

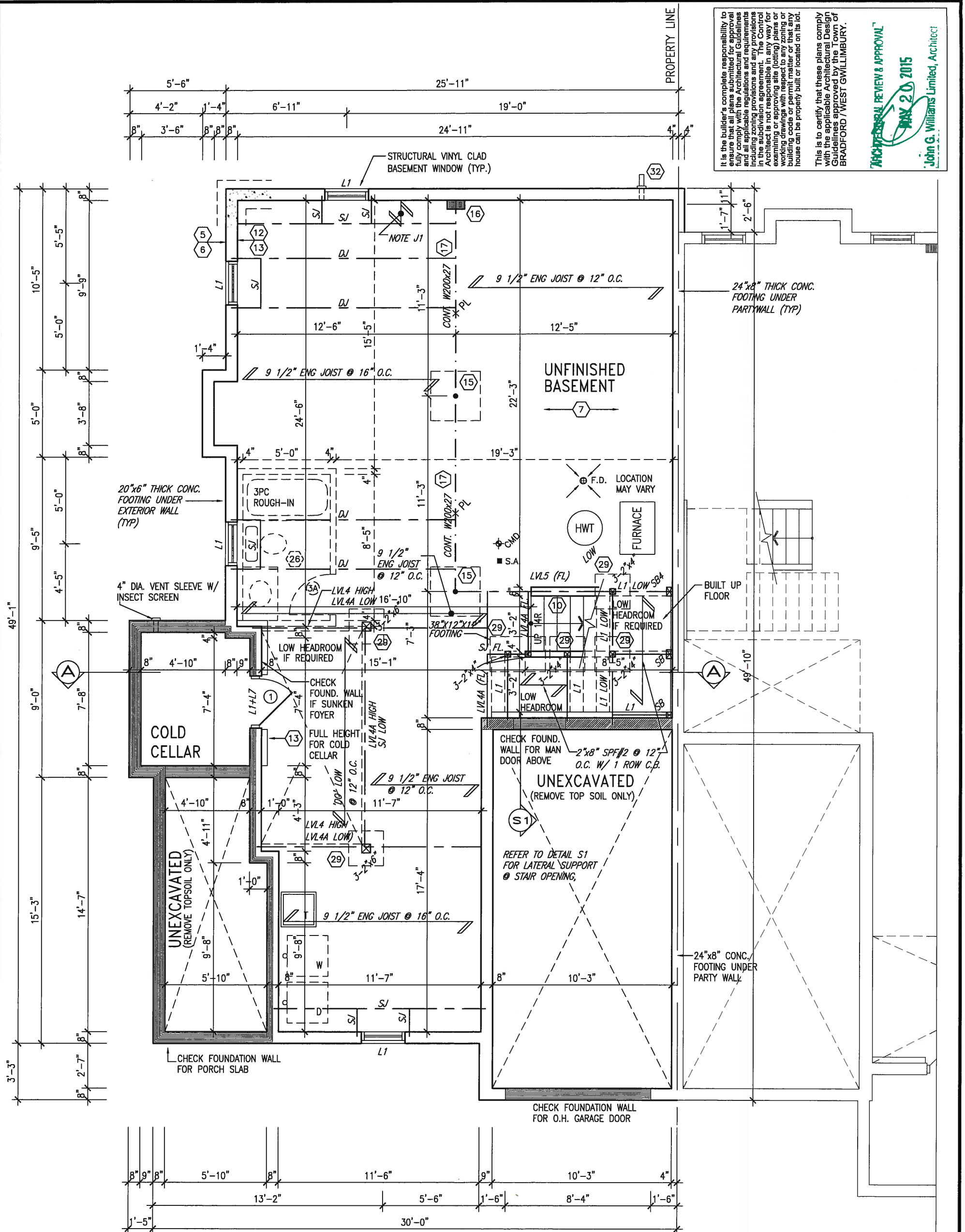
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This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of BRADFORD / WEST GWILLIMBURY.

ARCHITECTURAL REVIEW & APPROVAL

MAY 20 2015

John G. Williams Limited, Architect



BASEMENT PLAN 'A'
SD-6C

BASEMENT PLAN 'A'
SD-4

AREA CHART PG 4A

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.

MIN. SOIL BEARING CAPACITY OF 150KPa

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



MAY 14, 2015

9			
8			
7			
6			
5			
4			
3			
2	REVISED AS PER ENG'S COMMENTS	AUG 15-15 RC	
1	ISSUED FOR CLIENT REVIEW	JUN 13/14 KK	

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
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.

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

BAYVIEW WELLINGTON

SD30-6C
SEDONA 6

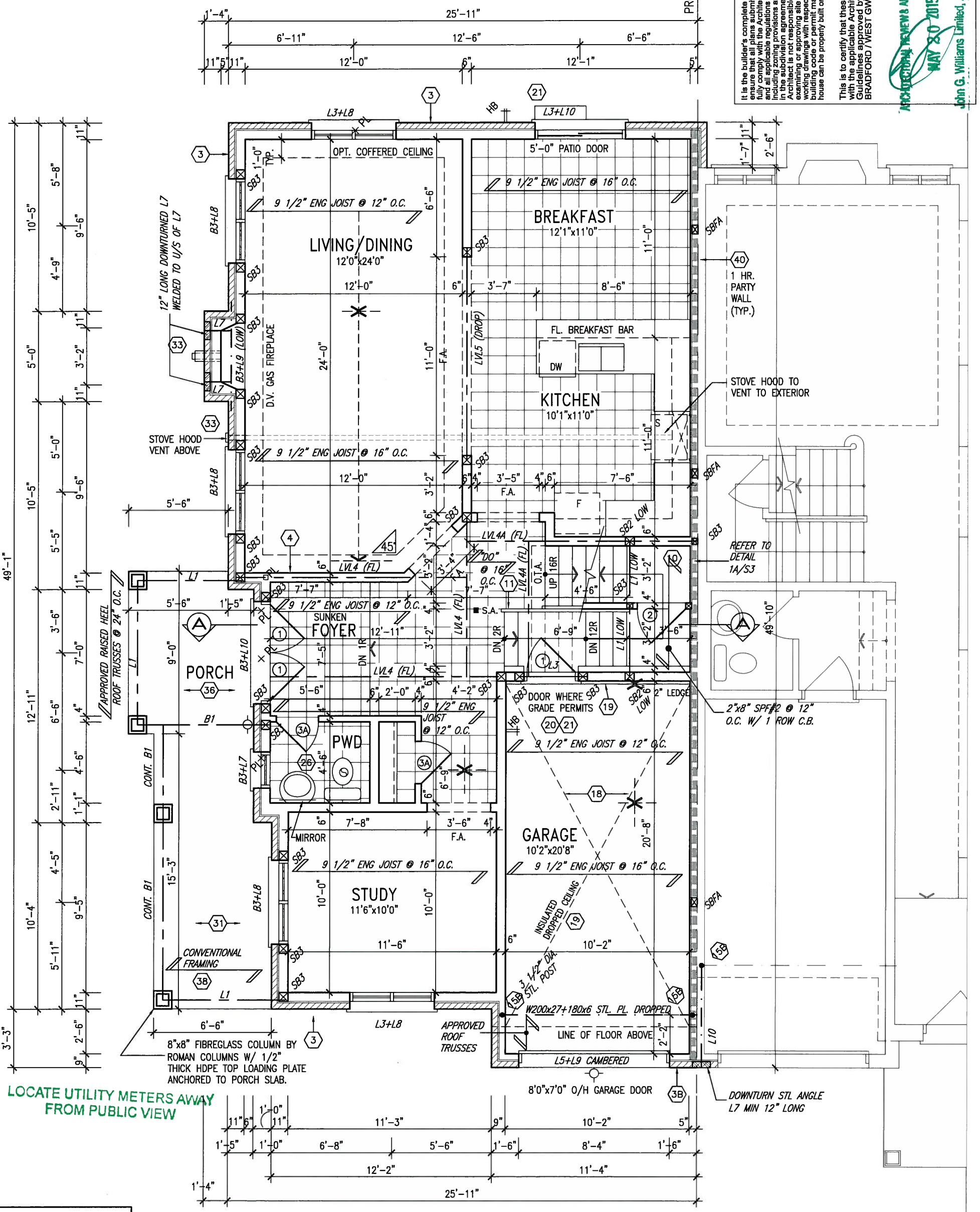
project name GREEN VALLEY ESTATES	municipality BRADFORD, ON.	project no. 13045
date JULY 2014	checked by KK	scale 3/16" = 1'-0"
drawing no. BASEMENT PLAN 'A'	file name 13045-SD30-6C	1A

INDICATES FIRE RATED WALL ASSEMBLY

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

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ARCHITECTURAL REVIEW & APPROVAL
MAY 20 2015
John G. Williams Limited, Architect



LOCATE UTILITY METERS AWAY FROM PUBLIC VIEW

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.

GROUND FLOOR PLAN 'A'
SD-6C



MAY 14, 2015

GROUND FLOOR PLAN 'A'
SD-4

9			
8			
7			
6			
5			
4			
3			
2	REVISED AS PER ENG'S COMMENTS	AUG 15-15	RC
1	ISSUED FOR CLIENT REVIEW	JUN 13/14	KK

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qualification information
Wellington Jno-Baptiste *[Signature]* 25591
name
registration information
VA3 Design Inc. 42658

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

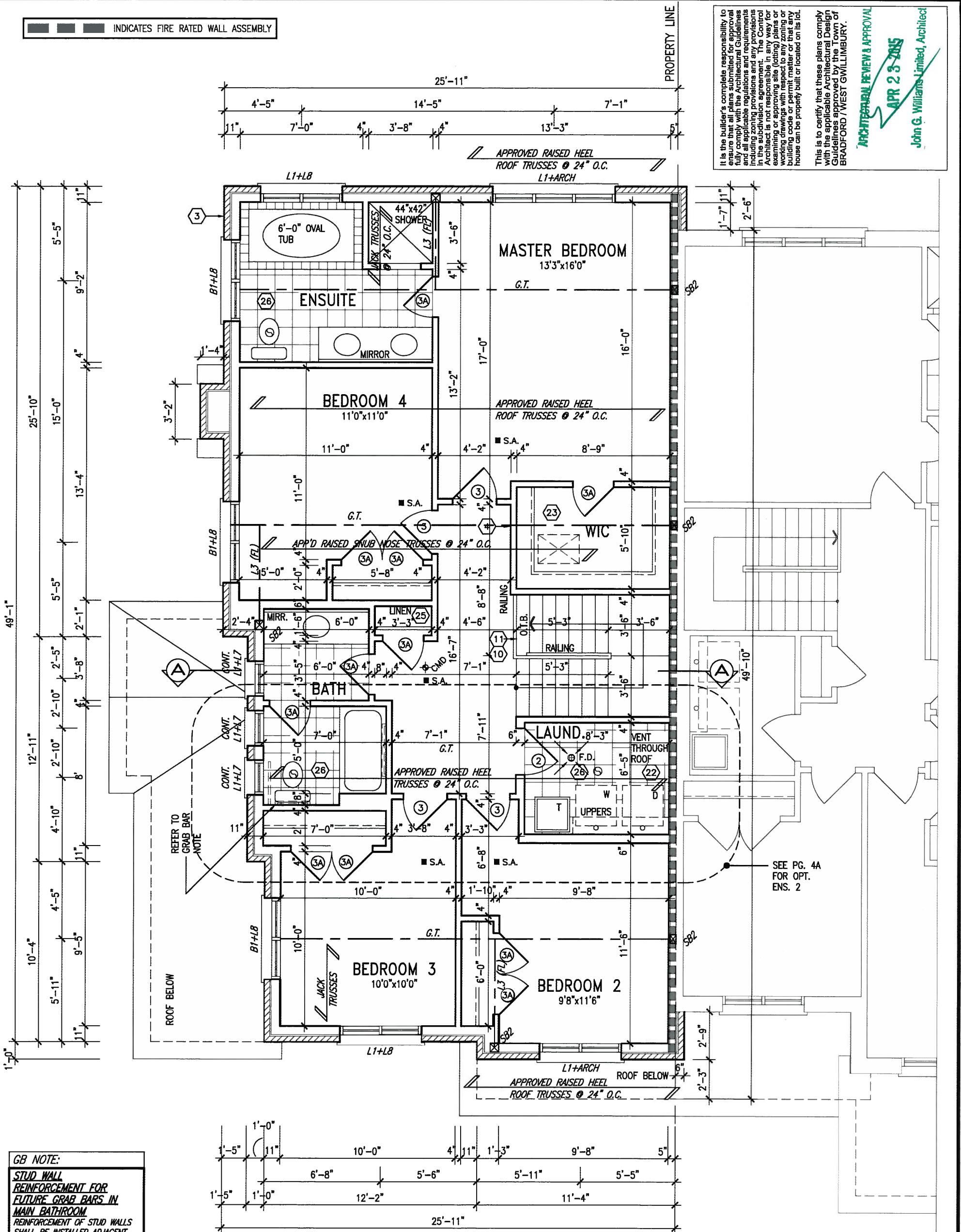
BAYVIEW WELLINGTON		SD30-6C SEDONA 6	
project name GREEN VALLEY ESTATES	municipality BRADFORD, ON.	project no. 13045	drawing no. 2A
date JULY 2014	checked by KK	scale 3/16" = 1'-0"	file name 13045-SD30-6C
GROUND PLAN 'A'			

INDICATES FIRE RATED WALL ASSEMBLY

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ARCHITECTURAL REVIEW & APPROVAL
APR 23 2015
John G. Williams Limited, Architect



GB NOTE:

STUD WALL REINFORCEMENT FOR FUTURE GRAB BARS IN MAIN BATHROOM

REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATER CLOSETS AND SHOWER OR BATHTUB IN MAIN BATHROOM. REFER TO OBC. 9.5.2.3, 3.8.3.8.(3)(a), 3.8.3.8.(3)(c), 3.8.3.13.(2)(f) & 3.8.3.13.(4)(c). AND DETAILS PROVIDED.

ROOF NOTE R1

2"x8" @ 16" O.C. P.T. W/ 2"x4" @ 12" O.C. DIAGONALLY CUT CROSS PURLINS W/ 5/8" EXTERIOR GRADE SHEATHING W/ SINGLE PLY ROOF MEMBRANE

SECOND FLOOR PLAN 'A'
SD-6C



APR 20, 2015

SECOND FLOOR PLAN 'A'
SD-4

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 BCN
4.	.	.	VA3 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.
2.	REVISED AS PER ENG'S COMMENTS	AUG 15-15	RC
1.	ISSUED FOR CLIENT REVIEW	JUN 13/14	KK

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

BAYVIEW WELLINGTON

project name
GREEN VALLEY ESTATES

municipality
BRADFORD, ON.

SD30-6C
SEDONA 6

project no.
13045

date
JULY 2014
drawn by
KK

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

SECOND FLOOR PLAN 'A'

drawing no.
3A

file name
13045-SD30-6C

UNINSULATED OPENINGS (PER OBC, SB-12.2.1.1(7))			
SD30-6 ELEVATION A	ENERGY EFFICIENCY - OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	518.33 S.F.	74.89 S.F.	14.45 %
LEFT SIDE	991.52 S.F.	187.67 S.F.	18.93 %
RIGHT SIDE	991.52 S.F.	0.00 S.F.	0.00 %
REAR	528.33 S.F.	114.06 S.F.	21.59 %
TOTAL SQ. FT.	3029.70 S.F.	376.62 S.F.	12.43 %
TOTAL SQ. M.	281.47 S.M.	34.99 S.M.	12.43 %

ASPHALT SHINGLES
VALLEY FLASHING

BRICK SOLDIER ARCH W/ KEystone
W/ 1/2" PROJ. (TYP.)
PREIN. ALUM. R.W.L. FASCIA,
GUTTER & VENTED SOFFIT
(TYP.)

BRICK SOLDIER COURSE
W/ 1/2" PROJ.
CONT. PRECAST CONC. BAND ON
BRICK SOLDIER COURSE (TYP.)

1"x6" STUCCO FRIEZE
BOARD (TYP.)

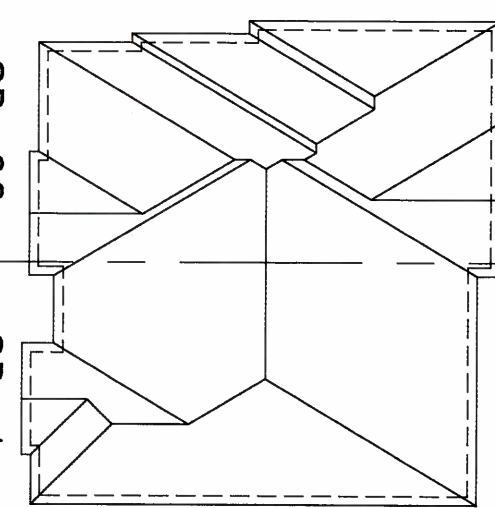
12" FG TRANSOM
8"x8" FIBREGLASS COLUMN BY
ROMAN COLUMNS W/ 1/2"
THICK HDPE TOP LOADING PLATE
ANCHORED TO PORCH SLAB.

PRECAST CONC. SILL ON
BRICK ROWLOCK

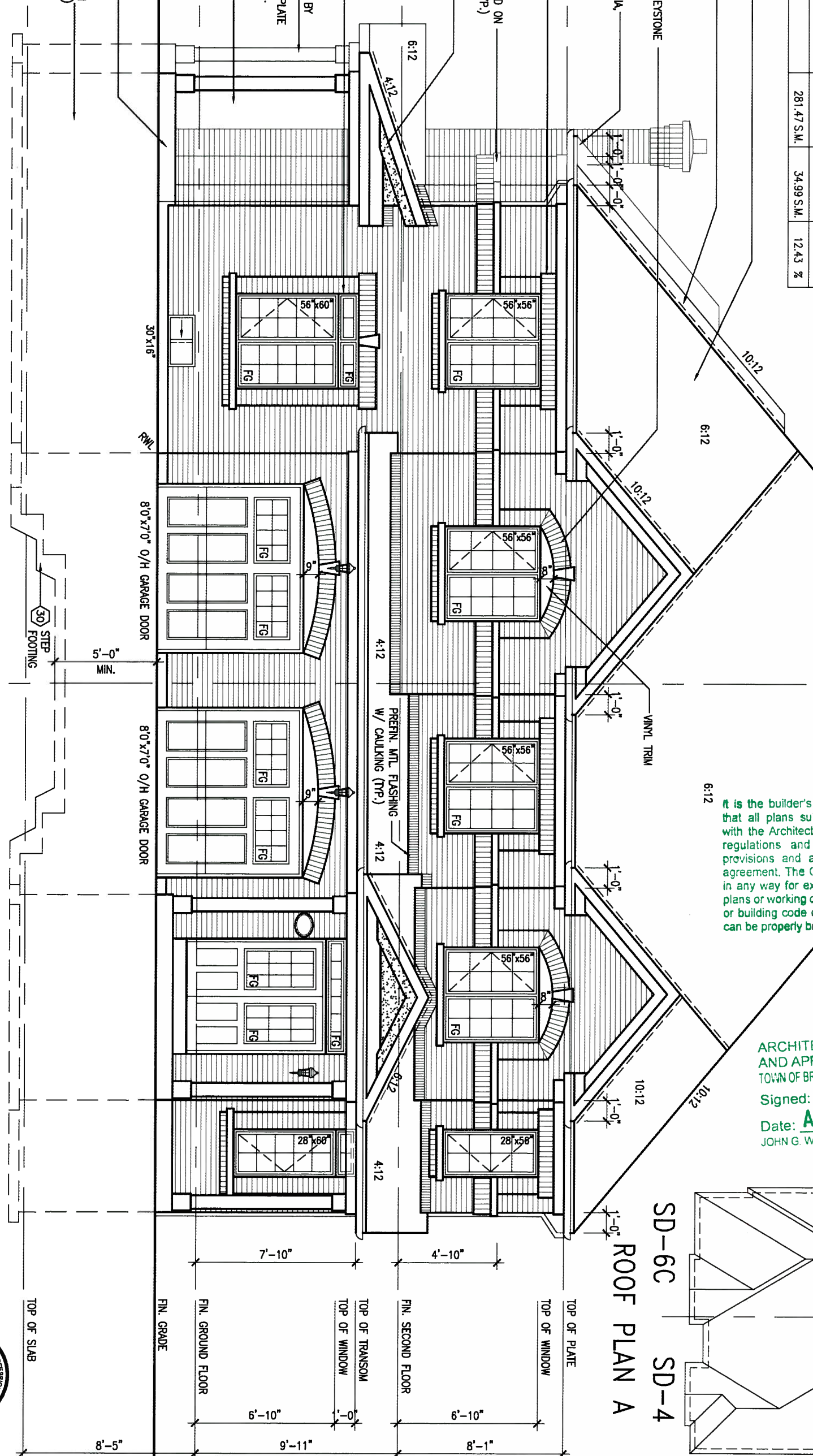
POURED CONC. PORCH
SLAB AND DOOR SILL
POURED CONC. FOUNDATION
WALLS AND FOOTINGS (TYP.)

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ARCHITECTURAL REVIEW
AND APPROVAL
TOWN OF BRADFORD WEST GUILMBURY
Signed: _____
Date: **APR 23 2015**
JOHN G. WILLIAMS LIMITED ARCHITECT



SD-6C SD-4
ROOF PLAN A



FRONT ELEVATION 'A'

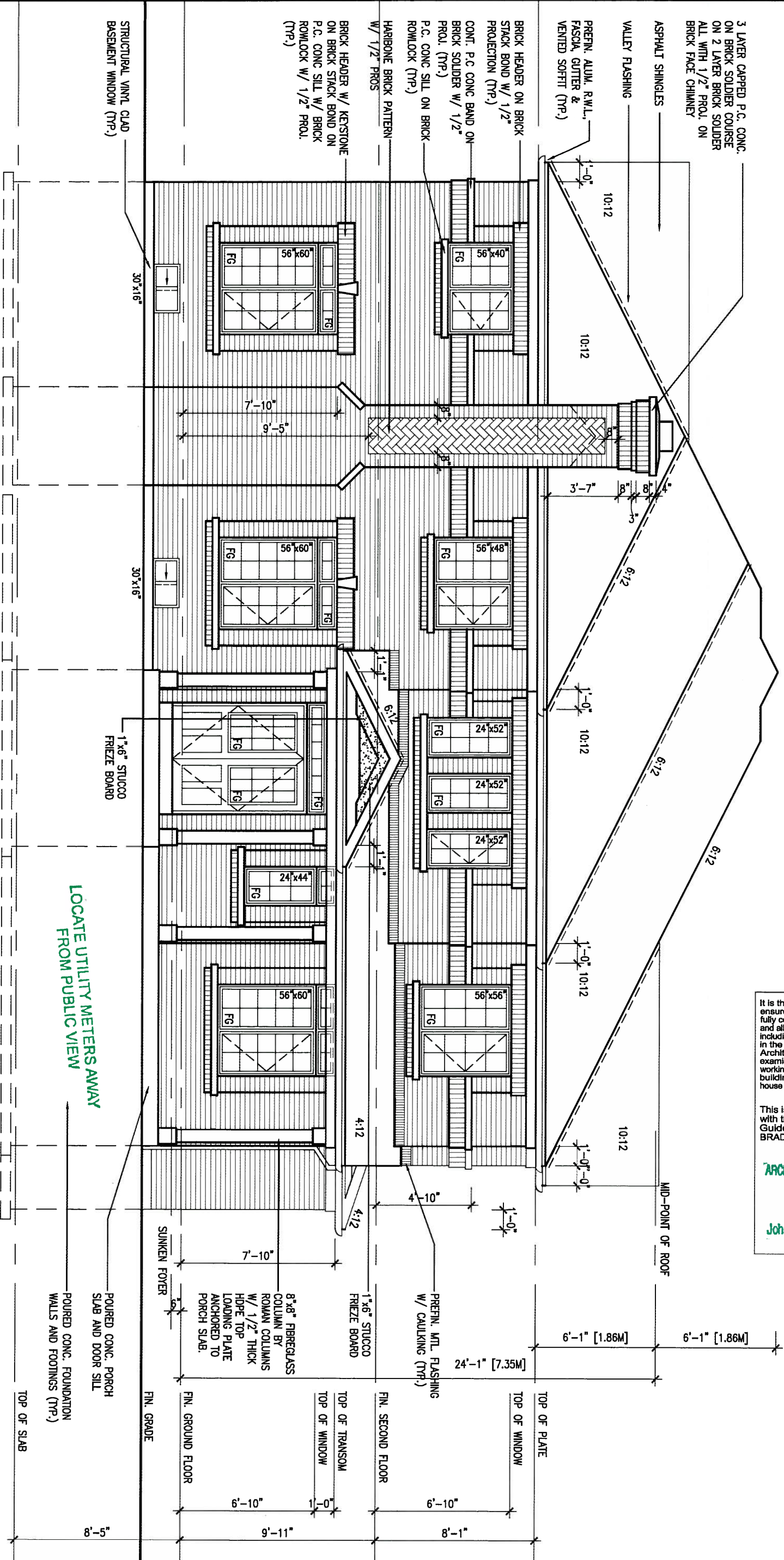
FRONT ELEVATION 'A' (REV)



9. . 8. . 7. . 6. . 5. . 4. . 3. . 2. REVISED AS PER ENG'S COMMENTS AUG 15-15 RC 1. ISSUED FOR CLIENT REVIEW JUN 13/14 KK		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.		VA3 DESIGN 300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782		BAYVIEW WELLINGTON project name GREEN VALLEY ESTATES municipality BRADFORD, ON. date JULY 2014 drawn by KK checked by - scale 3/16" = 1'-0"		SD30-6C SEDONA 6 project no. 13045 drawing no. 4A file name 13045-SD30-6C	
--	--	--	--	---	--	--	--	---	--

FLANKAGE ELEVATION 'A'

SD-6C



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ARCHITECTURAL REVIEW & APPROVAL
APR 23 2015
 John G. Williams Limited, Architect



9.	.	.	.
8.	.	.	.
7.	.	.	.
6.	.	.	.
5.	.	.	.
4.	.	.	.
3.	.	.	.
2.	REVISED AS PER ENG'S COMMENTS	AUG 15-15	RC
1.	ISSUED FOR CLIENT REVIEW	JUN 13/14	KK

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 conclusion of the work.

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

BAYVIEW WELLINGTON

project name
GREEN VALLEY ESTATES
 date
 JULY 2014
 drawn by
 KK

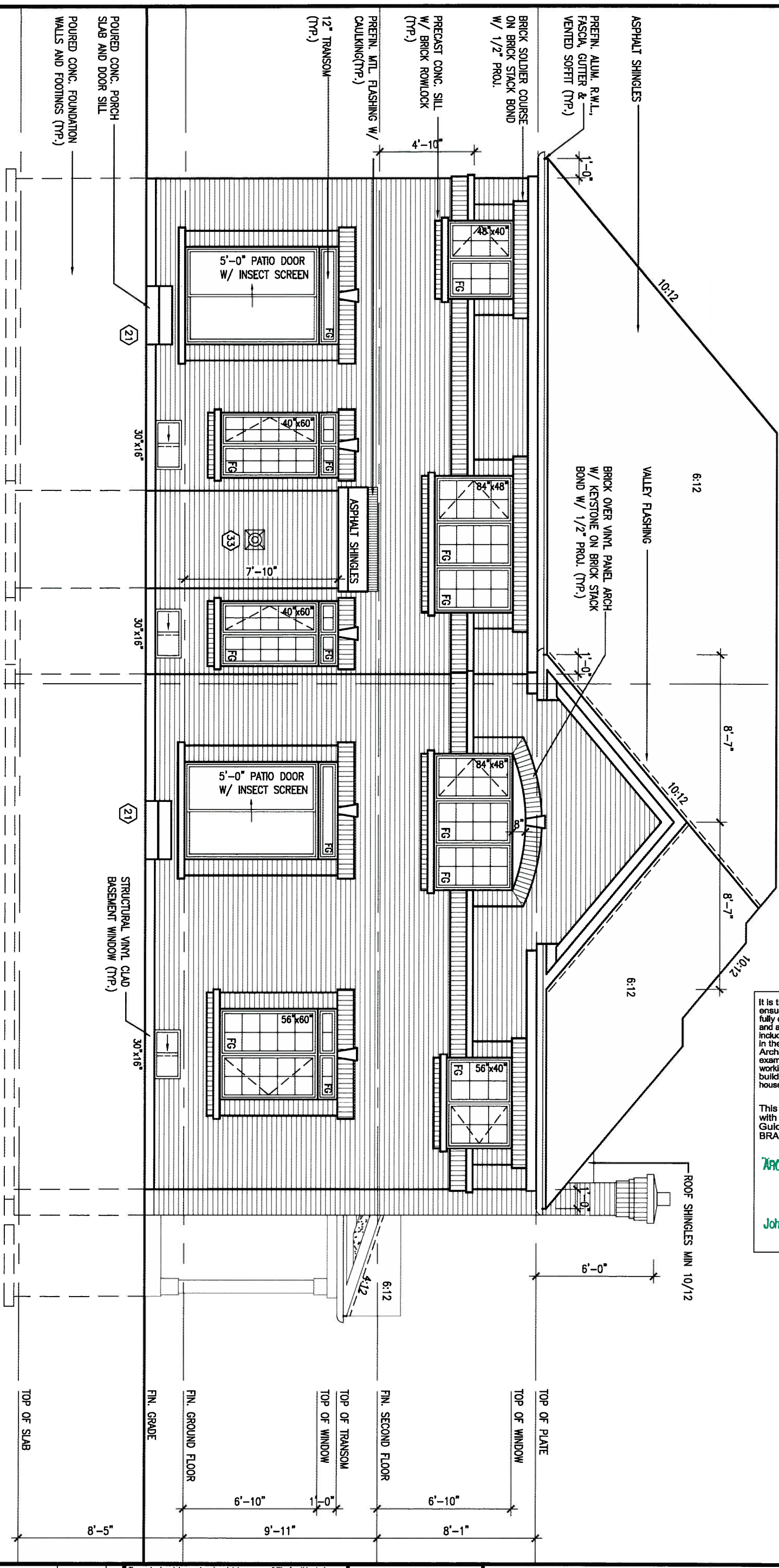
municipality
BRADFORD, ON.
 checked by
 scale
 3/16" = 1'-0"

SD30-6C
 SEDONA 6

project no.
 13045

drawing no.
5A

13045-SD30-6C



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ARCHITECTURAL REVIEW & APPROVAL
APR 23 2015
John G. Williams Limited, Architect

UPGRADED REAR ELEVATION 'A' (REV.)
SD-4

REAR ELEVATION 'A'
SD-6C



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	BCIN
5.	.	.	registration information	42658
4.	.	.	VA3 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.	
2.	REVISED AS PER ENG'S COMMENTS	AUG 15-15	RC	
1.	ISSUED FOR CLIENT REVIEW	JUN 13/14	KK	

VA3 DESIGN 300A Wilson Avenue Toronto ON M3H 1S8 t 416.630.2255 f 416.630.4782	BAYVIEW WELLINGTON project name GREEN VALLEY ESTATES date JULY 2014 drawn by KK checked by scale 3/16" = 1'-0"	SD30-6C SEDONA 6 project no. 13045 municipality BRADFORD, ON. date JULY 2014 drawn by KK checked by scale 3/16" = 1'-0"	REAR ELEV. 'A' file name 13045-SD30-6C 6A
--	---	--	--

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ARCHITECTURAL REVIEW & APPROVAL
APR 23 2015

John G. Williams Limited, Architect

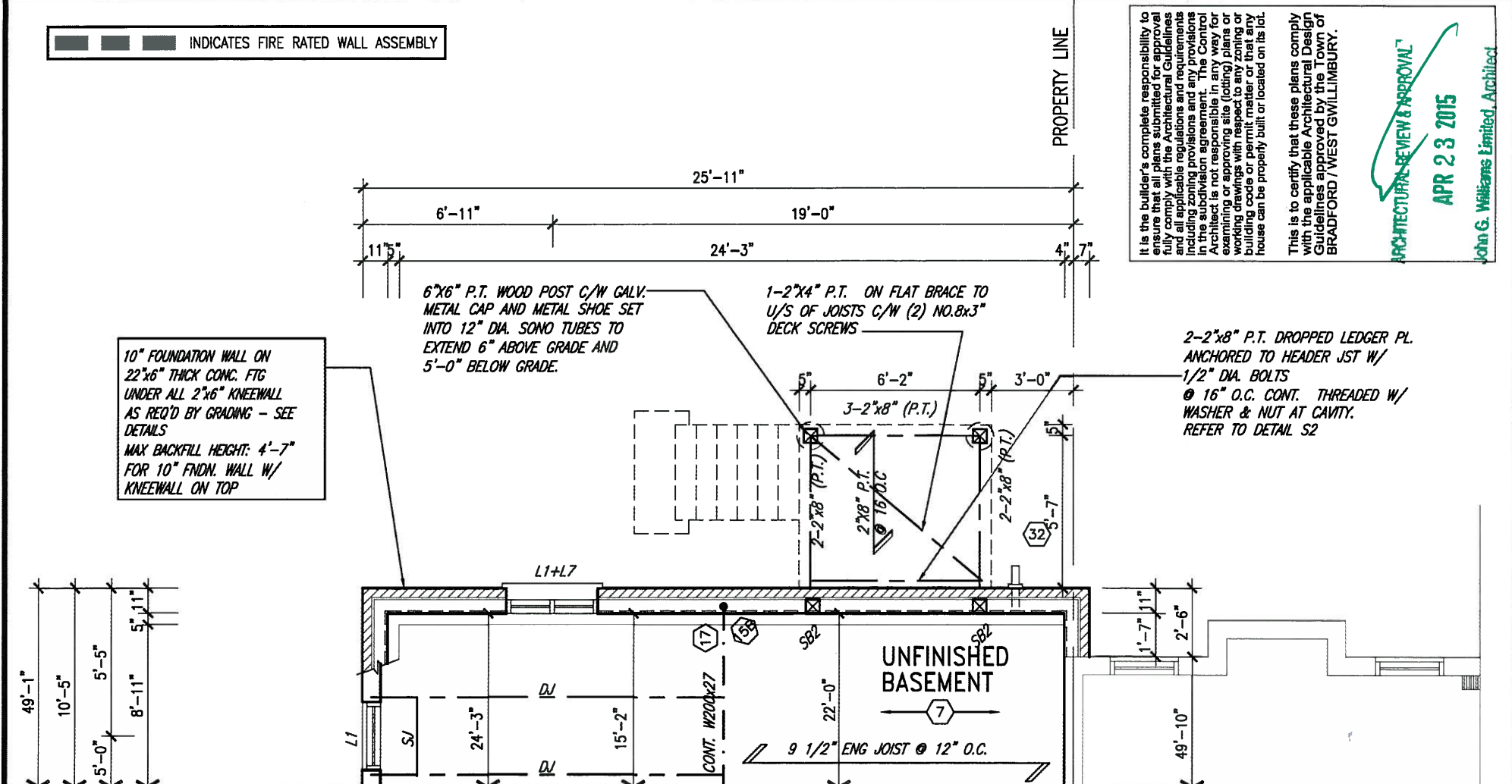
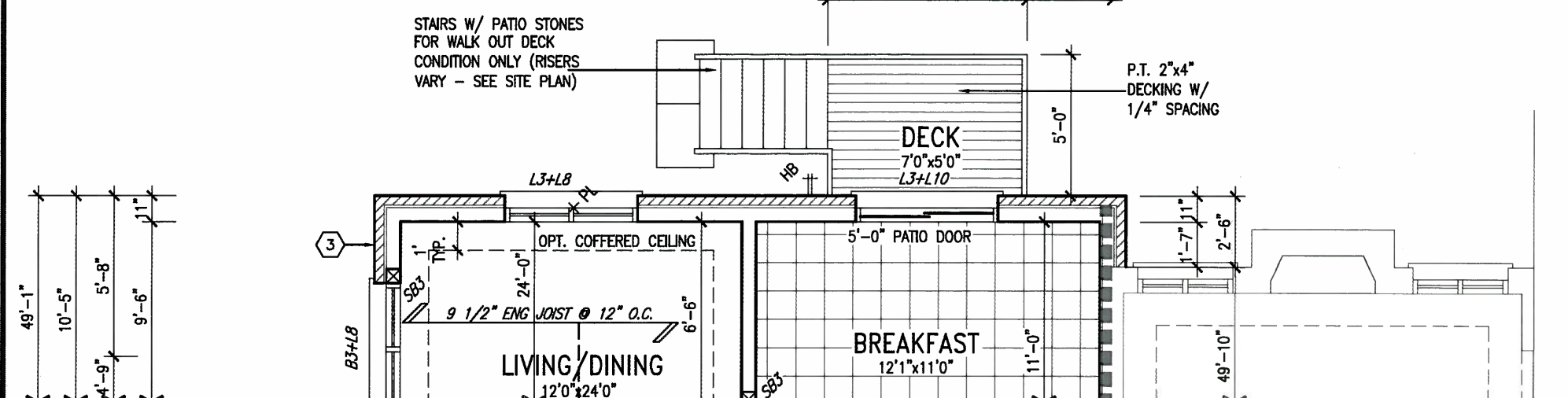
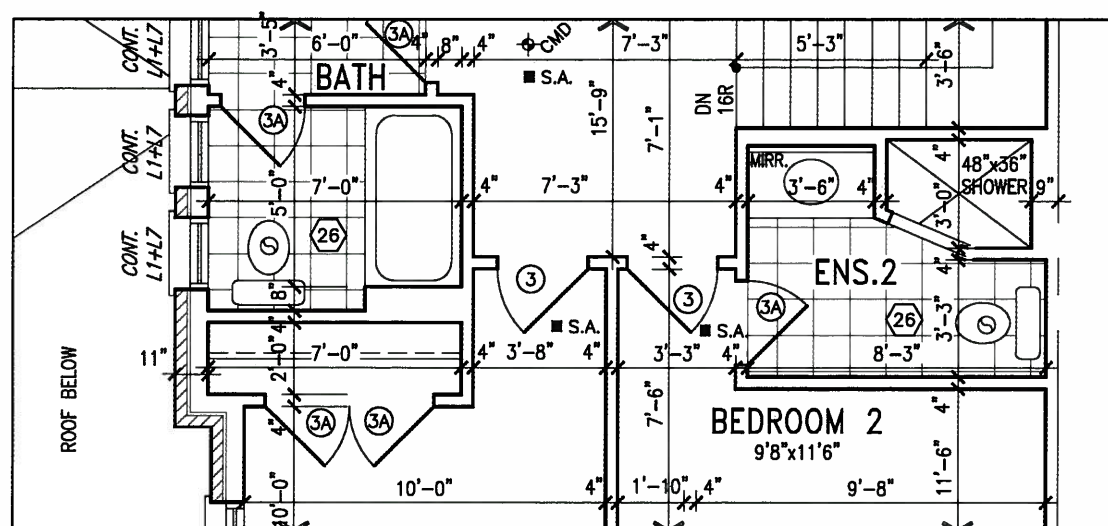


Figure 10.10 shows a horizontal layout of a building with a total length of 25'-11". The layout is divided into sections with dimensions: 6'-11", 12'-6", and 6'-6" for the main sections, and 11", 12'-0", 6", 12'-1", and 5'-6" for the smaller sections. A 7'-0" section is also indicated at the bottom right.



PARTIAL MAIN FLOOR PLAN 'A'
WOD 9R AND MORE COND.



OPT. ENS.2 (LAUNDRY IN BASEMENT)

AREA CALCULATIONS	
	ELEV. A
GROUND FLOOR AREA	1043 SF
SECOND FLOOR AREA	1240 SF
SUBTOTAL	2283 SF
DEDUCT ALL OPENINGS	3 SF
TOTAL NET AREA	2280 SF
	211.82 m ²
COVERAGE W/OUT PORCH	1272 SF
	118.17 m ²
COVERAGE W/ PORCH	1427 SF
	132.57 m ²



APR 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-Baptiste <i>Jno-Baptiste</i> 25591
6	.	.	.	name
5	.	.	.	signature BCIN
4	.	.	.	registration information
3	.	.	.	VA3 Design Inc. 42658
2	REVISED AS PER ENG'S COMMENTS	AUG 15-15	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
1	ISSUED FOR CLIENT REVIEW	JUN 13/14	KK	



Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782

BAYVIEW WELLINGTON

SD30-6C
SEDONA 6

project name	municipality
GREEN VALLEY ESTATES	BRADFORD, ON.

date JULY 2014		PART. WOD FLOOR PLAN 'A'	
drawn by KK	checked by -	scale 3/16" = 1'-0"	file name 13045-SN30-6C

drawing no.

7A

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ARCHITECTURAL REVIEW
AND APPROVAL
TOWN OF BRADFORD WEST GUILMBURY
Signed: 
Date: **APR 23 2015**
JOHN G. WILLIAMS LIMITED ARCHITECT

UNINSULATED OPENINGS (PER OBC, SB-12.2.1.1.(7))			
SD30-6 ELEVATION A - WOD	ENERGY EFFICIENCY - OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	518.33 S.F.	74.89 S.F.	14.45 %
LEFT SIDE	991.52 S.F.	187.67 S.F.	18.93 %
RIGHT SIDE	991.52 S.F.	0.00 S.F.	0.00 %
REAR	634.00 S.F.	121.83 S.F.	19.22 %
TOTAL SQ. FT.	3135.37 S.F.	384.39 S.F.	12.26 %
TOTAL SQ. M.	291.28 S.M.	35.71 S.M.	12.26 %



UPGRADE REAR ELEVATION 'A' (REV.)
SD-4

REAR ELEVATION 'A'
SD-6C

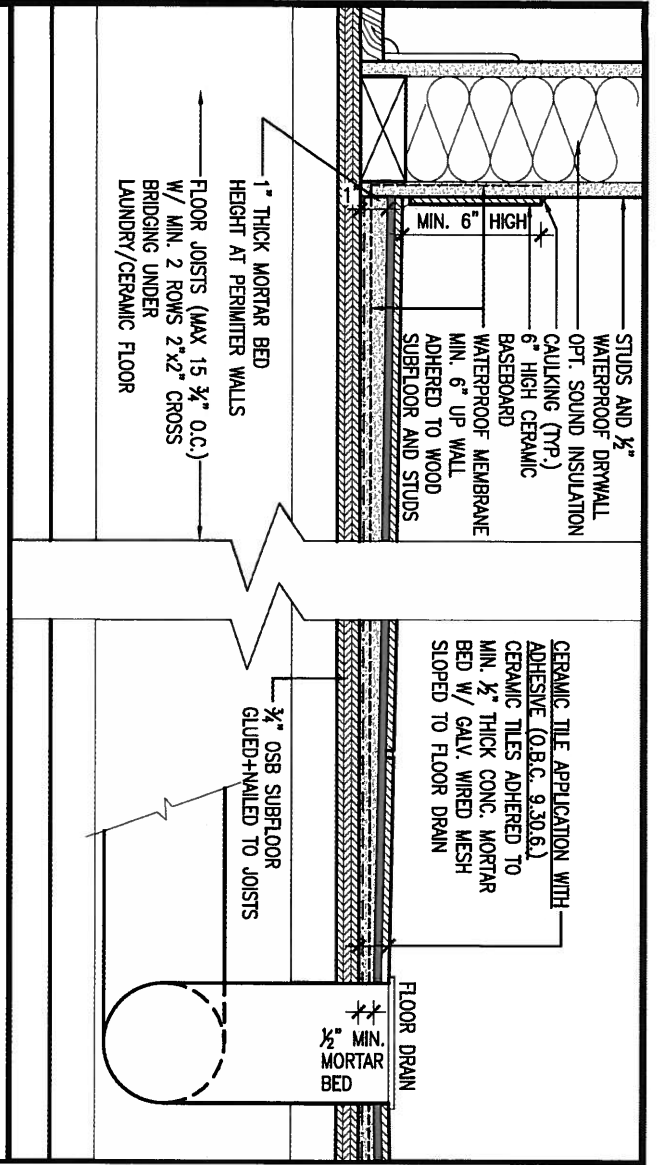
BASEMENT WINDOW SIZES
4R-8R USE 30"x24" VINYL
CLAD STRUCTURAL STEEL
FRAME BASEMENT WINDOWS

9.	.	.	.	The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.
8.	.	.	.	qualification information
7.	.	.	.	Wellington Jno-Baptiste 25591
6.	.	.	.	name registration information BCIN
5.	.	.	.	VAS Design Inc. 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.
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1.	ISSUED FOR CLIENT REVIEW	JUN 13/14	KK	

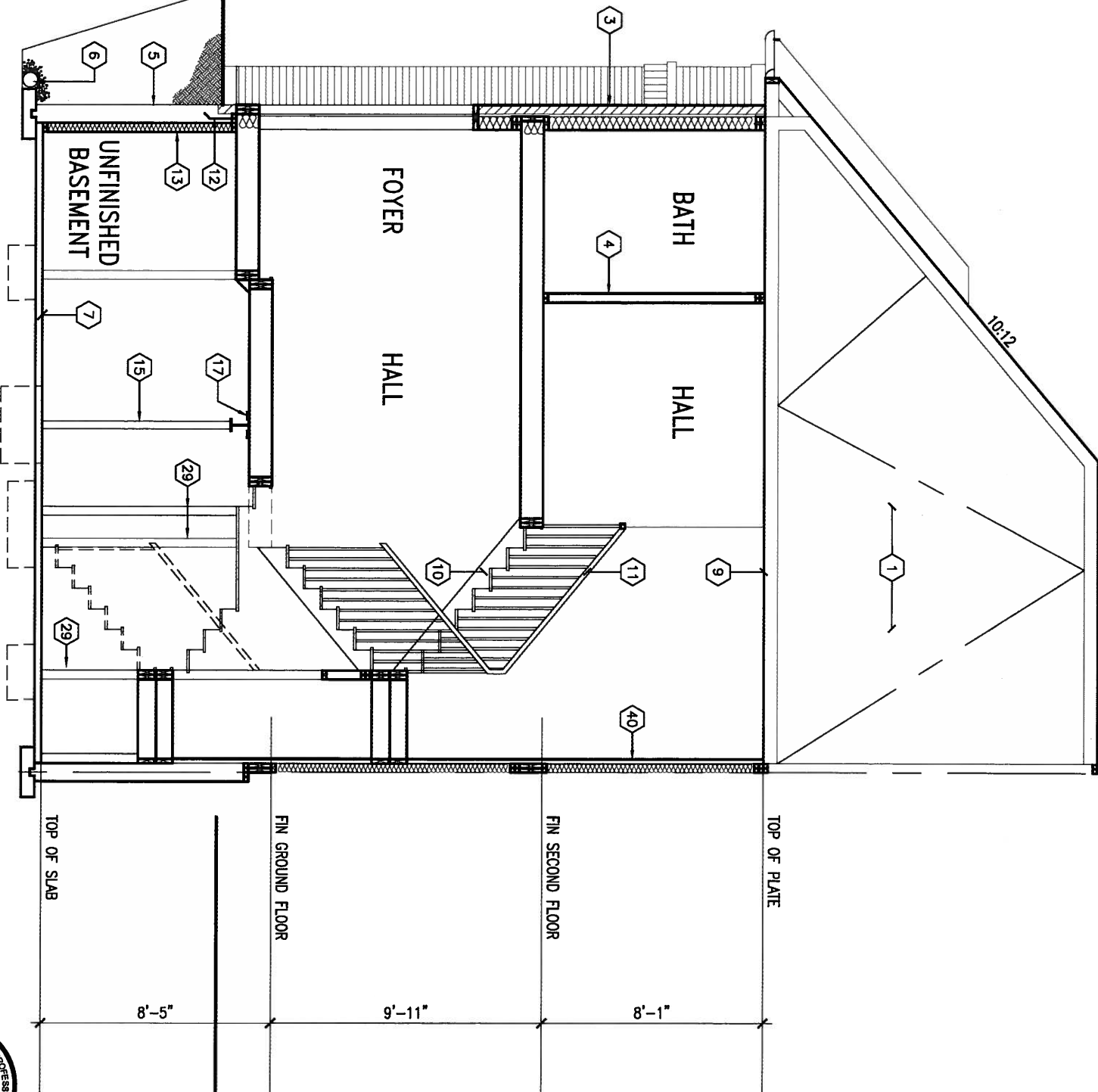
VAS DESIGN
300A Wilson Avenue
Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782

BAYVIEW WELLINGTON		SD30-6C SEDONA 6	
project name	GREEN VALLEY ESTATES	municipality	BRADFORD, ON.
date	JULY 2014	rear elev. 'A' w/ WOD COND.	
drawn by	KK	checked by	-
scale	3/16" = 1'-0"	file name	13045-SD30-6C
drawing no.	8A		

DETAIL THRU SLOPED CERAMIC FLOOR IN LAUNDRY



SECTION A-A



9.	.	.	The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.
8.	.	.	qualification information
7.	.	.	Wellington Jno-Baptiste 25591
6.	.	.	name registration information BCIN
5.	.	.	YAS Design Inc. 42658
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3.	.	.	
2.	REVISED AS PER ENG'S COMMENTS	AUG 15-15 RC	
1.	ISSUED FOR CLIENT REVIEW	JUN 13/14 KK	



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

BAYVIEW WELLINGTON

project name
GREEN VALLEY ESTATES
date
JULY 2014
drawn by
KK
checked by
scale
3/16" = 1'-0"

SD30-6C
SEDONA 6

project no.
13045

SECTION A-A

file name
13045-SD30-6C

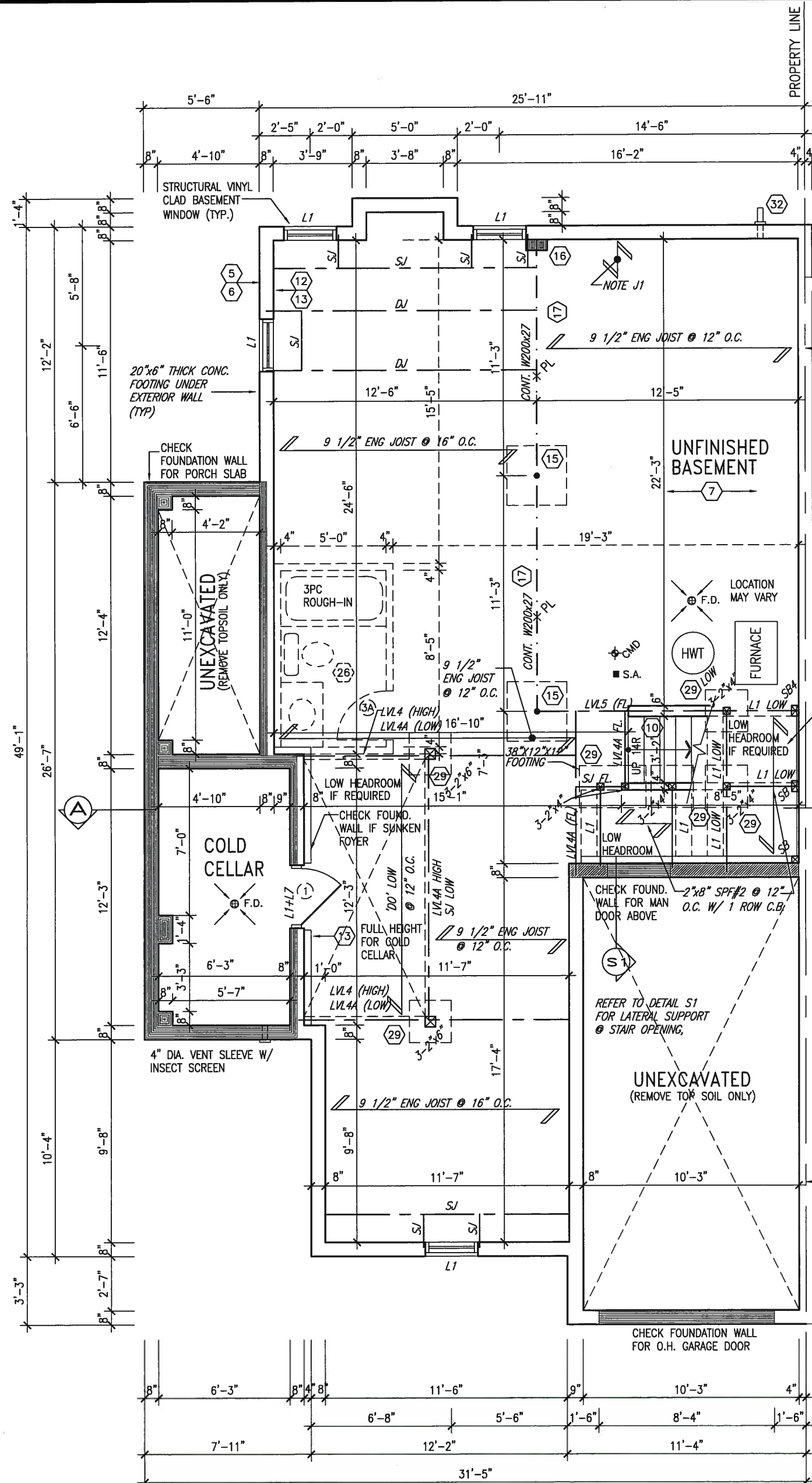
drawing no.

9A

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ARCHITECTURAL REVIEW & APPROVAL
 MAY 20 2015
 John G. Williams Limited, Architect



BASEMENT PLAN 'B'
SD-6C

BASEMENT PLAN 'B'
SD-4

AREA CHART PG 4B

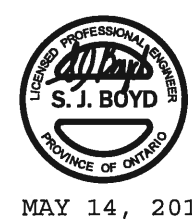
NOTE: SPACE ALL FLOOR JOISTS @ 12" O.C. UNDER ALL CERAMIC TILE AREAS.

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.

MIN. SOIL BEARING CAPACITY OF 150KPa

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



MAY 14, 2015

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8.				qualification information	
7.				Wellington Jno-Baptiste	25591
6.				name	BCN
5.				registration information	
4.				VA3 Design Inc.	42658
3.					
2.	REVISED AS PER ENG'S COMMENTS	AUG 15-15	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.	
1.	ISSUED FOR CLIENT REVIEW	JUN 13/14	KK		

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

BAYVIEW WELLINGTON		SD30-6C SEDONA 6	
project name GREEN VALLEY ESTATES	municipality BRADFORD, ON.	project no. 13045	drawing no. 1B
date JULY 2014	checked by KK	scale 3/16" = 1'-0"	file name 13045-SD30-6C
BASEMENT PLAN B			

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ARCHITECTURAL REVIEW & APPROVAL¹

MAY 28 2015

John G. Williams Limited, Architect



GROUND FLOOR PLAN 'B'
SD-4



MAY 14, 2015

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						
7					qualification information	
6					Wellington Jno-Baptiste	25591
5					name	BCIN
4					registration information	
3					VA3 Design Inc.	42658
2	REVISED AS PER ENG'S COMMENTS	AUG 15-15	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 firm, which, whether or not they are marked as such, shall remain the property of the firm.	
1	ISSUED FOR CLIENT REVIEW	JUN 13/14	KK			

**VA3
DESIGN**

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

BAYVIEW WELLINGTON

project name
GREEN VALLEY ESTATES

date	JULY 2014
drawn by	KK

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

municipality
BRADFORD, ON.

GROUND FLOOR PLAN EL. 'B'

SD30-6C
SEDONA 6

project no.
13045

drawing no.

2B

file name
13045-SD30-6C

INDICATES FIRE RATED WALL ASSEMBLY

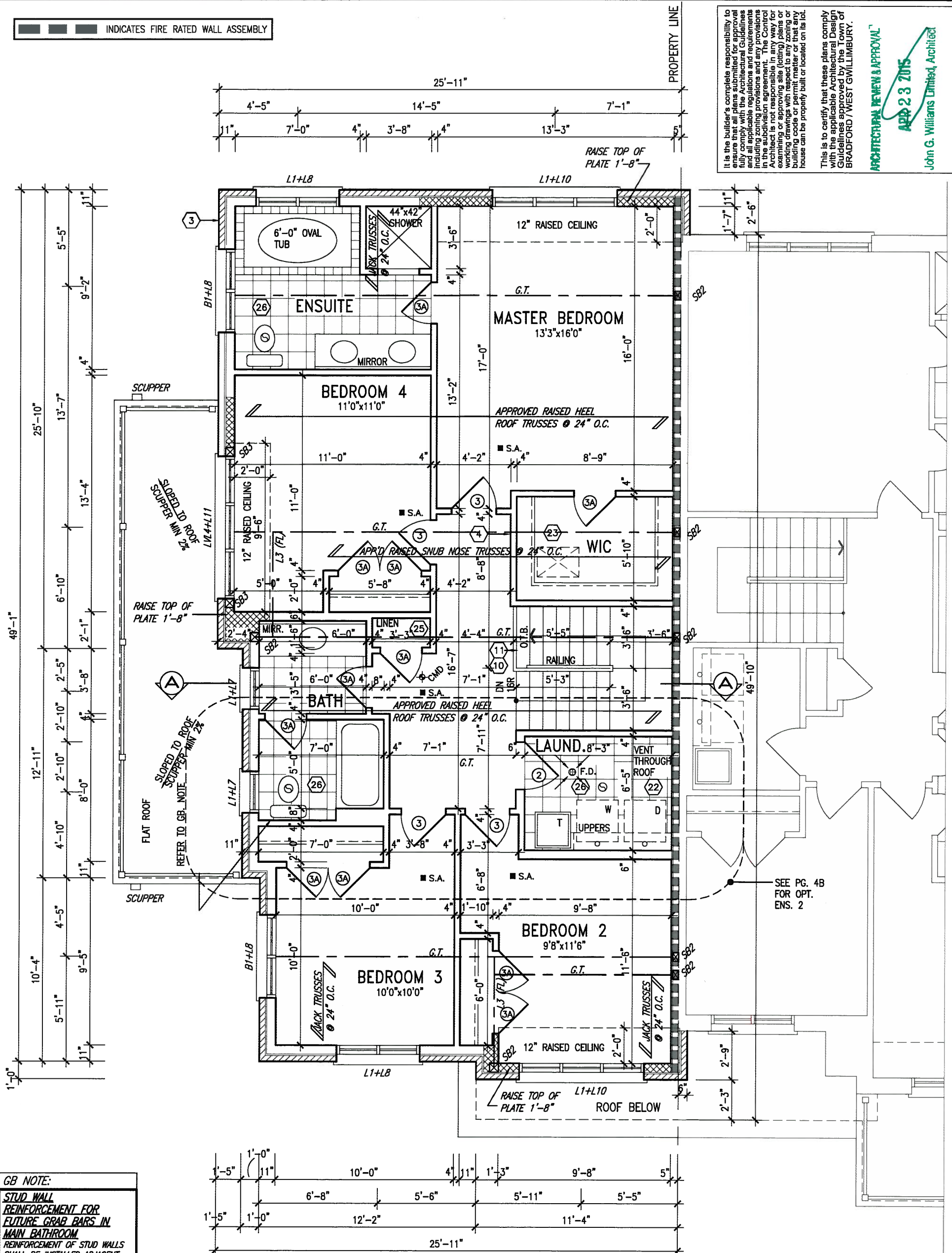
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ARCHITECTURAL REVIEW & APPROVAL

APR 23 2015

John G. Williams Limited, Architect



GB NOTE:

STUD WALL REINFORCEMENT FOR FUTURE GRAB BARS IN MAIN BATHROOM

REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATER CLOSETS AND SHOWER OR BATHTUB IN MAIN BATHROOM. REFER TO OBC. 9.5.2.3, 3.8.3.8.(3)(a), 3.8.3.8.(3)(c), 3.8.3.13.(2)(f) & 3.8.3.13.(4)(c). AND DETAILS PROVIDED.

ROOF NOTE R1

2"x8" @ 16" O.C. P.T. W/ 2"x4" @ 12" O.C. DIAGONALLY CUT CROSS PURLINS W/ 5/8" EXTERIOR GRADE SHEATHING W/ SINGLE PLY ROOF MEMBRANE

SECOND FLOOR PLAN 'B'
SD-6C

SECOND FLOOR PLAN 'B'
SD-4



APR 20, 2015

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

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t 416.630.2255 f 416.630.4782

BAYVIEW WELLINGTON

project name
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municipality
BRADFORD, ON.

SD30-6C
SEDONA 6

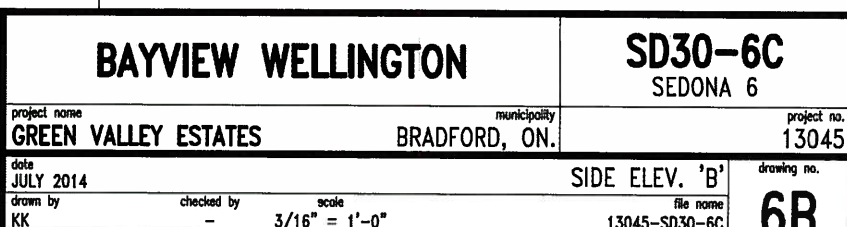
project no.
13045

date
JULY 2014
drawn by
KK

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

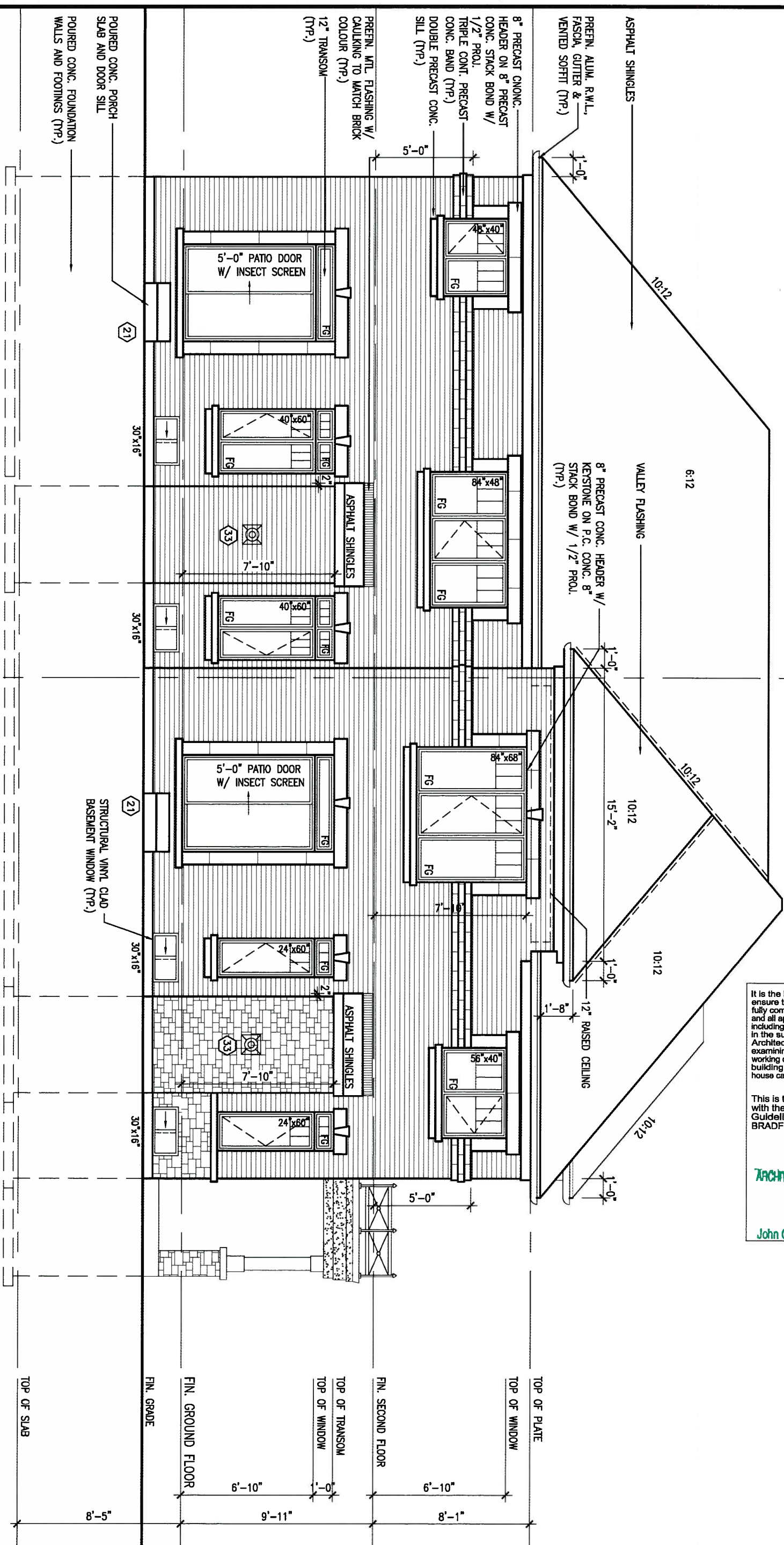
SECOND FLOOR PLAN EL. 'B'
file name
13045-SD30-6C

drawing no.
3R



REAR ELEVATION 'B' (REV.)
SD-4

REAR ELEVATION 'B'
SD-6C



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ARCHITECTURAL REVIEW & APPROVAL
APR 23 2015
John G. Williams Limited, Architect



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1	ISSUED FOR CLIENT REVIEW	JUN 13/14	KK	project name	GREEN VALLEY ESTATES	municipality	BRADFORD, ON.
2	REVISED AS PER ENG'S COMMENTS	AUG 15-15	RC	date	JULY 2014	checked by	scale
3				drawn by	KK		3/16" = 1'-0"
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INDICATES FIRE RATED WALL ASSEMBLY

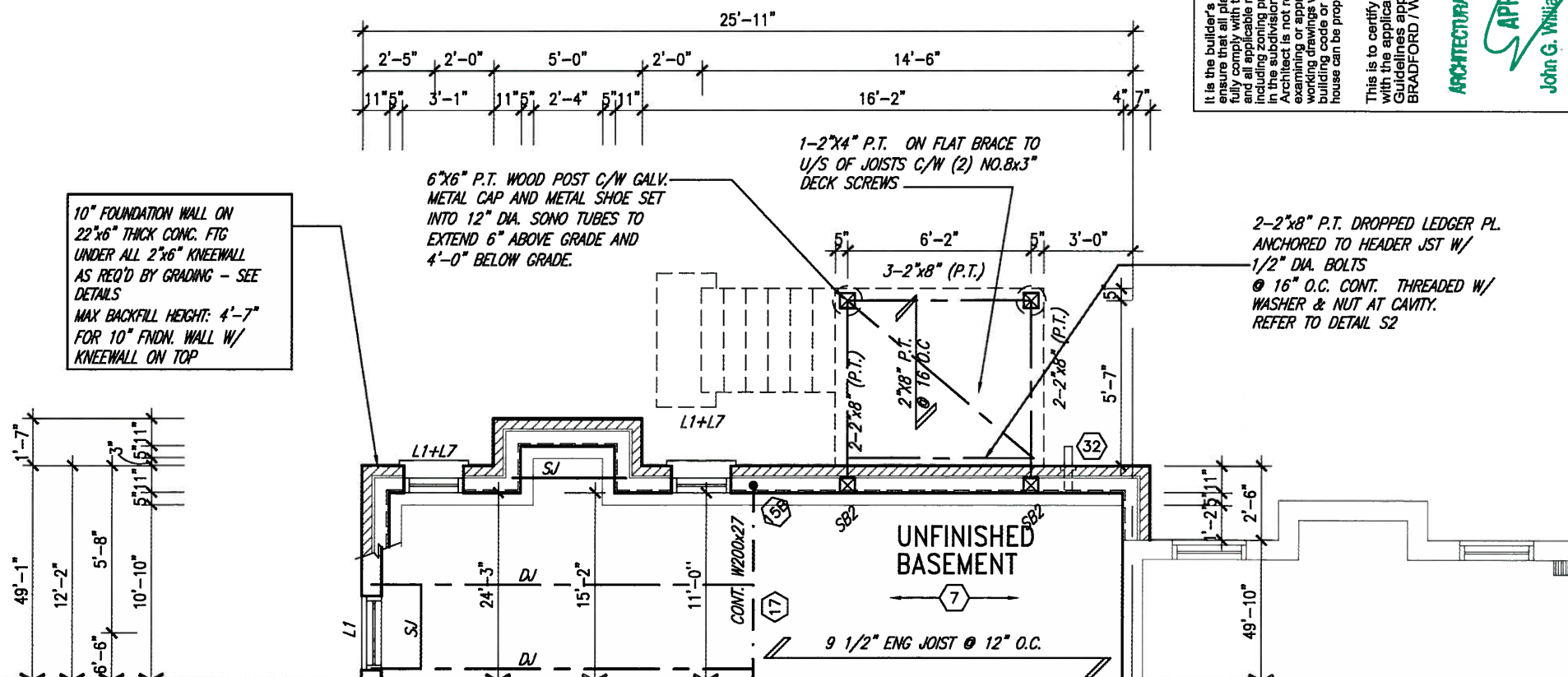
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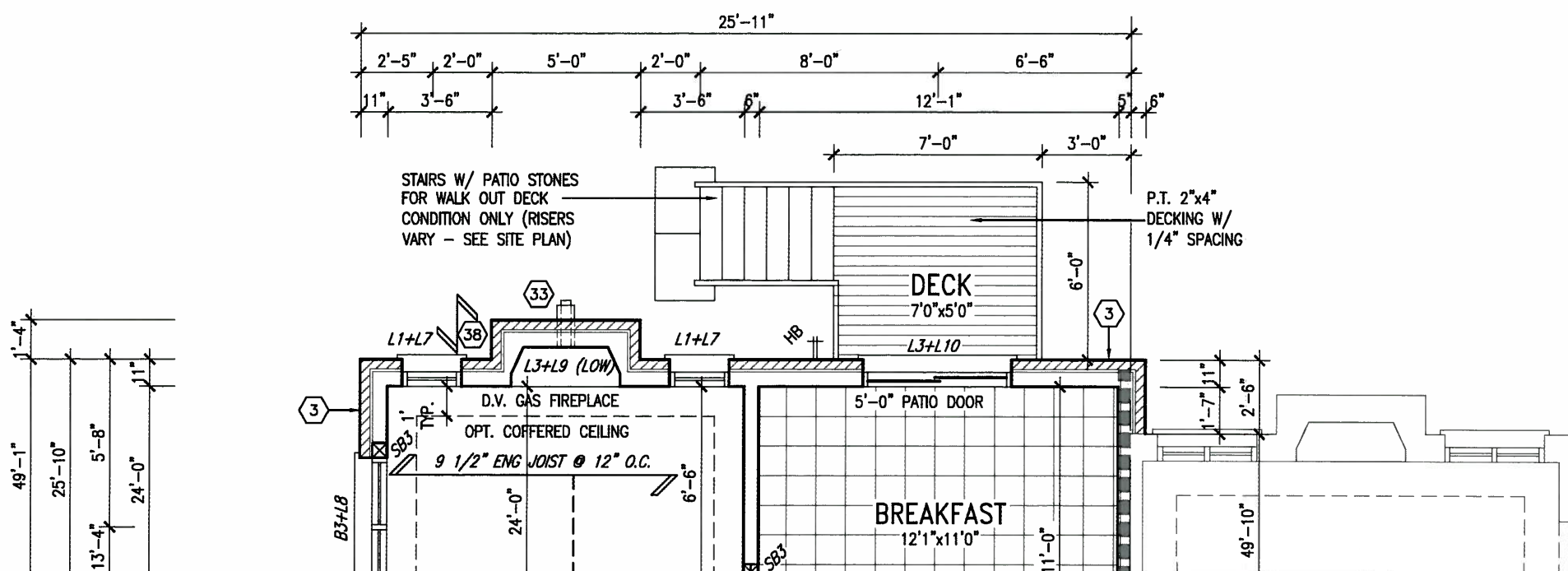
ARCHITECTURAL REVIEW & APPROVAL

APR 23 2015

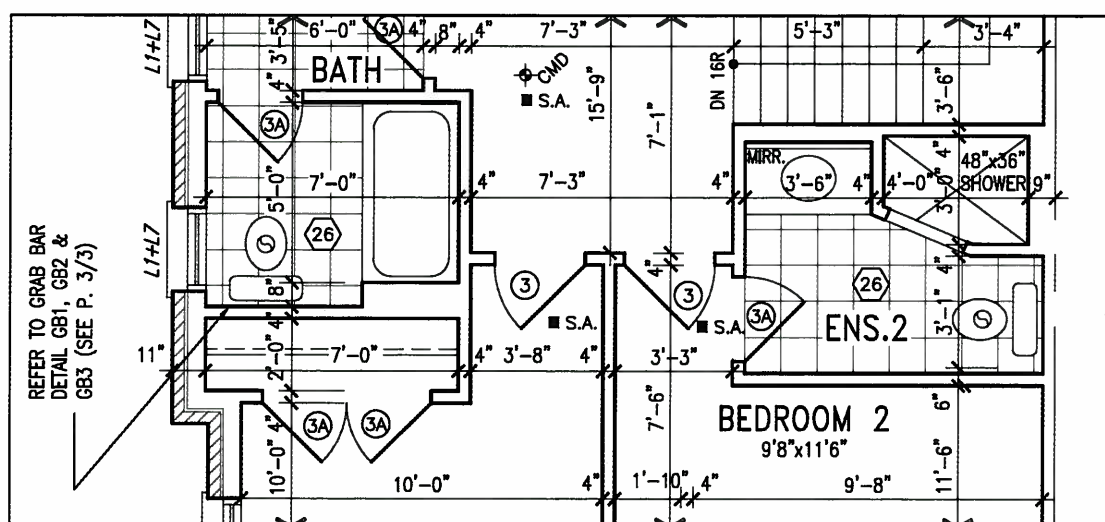
John G. Williams Limited, Architect



PARTIAL BASEMENT PLAN 9 OR MORE WOD COND.



PARTIAL GROUND FLOOR PLAN 9 OR MORE WOD COND.



OPT. ENS.2 (LAUNDRY IN BASEMENT)

AREA CALCULATIONS	
	ELEV. B
GROUND FLOOR AREA	1043 SF
SECOND FLOOR AREA	1240 SF
SUBTOTAL	2283 SF
DEDUCT ALL OPENINGS	3 SF
TOTAL NET AREA	2280 SF
	211.82 m2
COVERAGE W/OUT PORCH	1272 SF
	118.17 m2
COVERAGE W/ PORCH	1437 SF
	133.50 m2



APR 20, 2015

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

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VA3
DESIGN

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BAYVIEW WELLINGTON

project name
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date
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drawn by
KK

municipality
BRADFORD, ON.
checked by
scale
3/16" = 1'-0"

SD30-6C
SEDONA 6

project no.
13045
drawing no.
4B

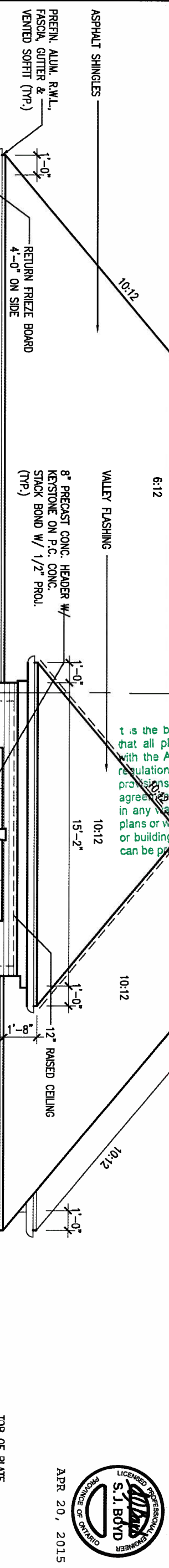
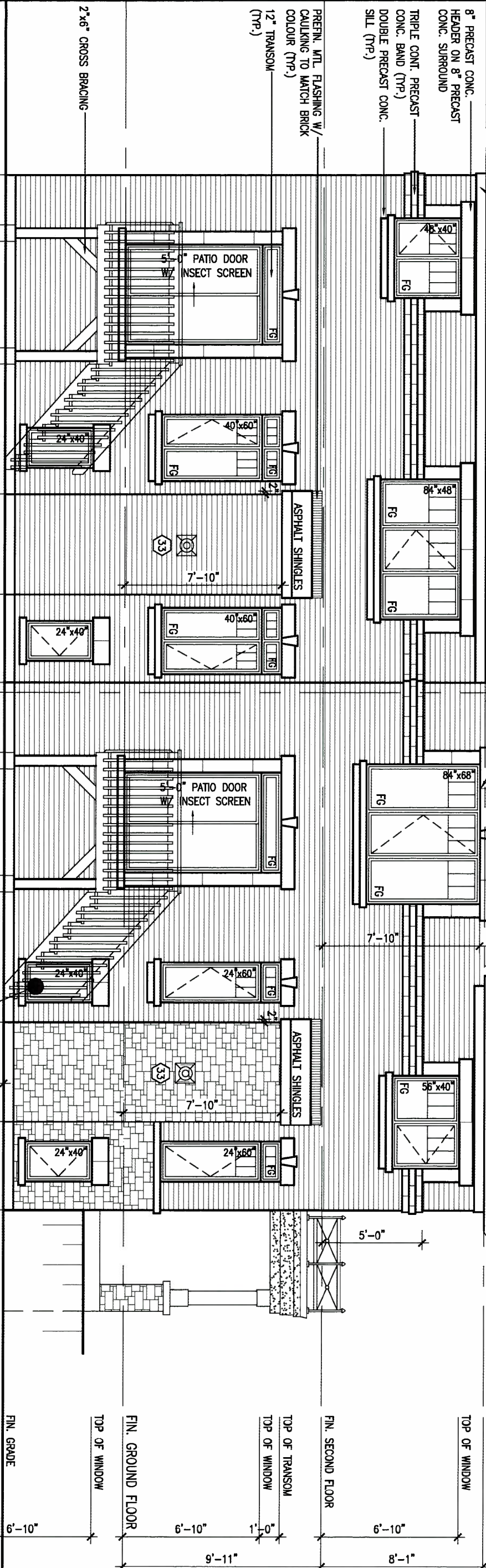
PART. WOD FLOOR PLAN 'B'

file name
13045-SD30-6C

UPGRADE REAR ELEVATION 'B' (REV.)
SD-4

REAR ELEVATION 'B'
SD-6C

POURED CONC. FOUNDATION
WALLS AND FOOTINGS (TYP.)
6"x6" P.I. WOOD POST C/W
GALV. METAL CAP AND METAL
SHOE SET INTO 12" DIA. SONO
TUBES TO EXTEND 6" ABOVE
GRADE AND 5'-0" BELOW
GRADE



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ARCHITECTURAL REVIEW
AND APPROVAL
TOWN OF BRADFORD WEST GUILDFORD
Signed: _____
Date: **APR 23 2015**
JOHN G. WILLIAMS LIMITED ARCHITECT

UNINSULATED OPENINGS (PER OBC, SB-12.2.1.1.7)			
SD30-6 ELEVATION B WOD	ENERGY EFFICIENCY - OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	518.33 S.F.	92.78 S.F.	17.90 %
LEFT SIDE	1000.25 S.F.	205.22 S.F.	20.52 %
RIGHT SIDE	990.75 S.F.	0.00 S.F.	0.00 %
REAR	647.25 S.F.	131.72 S.F.	20.35 %
TOTAL SQ. FT.	3156.58 S.F.	429.72 S.F.	13.61 %
TOTAL SQ. M.	293.25 S.M.	39.92 S.M.	13.61 %



BASEMENT WINDOW SIZES
4R-8R USE 30"x24" VINYL
CLAD STRUCTURAL STEEL
FRAME BASEMENT WINDOWS

9			
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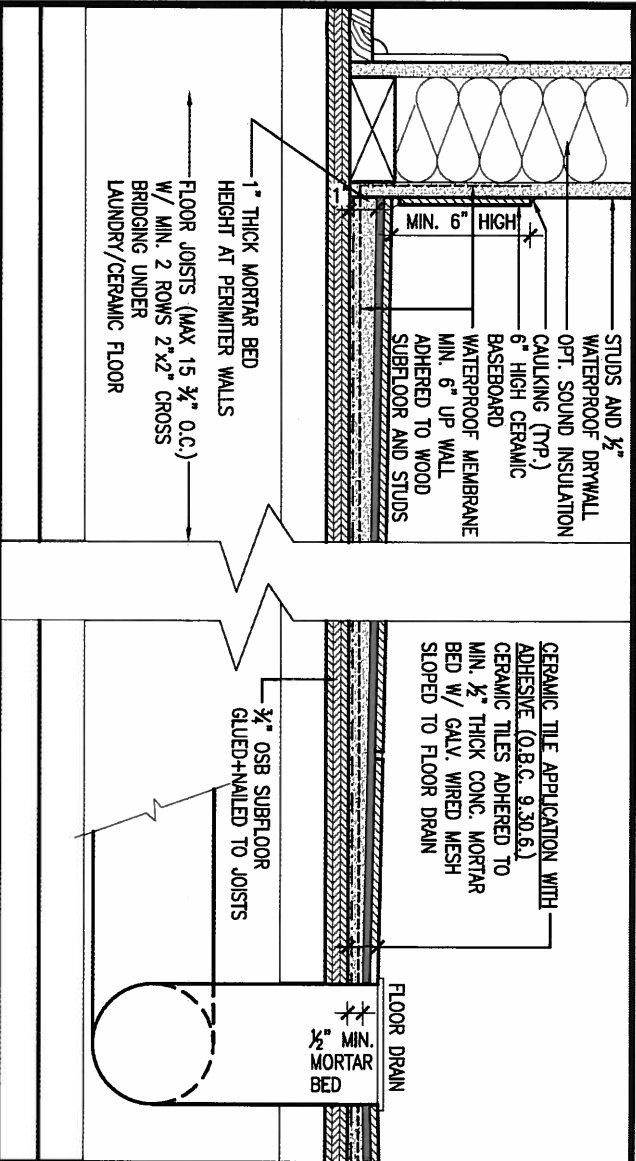
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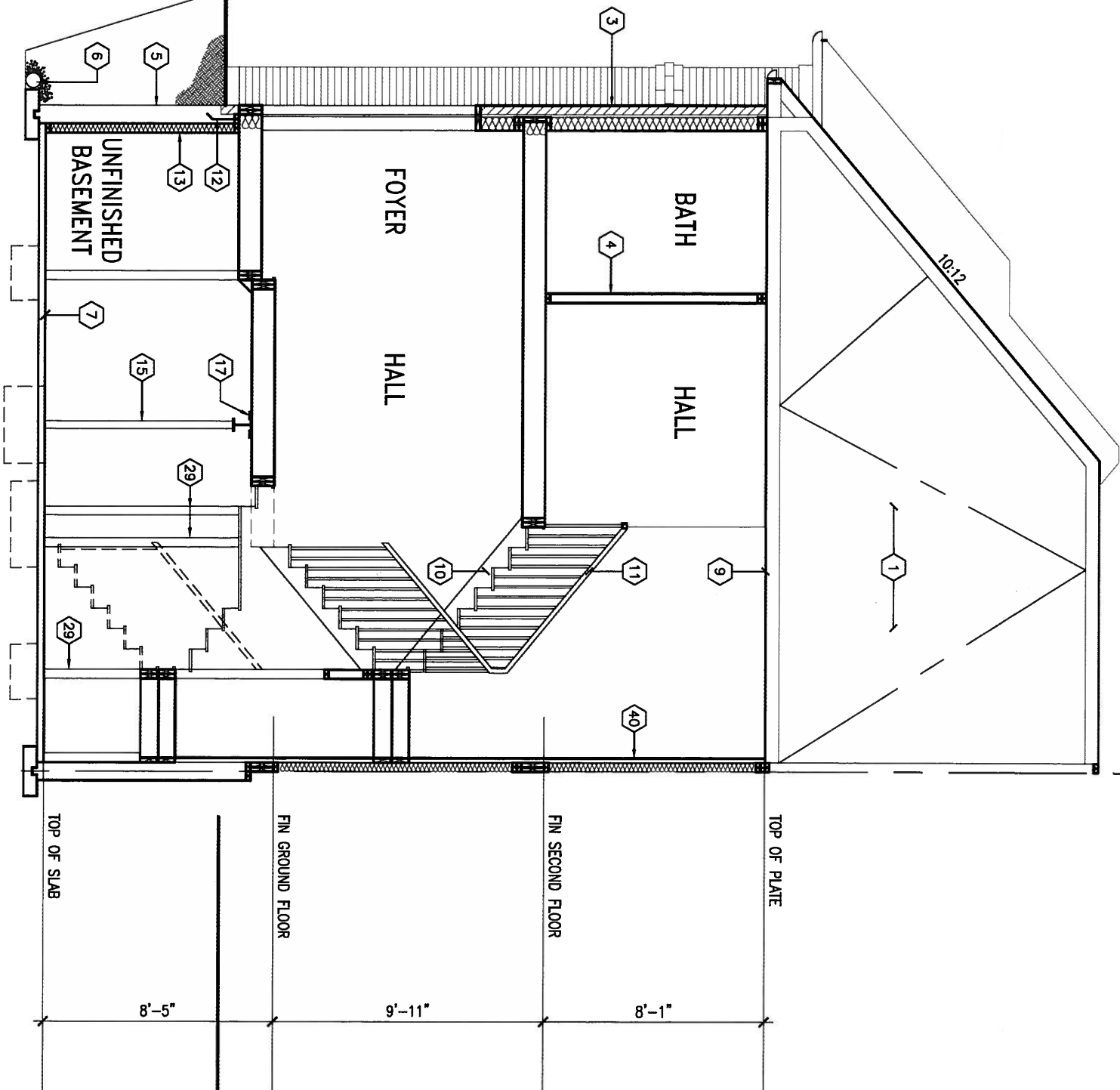
BAYVIEW WELLINGTON
project name
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municipality
BRADFORD, ON.
date
JULY 2014
drawn by
KK
checked by
-
scale
3/16" = 1'-0"

SD30-6C
SEDONA 6
project no.
13045
drawing no.
8R
file name
13045-SD30-6C

DETAIL THRU SLOPED CERAMIC FLOOR IN LAUNDRY



SECTION A-A



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qualification information

Wellington Jno-Baptiste 25591

name BCIN

registration information 42658

VAS Design Inc.

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VAS
DESIGN

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BAYVIEW WELLINGTON

project name
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date
JULY 2014

drawn by
KK

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-

scale
3/16" = 1'-0"

SD30-6C
SEDONA 6

SECTION A-A
13045-SD30-6C

project no.
13045

drawing no.
9R

CONSTRUCTION NOTES (Unless otherwise noted)

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

1. ROOF CONSTRUCTION

NO.210 (10.25kg/m²) ASPHALT SHINGLES, 10mm (3/8") PLYWOOD SHEATHING WITH "H" CLIPS. APPROVED WOOD TRUSSES @ 600mm (24") O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 900mm (3'-0") FROM EDGE OF ROOF AND MIN. 300mm (12") BEYOND INNER FACE OF EXTERIOR WALL. EAVES PROTECTION NOT REQ'D FOR ROOF SLOPES 8:12 OR GREATER. 38x89 (2"x4") TRUSS BRACING @ 1830mm (6'-0") O.C. AT BOTTOM CHORD. PREFIN. ALUM. EAVESTROUGH, FASCIA, RVL & VENTED SOFFIT. PROVIDE ICE & WATER SHIELD TO ALL ROOF/WALL SURFACES SUSCEPTIBLE TO ICE DAMMING. ROOF SHEATHING TO BE FASTENED 150 (6") c/c ALONG EDGES & INTERMEDIATE SUPPORTS WHEN TRUSSES SPACED GREATER THAN 406 (16"). ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH MIN. 25% AT EAVES & MIN. 25% AT RIDGE (OBC 9.19.1.2.).

2. FRAME WALL CONSTRUCTION (2"x6") (SB-12-TABLE 2.1.1.2.A)

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

2A. FRAME WALL CONSTRUCTION (2"x6") (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 MANUFACTURER'S SPECIFICATIONS OVER 25mm (1") MIN. EXPANDED OR EXTRUDED RIGID POLYSTYRENE ON APPROVED AIR/MOISTURE BARRIER ON 13mm (1/2") EXT. TYPE SHEATHING ON 38x89 (2"x4") STUDS @ 400 (16") O.C. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE.

2E. WALLS ADJACENT TO ATTIC SPACE - NO CLADDING

9.5mm (3/8") EXT. TYPE SHEATHING, 38x140 (2"x6") STUDS @ 400mm (16") O.C. INSULATION AND APPR. VAPOUR BARRIER AND APPR. CONTIN. AIR BARRIER, 13mm (1/2") INTERIOR DRYWALL FINISH. MID-HEIGHT BLOCKING REQ'D. IF NO SHEATHING APPLIED. REFER TO OBC SB-12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION.

3. BRICK VENEER CONSTRUCTION (2"x6") (SB-12-TABLE 2.1.1.2.A)

90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x9"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. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.

3A. BRICK VENEER CONSTRUCTION (2"x6") (R2B)

90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x9"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"x9"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 MANUFACTURER'S 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"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 DAMPPROOFING AND DRAINAGE LAYER. DRAINAGE LAYER REQ'D. WHEN BASEMENT INSUL. EXTENDS 900 (2'-11") BELOW FIN. GRADE. DRAINAGE LAYER IS NOT REQ'D. WHEN FDN. WALL IS WATERPROOFED. MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500x155 (20"x6") CONTINUOUS KEYED CONC. FIG. 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 1/8") MIN. 25MPa (3600psi) CONC. SLAB ON 100mm (4") COARSE GRANULAR FILL, OR 20MPa (3000psi) CONC. WITH DAMPPROOFING BELOW SLAB, UNDER SLAB INSULATION PER SB-12. ALL SLAB JOINTS & PENETRATIONS TO BE CAULKED.

8. EXPOSED FLOOR TO EXTERIOR (SB-12-TABLE 2.1.1.2.A)

PROVIDE RSI 5.46 (R31) INSULATION, APPROVED VAPOUR BARRIER AND CONTINUOUS AIR BARRIER, FINISHED SOFFIT.

9. ATTIC INSULATION (SB-12-TABLE 2.1.1.2.A) (SB-12-2.1.1.7)

RSI 8.81 (RS0) BLOWN IN ROOF INSULATION AND APPROVED VAPOUR BARRIER, 16mm (5/8") INT. DRYWALL FINISH OR APPROVED EQUAL, RSI 3.52 (R20) MIN. ABOVE INNER SURFACE OF EXTERIOR WALL

10. ALL STAIRS/EXTERIOR STAIRS -OBC 9.8.-

UNIFORM RISE -5mm (1/4") MAX BETWEEN ADJACENT TREADS OR LANDINGS -10mm (1/2") MAX BETWEEN TALLEST & SHORTEST RISE IN FLIGHT
MAX. RISE = 200 (7'-7/8")
MIN. RUN = 210 (8'-1/4")
MIN. TREAD = 235 (9'-1/4")
MAX. NOSING = 25 (1")
MIN. HEADROOM = 1950 (6'-5")
RAIL @ LANDING = 900 (2'-11")
RAIL @ STAIR = 865 (2'-10") TO 965 (3'-2")
MIN. STAIR WIDTH = 860 (2'-10")
FOR CURVED STAIRS
MIN. RUN = 150 (6")
MIN. AVG. RUN = 200 (8")

HANDRAILS -OBC 9.8.7.-

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

INTERIOR GUARDS -OBC 9.8.8.-

INTERIOR GUARDS: 900mm (2'-11") MIN. HIGH
EXTERIOR GUARDS - OBC 9.8.8.
900mm (36") HIGH GUARD WHERE DISTANCE FROM PORCH TO FIN. GRADE IS LESS THAN 1800mm (71"). 1070mm (42") HIGH GUARD IS REQUIRED WHERE DISTANCE EXCEEDS 1800mm (71").

SHI. 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-12-2.1.1.6), 9.25.2.3, 9.13.2.6)

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

BEARING STUD PARTITION

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

STEEL BASEMENT COLUMN (SEE O.B.C. 9.15.3.3)

89mm (3-1/2") DIA x 3.0mm (0.118) SINGLE WALL TUBE TYPE 2 ADJUSTABLE STL. COL. W/ MIN. CAPACITY OF 71.2KN (16,000lbs.) AT A MAX. EXTENSION OF 2318mm (7'-7 1/2") CONFORMING TO CAN/CESG-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.

STEEL BASEMENT COLUMN (SEE O.B.C. 9.15.3.3)

89mm (3-1/2") DIA x 4.78mm (1.88) FIXED STL. COL. WITH 150x150x9.5 (6"x6"x3/8") STL. TOP & BOTTOM PLATE ON 1070x1070x460 (42"x42"x18") CONC. FOOTING ON UNDISTURBED SOIL OR ENGINEERED FILL CAPABLE OF SUSTAINING A PRESSURE OF 150 Kpa. MIN. AND AS PER SOILS REPORT.

STEEL COLUMN

90mm (3-1/2") DIA x 4.78mm (1.88) NON-ADJUSTABLE STL. COL. TO BE ON 150x150x9.5 (6"x6"x3/8") STEEL TOP PLATE, & BOTTOM PLATE. BASE PLATE 120x250x12.5 (4 1/2"x10"x1/2") WITH 2-12mm DIA. x 300mm LONG x50mm HOOK ANCHORS (2-1/2"x1/2"x2") FIELD WELD COL. TO BASE PLATE.

BEAM POCKET OR 300x150 (12"x6") POURED CONC. NIB WALLS. MIN. BEARING 90mm (3-1/2")

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

GARAGE SLAB

100mm (4") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON OPT. 100 (4") COARSE GRANULAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL. SLOPE TO FRONT.

GARAGE CEILINGS/INTERIOR WALLS

13mm (1/2") GYPSUM BOARD ON WALL AND CEILING BETWEEN HOUSE AND GARAGE. TAPE AND SEAL ALL JOINTS AIRTIGHT PER O.B.C. 9.10.9.16. REFER TO SB-12, TABLE 2.1.1.2.A. FOR REQUIRED THERMAL INSULATION.

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

EXTERIOR STEP

PRECAST CONCRETE STEP OR WOOD STEP WHERE NOT EXPOSED TO WEATHER. MAX. RISE 200mm (7-7/8") MIN. TREAD 250mm (9-1/2"). SEE OBC 9.8.9.2., 9.8.9.3. & 9.8.10.

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)

INSULATED ATTIC ACCESS (OBC-9.18.2.1. & 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.

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 OBC. 9.32.3.5. & 9.32.3.10.

STEEL BEARING PLATE FOR MASONRY WALLS

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

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).

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.

STEPPED FOOTINGS OBC 9.15.3.9.

MIN. HORIZ. STEP = 600mm (24")
MAX. VERT. STEP = 600mm (24")

SLAB ON GRADE

MIN. 100mm (4") CONCRETE SLAB ON GRADE ON 100mm (4") COARSE GRANULAR FILL. REINFORCED WITH 6x6-W2.9xW2.9 MESH PLACED NEAR MID-DEPTH OF SLAB. CONC. STRENGTH 32 MPa (4640 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.

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.

DIRECT VENTING GAS FIREPLACE VENT

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

SUBFLOOR JOIST STRAPPING AND BRIDGING

16mm (5/8") T & G SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERAMIC TILE APPLICATION (* SEE OBC 9.30.6. *) 6mm (1/4") PANEL TYPE UNDERLAY UNDER RESILIENT & PARQUET FLOORING. (* SEE OBC 9.30.2. *)

FLOOR JOISTS WITH SPANS OVER 2100mm (6'-11") TO BE BRIDGED WITH 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. *)

EXPOSED BUILDING FACE OBC 9.10.15. & SB-2-2.3.5.(2)

EXTERIOR WALLS TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 min. WHERE LIMITING DISTANCE (LD) IS LESS THAN 1.2M (3'-11"). WHERE THE LD IS LESS THAN 600mm (1'-11") THE EXPOSING FACE SHALL BE CLAD IN NON-COMBUSTIBLE MATERIAL. SEE ELEVATIONS FOR ADDITIONAL NOTES. OFFENDING GARAGE WALLS INCLUDED.

COLD CELLAR PORCH SLAB (OBC 9.40.)

FOR MAX. 2500mm (8'-2") PORCH DEPTH (SHORTEST DIM.), 150mm (6") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT. REINF. WITH 10M BARS @ 200mm (7 7/8") 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. WALL. PROVIDE (L7) LINTEL 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.

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 UNOBSSTRUCTED 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.(1)(i). SEE DETAIL.

5) ALL EXTERIOR DOORS TO COMPLY WITH THERMAL RESISTANCE AS STATED IN O.B.C. SB-12-2.1.1.9.

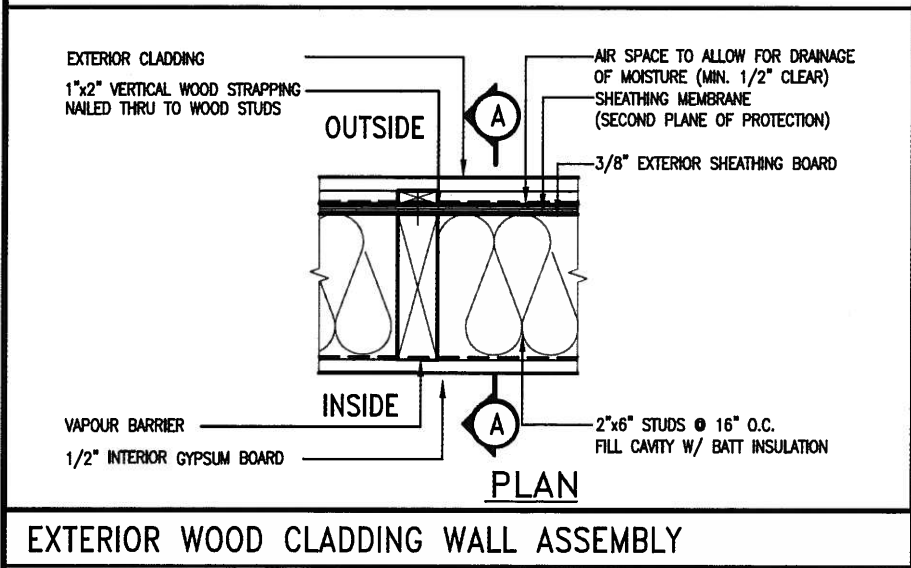
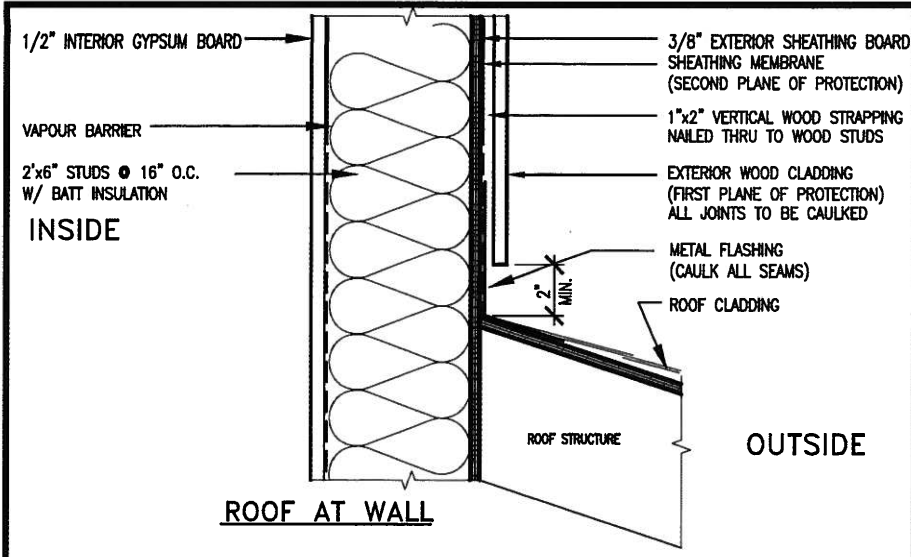
6) ALL AIR BARRIER SYSTEMS ARE REQUIRED TO COMPLY WITH O.B.C. DIV.-8 9.25.3.

LUMBER:

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

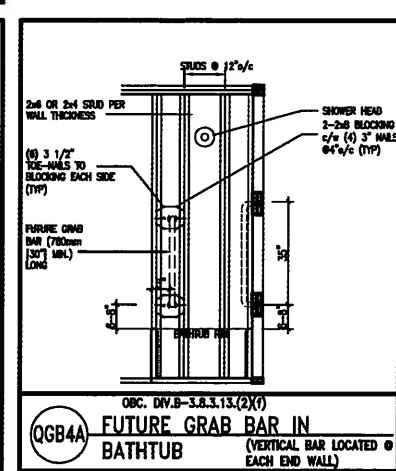
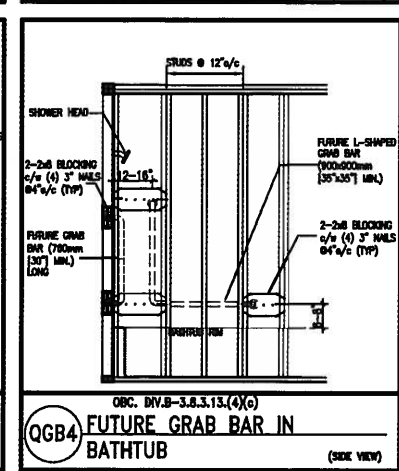
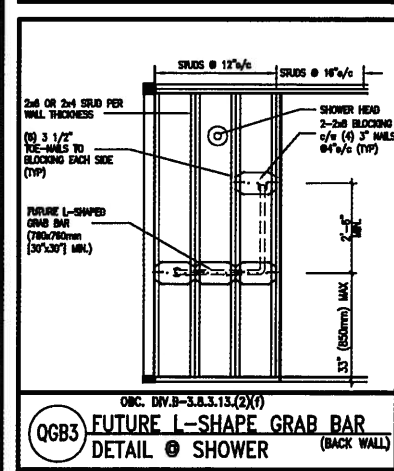
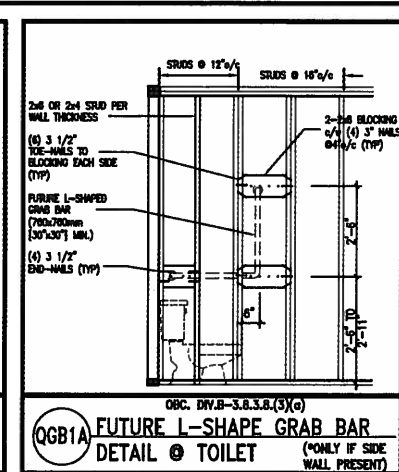
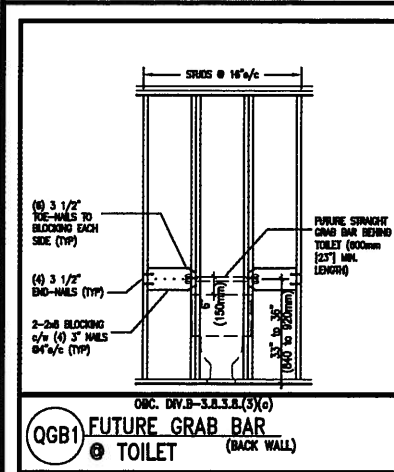
2) STUDS SHALL BE STUD GRADE SPRUCE, UNLESS NOTED OTHERWISE.

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



EXTERIOR WOOD CLADDING WALL ASSEMBLY

STUD WALL REINFORCEMENT FOR FUTURE GRAB BARS IN MAIN BATHROOM
 REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATER CLOSETS AND SHOWER OR BATHTUB IN MAIN BATHROOM.
 FUTURE GRAB BARS TO BE MOUNTED TO RESIST HORIZ. AND VERT. LOADS OF 1.3 KN (300 lb)
 REFER TO OBC, DIV. B- 9.5.2.3, WATER CLOSET 3.8.3.8.(3)(c) & 3.8.3.8.(3)(c), SHOWER 3.8.3.13.(2)(f), BATHTUB & 3.8.3.13.(4)(c), AND DETAILS PROVIDED.



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

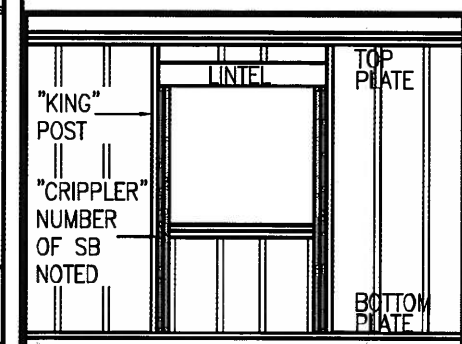
NOTES:
 1. FOR ROOF DESIGN SNOW LOAD OF 2.5 KPa.
 2. SUPPORTED ROOF TRUSS LENGTH OF 6.0m AND FLOOR JOIST LENGTH OF 2.5m OF ONE FLOOR.
 3. PROVIDE HORIZONTAL SOLID BLOCKING @ 1200 O.C. (4'-0")
 4. PROVIDE A MINIMUM OF 9.5mm (3/8") PLYWOOD OR OSB EXTERIOR SHEATHING ON THE EXTERIOR FACE.
 5. FOR A 1/50 YEAR REFERENCE WIND PRESSURE OF 0.6 KPa.
 6. STUDS GREATER THAN 9'-10" HIGH TO BE No. 2 SPF.
 7. 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:
 1. FOR ROOF DESIGN SNOW LOAD OF 2.5 KPa
 2. SUPPORTED ROOF TRUSS LENGTH OF 6.0m ONLY.
 3. PROVIDE HORIZONTAL SOLID BLOCKING @ 1200 O.C. (4'-0")
 4. PROVIDE A MINIMUM OF 9.5mm (3/8") PLYWOOD OR OSB EXTERIOR SHEATHING ON THE EXTERIOR FACE AND 12.5mm (1/2") GYPSUM BOARD ON THE INTERIOR FACE.
 5. WALL FRAMING SHALL CONFORM TO OBC 9.23.10.1.(2)
 6. FOR A 1/50 YEAR REFERENCE WIND PRESSURE OF 0.6 KPa
 7. STUDS GREATER THAN 9'-10" HIGH TO BE No. 2 SPF.
 8. STUD SPECIFICATION IS SUITABLE FOR BRICK VENEER OR SIDING.

**** STUD INFORMATION TAKEN FROM OBC TABLE A-30**



"CRIPPLE" DETAIL



APR 20, 2015

9			
8			
7			
6			
5			
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3			
2	UPDATE TO CODE	APR 16-15 RC	
1	ISSUE FOR CLIENT REVIEW	MAY 07-14 RC	

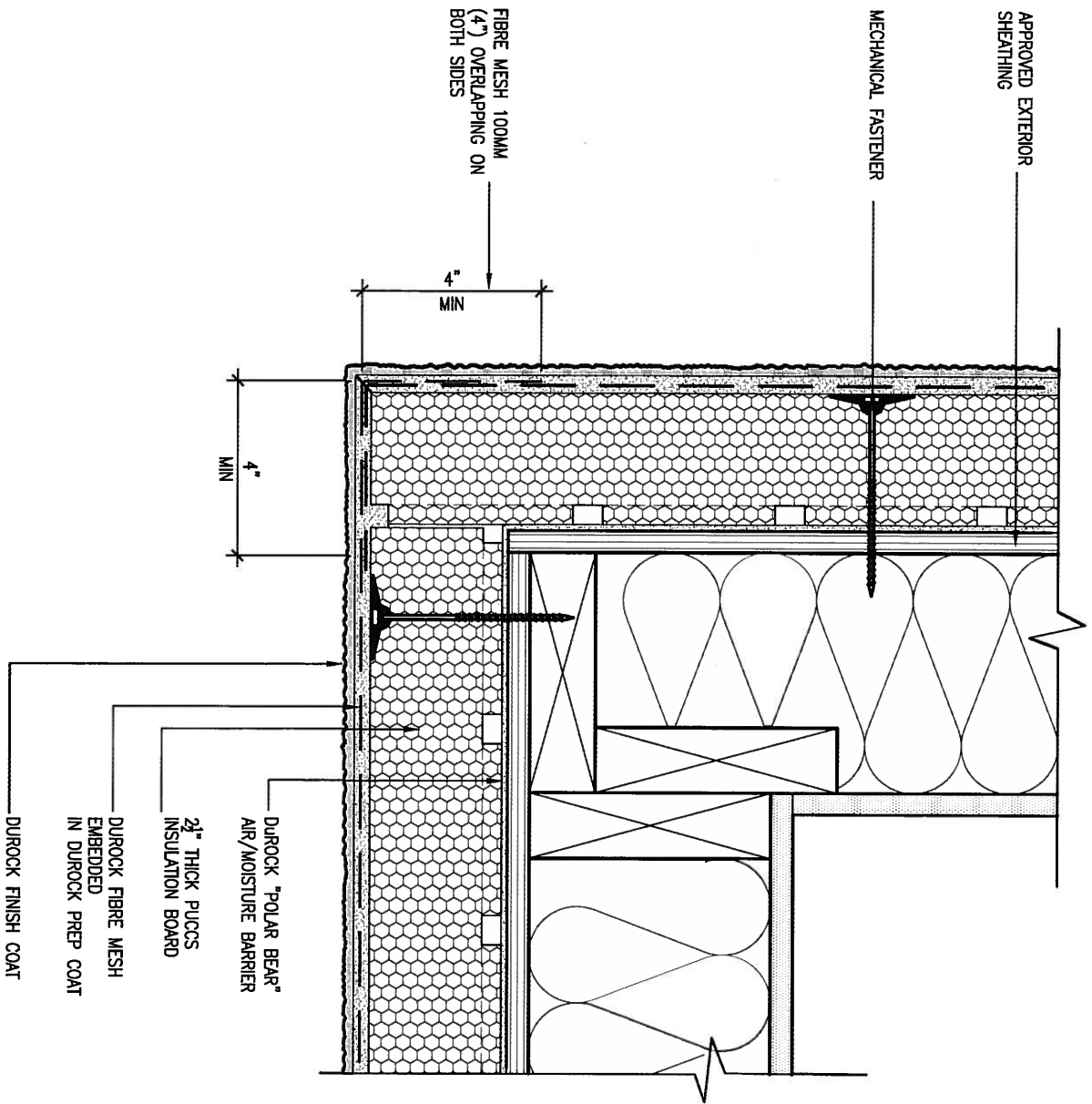
The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.

qualification information
 Wellington Jno-Baptiste 25591
 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.

VA3 DESIGN
 300A Wilson Avenue
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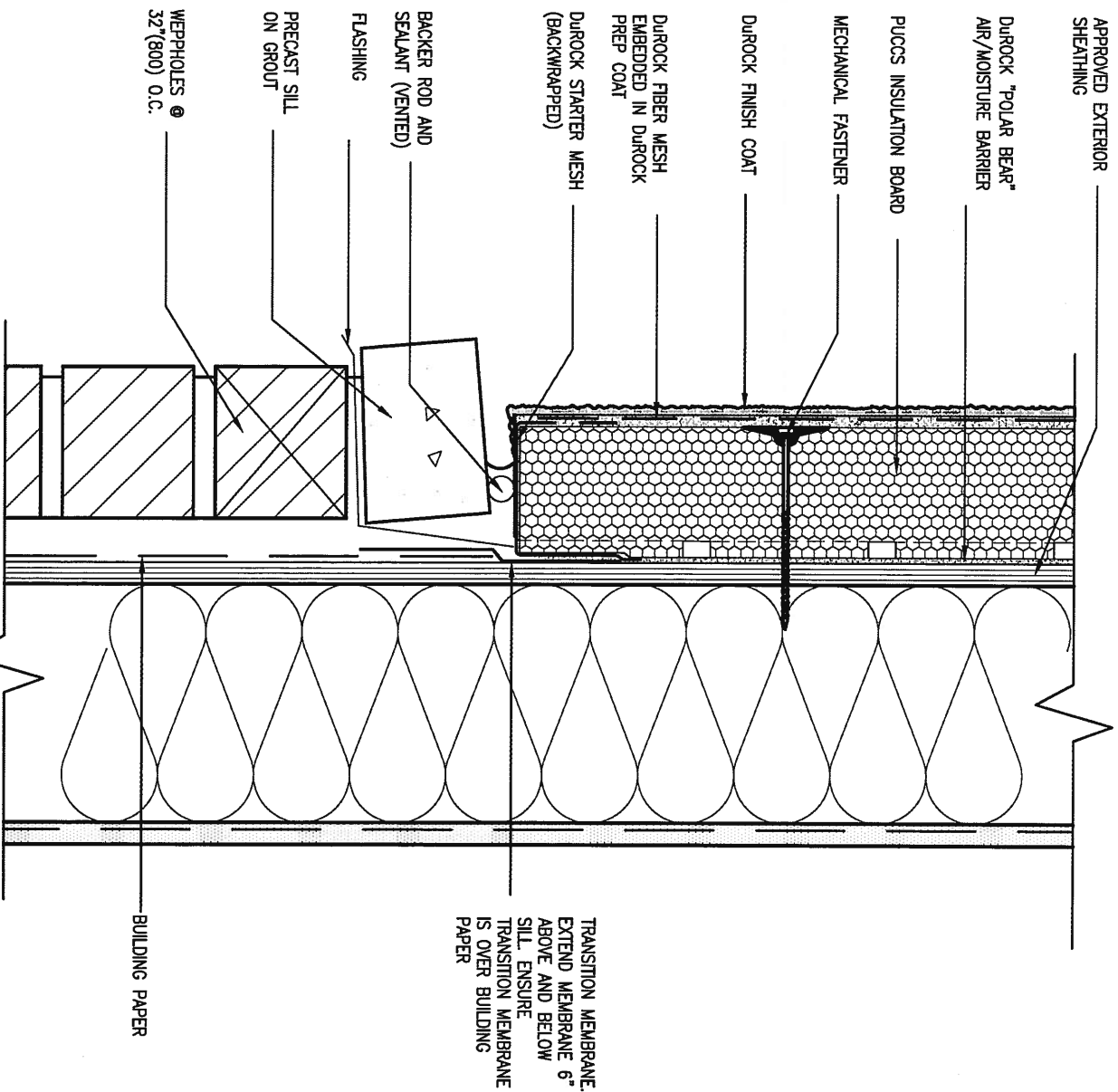
BAYVIEW WELLINGTON		CONST NOTE	
project name GREEN VALLEY ESTATES	municipality BRADFORD	project no. 13045	
date APR 2014	checked by RC	scale 3/16" = 1'-0"	CONSTRUCTION NOTES
drawn by RC		file name 13045-CONST-OBC 2015	drawing no. CN2



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"

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

The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.			
qualification information			
Wellington Jno-Baptiste		2559	
name		BCN	
registration information			
VA3 Design Inc.		42658	
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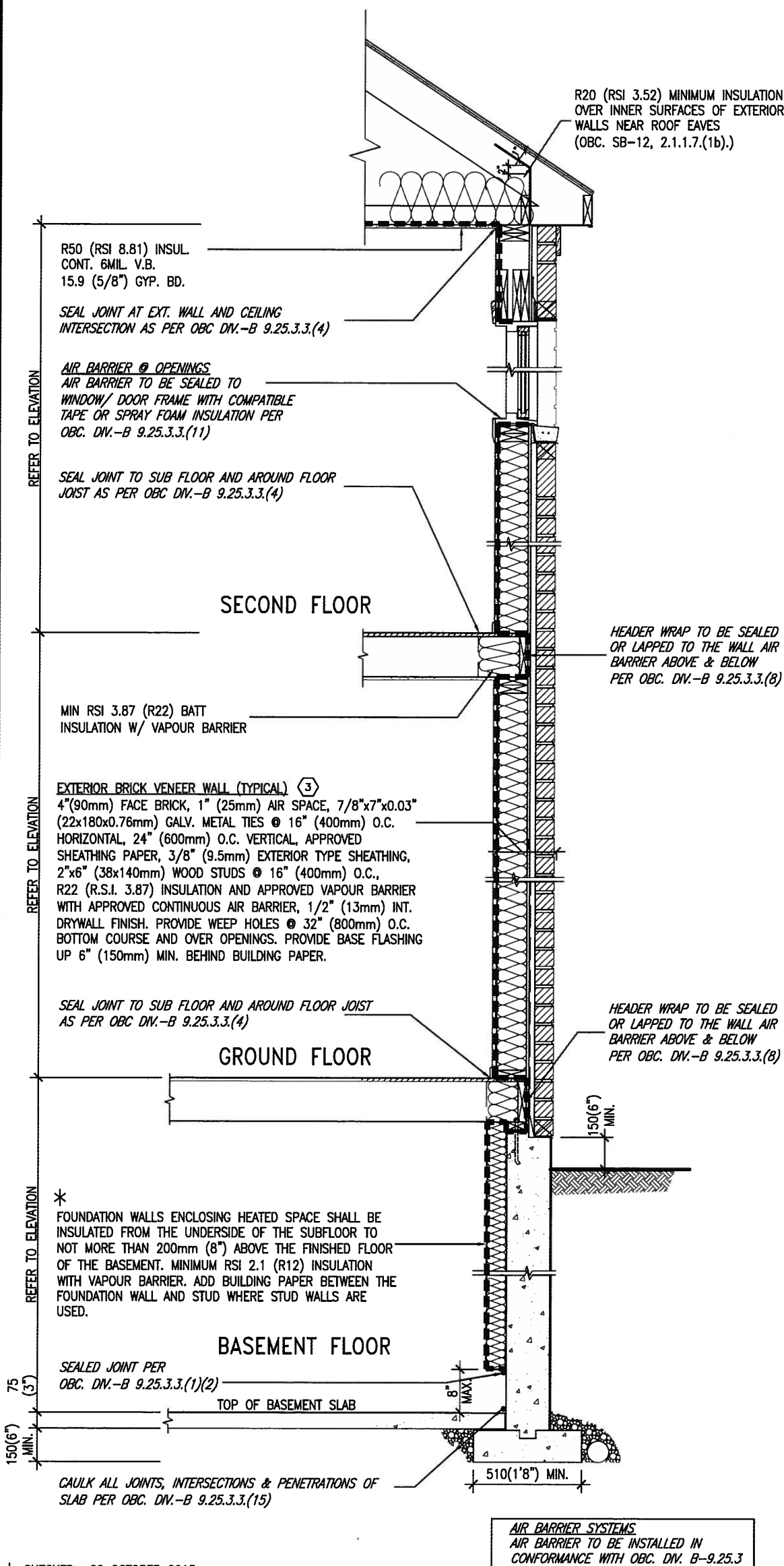
VA3
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300A Wilson Avenue
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BAYVIEW WELLINGTON

CONST NOTE

project name	GREEN VALLEY ESTATES	municipality	BRADFORD	project no.	13045
date	APR 2014	checked by		scale	3/16" = 1'-0"
drawn by	RC	checked by		scale	3/16" = 1'-0"
CONSTRUCTION NOTES				drawing no.	CN5
				file name	13045-CONST-OBC 2015

SB12-COMPLIANCE PACKAGE 'J'



* CHECKED- 22 OCTOBER 2013

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

SEMI & SINGLES ONLY

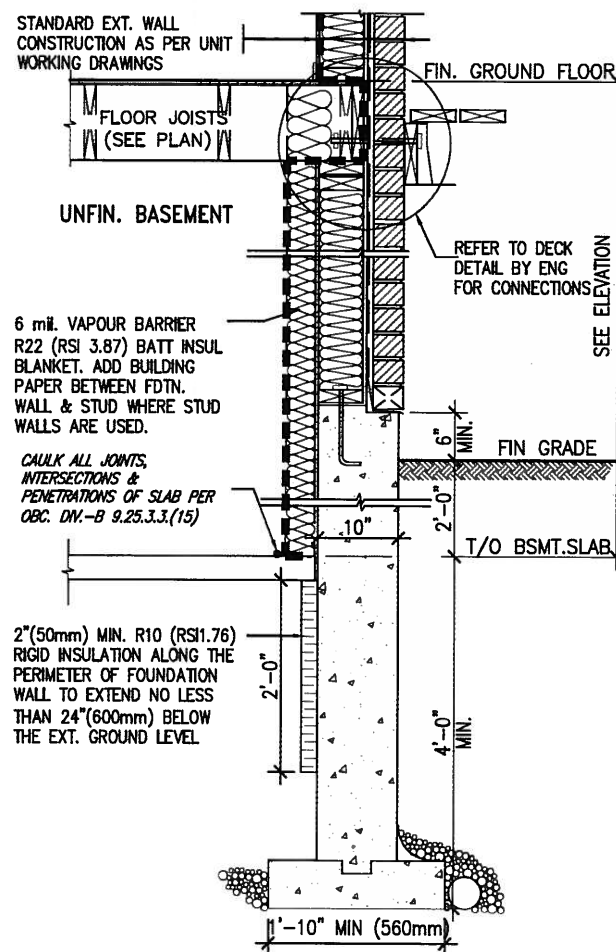
THE MINIMAL THERMAL PERFORMANCE OF BUILDING ENVELOPE AND EQUIPMENT SHALL CONFORM TO THE FOLLOWING SB-12 COMPLIANCE PACKAGE AS PER OBC SUPPLEMENTARY STANDARD SB-12, SECTION 2.1.1.1

USE SB-12 COMPLIANCE PACKAGE (J):

COMPONENT	J	Notes:
Ceiling with Attic Space Minimum RSI (R) value	8.81 (R50)	BLOWN -LOOSE
Ceiling without Attic Space Minimum RSI (R) value	5.46 (R31)	BATT or SPRAY
Exposed Floor Minimum RSI (R) value	5.46 (R31)	BATT or SPRAY
Walls Above Grade Minimum RSI (R) value	3.87 (R22)	6" R22 BATT
Basement Walls Minimum RSI (R) value	2.11 (R12)	4" R12 BLANKET
Edge of Below Grade Slab ≤600mm below grade Minimum RSI (R) value	1.76 (R10)	RIGID INSUL.
Windows & Sliding glass Doors Maximum U-value	1.8	DOUBLE PANE LOW EMISSMITY
Skylights Maximum U-value	2.8	DOUBLE PANE LOW EMISSMITY
Space Heating Equipment Minimum AFUE	94%	NATURAL GAS
Hot Water Heater Minimum EF	0.67	NATURAL GAS
HRV Minimum Efficiency	60%	-



APR 20, 2015



* REVISED- 15 MARCH 2013

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

9					
8					
7					
6					
5					
4					
3					
2	UPDATE TO CODE	APR 16-15	RC		
1	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC		

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name registration information BCN
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300A Wilson Avenue
Toronto ON M3H 1S8
t 416.630.2255 f 416.630.4782

BAYVIEW WELLINGTON

CONST NOTE

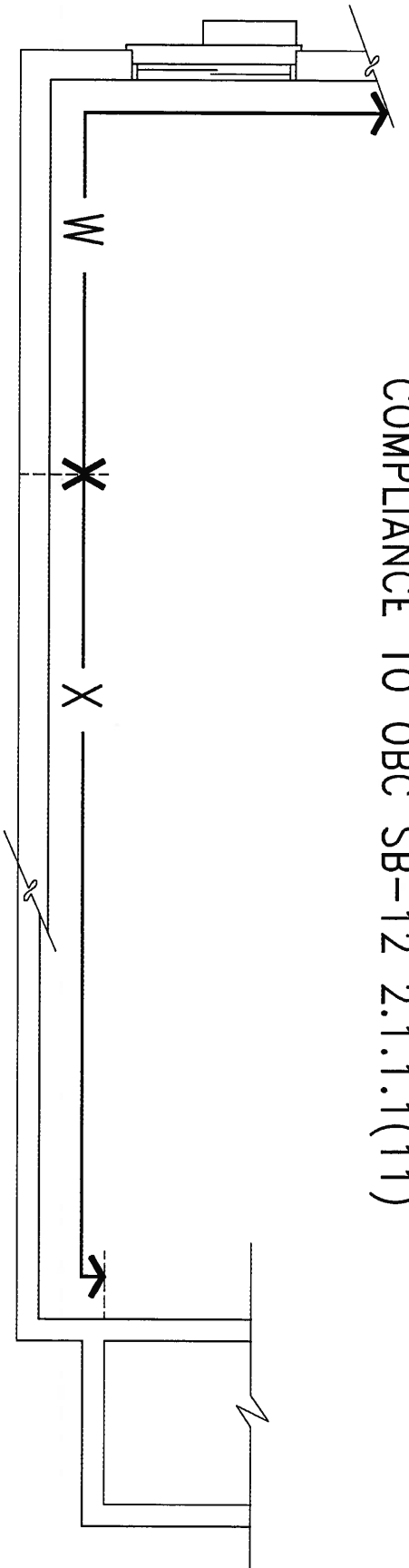
project name GREEN VALLEY ESTATES	municipality BRADFORD	project no. 13045
date APR 2014	checked by RC	scale 3/16" = 1'-0"
drawn by RC	CONSTRUCTION NOTES	drawing no. CN6
	13045-CONST-OBC 2015	

COMPLIANCE TO OBC SB-12 2.1.1.1(11)

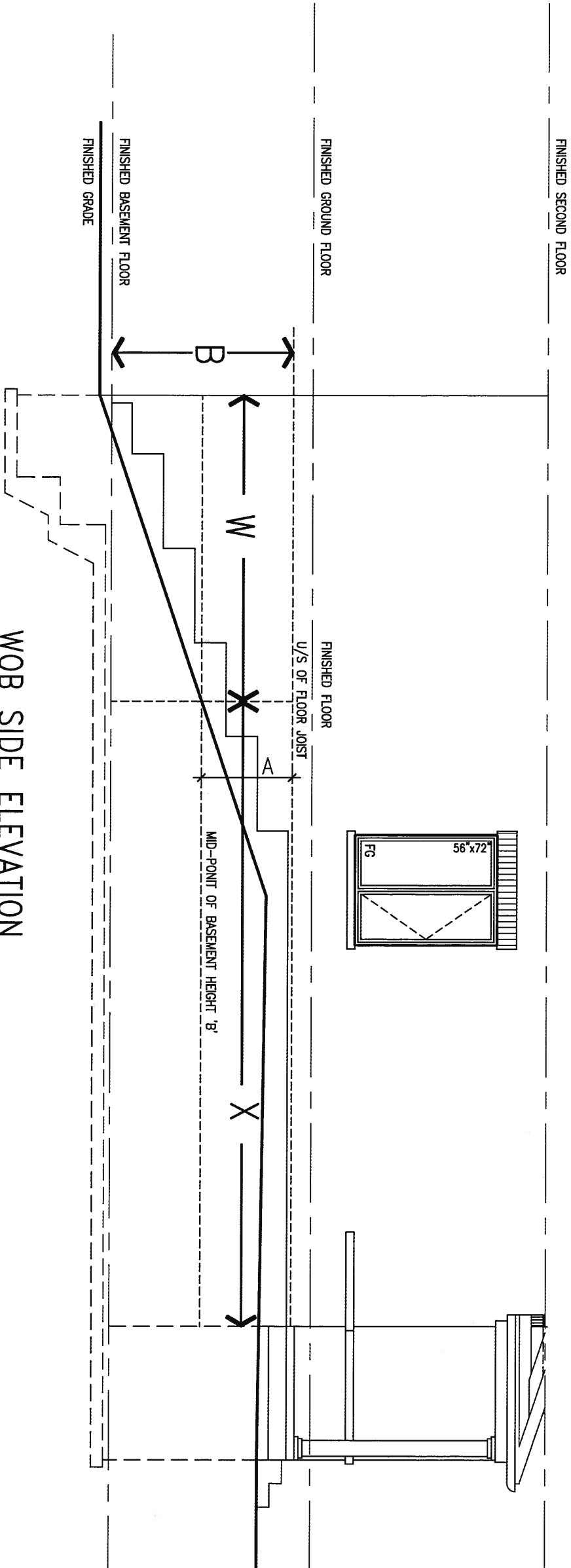


APR 20, 2015

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

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8	.	.	.
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4	.	.	.
3	.	.	.
2	UPDATE TO CODE	APR 16-15	RC
1	ISSUE FOR CLIENT REVIEW	MAY 07-14	RC

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

qualification information
Wellington Jno-Baptiste 25591
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 conclusion of the work.

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

BAYVIEW WELLINGTON

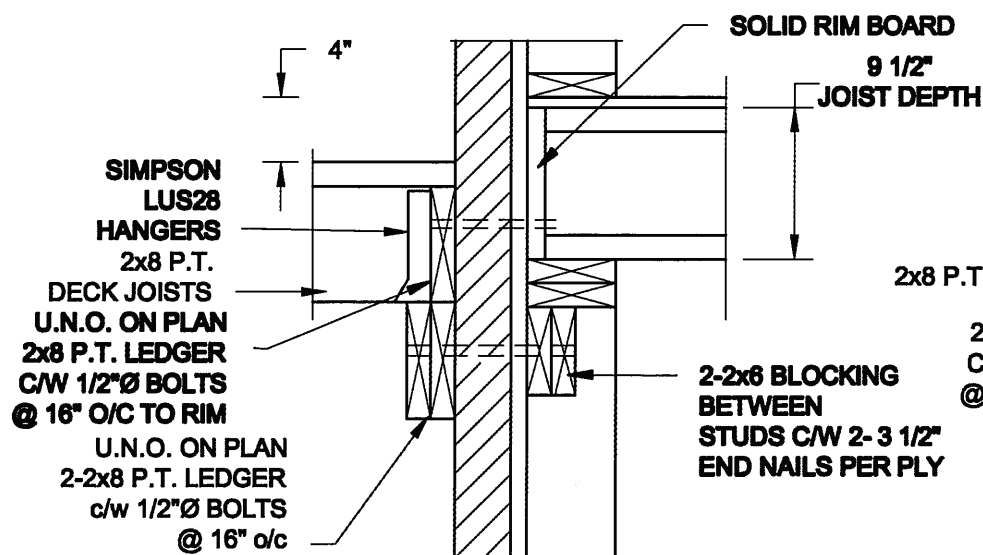
CONST NOTE

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

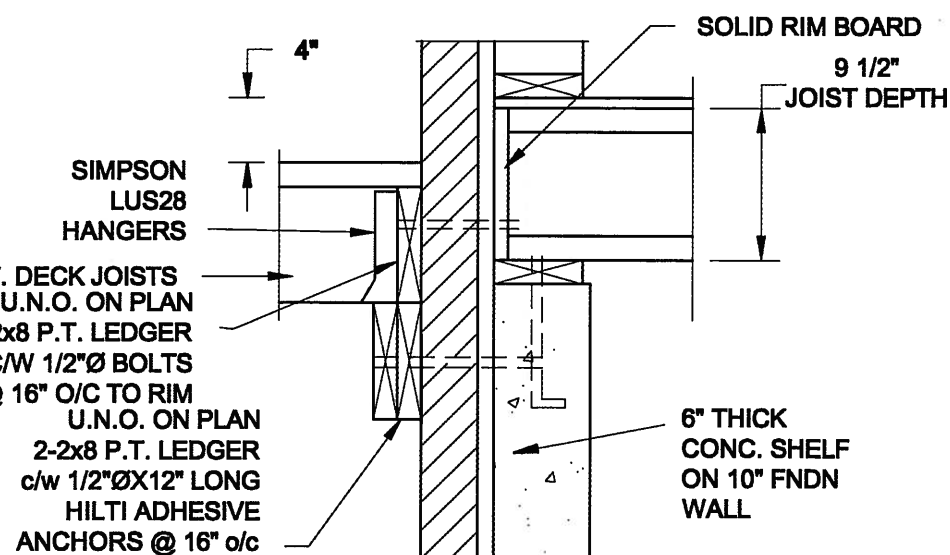
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file name
13045-CONST-OBC 2015

project no.
13045
drawing no.
CN7

FOR 9 1/2" JOIST DEPTH



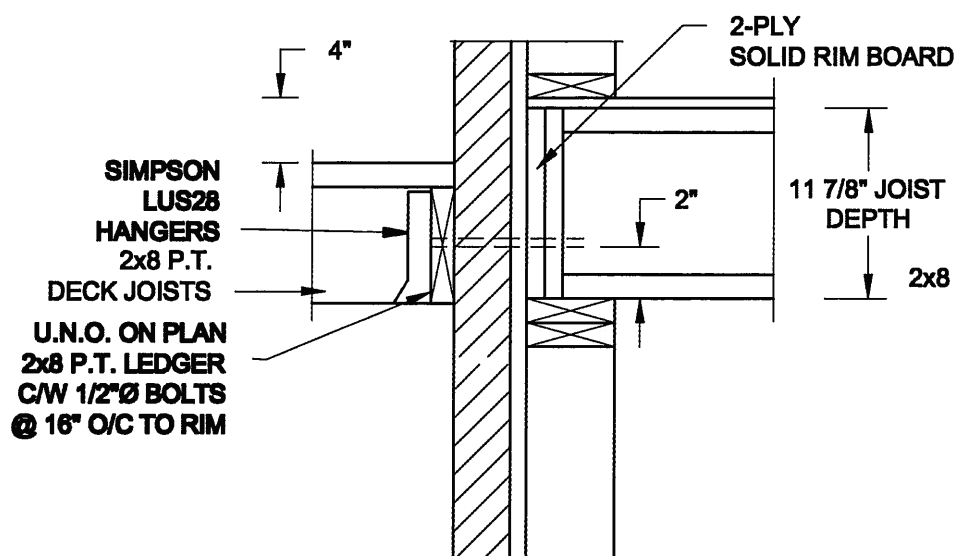
1A DECK FASTENING DETAIL
S2 SCALE: 1" = 1'-0"



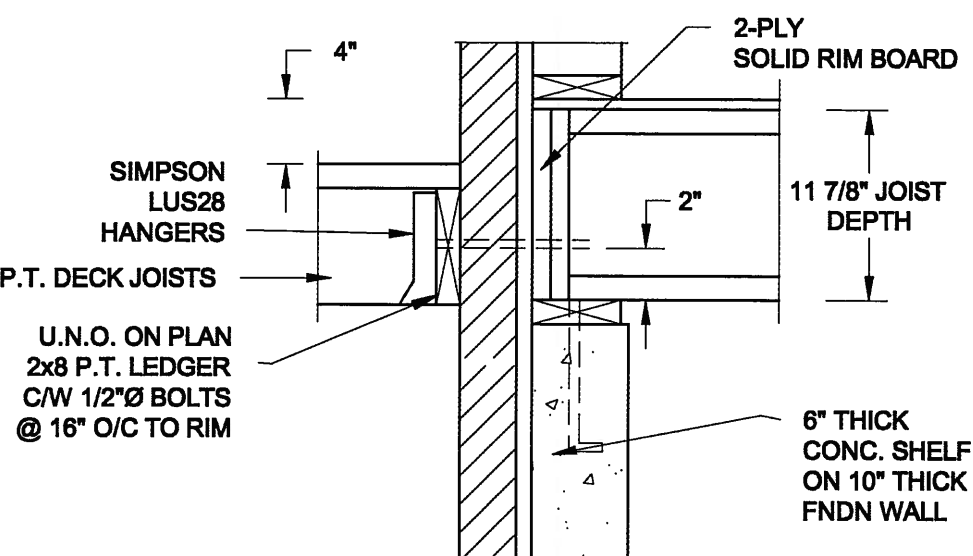
1B DECK FASTENING DETAIL
S2 SCALE: 1" = 1'-0"

- 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

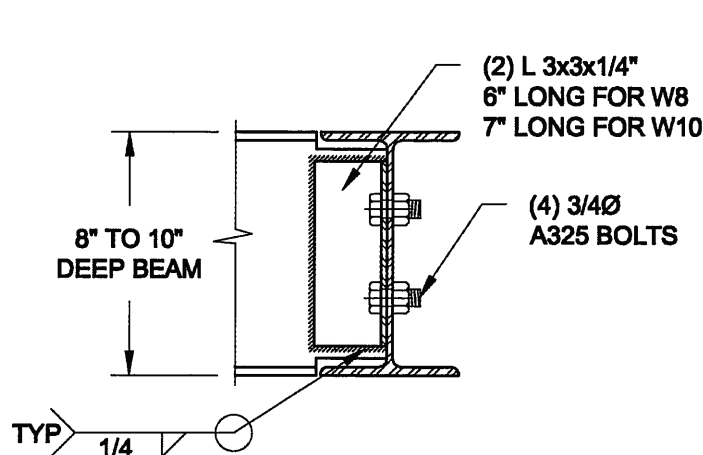


2A DECK FASTENING DETAIL
S2 SCALE: 1" = 1'-0"

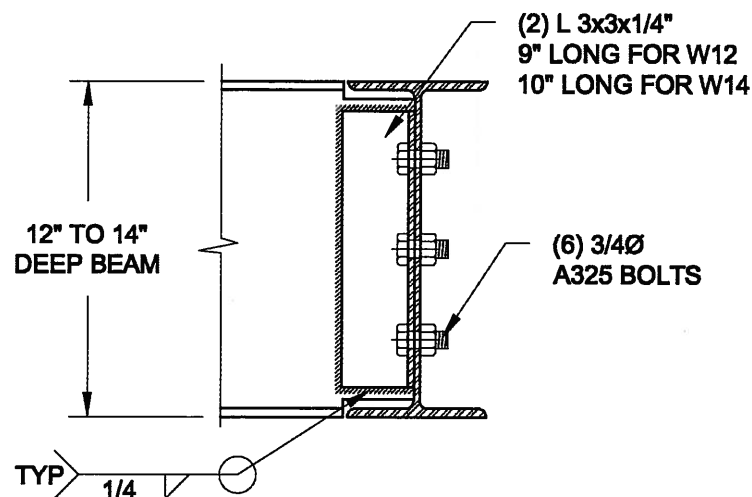


2B DECK FASTENING DETAIL
S2 SCALE: 1" = 1'-0"

- 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 (W360x72) BEAM MAX.

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

Scale:	AS NOTED
Date:	MAY-27-2014
Drawn:	SC
Checked:	SJB

QUAILE ENGINEERING LTD.



38 Parkside Drive, UNIT 7
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E: quaile.eng@rogers.com

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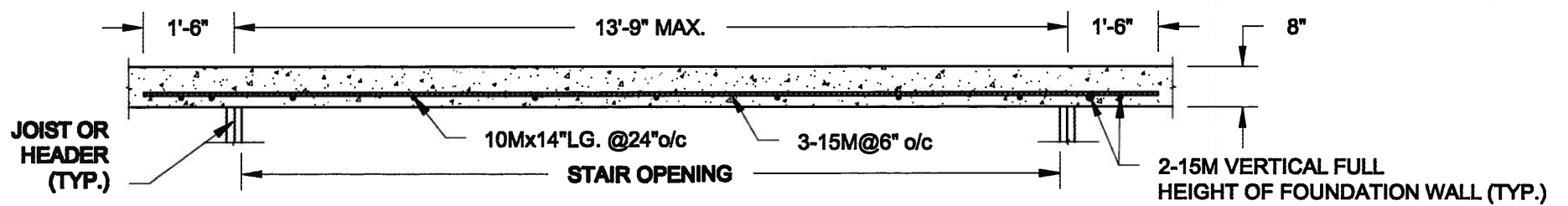
APR 20, 2015

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

TYPICAL STRUCTURAL DETAILS

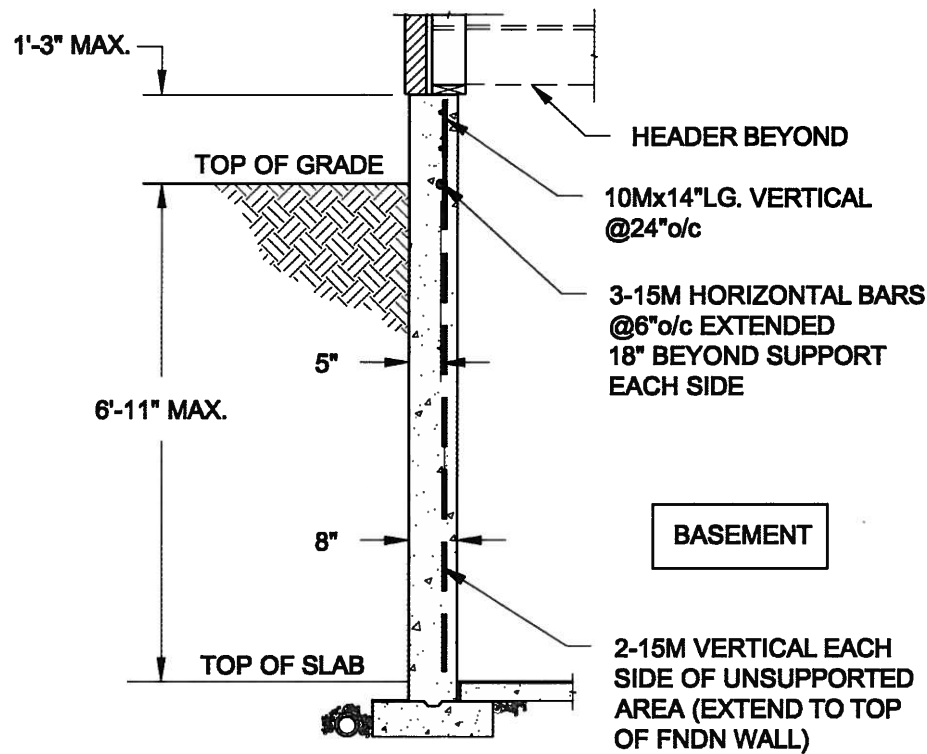
Project No.: 14-096

Drawing No.: S2



PLAN VIEW

NOT TO SCALE

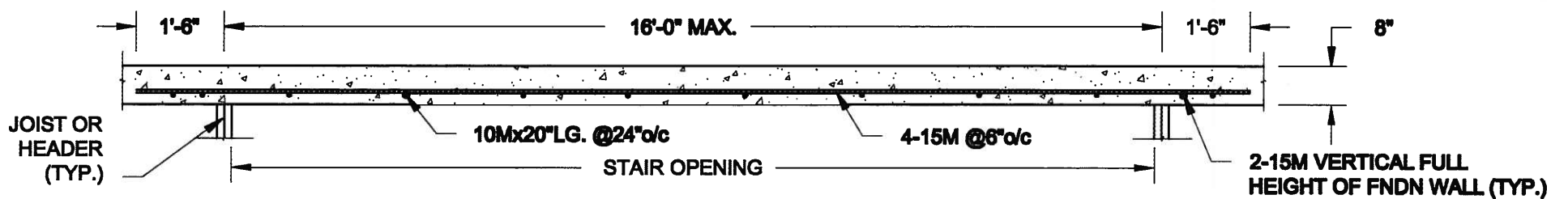


NOTE:

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

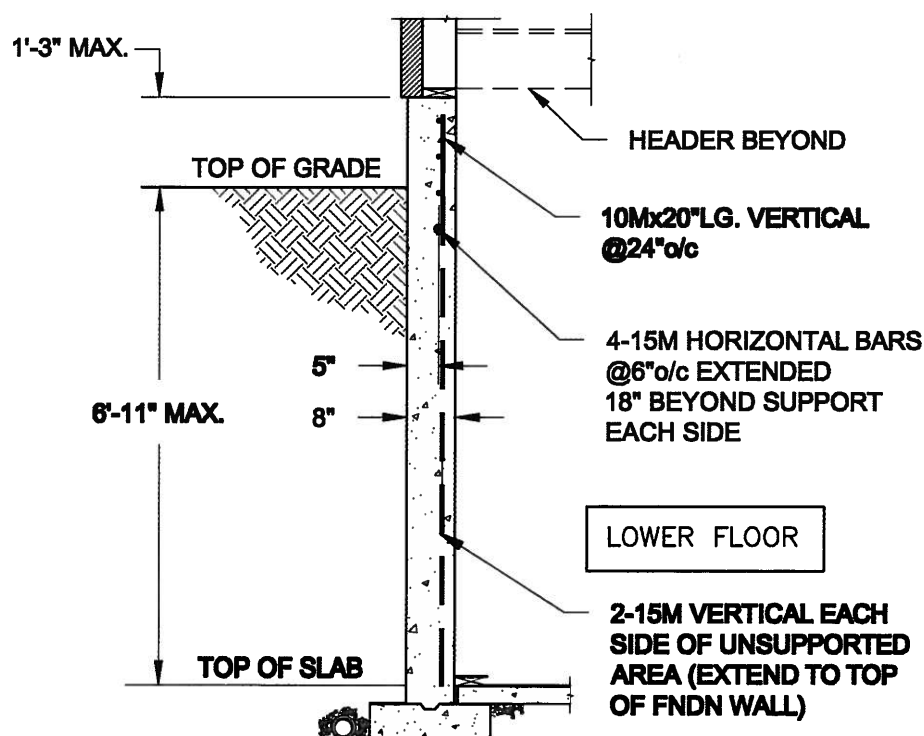
1A LATERALLY UNSUPPORTED WALL

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



PLAN VIEW

NOT TO SCALE



NOTE:

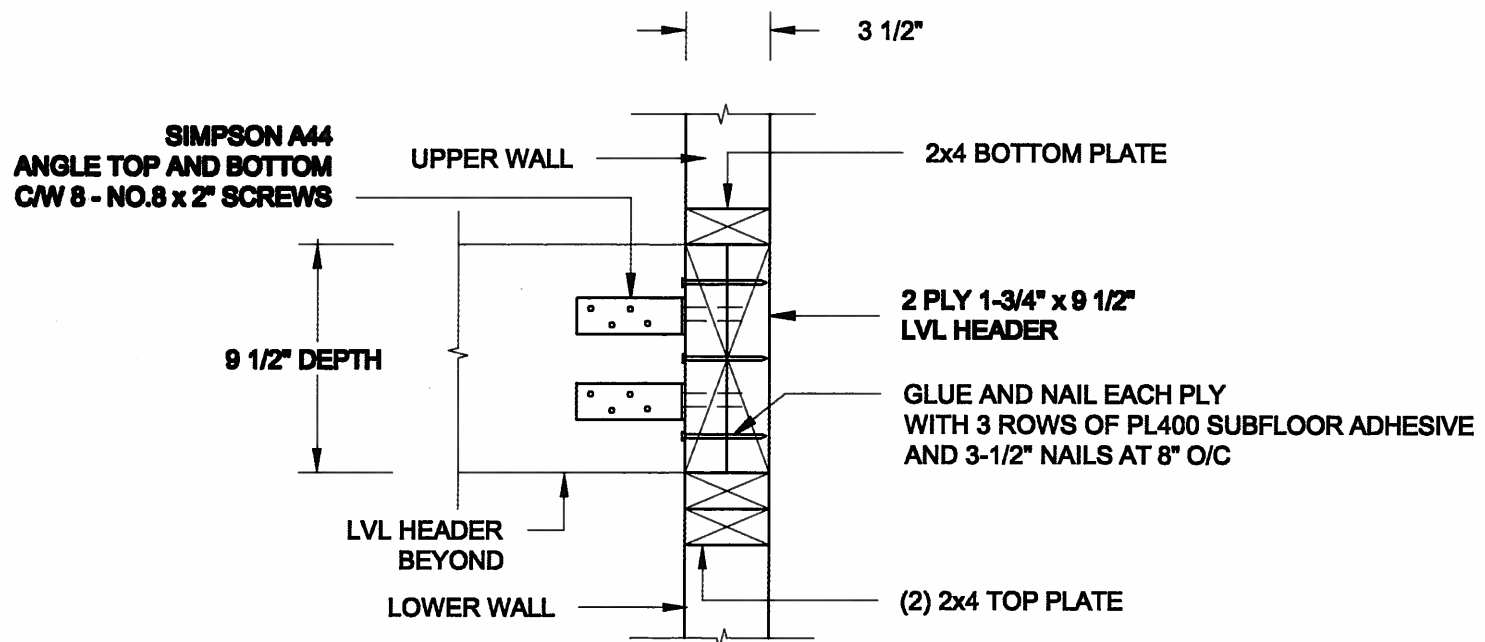
1. CONFORM TO ONTARIO BUILDING CODE, 2012.
2. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE 15 MPa. MIN.
3. REINFORCING STEEL TO BE GRADE 400.

1B LATERALLY UNSUPPORTED WALL

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

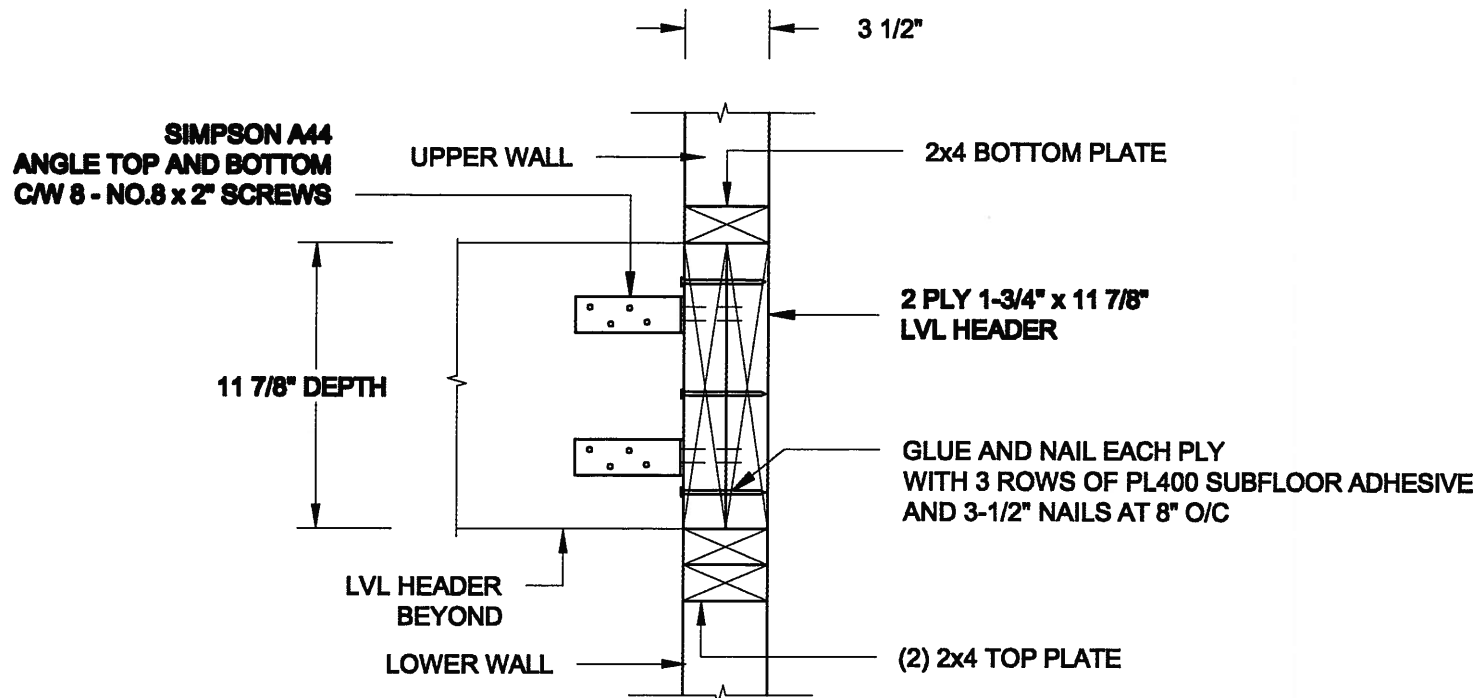
Scale: AS NOTED	QUAILE ENGINEERING LTD.  38 Parkside Drive, UNIT 7 Newmarket, ON L3Y 8J9 T: 905-853-8547 E: quaile.eng@rogers.com	Engineer's Seal  APR 20, 2015	Project: BAYVIEW WELLINGTON HOMES - GREEN VALLEY BRANS PROJECT BRADFORD, ONTARIO	
Date: MAY-27-2014			TYPICAL STRUCTURAL DETAILS	
Drawn: SC	Checked: SJB	Project No.: 14-096		Drawing No.: S1

FOR 9 1/2" JOIST DEPTH



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

FOR 11 7/8" JOIST DEPTH



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

Scale:
AS NOTED

Date:
MAY-27-2014

Drawn:
SC

Checked:
SJB

QUAILE ENGINEERING LTD.



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APR 20, 2015

Project:

BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT
BRADFORD, ONTARIO

TYPICAL STRUCTURAL DETAILS

Project No.:

14-096

Drawing No.:

S3