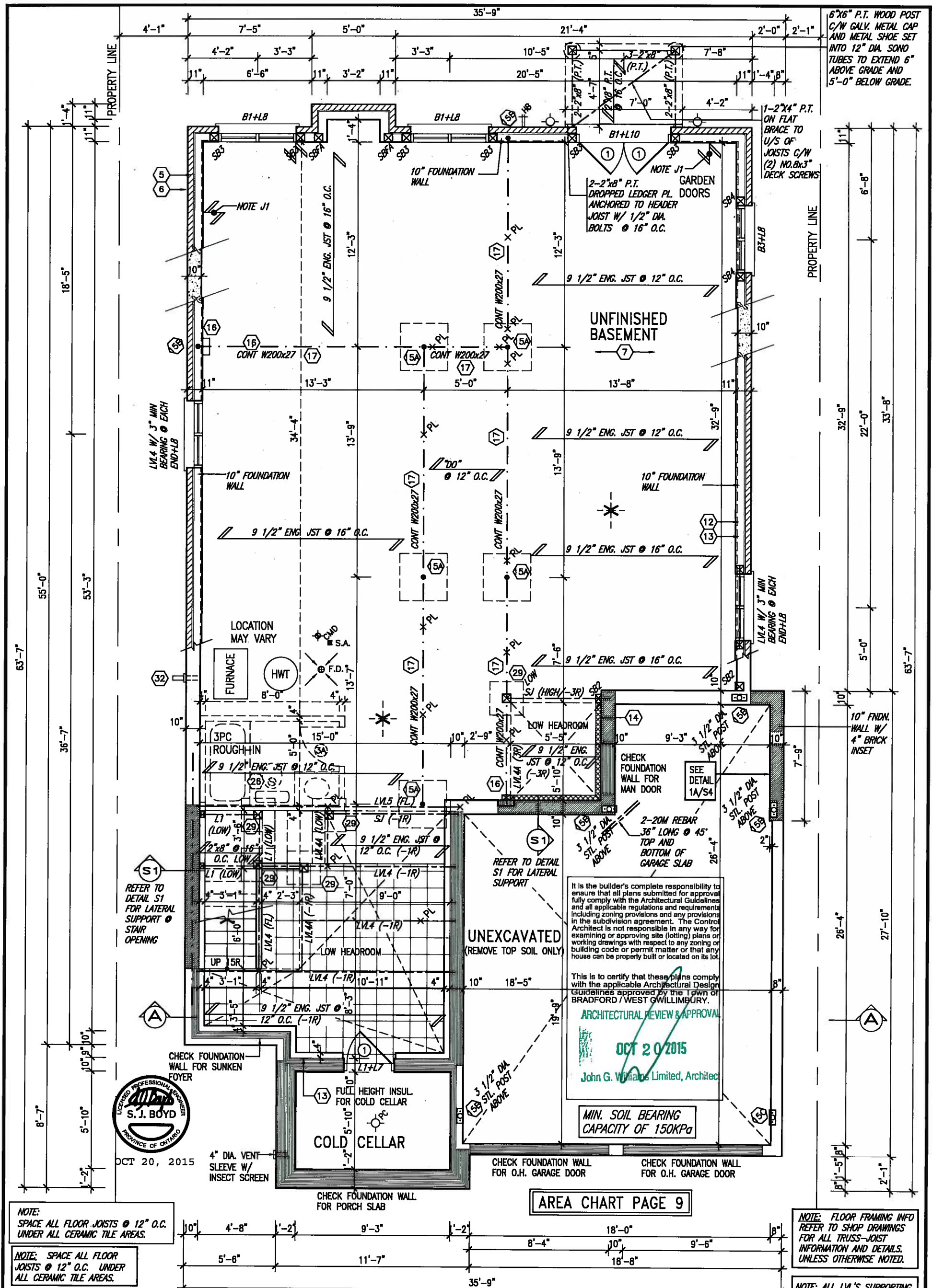
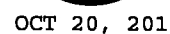


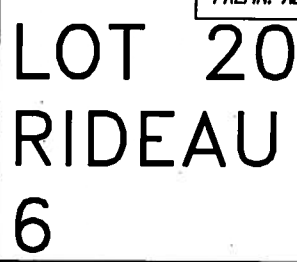


LOT 20 RIDEAU 6 BASEMENT PLAN 'C'			NOTE: J1: PROVIDE SOLID BLOCKING @ 24" O.C. WHERE FLOOR JOISTS ARE PARALLEL TO FOUNDATION WALL (TYP.)		NOTE: FLOOR FRAMING INFO REFER TO SHOP DRAWINGS FOR ALL TRUSS-JOIST INFORMATION AND DETAILS. UNLESS OTHERWISE NOTED.	
9.			The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.		S42-6 RIDEAU 6	
8.			qualification information		project no. 13045	
7.			Wellington Jno-Baptiste 25591		drawing no. 1	
6.	REVISED AS PER ENG COMMENTS	OCT 19-15 RC	name registration information		project name GREEN VALLEY ESTATES	
5.	REVISED AS PER FLOOR LAYOUT	OCT 06-15 RC	signature		municipality BRADFORD	
4.	REV. PER PURCHASER REQUEST FOR LOT 20	AUG. 07/15 WT	VA3 Design Inc. 42658		date SEPTEMBER 2014	
3.	REVISED AS PER ENG'S COMMENTS	APR 30-15 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.		checked by 3/16" = 1'-0"	
2.	ADDED UPGRADED REAR ELEVATIONS.	SEP. 30/14 CW	300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782 va3design.com		scale 13045-S42-6C-LOT 20	
1.	ISSUED FOR CLIENT REVIEW.	SEPT.15/14 DB			file name	
no. description		date by			13045-S42-6C-LOT 20	

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.



OCT 20, 201



GROUND FLOOR PLAN 'C'

S42-6
RIDEAU 6

municipality
BRADFORD

project no.
13045

GROUND FLOOR PLAN 'A'

checked by _____ scale
3/16" = 1'-0"

File name
17045 542 50 LOT 30

2

WORKING\2013\13045.BW\units\42\13045

15045-S42-BG-L01 20
-LOT 20.dwg - Mon - Oct 19 2015 - 1:33 PM

2

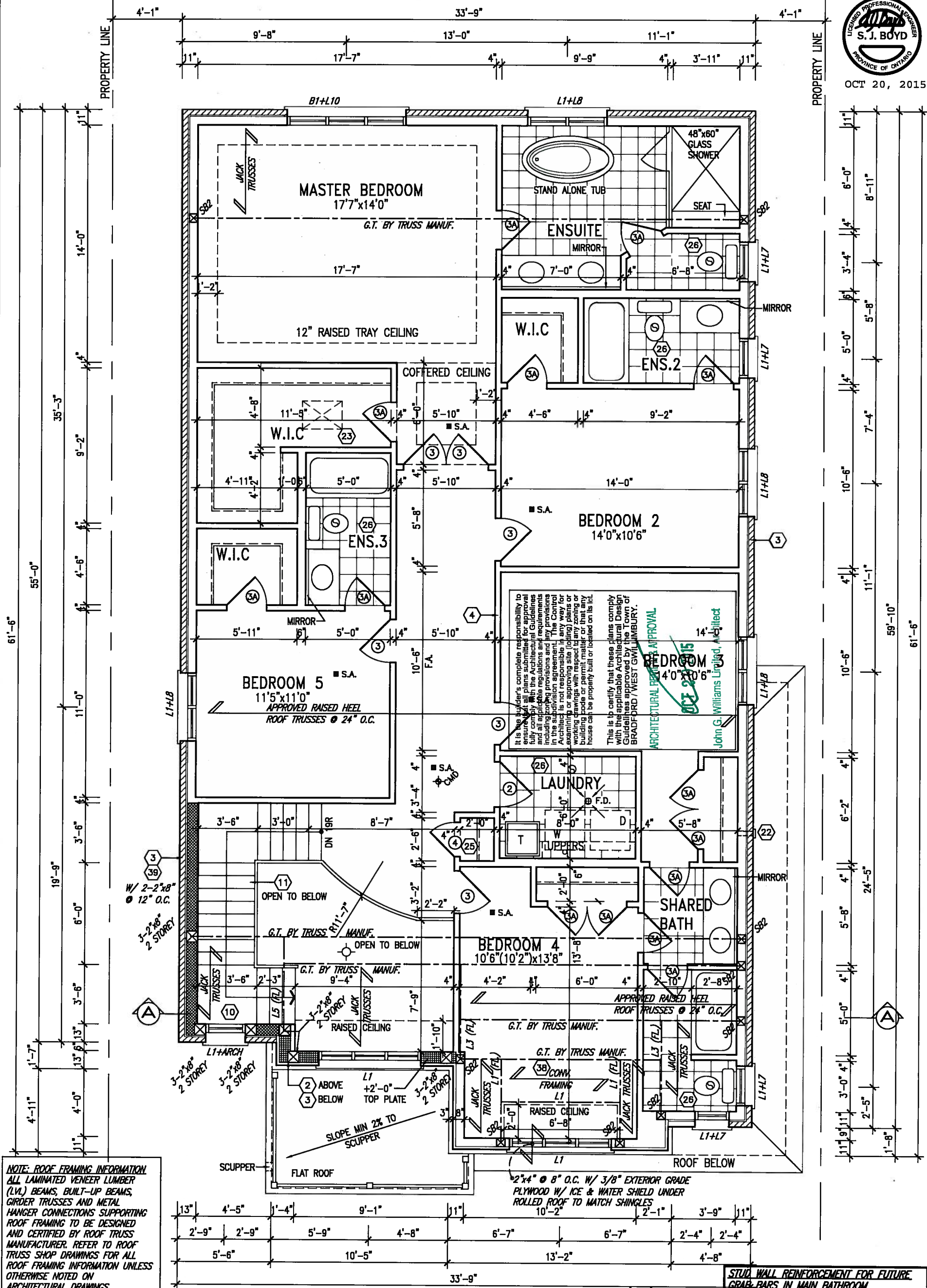
VA3
DESIGN
300A Wilson Avenue
Toronto ON M3H 1S8
416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON		S42-6 RIDEAU 6	
project name GREEN VALLEY ESTATES	municipality BRADFORD	project no. 13045	
date SEPTEMBER 2014		drawing no. 2	
drawn by DARRYL BURTON		scale 3/16" = 1'-0"	
checked by -		file name 13045-S42-6C-LOT 2D	
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BM\unila\42\13045-S42-6C-LOT 2D.dwg - Mon - Oct 19 2015 - 1:33 PM			

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.



OCT 20, 2015



NOTE: ROOF FRAMING INFORMATION
ALL LAMINATED VENEER LUMBER
(LVL) BEAMS, BUILT-UP BEAMS,
GRIDER 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

LOT 20 RIDEAU 6 SECOND FLOOR PLAN 'C' 5 BEDROOM w/ FOUR BATH

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	REVISED AS PER ENG COMMENTS	OCT 19-15	RC	name registration information
5	REVISED AS PER FLOOR LAYOUT	OCT 06-15	RC	VAS Design Inc. 42658
4	REV. PER PURCHASER REQUEST FOR LOT 20	AUG. 07/15	WT	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.
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	

VAS3 DESIGN
300A Wilson Avenue
Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782
vas3design.com

BAYVIEW WELLINGTON

**S42-6
RIDEAU 6**

project name
GREEN VALLEY ESTATES

municipality
BRADFORD

project no.
13045

date
SEPTEMBER 2014

SECOND FLOOR PLAN 'A'

drawn by
DARRYL BURTON

checked by
RICHARD

scale
3/16" = 1'-0"

file name
13045-S42-6C-LOT 20

drawing no.
3

OCT 20 2015

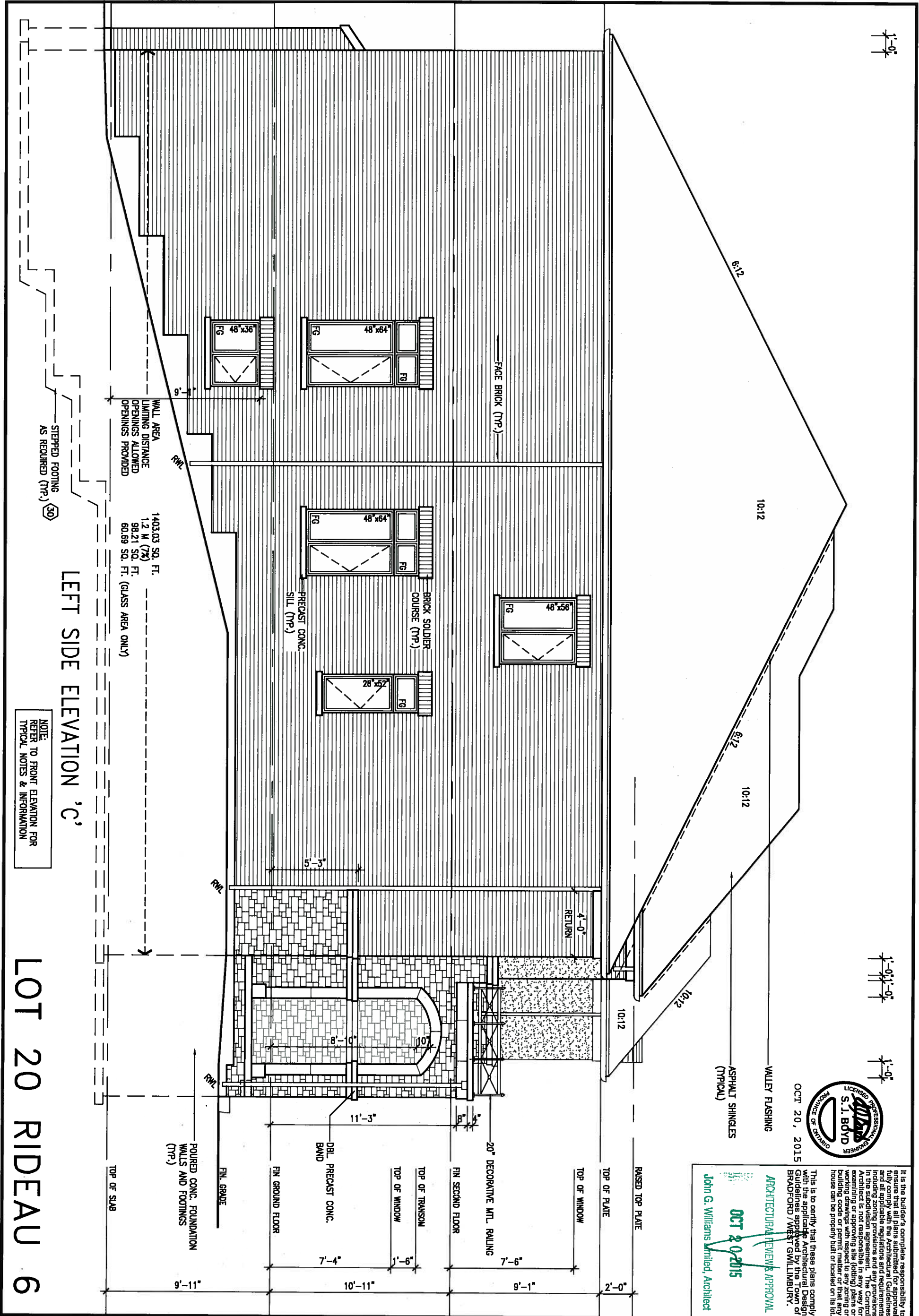
John G. Williams Limited, Architect

John G. Williams Limited, Architect

$$\frac{1}{0}$$

BAYVIEW WELLINGTON		S42-6 RIDEAU 6	
project name GREEN VALLEY ESTATES	municipality BRADFORD	project no. 13045	
date SEPTEMBER 2014		FRONT ELEVATION 'C'	
drawn by DARRYL BURTON	checked by -	scale 3/16" = 1'-0"	file name 13045-S42-6C-L0T 20
RICHARD - H: ARCHIVE\WORKING\2013\13045.6W\units\42\13045-S42-6C-L0T 20.dwg - Mon - Oct 19 2015 - 1:33 PM		4	

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



This is to certify that these plans comply with the applicable Architectural Design Code as applied by the Town of Bradford / West Gwillimbury.

ARCHITECTURAL REVIEW & APPROVAL

OCT 20 2015

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 Ontario Building Code to be a Designer.		project name		municipality		project no.	
8.		qualification information		GREEN VALLEY ESTATES		BRADFORD		13045	
7.		Wellington Jno-Baptiste 25591		date		LEFT SIDE ELEVATION 'C'		drawing no.	
6.		name		SEPTEMBER 2014				5	
5.		registration information		drawn by		checked by		file name	
4.		VAS Design Inc. 42658		DARRYL BURTON		3/16" = 1'-0"		13045-S42-6C-LOT 20	
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.		date		scale		Mon - Oct 19 2015 - 1:33 PM	
2.		OCT 19-15 RC		OCT 06-15 RC		APR 30-15 RC		SEP. 30/14 GW	
1.		REVISED AS PER ENG COMMENTS		REVISED AS PER FLOOR LAYOUT		REV. PER PURCHASER REQUEST FOR LOT 20		REVISED AS PER ENG'S COMMENTS	
		no. description							

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

VALLEY FLASHING

ASPHALT SHINGLES
(TYPICAL)

10:12

6:12

OCT 20, 2015



1'-0" 1'-0"

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

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

ARCHITECTURAL REVIEW & APPROVAL

OCT 20 2015

John G. Williams United, Architect

S42-6
RIDEAU 6

project no.
13045

drawing no.
6

RIGHT SIDE ELEVATION 'C'

13045-S42-6C-LOT 20

project name
GREEN VALLEY ESTATES

checked by
DARRYL BURTON

scale
3/16" = 1'-0"

date
SEPTEMBER 2014

file name
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\42\13045-S42-6C-LOT 20.dwg - Mon - Oct 19 2015 - 1:33 PM

BAYVIEW WELLINGTON

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 25591
name
registration information
VAS Design Inc. 42658

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

no.	description	date	by
9			
8			
7			
6	REVISED AS PER ENG COMMENTS	OCT 19-15	RC
5	REVISED AS PER FLOOR LAYOUT	OCT 06-15	RC
4	REV. PER PURCHASER REQUEST FOR LOT 20	AUG. 07/15	WT
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

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 122 kg/sqm. 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)

BRICK SOLDIER COURSE (TYP.)

FACE BRICK (TYP.)

PRECAST CONC. SILL (TYP.)

GARAGE SLAB

HIGH POINT

WALL AREA
LIMITING DISTANCE
1555.84 SQ. FT.
1.2 M (7')
108.91 SQ. FT.
97.06 SQ. FT. (GLASS AREA ONLY)

NOTE:
REFER TO FRONT ELEVATION FOR
TYPICAL NOTES & INFORMATION

STEPPED FOOTING
AS REQUIRED (TYP.)

LOT 20 RIDEAU 6

RIGHT SIDE ELEVATION 'C'

5'-0" MIN.

TOP OF SLAB

6'-10"

9'-11"

TOP OF WINDOW

FIN GROUND FLOOR

7'-4"

10'-11"

TOP OF WINDOW

1'-6"

FIN SECOND FLOOR

7'-6"

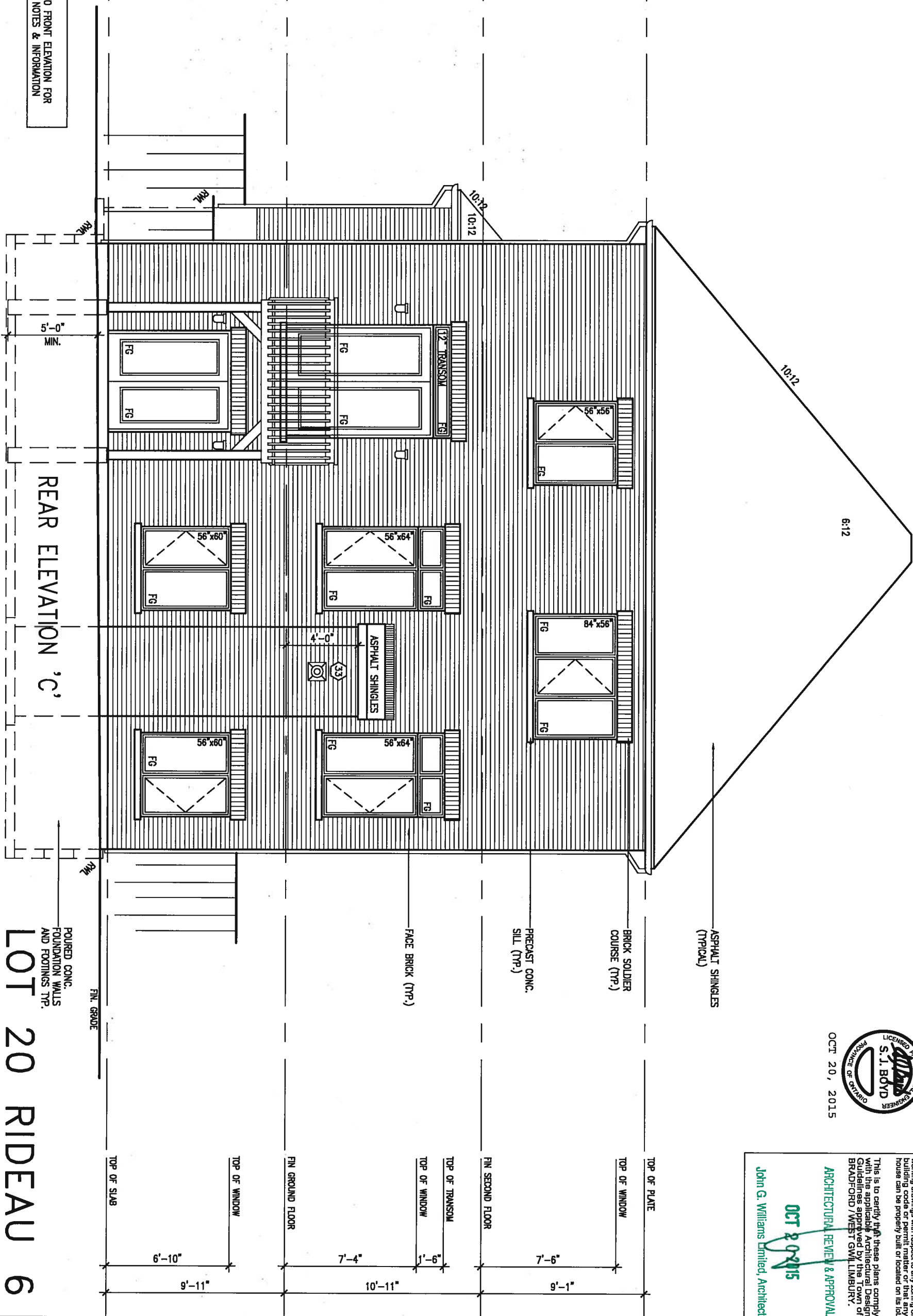
9'-1"

TOP OF WINDOW

TOP OF PLATE

REAR ELEVATION 'C'

LOT 20 RIDEAU 6



OCT 20, 2015



John G. Williams Limited, Architect

OCT 2 0 2015

ARCHITECTURAL REVIEW & APPROVAL

This is to certify that these plans comply with the applicable Architectural Designing Guidelines approved by the Town of BRADFORE, WEST GUM LIMBURY.

9	.	.	.
8	.	.	.
7	.	.	.
6	REVISED AS PER ENG COMMENTS	OCT 19-15	RC
5	REVISED AS PER FLOOR LAYOUT	OCT 08-15	RC
4	REV. PER PURCHASER REQUEST FOR LOT 20	AUG. 07/15	WT
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

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
registration information	
V&3 Design Inc.	42658
Contractor must verify all dimensions on the job and report any discrepancies 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
416.630.2255 f 416.630.
va3design.com

BAYVIEW WELLINGTON	
project name GREEN VALLEY ESTATES	municipality BRADFORD
date SEPTEMBER 2014	REA REAL
drawn by DARRYL BURTON	checked by -
scale 3/16" = 1'-0"	
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\42\13045-542-6C-LDT 2D.dwg - Mon	

S42-6
RIDEAU 6

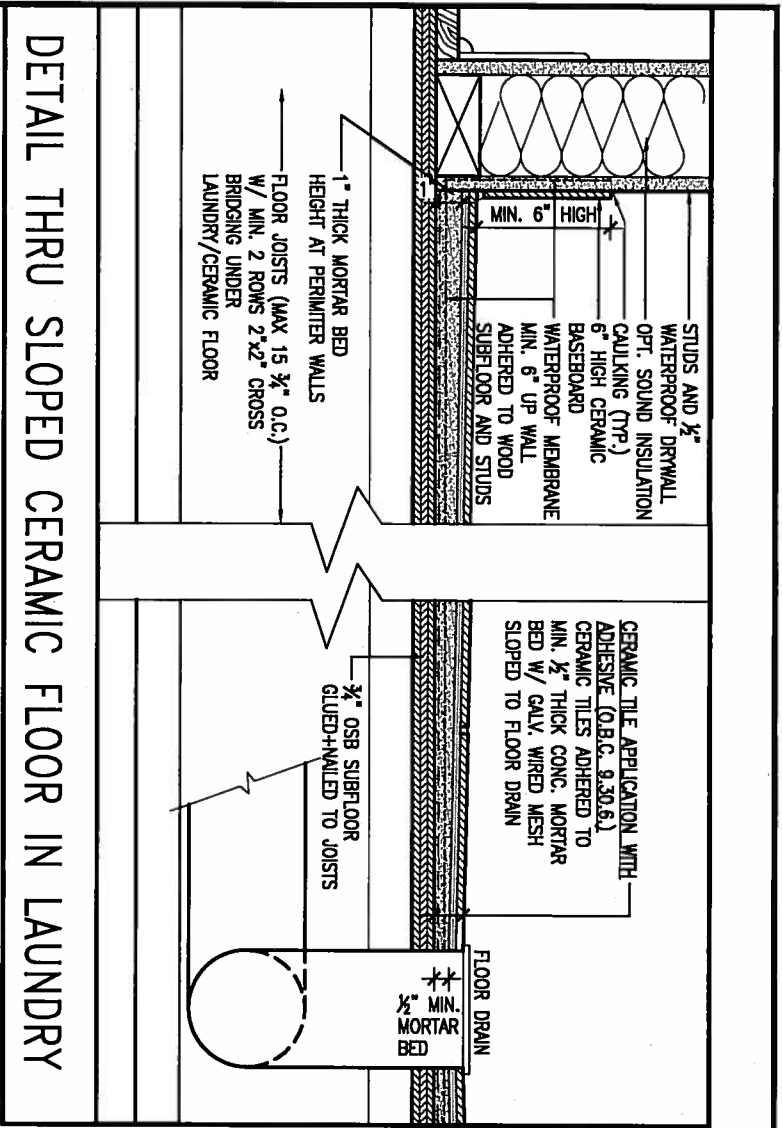
project no.
13045

drawing no.
7

FILE NAME
6C-LOT 20

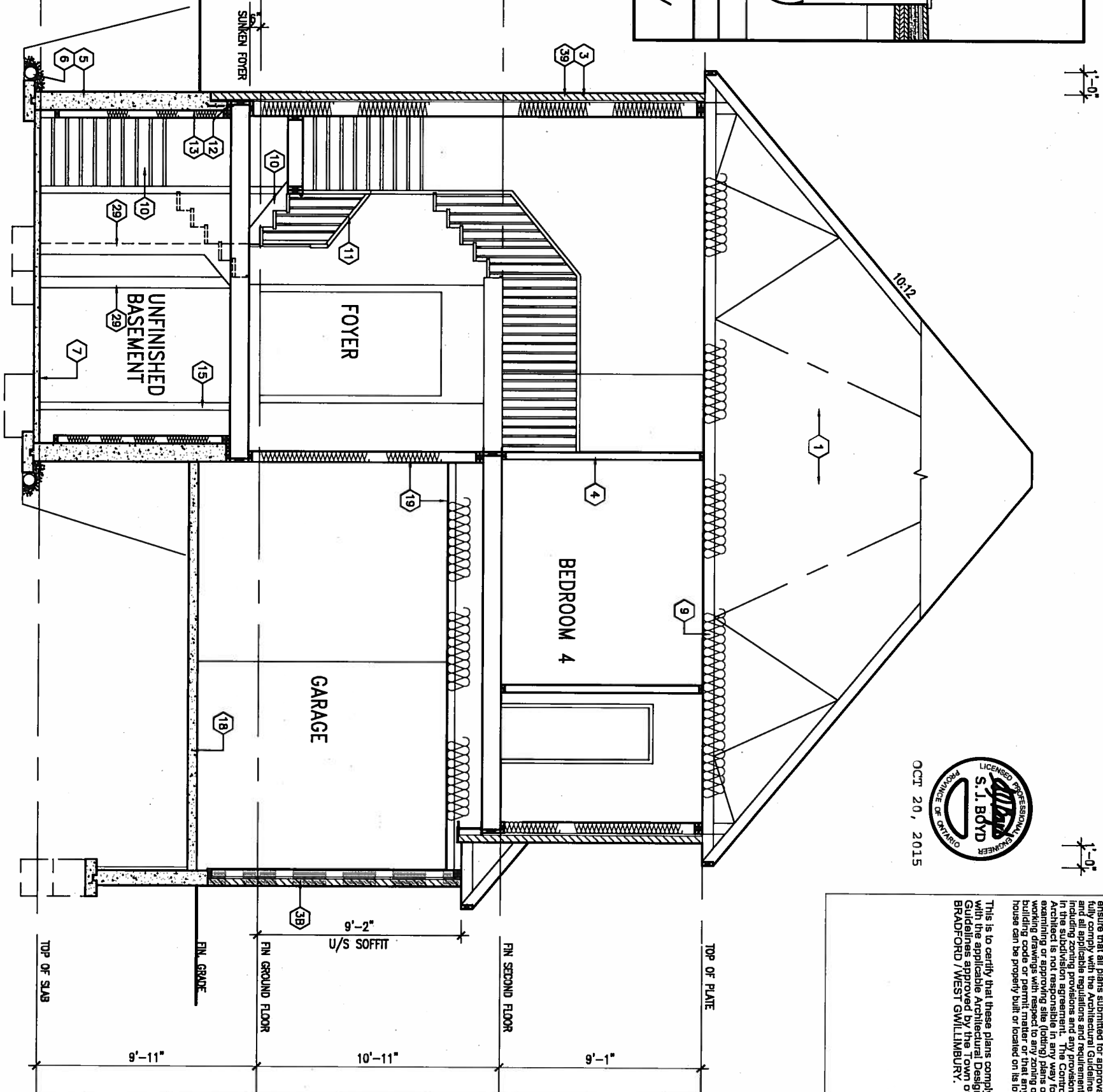
15 - 1:33 PM

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.



UNINSULATED OPENINGS (PER OBC, SB-12.2.1.1.(7))			
42-6 ELEVATION C LOT 20	ENERGY EFFICIENCY - OBC S812		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	800.00 S.F.	117.676 S.F.	14.71 %
LEFT SIDE	1486.00 S.F.	98.944 S.F.	6.66 %
RIGHT SIDE	1510.00 S.F.	152.778 S.F.	10.12 %
REAR	1029.00 S.F.	261.748 S.F.	25.44 %
TOTAL SQ. FT.	4825.00 S.F.	631.15 S.F.	13.08 %
TOTAL SQ. M.	448.25 S.M.	58.63 S.M.	13.08 %

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	
TOTAL NET AREA	3468 SF	
	(322.18 m2)	
COVERAGE	2051 SF	
W/OUT PORCH	(190.54 m2)	
COVERAGE	2126 SF	
W/ PORCH	(197.51 m2)	



It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the applicable Building Code. The Contractor is responsible for obtaining all necessary permits and approvals for the proposed work. The Architect is not responsible for any zoning or building code or permit matter or that any house can be properly built or located on its lot.

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

9. .		The undersigned has reviewed and taken 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 BCN VAS Design Inc. 42658	VA3 DESIGN 300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782 vo3design.com	BAYVIEW WELLINGTON		S42-6 RIDEAU 6		project no. 13045
8. .				project name GREEN VALLEY ESTATES		municipality BRADFORD		drawing no. 8
7. .				date SEPTEMBER 2014		SECTION A-A		
6. REVISED AS PER ENG COMMENTS				drawn by DARRYL BURTON		scale 3/16" = 1'-0"		
5. REVISED AS PER FLOOR LAYOUT				checked by 3/16" = 1'-0"		file name 13045-S42-6C-LOT 20		
4. REV. PER PURCHASER REQUEST FOR LOT 20		date SEPTEMBER 2015		Mon - Oct 19 2015 - 1:33 PM				
3. REVISED AS PER ENG'S COMMENTS		date APR 30-15		DB				
2. ADDED UPGRADED REAR ELEVATIONS.		date SEP. 30/14		CW				
1. ISSUED FOR CLIENT REVIEW.		date SEPT.15/14		DB				
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/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"x8") (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"x8") (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 "B" 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"x8") (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.

3A. BRICK VENEER CONSTRUCTION (2"x8") (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 "B" 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"x8")
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.

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"x4") TOP PLATE, 13mm (1/2") INT. DRYWALL BOTH SIDES OF STUDS, PROVIDE 38x140 (2"x6") STUDS/PLATES WHERE NOTED.

5. FOUNDATION WALL/FOOTINGS (9.15.3, 9.15.4, 9.13.2, 9.14.2.1.(2))
200mm (8") POURED CONC. FDN. WALL 15MPa (2200psi) WITH BITUMINOUS 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 FDN. WALL IS WATERPROOFED. MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500x155 (20"x6") CONTINUOUS KEYED CONC. FTG. BRACE FDN. 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 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'-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")

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").

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 FDN. WALL. USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED.

BASEMENT INSULATION (SB-12-2.1.1.8), 9.25.2.3, 9.13.2.8)
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 FDN. WALL WITH CAULKING.

12. 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.

14. 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/CSG58-7.2-94, AND WITH 150x150x9.5 (6"x6"x3/8") STL. PLATE TOP & BOTTOM, 870x870x410 (34"x34"x16") CONC. FOOTING ON UNDISTURBED SOIL OR ENGINEERED FILL CAPABLE OF SUSTAINING A PRESSURE OF 150 Kpa. MINIMUM AND AS PER SOILS REPORT.

15. 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.

15A. 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 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. 9.10.9.16. REFER TO SB-12, TABLE 2.1.1.2.A. FOR REQUIRED THERMAL INSULATION.

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

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 6.2.3.6.(7) & 6.2.4.1.1)
CAPPED DRYER EXHAUST VENT TO EXTERIOR (USE 100mm (4") DIA. SMOOTH WALL VENT PIPE)

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

24. FIREPLACE CHIMNEYS OBC 9.2.1.
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.

LINEN CLOSET, 4 SHELVES MIN. 350mm (14") DEEP.

MECHANICAL EXHAUST FAN, VENTED TO EXTERIOR AS REQUIRED BY O.C. 9.32.3.5. & 9.32.3.10.

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

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

28. 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 9.40.)
FOR MAX. 2500mm (8'-2") PORCH DEPTH (SHORTEST DIM.), 150mm (6") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT. REINF. WITH 10M BARS @ 200mm (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 FDN. WALLS. SLOPE SLAB MIN. 1.0% FROM HOUSE WALL. SLAB TO HAVE MIN. 75mm (3") BEARING ON FDN. WALLS. PROVIDE (L7) UNTEL OVER CELLAR DOOR WITH 100mm (4") END BEARING.

THE FDN. 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'-0").

2) WINDOW GUARDS -OBC 9.8.8.1.(8).
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 180mm (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. 6.2.2.2. SEE MECHANICAL DRAWINGS.
2) ALL DOWNSPOUTS TO DRAIN AWAY FROM THE BUILDING AS PER OBC 9.2.4.18.2. & 5.6.2.2.(3) & 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) & 3.8.3.1.(1)(ii). SEE DETAIL.
5) ALL EXTERIOR DOORS TO COMPLY WITH THERMAL RESISTANCE AS STATED IN O.B.C. SB-12-2.1.1.7.
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.

LVL BEAMS SHALL BE 2.0E-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.

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.

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

WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATIVE. IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONCRETE BY AT LEAST 2 mil. POLYETHYLENE FILM, No. 30 (48psi) 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. 9-9.23.4.3.

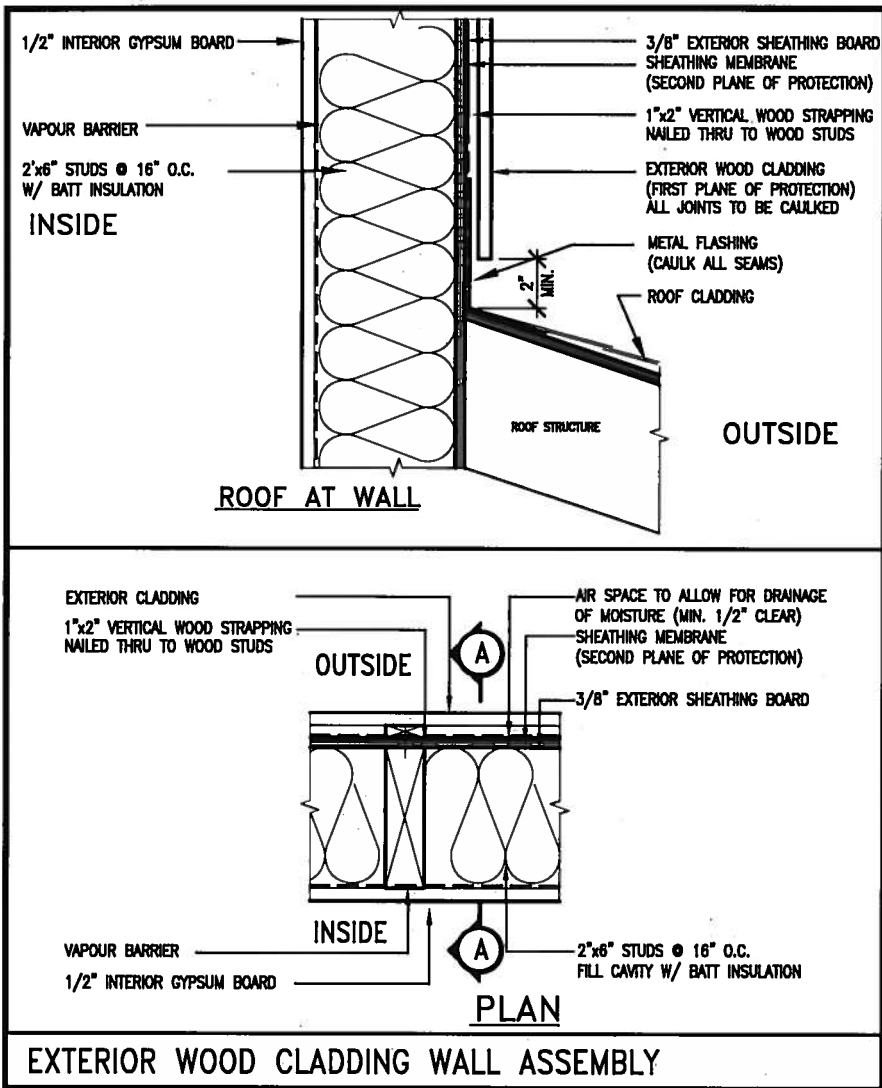
2) REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R

STUCCO: 1) ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR. THE EXTERIOR SHEATHING MUST NOT BE GYPSUM BASED. ALL STUCCO TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS.

LEGEND

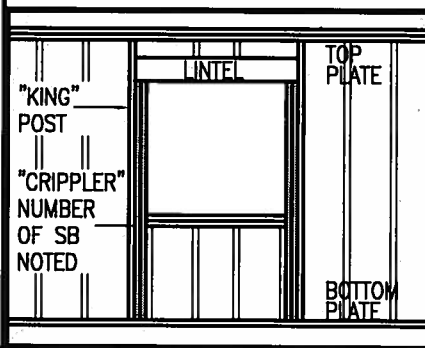
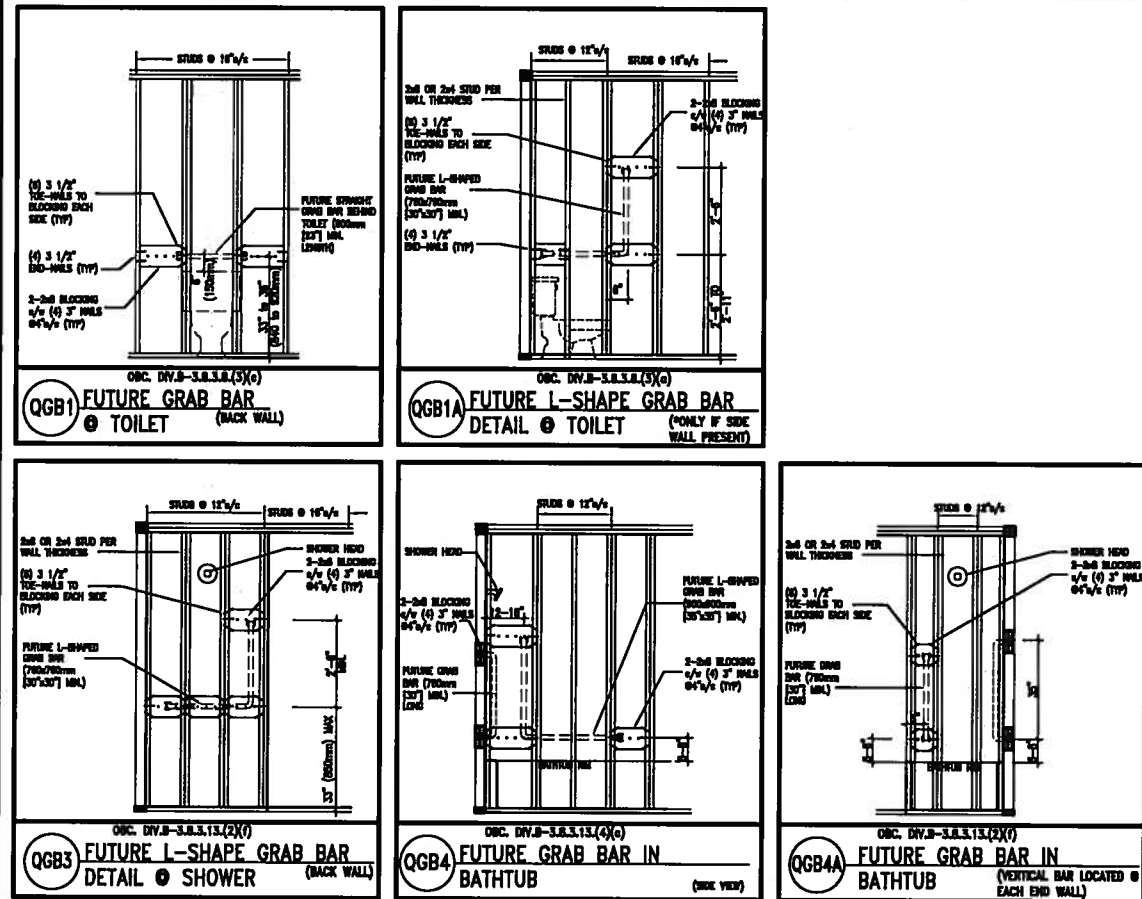
	CLASS 'B' VENT		EXHAUST FAN TO EXTERIOR
	DUPLEX OUTLET (12" ABOVE SURFACE)		DUPLEX OUTLET (HEIGHT A.F.F.)
	WEATHERPROOF DUPLEX OUTLET		GFI DUPLEX OUTLET (HEIGHT A.F.F.)
	POT LIGHT		HEAVY DUTY OUTLET (220 volt)
	LIGHT FIXTURE (PULL CHAIN)		LIGHT FIXTURE (CEILING MOUNTED)
	SWITCH		LIGHT FIXTURE (WALL MOUNTED)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

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



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- 9.3.2.3., WATER CLOSET 3.8.3.8.(3)(a) & 3.8.3.8.(3)(c), SHOWER 3.8.3.13.(2)(1), BATHTUB & 3.8.3.13.(4)(c), AND DETAILS PROVIDED.



MAX. HEIGHT FOR 2"x4" GARAGE WALL IS AS FOLLOWS:

- 2"x4" @ 16" O.C. - 9'-10"
- 2"x4" @ 12" O.C. - 10'-9"
- 3"x4" @ 16" O.C. - 11'-2"
- 3"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 FOLLOWS:

- 2"x6" @ 16" O.C. - 12'-8"
- 2"x6" @ 12" O.C. - 13'-10"
- 2"x6" @ 16" O.C. - 15'-0"
- 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"x8" @ 16" O.C. - 20'-4"
- 2"x8" @ 12" O.C. - 22'-4"

NOTES:

- FOR ROOF DESIGN SNOW LOAD OF 2.5 KPa, SUPPORTED ROOF TRUSS LENGTH OF 6.0m ONLY.
- PROVIDE HORIZONTAL SOLID BLOCKING @ 1200 O.C. (4'-0")
- PROVIDE A MINIMUM OF 9.5mm (3/8") PLYWOOD OR OSB EXTERIOR SHEATHING ON THE EXTERIOR FACE AND 12.5mm (1/2") GYPSUM BOARD ON THE INTERIOR FACE.
- WALL FRAMING SHALL CONFORM TO OBC 9.23.10.1.(2)
- FOR A 1/50 YEAR REFERENCE WIND PRESSURE OF 0.6 KPa.
- STUDS GREATER THAN 9'-10" HIGH TO BE No. 2 SPF.
- STUD SPECIFICATION IS SUITABLE FOR BRICK VENEER OR SIDING.

** STUD INFORMATION TAKEN FROM OBC TABLE A-30

"CRIPPLE" DETAIL



OCT 20, 2015

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-Baptista 25591
6.				name
5.				registration information
4.				VA3 Design Inc. 42658
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	



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

BAYVIEW WELLINGTON

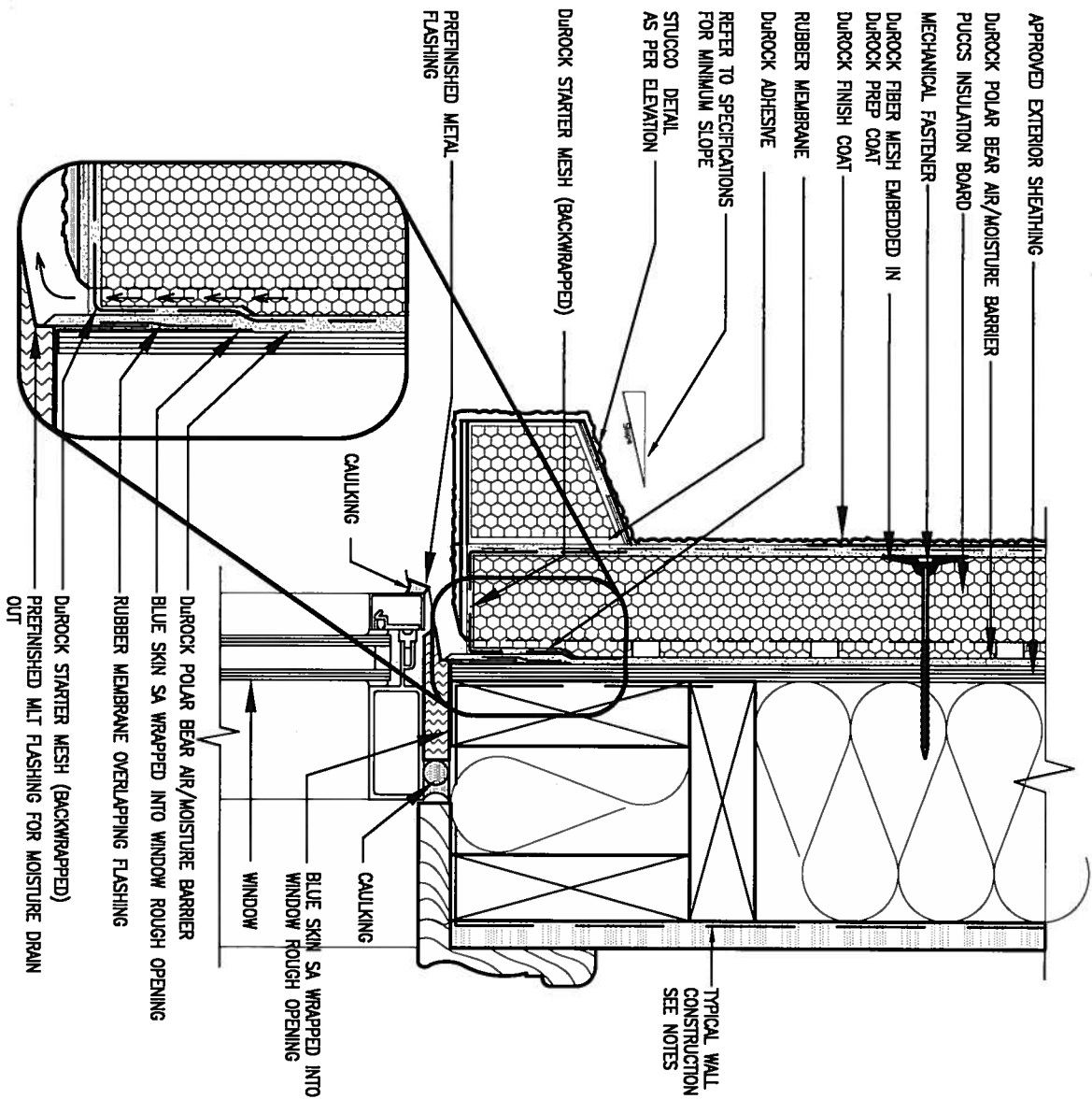
CONST NOTE

project name	GREEN VALLEY ESTATES	municipality	BRADFORD	project no.	13045
date	APR 2014	checked by	scale	3/16" = 1'-0"	file name
drawn by	RC	checked by	scale	3/16" = 1'-0"	13045-CONST-OBC 2015
drawn by	RC	checked by	scale	3/16" = 1'-0"	13045-CONST-OBC 2015
drawn by	RC	checked by	scale	3/16" = 1'-0"	13045-CONST-OBC 2015
drawn by	RC	checked by	scale	3/16" = 1'-0"	13045-CONST-OBC 2015
drawn by	RC	checked by	scale	3/16" = 1'-0"	13045-CONST-OBC 2015
drawn by	RC	checked by	scale	3/16" = 1'-0"	13045-CONST-OBC 2015
drawn by	RC	checked by	scale	3/16" = 1'-0"	13045-CONST-OBC 2015
drawn by	RC	checked by	scale	3/16" = 1'-0"	13045-CONST-OBC 2015

CONSTRUCTION NOTES

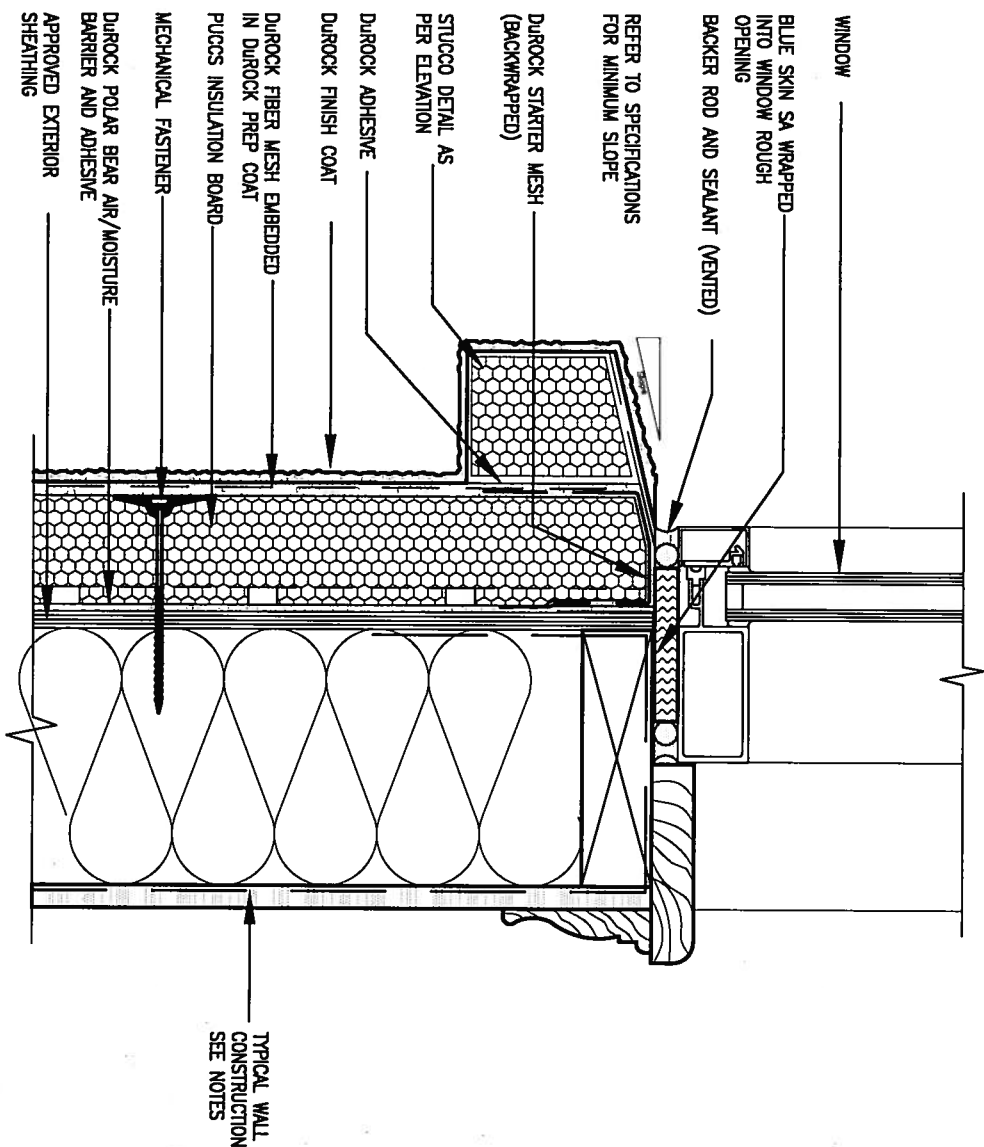
drawing no.

CN2



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

VAS3 DESIGN
300A Wilson Avenue
Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782
vas3design.com

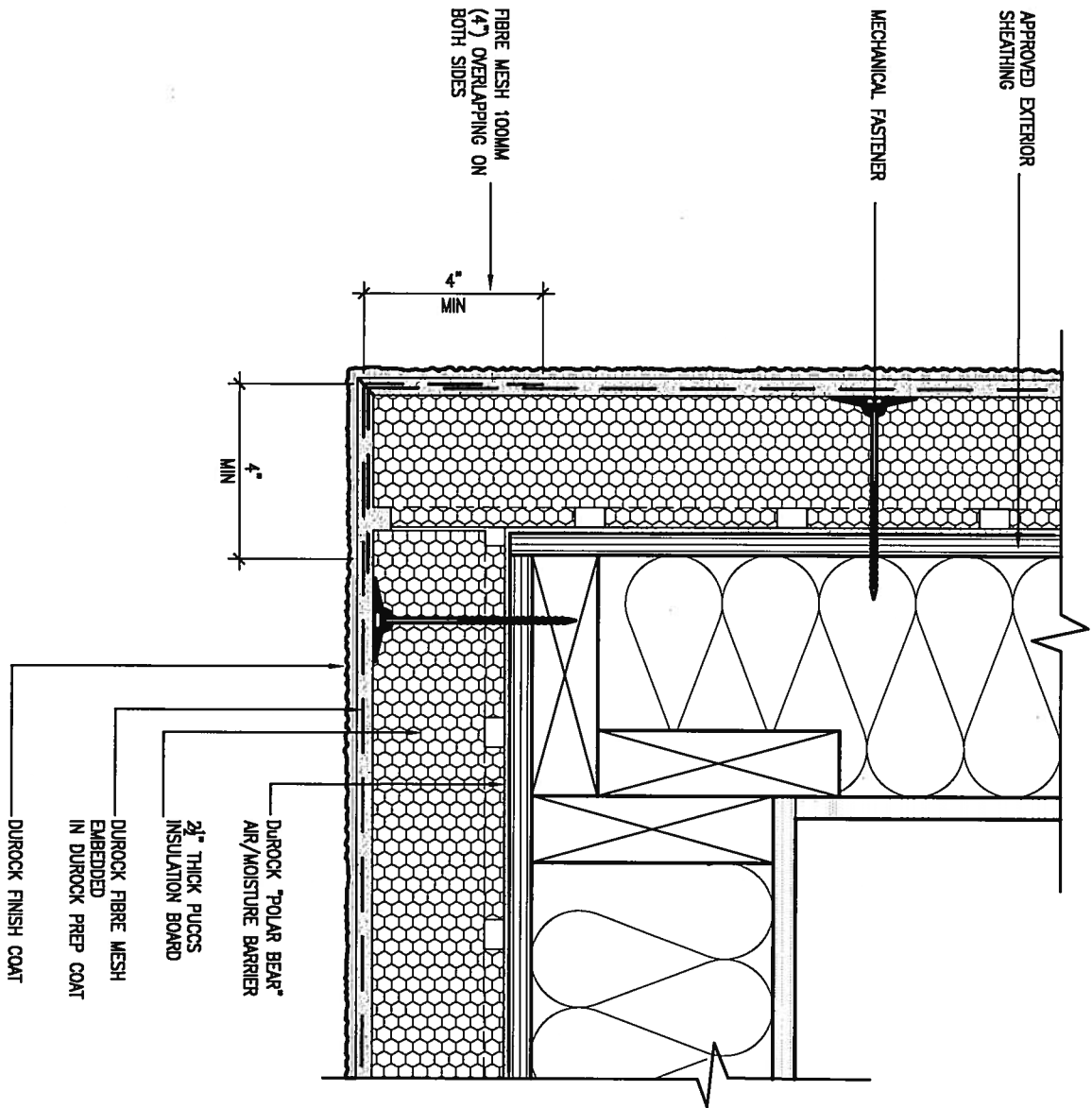
BAYVIEW WELLINGTON
project name
GREEN VALLEY ESTATES
municipality
BRADFORD
date
APR 2014
drawn by
RC
checked by
scale
3/16" = 1'-0"
CONSTRUCTION NOTES
file name
13045-CONST-OBC 2015
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\13045-CONST-OBC 2015.dwg - Thu - Apr 16 2015 - 6:57 AM

CONST NOTE

project no.
13045

drawing no.

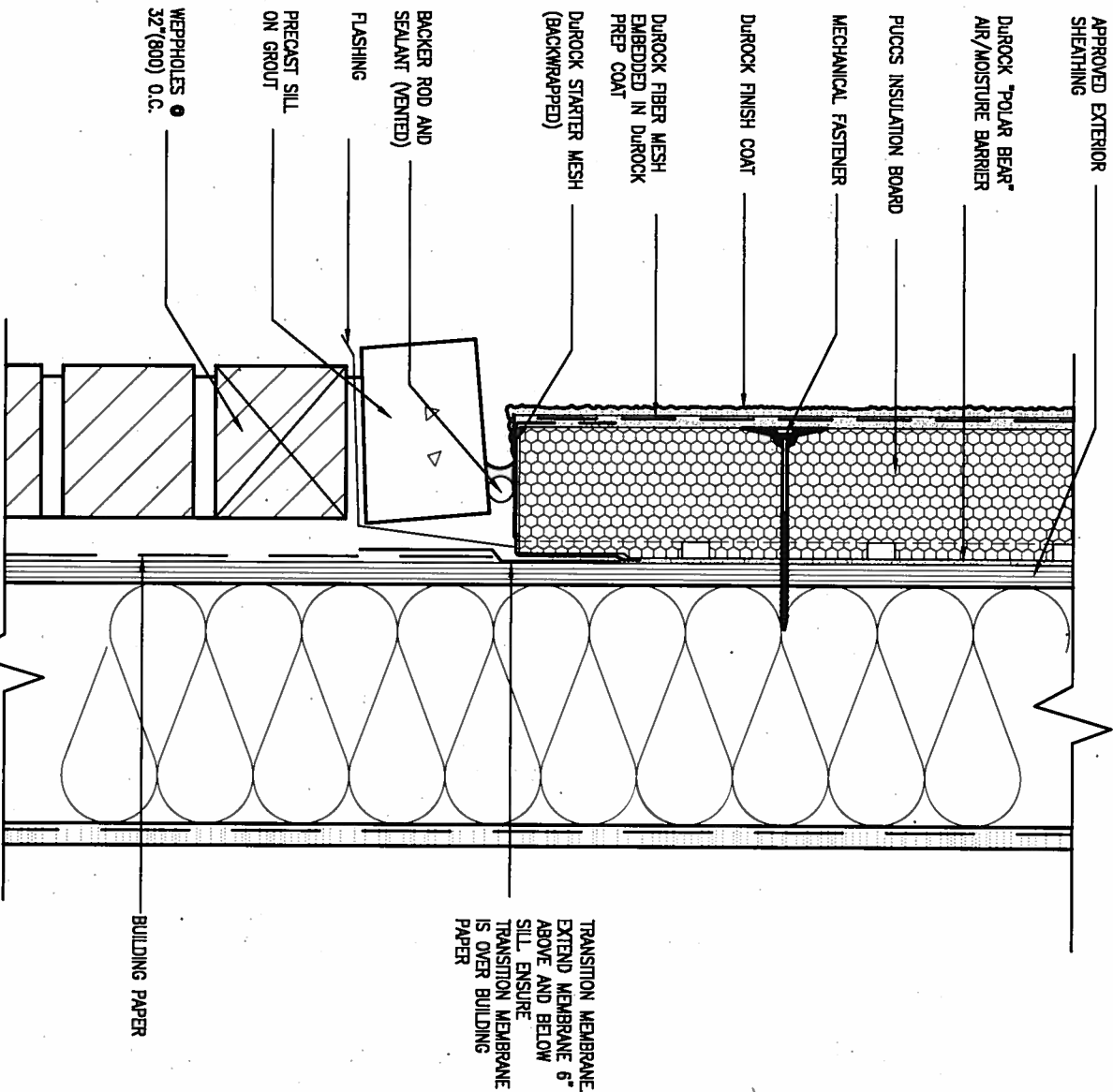
CN3



5 CORNER DETAIL

CNS SCALE: 3"=1'-0"

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



6 STUCCO / MASONRY PLINTH CONNECTION

CNS SCALE: 3"=1'-0"

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

VAS DESIGN
300A Wilson Avenue
Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782
vas3design.com

BAYVIEW WELLINGTON

project name
GREEN VALLEY ESTATES

municipality
BRADFORD

CONST NOTE

project no.
13045

date
APR 2014

drawn by
RC

checked by
-

scale
3/16" = 1'-0"

CONSTRUCTION NOTES

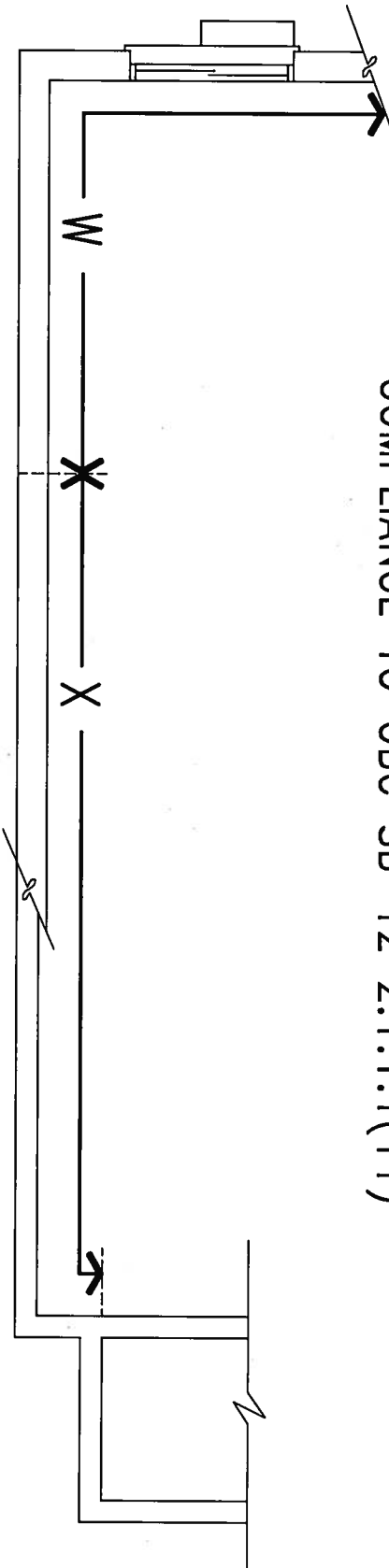
file name
13045-CONST-0BC 2015

drawing no.

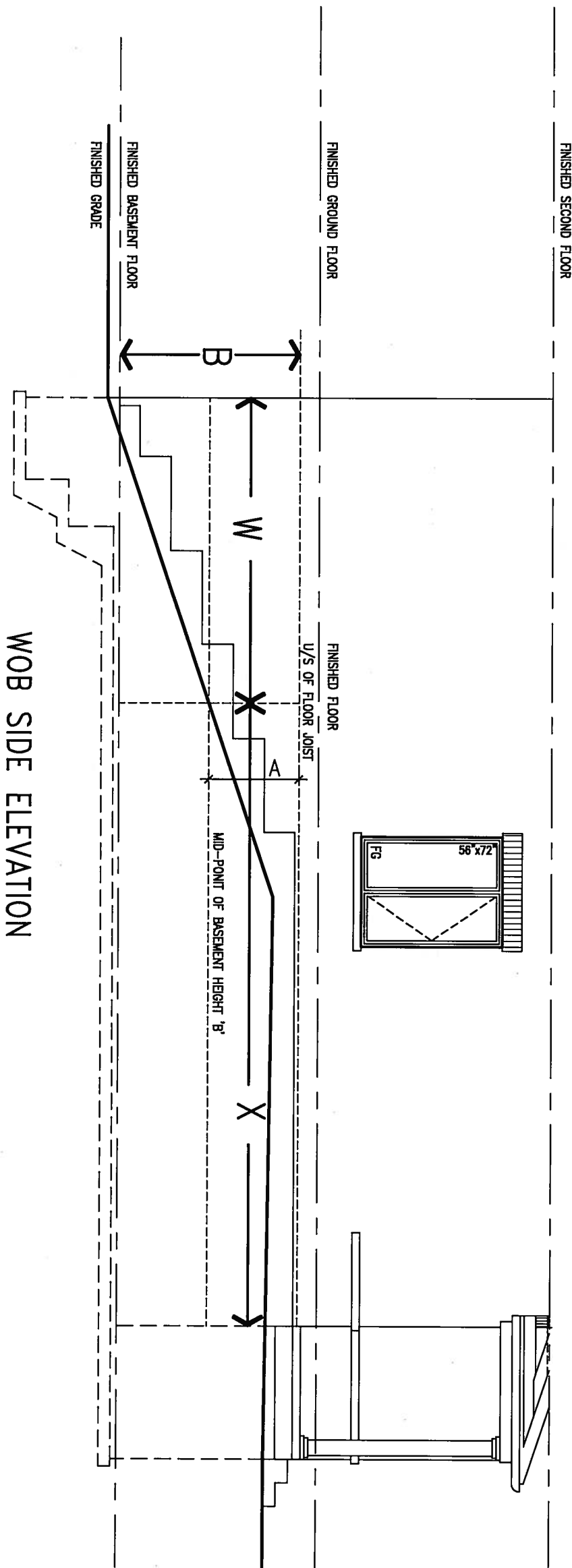
CN5

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.

COMPLIANCE TO OBC SB-12 2.1.1.1(11)



WOB PLAN

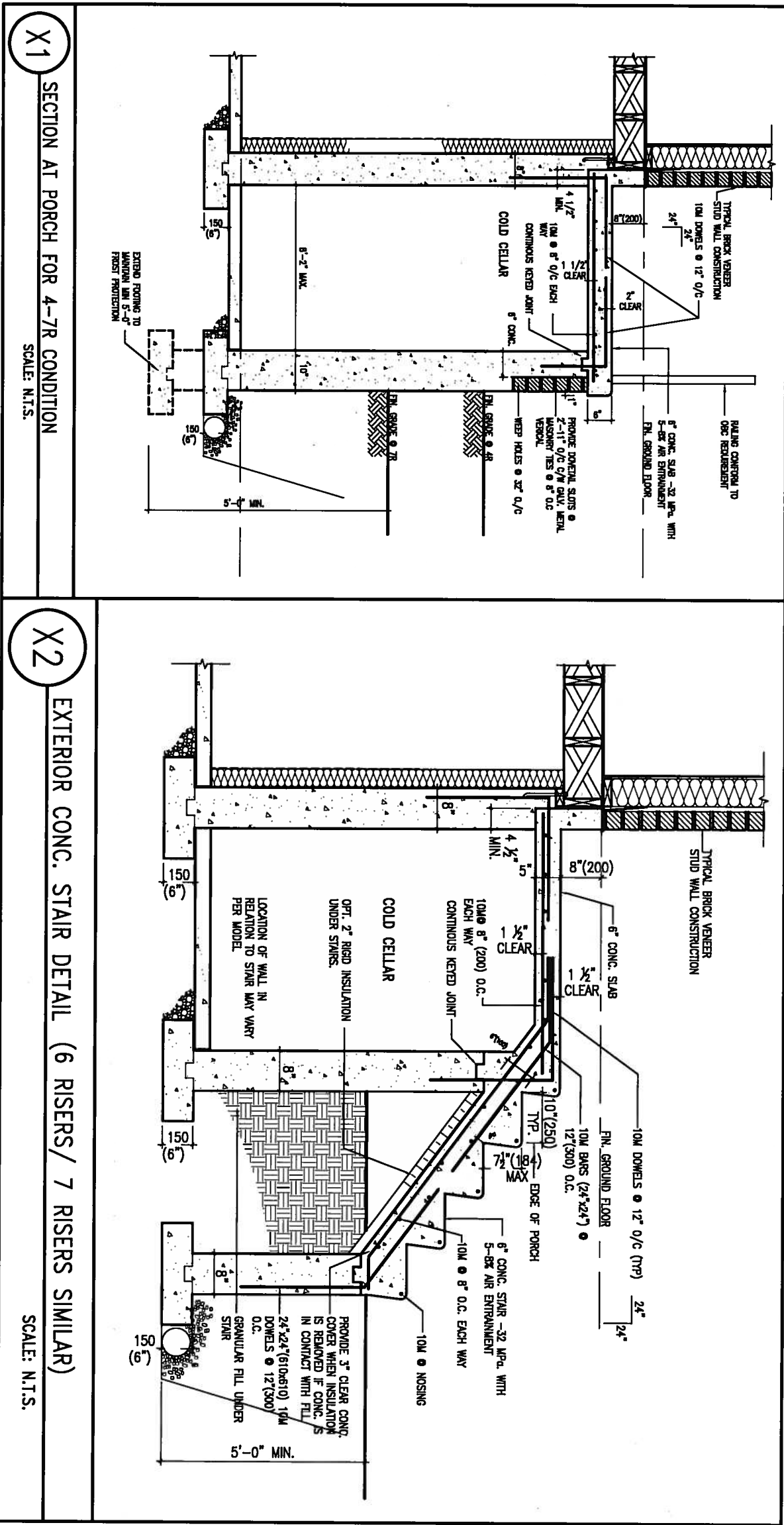


WOB SIDE ELEVATION

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.	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	CONST NOTE project no. 13045
8.	.	.	qualification information			
7.	.	.	Wellington Jno-Baptiste 25591 name signature			
6.	.	.	BCN			
5.	.	.	42658			
4.	.	.	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.			
3.	.	.				
2.	UPDATE TO CODE	APR 16-15	RC			
1.	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC			
no.	description	date	by			



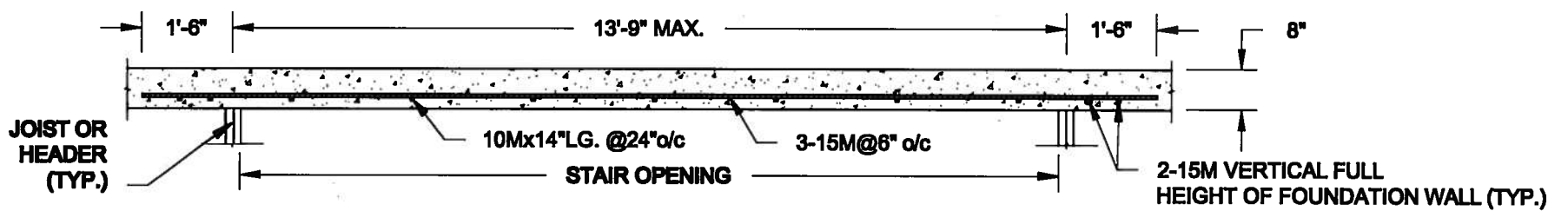
9 .			The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.		
8 .			qualification information		
7 .			Wellington Jno-Baptiste 25591		
6 .			name		
5 .			registration information		
4 .			VAS Design Inc. 42658		
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		

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

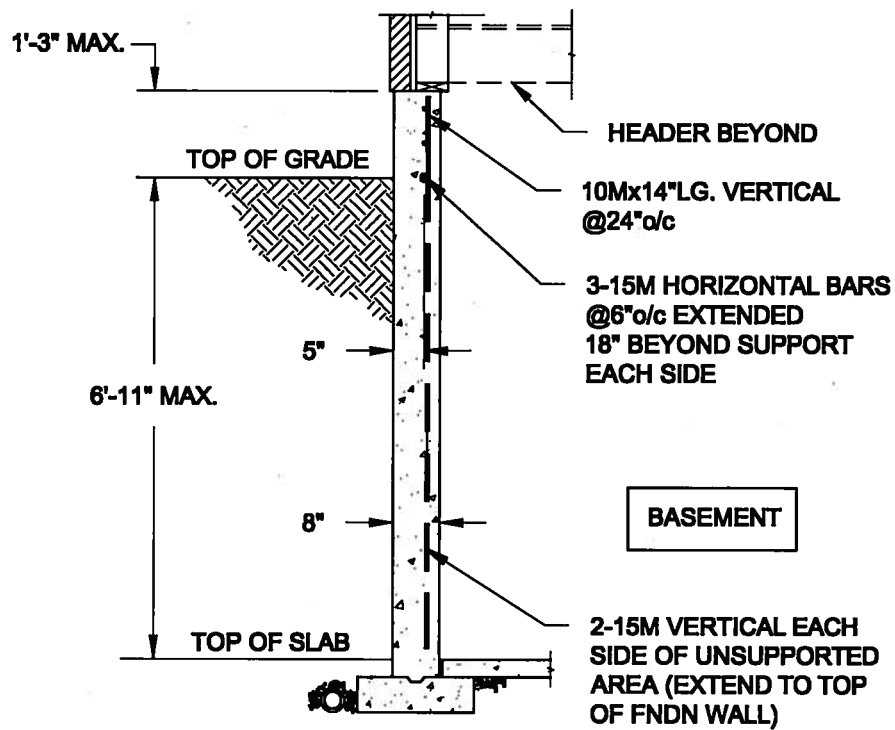
BAYVIEW WELLINGTON
project name
GREEN VALLEY ESTATES
municipality
BRADFORD
date
APR 2014
drawn by
RC
checked by
-
scale
3/16" = 1'-0"
13045-CONST-OBC 2015
RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\13045-CONST-OBC 2015.dwg - Tue - May 12 2015 - 8:51 AM

CONST NOTE
project no.
13045
drawing no.
CN8

CONSTRUCTION NOTES
file name
13045-CONST-OBC 2015



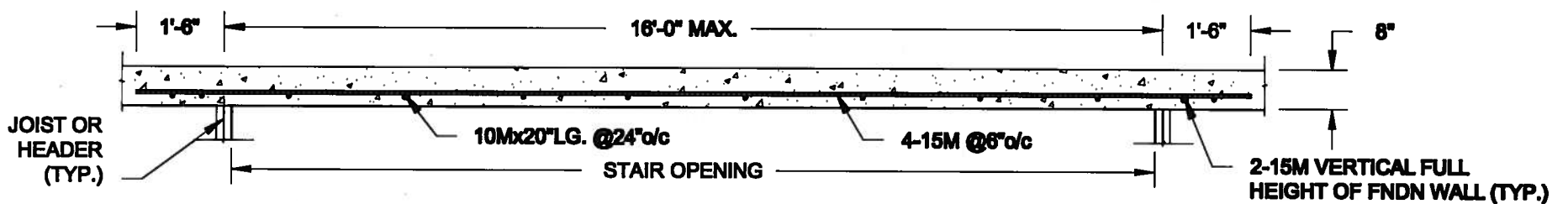
PLAN VIEW
NOT TO SCALE



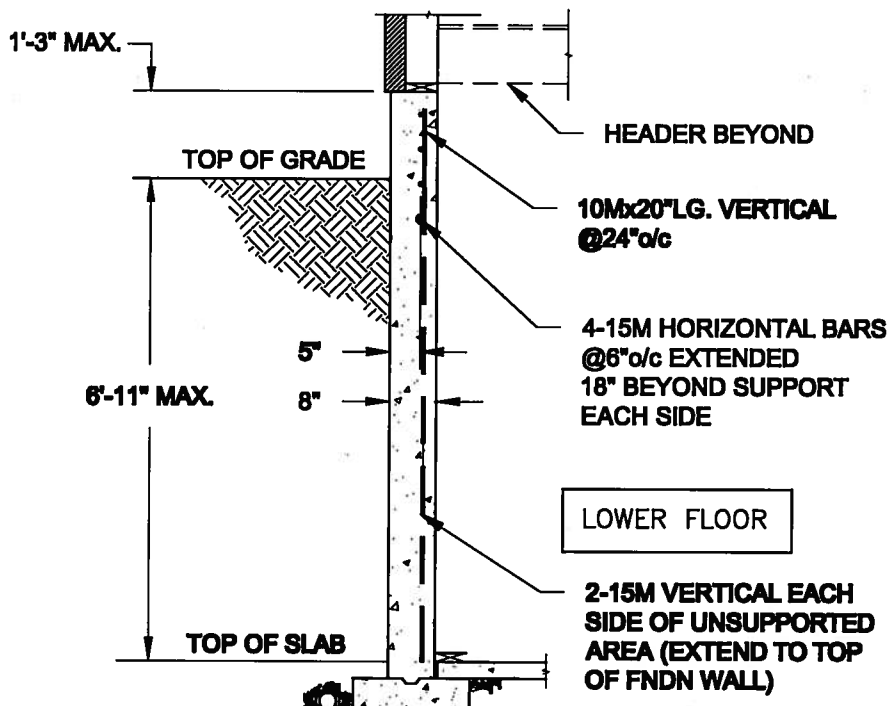
NOTE:

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

Date:
FEB-26-2015

Drawn: SC
Checked: SJB

QUAILE ENGINEERING LTD.



38 Parkside Drive, UNIT 7
Newmarket, ON
L3Y 8J9
T: 905-863-8547
E: quaile.eng@rogers.com

Engineer's Seal:



APR 24, 2015

Project:

BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT
BRADFORD, ONTARIO

TYPICAL STRUCTURAL DETAILS FOR SINGLES

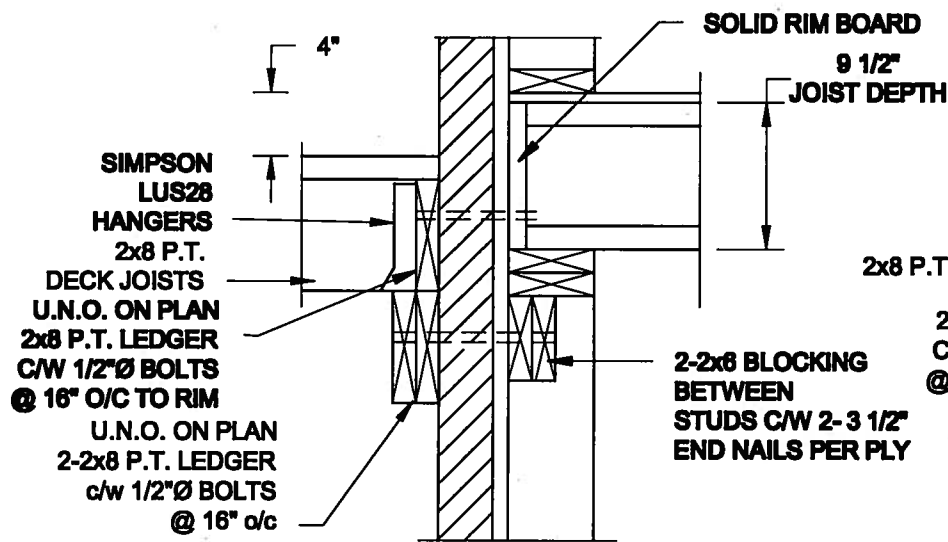
Project No.:

14-095

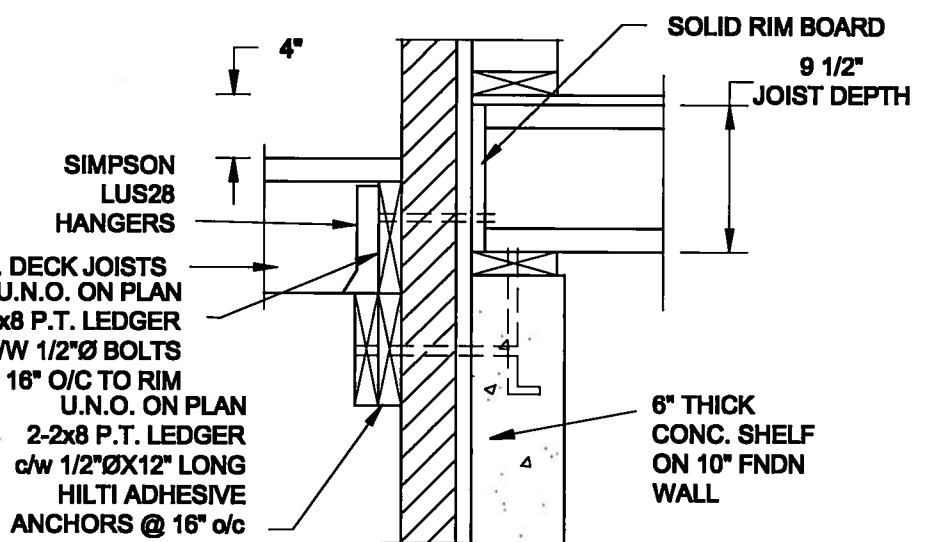
Drawing No.:

S1

FOR 9 1/2" JOIST DEPTH



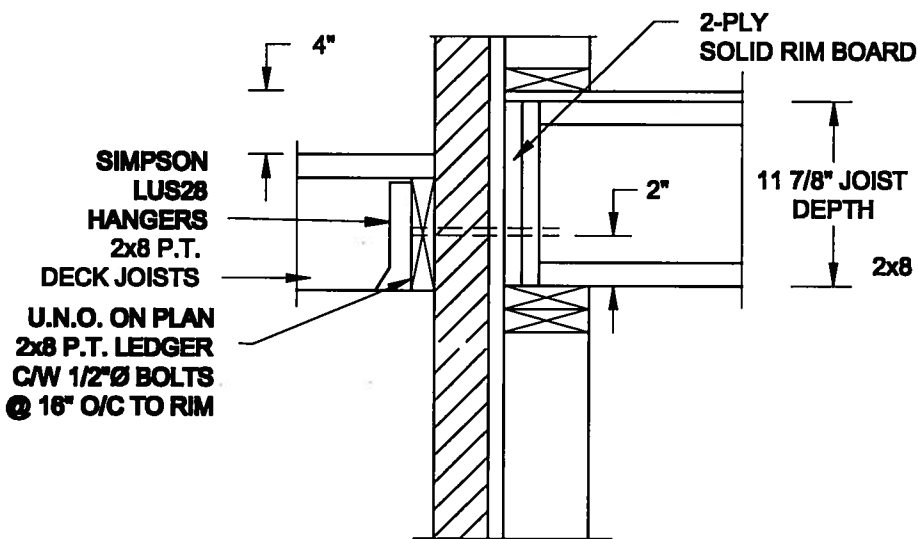
1A
S2 **DECK FASTENING DETAIL**
SCALE: 1" = 1'-0"



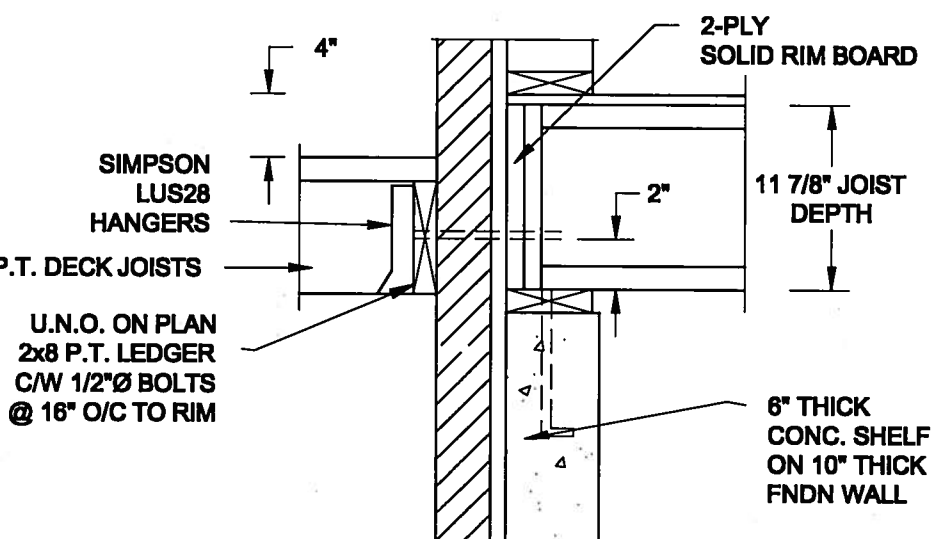
1B
S2 **DECK FASTENING DETAIL**
SCALE: 1" = 1'-0"

- NOTE: 1. WHERE BACKFILL HEIGHT < 4'-7", PROVIDE 2x8 @ 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"x8" THICK UNLESS NOTED OTHERWISE ON PLAN.

FOR 11 7/8" JOIST DEPTH

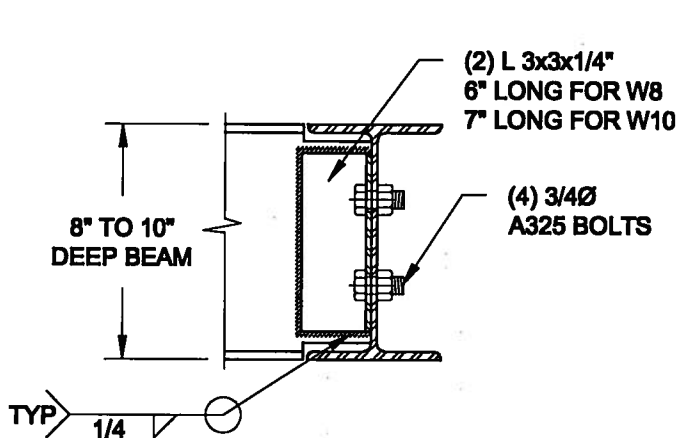


2A
S2 **DECK FASTENING DETAIL**
SCALE: 1" = 1'-0"

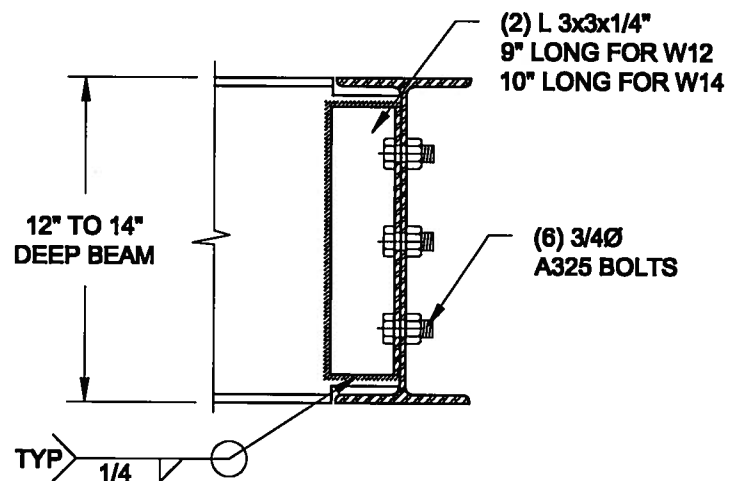


2B
S2 **DECK FASTENING DETAIL**
SCALE: 1" = 1'-0"

- NOTE: 1. WHERE BACKFILL HEIGHT < 4'-7", PROVIDE 2x8 @ 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"x8" 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 (W310x88) BEAM MAX AND W14x48 (W380x72) BEAM MAX.

3
S2 **STEEL BEAM CONNECTION DETAIL**
SCALE: 1-1/2" = 1'-0"

Scale:
AS NOTED

Date:
FEB-28-2015

Drawn:
SC

Checked:
SJB

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

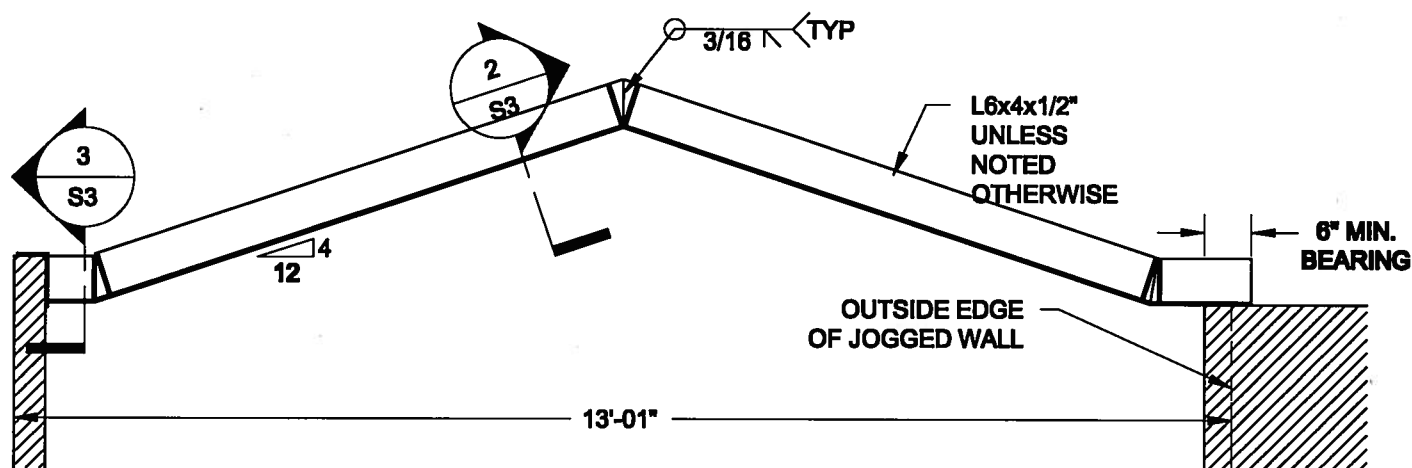
TYPICAL STRUCTURAL DETAILS FOR SINGLES

Project No.:

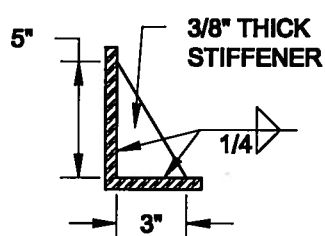
14-085

Drawing No.:

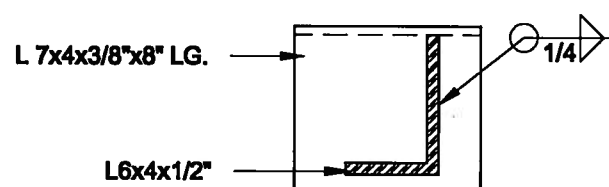
S2



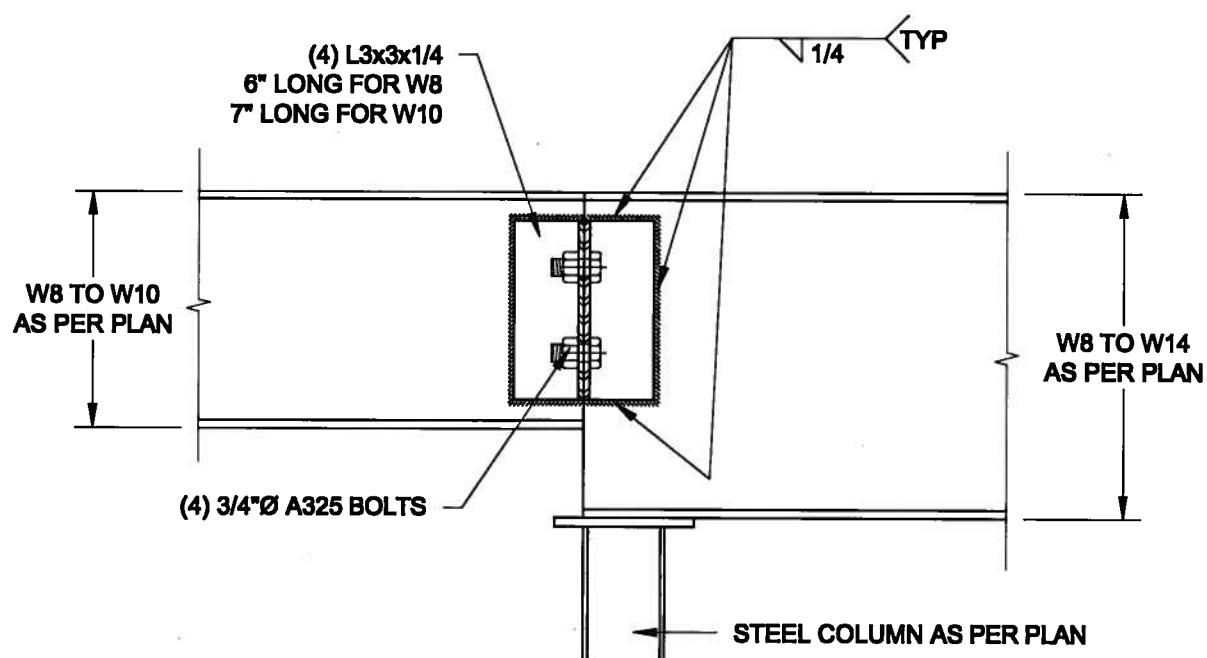
1
S3 **STEEL LINTEL AT GABLE**
SCALE: 1/2" = 1'-0"



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

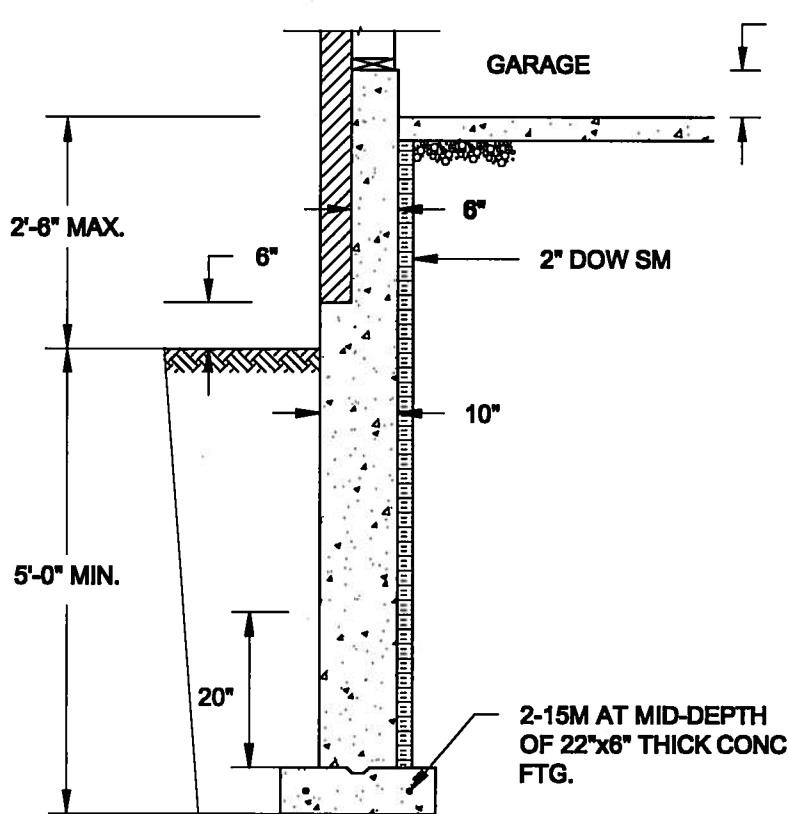


3
S3 **INVERTED ANGLE**
SCALE: 1 1/2" = 1'-0"



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

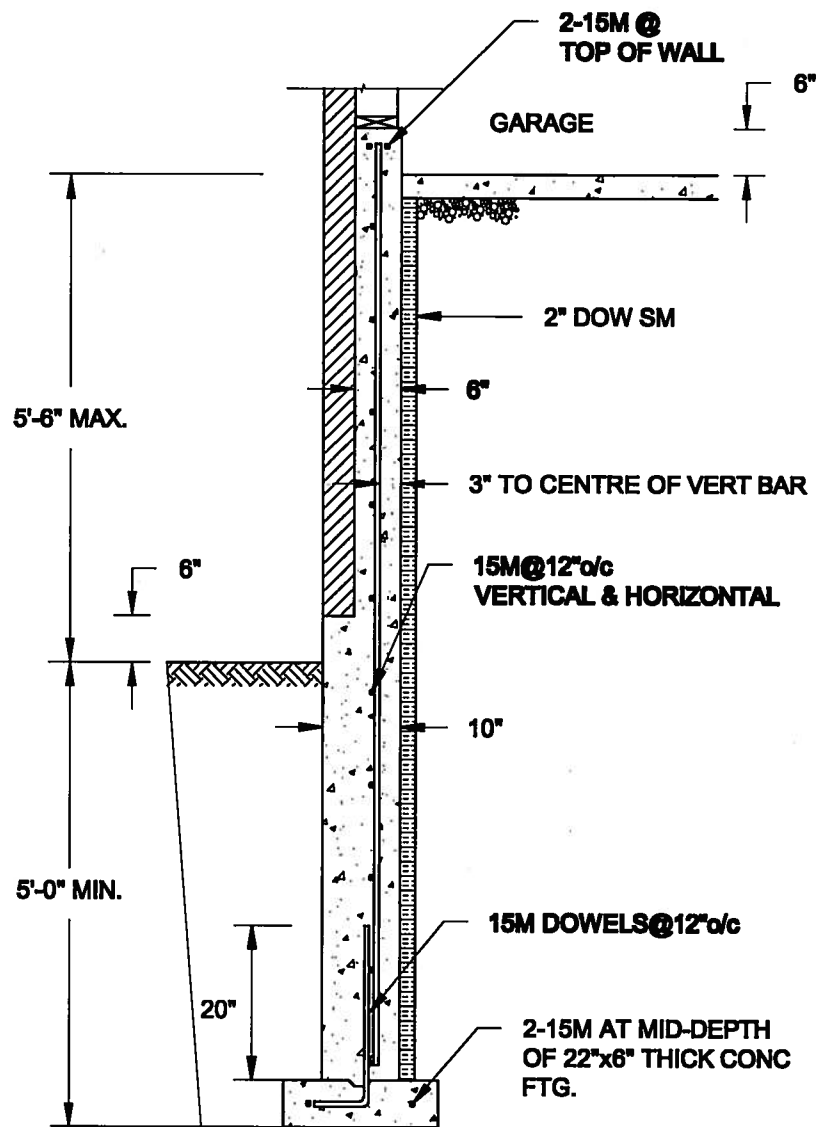
Scale: AS NOTED		QUAILE ENGINEERING LTD.  38 Parkside Drive, UNIT 7 Newmarket, ON L3Y 8J9 T: 905-853-8547 E: quaile.eng@rogers.com	Engineer's Seal  APR 24, 2015		Project: BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT BRADFORD, ONTARIO	
Date: FEB-26-2015			TYPICAL STRUCTURAL DETAILS FOR SINGLES			
Drawn: SC	Checked: SJB		Project No.: 14-095		Drawing No.: S3	



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

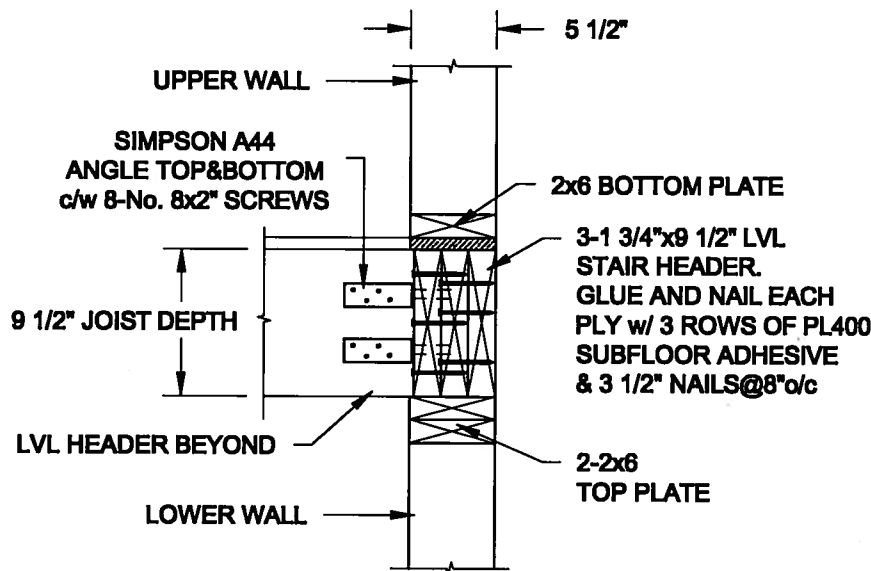
NOTE:

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"

Scale:
AS NOTED

Date:
JUL-19-2015

Drawn:
SC

Checked:
SJB

QUAILE ENGINEERING LTD.



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

Engineer's Seal



SEPT 28, 2015

Project

BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT
BRADFORD, ONTARIO

TYPICAL STRUCTURAL DETAILS FOR SINGLES

Project No.:

14-005

Drawing No.:

S4