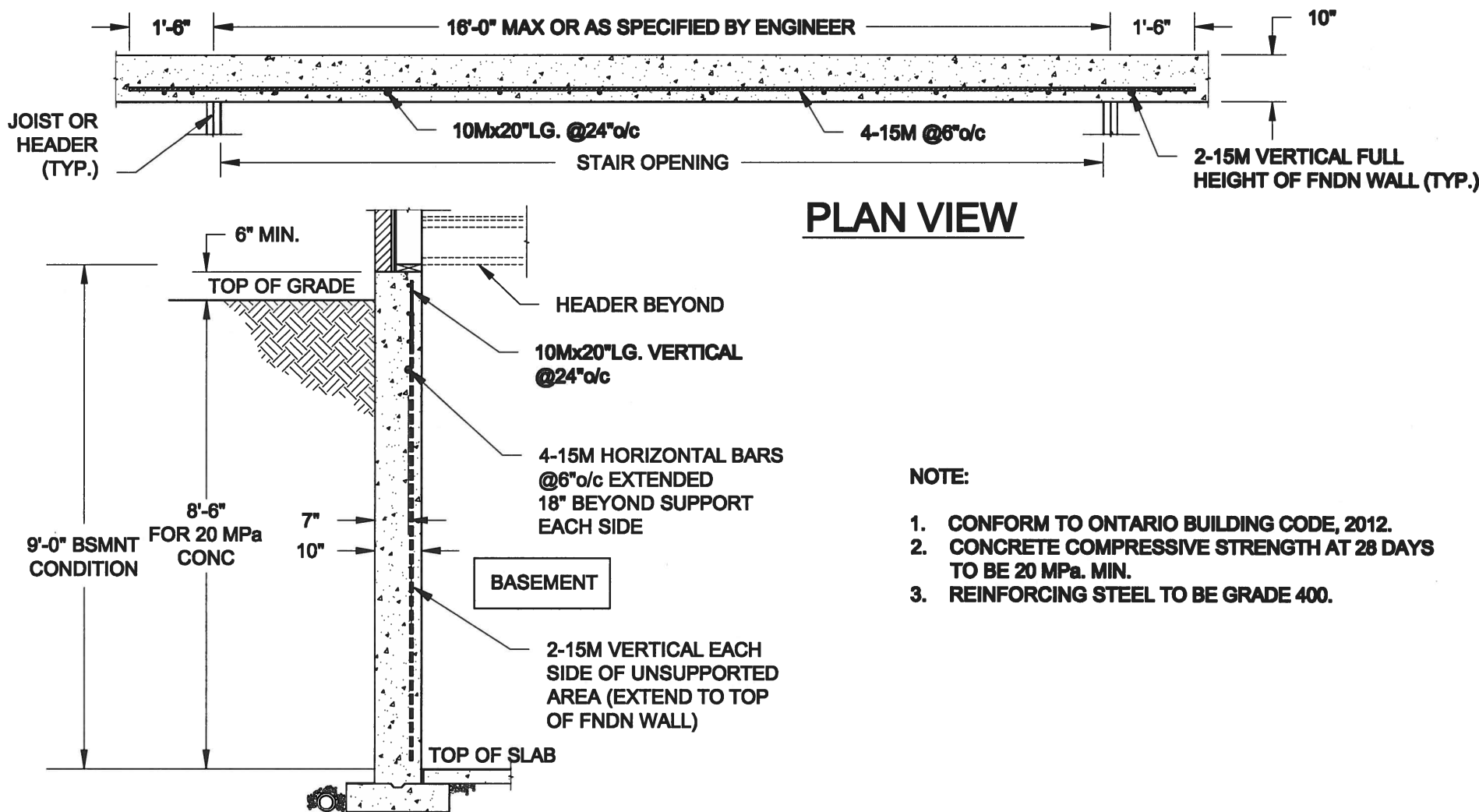
TYPICAL STRUCTURAL DETAILS FOR SINGLES

Project No.:

16-102

Drawing No.:

S4



1  
S5

**LATERALLY UNSUPPORTED WALL**

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

Scale:  
AS NOTED

Date:  
MAY-31-2016

Drawn: SC  
Checked: SJB

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TYPICAL STRUCTURAL DETAILS FOR SINGLES

Project No.:

16-102

Drawing No.:

S5