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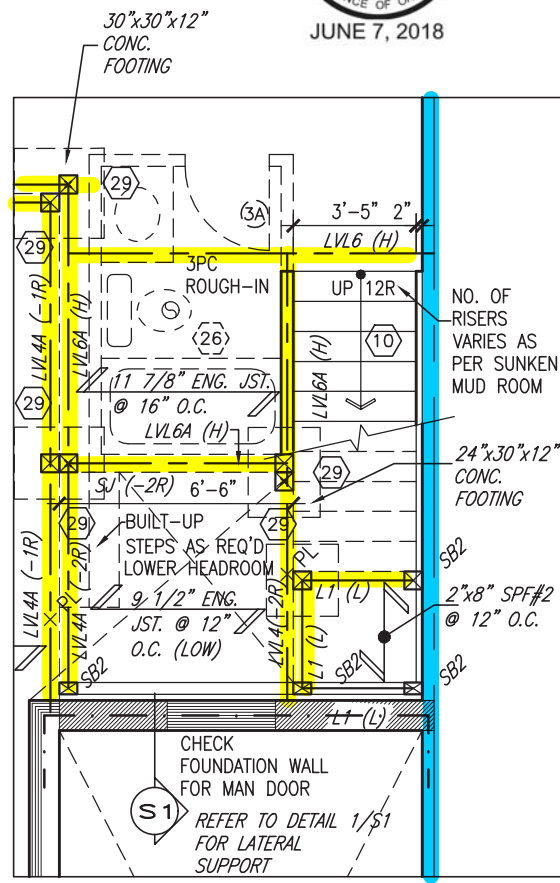
JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVAL

APPROVED BY: _____
DATE: Jun. 11, 2018

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24"x8" THICK
CONC. FOOTING
UNDER PARTYWALL

SOIL TO HAVE MIN
ALLOWABLE
BEARING CAPACITY
OF 150KPa (TYP)



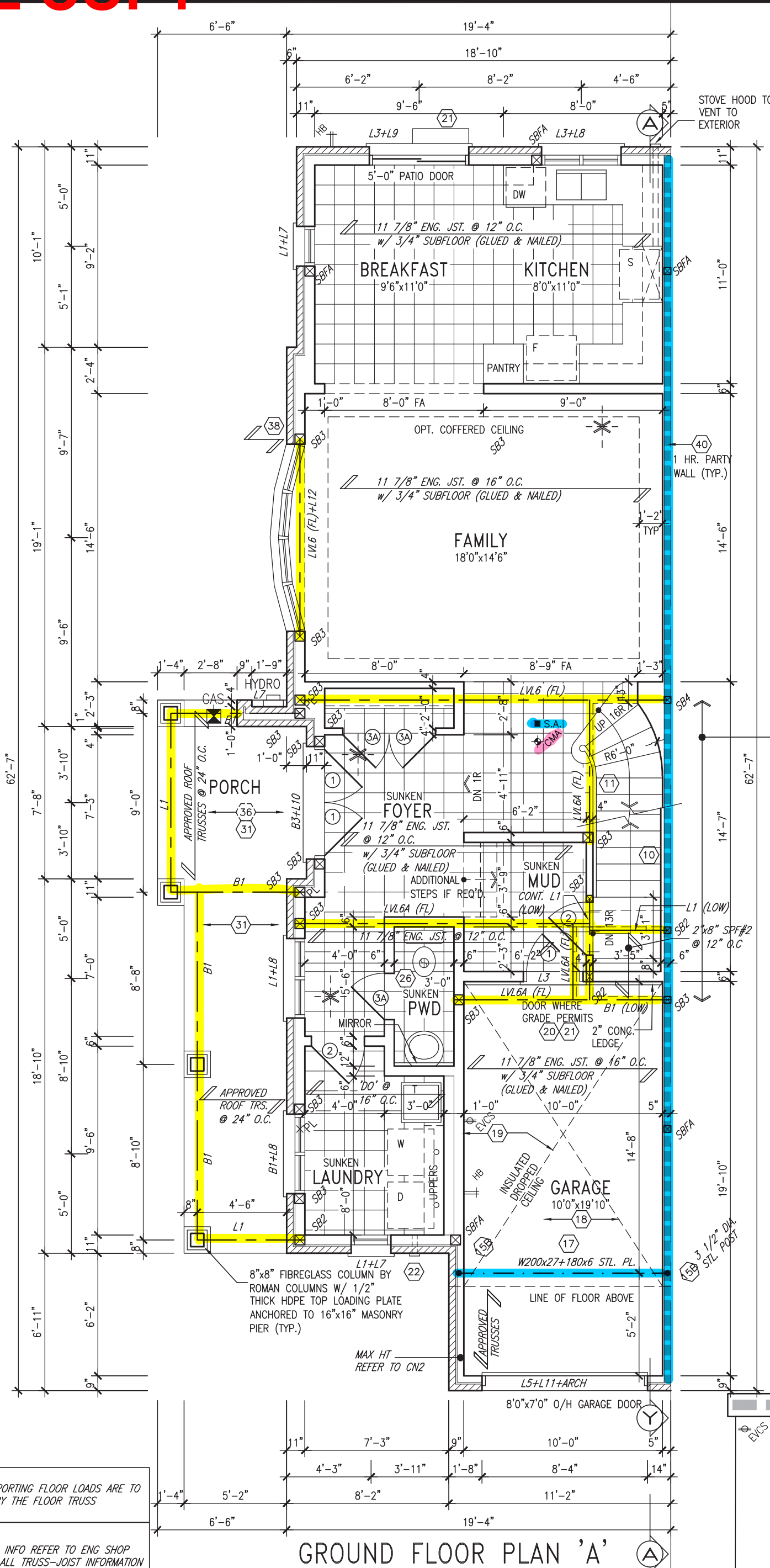
PARTIAL BASEMENT PLAN
FOR ADDITIONAL SUNKEN
MUD ROOM -2R TO -3R

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

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

NOTE:
FLOOR FRAMING INFO REFER TO ENG 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.	VA3 DESIGN 255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com	BAYVIEW WELLINGTON project name GREEN VALLEY EAST municipality BRADFORD	TH-8C NAPA 8 project no. 16023
8.	.	.	qualification information Wellington Jno-Baptiste 25591 name BCIN			
7.	.	.	registration information VA3 Design Inc. 42658			
6.	.	.	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.			
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3.	REV. AS PER FLOOR TRUSS COORD.	MAY 10/18	WT			
2.	REV. AS PER ROOF TRUSS COORD.	APR. 20/18	WT			
1.	IMPORTED FROM 13045 TO 16023	14-03-17	AJE			
no.	description	date	by			



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6.	.	.	.	name
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255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON

project name
GREEN VALLEY EAST

date
MAR. 2017

drawn by
AJE

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

scale
3/16" = 1'-0"

scale
3/16" = 1'-0"

project no.
16023

project name
GREEN VALLEY EAST

date
MAR. 2017

drawn by
AJE

project no.
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GREEN VALLEY EAST

date
MAR. 2017

drawn by
AJE

TH-8C
NAPA 8

project no.
16023

project name
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date
MAR. 2017

drawn by
AJE

GROUND FLOOR PLAN 'A'

file name
16023-TH-8C

drawing no.
2A

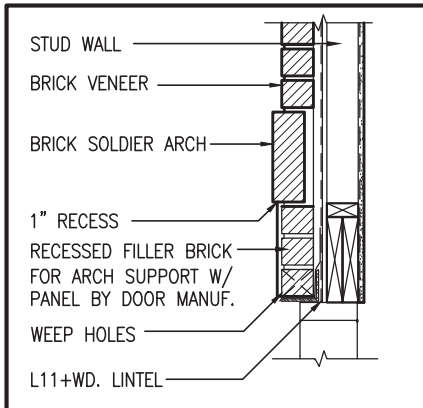
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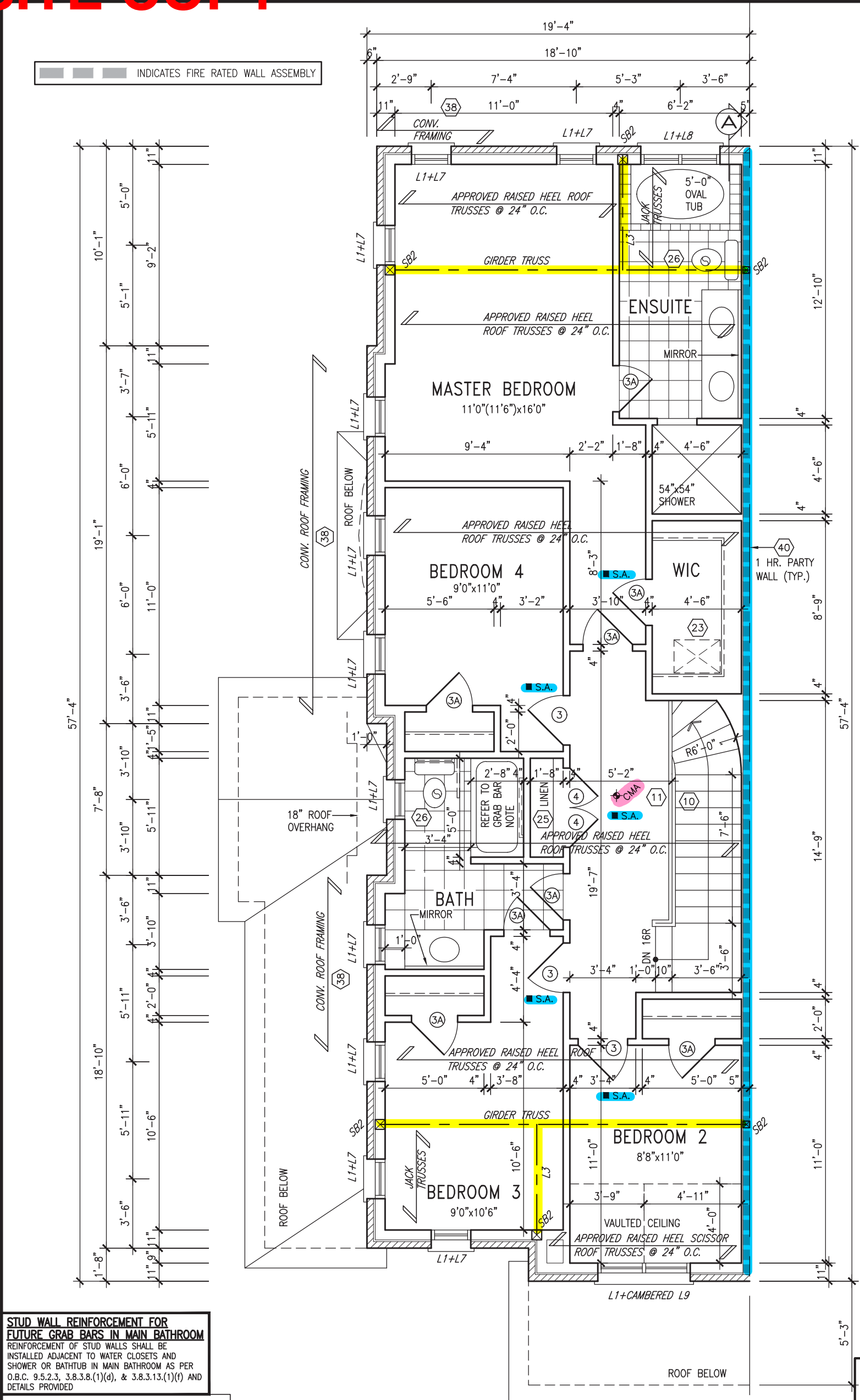
SECTION 'Y' AT BRICK ARCH N.T.S.

AREA CALCULATIONS	ELEV. A
GROUND FLOOR AREA	926 SF
SECOND FLOOR AREA	1082 SF
SUBTOTAL	2008 SF
DEDUCT ALL OPEN AREAS	0 SF
TOTAL NET AREA	2008 SF (186.55 m2)
FINISHED BSMT AREA	0 SF
COVERAGE W/OUT PORCH	1146 SF (106.47 m2)
COVERAGE W/ PORCH	1311 SF (121.80 m2)

ELECTRIC VEHICLE CHARGING SYSTEM (EVCS)
ROUGH-IN FOR FUTURE ELECTRIC VEHICLE SUPPLY EQUIPMENT (CHARGING SYSTEM) TO BE INSTALLED. ROUGH-IN SHALL INCLUDE:

- A minimum 200 amp Panelboard,
- Conduit that is not less than 1 1/16" (27mm) trade size,
- A square 4 11/16" (119mm) trade size electrical outlet box.
- Fumeproofed Electrical outlet box to be installed in the Garage or carport or adjacent to driveway.

REFER TO 2012 OBC, 9.34.4.



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STUD WALL REINFORCEMENT FOR FUTURE GRAB BARS IN MAIN BATHROOM

REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATER CLOSETS AND SHOWER OR BATHTUB IN MAIN BATHROOM AS PER O.B.C. 9.5.2.3, 3.8.3.8.(1)(d), & 3.8.3.13.(1)(f) AND DETAILS PROVIDED

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

NOTE:
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Wellington Jno-Baptiste 25591
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VA3 DESIGN

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va3design.com

BAYVIEW WELLINGTON			TH-8C NAPA 8		
project name GREEN VALLEY EAST		municipality BRADFORD		project no. 16023	
date MAR. 2017		SECOND FLOOR PLAN 'A'			drawing no.
drawn by AJE		checked by .		scale 3/16" = 1'-0"	file name 16023-TH-8C
RICHARD - H:\ARCHIVE\WORKING\2016\16023.BW\Units\6.0M TOWNS\16023-TH-8C.dwg - Thu - Jun 7 2018 - 2:58 PM					



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

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

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BRICK SOLDIER ARCH W/
KEYSTONE OVER VINYL ARCH
OVER BRICK STACK BOND
W/ 1/2" PROJ

TOP OF PLATE

TOP OF WINDOW

- CONT. PRECAST CONC.
SILL OVER BRICK
SOLDIER W/ 1/2" PROJ

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

FIN. SECOND FLOOR

TOP OF TRANSOM

TOP OF WINDOW

BRICK ROWLOCK STACK
BOND W/ 1/2" PROJ

1995

of

5

FIN. GROUND FLOOR

FIN. GROUND FLOOR
CLUNKEN FOYER

SUNKEN FOYER
FINISHED GRADE

POURED CONC.

FOUNDATION WALLS AND
FOOTINGS (TYP.)

TABLE 1 (continued)

FIN. BASEMENT FL



Professional Engineer Seal for S. J. Boyd, License No. 10000, State of Florida.



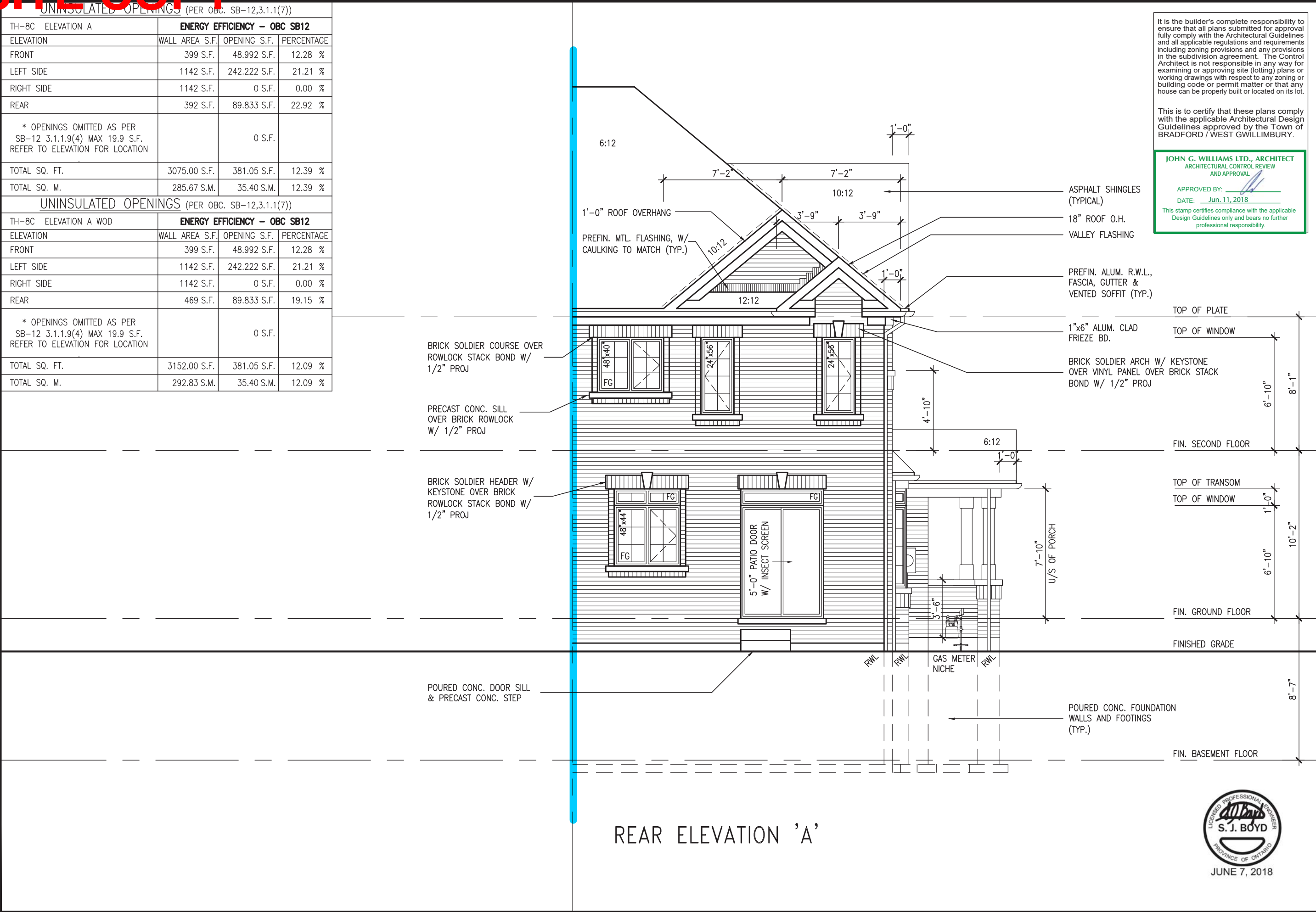
JUNE 7, 2018

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FLANKAGE ELEVATION 'A'



UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))			
TH-8C ELEVATION A	ENERGY EFFICIENCY - OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	399 S.F.	48.992 S.F.	12.28 %
LEFT SIDE	1142 S.F.	242.222 S.F.	21.21 %
RIGHT SIDE	1142 S.F.	0 S.F.	0.00 %
REAR	392 S.F.	89.833 S.F.	22.92 %
* OPENINGS OMITTED AS PER SB-12 3.1.1.9(4) MAX 19.9 S.F. REFER TO ELEVATION FOR LOCATION			
TOTAL SQ. FT.	3075.00 S.F.	381.05 S.F.	12.39 %
TOTAL SQ. M.	285.67 S.M.	35.40 S.M.	12.39 %
UNINSULATED OPENINGS (PER OBC. SB-12,3.1.1(7))			
TH-8C ELEVATION A WOD	ENERGY EFFICIENCY - OBC SB12		
ELEVATION	WALL AREA S.F.	OPENING S.F.	PERCENTAGE
FRONT	399 S.F.	48.992 S.F.	12.28 %
LEFT SIDE	1142 S.F.	242.222 S.F.	21.21 %
RIGHT SIDE	1142 S.F.	0 S.F.	0.00 %
REAR	469 S.F.	89.833 S.F.	19.15 %
* OPENINGS OMITTED AS PER SB-12 3.1.1.9(4) MAX 19.9 S.F. REFER TO ELEVATION FOR LOCATION			
TOTAL SQ. FT.	3152.00 S.F.	381.05 S.F.	12.09 %
TOTAL SQ. M.	292.83 S.M.	35.40 S.M.	12.09 %



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TH-8C
NAPA 8

BAYVIEW WELLINGTON

GREEN VALLEY EAST

BRADFORD

project no.
16023

drawing no.
6A

file name
16023-TH-8C

drawn by
AJE

checked by
AJE

scale
3/16" = 1'-0"

date
MAR. 2017

project name
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municipality
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JUN 07-18

MAY 10/18

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qualification information

Wellington Jno-Baptiste

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MAY 10/18

APR. 20/18

14-03-17

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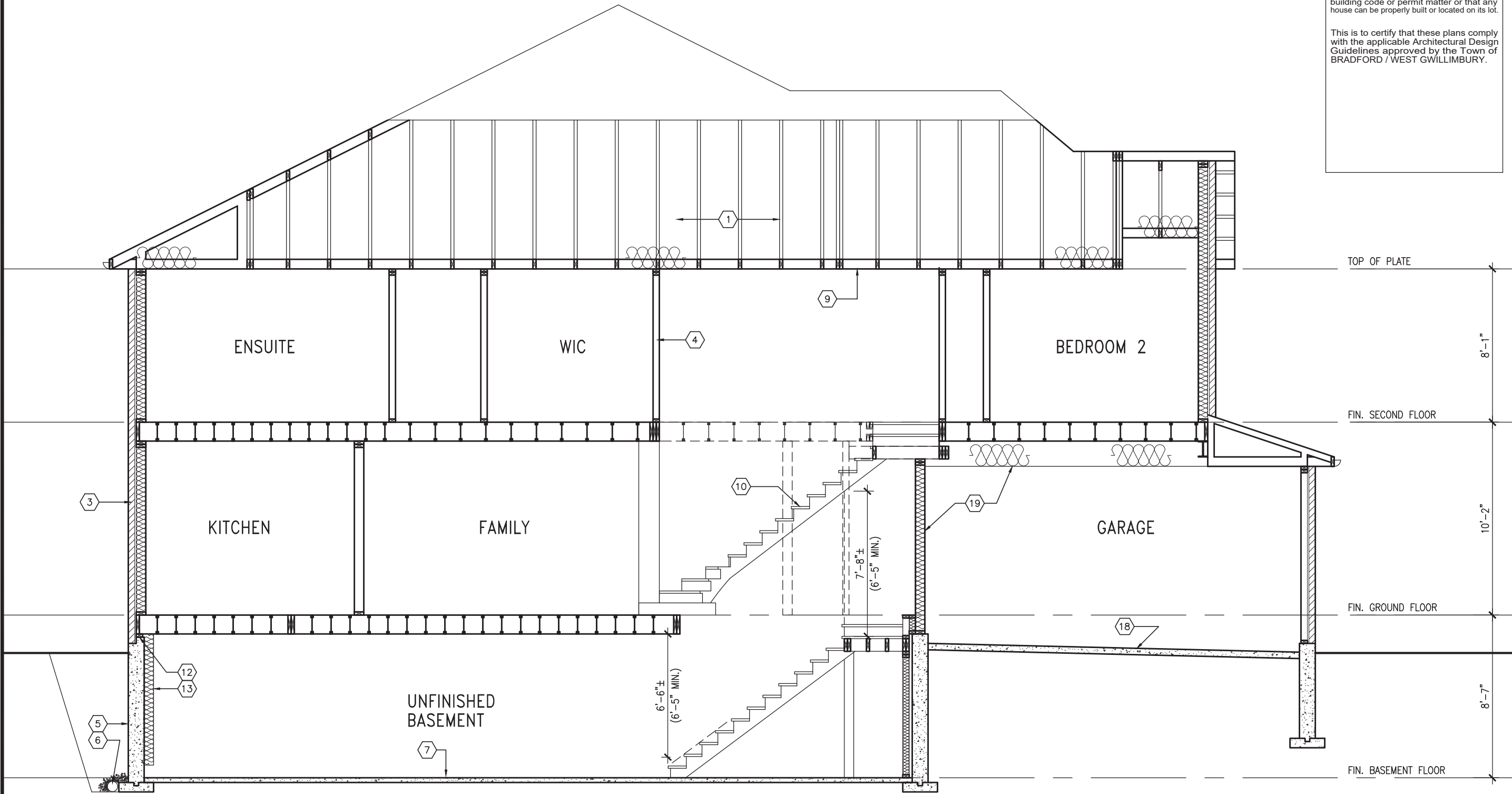
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SECTION 'A-A'



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 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 GWILLIMBURY.

9 .		TH-8C		BAYVIEW WELLINGTON		TH-8C	
8 .		NAPA 8		GREEN VALLEY EAST		BRADFORD	
7 .		project no.		project name		municipality	
6 .		16023		16023		16023	
5 .		drawing no.		CROSS SECTION A-A		drawing no.	
4 .		date		MAR. 2017		16023-TH-8C	
3 .		drawn by		A/E		file name	
2 .		checked by		3/16" = 1'-0"		16023-TH-8C	
1 .		scale		3/16" = 1'-0"		16023-TH-8C	
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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 BCN

name registration information

VAS Design Inc. 42658

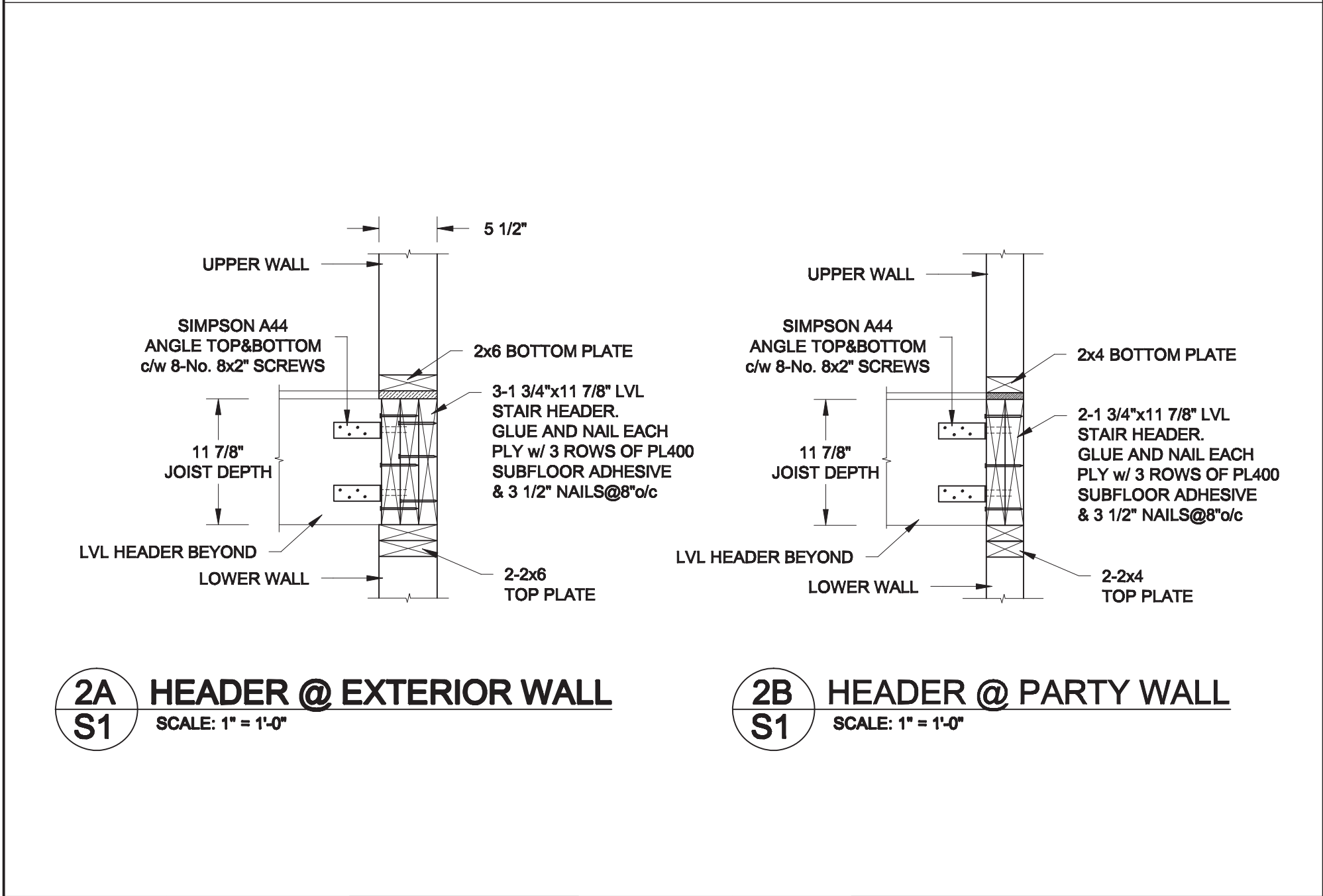
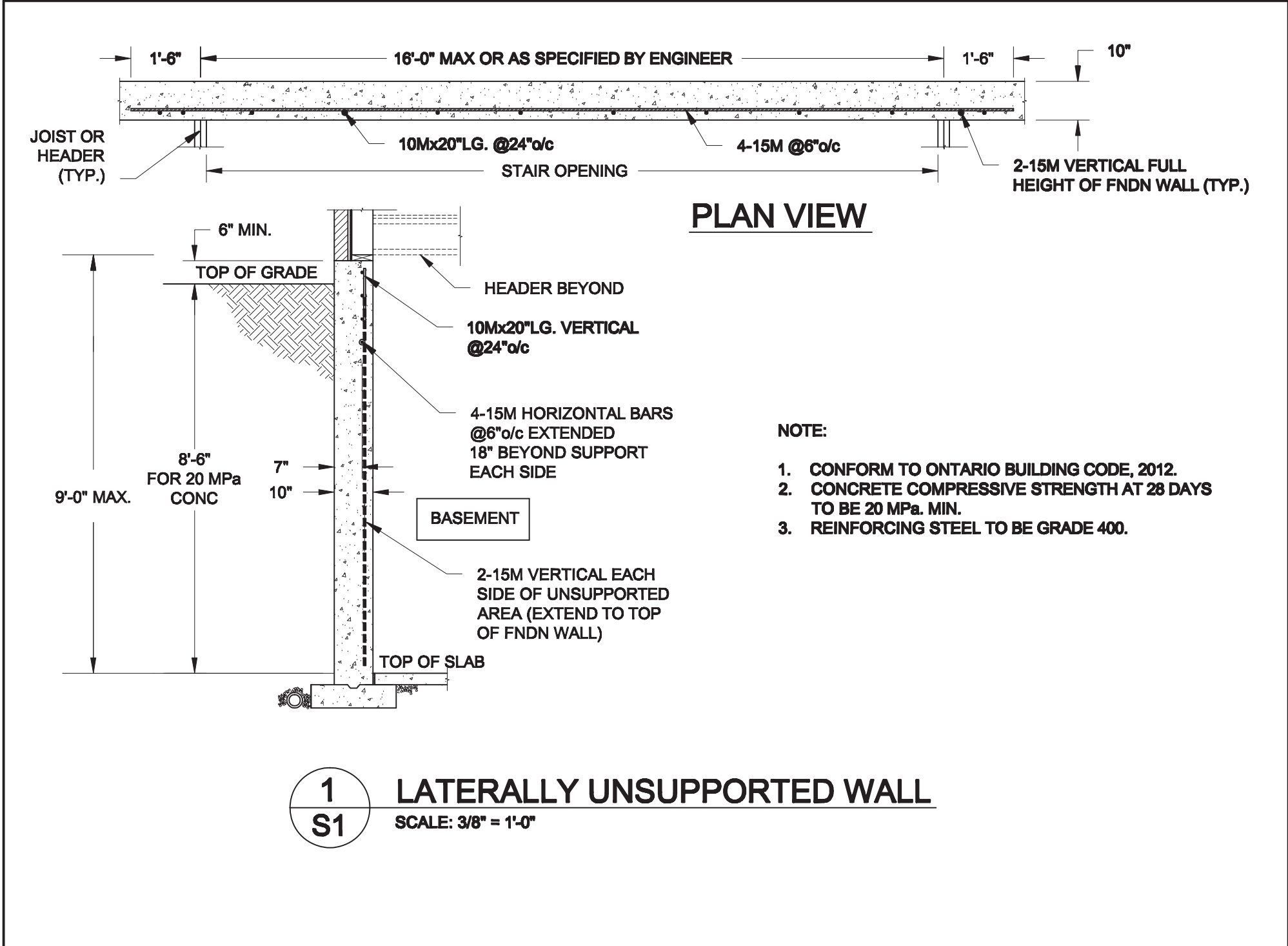
Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.



VA3

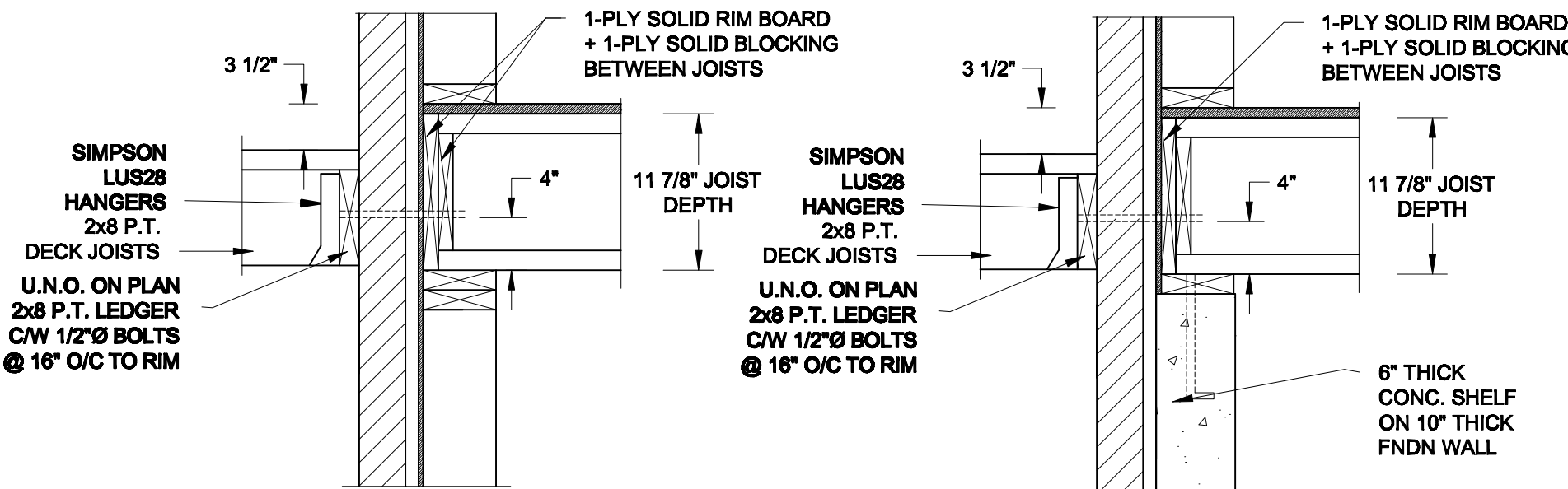
DESIGN

255 Consumers Rd Suite 120
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vo3design.com

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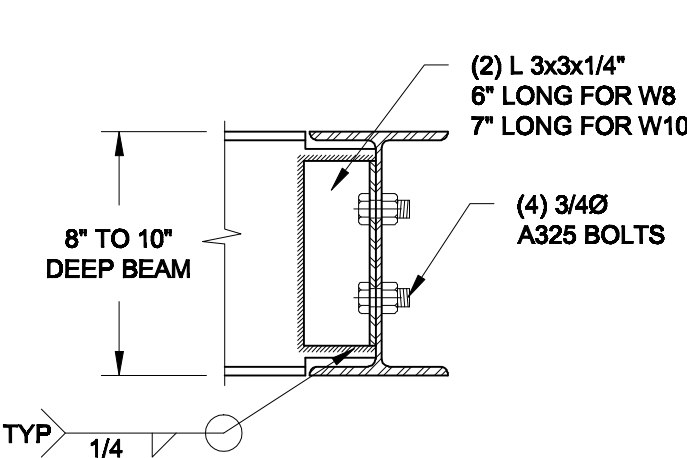
Scale: AS NOTED		<div>QUAILE ENGINEERING LTD.</div> <div></div> <div>38 Parkside Drive, UNIT 7 Newmarket, ON L3Y 8J9 T: 905-853-8547 E: quaille.eng@rogers.com</div>	<div>Engineer's Seal:</div> <div></div> <div>JUNE 7, 2018</div>		<div>Project:</div> <div>BAYVIEW WELLINGTON HOMES - GREEN VALLEY EAST TOWNS BRADFORD, ONTARIO</div>	
Date: MAY-31-2018			TYPICAL STRUCTURAL DETAILS			
Drawn: SC	Checked: SJB		Project No.: 18-085		Drawing No.: S1	



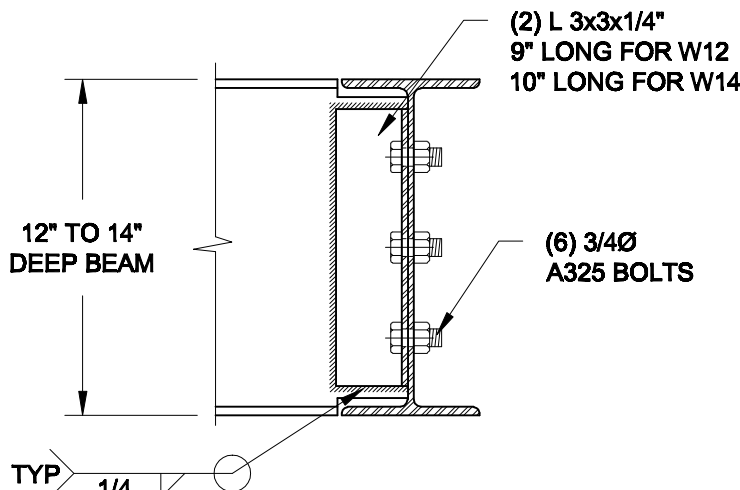
1A DECK FASTENING DETAIL
S2 SCALE: 1" = 1'-0"

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.

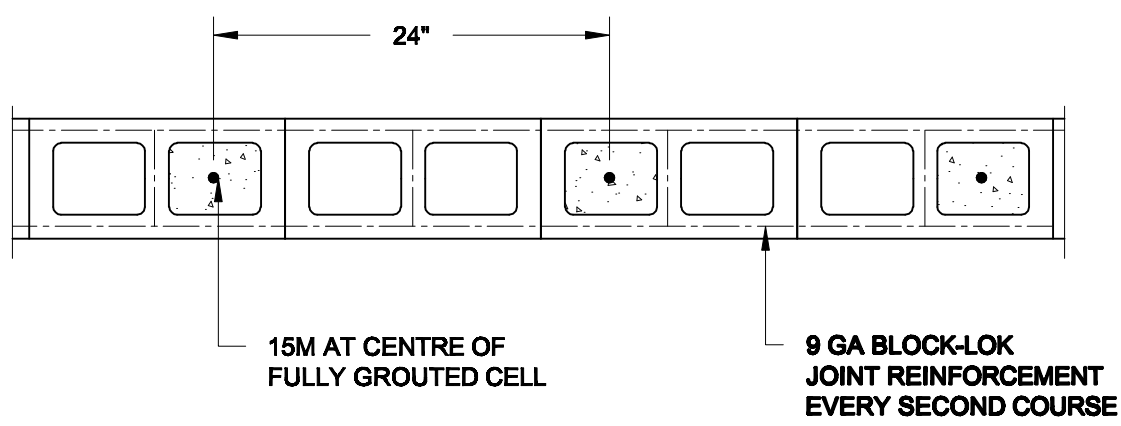


NOTE: DETAIL IS APPLICABLE TO W8x40 (W200x59) BEAM MAX AND W10x39 (W250x58) BEAM MAX.





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

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



3 PLAN OF FIREWALL AT 2 STOREY CONDITION
S2 SCALE: 1" = 1'-0"

- NOTES:
1. REINFORCING STEEL TO CONFORM TO CSA G30.18, GRADE 400.
 2. GROUT TO HAVE A COMPRESSIVE STRENGTH OF 20 MPa AT 28 DAYS WITH 10" SLUMP. MAXIMUM AGGREGATE SIZE = 3/8".
 3. LAP VERTICAL BARS 30" AT ANY SPLICES.

Scale: AS NOTED		QUAILE ENGINEERING LTD.  38 Parkside Drive, UNIT 7 Newmarket, ON L3Y 8J9 T: 905-853-8547 E: quaile.eng@rogers.com	Engineer's Seal  S. J. BOYD JUNE 22, 2018		Project: BAYVIEW WELLINGTON HOMES - GREEN VALLEY EAST TOWNS BRADFORD, ONTARIO	
Date: MAY-31-2018			TYPICAL STRUCTURAL DETAILS			
Drawn: SC	Checked: SJB		Project No.: 18-085		Drawing No.: S2	

CONSTRUCTION NOTES (Unless otherwise noted)

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

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

2. FRAME WALL CONSTRUCTION (2"x6") (SB-12-TABLE 3.1.1.2.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., RSI 3.87 (R22) 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, CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS.

2A. RESERVED

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., RSI 3.87 (R22) 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, CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS.

3. BRICK VENEER CONSTRUCTION (2"x6") (SB-12-TABLE 3.1.1.2.A)
90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x3"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., RSI 3.87 (R22) 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, CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.

3A. RESERVED



3B. BRICK VENEER CONSTRUCTION (2"x6")- GARAGE WALLS
90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm (7/8"x3"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") (SB-12-TABLE 3.1.1.2.A)
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., RSI 3.87(R22) INSULATION, APPROVED VAPOUR BARRIER, 13mm (1/2") GYPSUM WALLBOARD INTERIOR FINISH. REFER TO OBC SB-12, CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE.

4. INTERIOR STUD PARTITIONS
FOR BEARING PARTITIONS 38x89 (2"x4") @ 400mm (16") O.C. FOR 2 STOREYS AND 300mm (12") O.C. FOR 3 STOREYS, NON-BEARING PARTITIONS 38x89 (2"x4") @ 600mm (24") O.C. PROVIDE 38x89 (2"x4") BOTTOM PLATE AND 2/38x89 (2/2"x4") TOP PLATE. 13mm (1/2") INT. DRYWALL BOTH SIDES OF STUDS. PROVIDE 38x140 (2"x6") STUDS/PLATES WHERE NOTED.

5. FOUNDATION WALL/FOOTINGS: (9.15.3, 9.15.4, 9.13.2, 9.14.2.1.(2))
250mm (10") POURED CONC. FDTN. WALL 30MPa (4350psi) WITH BITUMENOUS DAMPPROOFING AND DRAINAGE LAYER. DRAINAGE LAYER REQ'D. WHEN BASEMENT INSUL. EXTENDS 900 (2'-11") BELOW FIN. GRADE. DRAINAGE LAYER IS NOT REQ'D. WHEN FDTN. WALL IS WATERPROOFED. MAXIMUM POUR HEIGHT 2820 (9'-3") ON 560x1.55 (22"x6") CONTINUOUS KEYED CONC. FTG. BRACE FDTN. WALL PRIOR TO BACKFILLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OR COMPACTED ENGINEERED FILL. WITH MIN. BEARING CAPACITY OF 150kPa OR GREATER. IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY, ENGINEERED FOOTINGS ARE REQUIRED.
STOREYS SUPPORTED (W) / MASONRY VENEER (W) / SIDING ONLY:
1 18" WIDE x 6" DEEP 18" WIDE x 6" DEEP
2 22" WIDE x 6" DEEP 22" WIDE x 6" DEEP
3 28" WIDE x 9" DEEP 22" 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 (2'2"x7")

6. FOUNDATION DRAINAGE OBC. 9.14.2. & 9.14.3.
100mm (4") DIA. FOUNDATION DRAINAGE TILE 150mm (6") CRUSHED STONE OVER AND AROUND DRAINAGE TILES.

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

8. EXPOSED FLOOR TO EXTERIOR (SB-12-TABLE 3.1.1.2.A)
PROVIDE RSI 5.46 (R31) INSULATION, APPROVED VAPOUR BARRIER AND CONTINUOUS AIR BARRIER. FINISHED SOFFIT.

9. ATTIC INSULATION (SB-12-TABLE 3.1.1.2.A) (SB-12-3.1.1.8)
RSI 10.56 (R60) 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
FOR CURVED STAIRS
MIN. RUN = 150 (6")
MIN. AVG. RUN = 200 (8")

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

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

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

13. BASEMENT INSULATION (SB-12-3.1.1.7), 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. RSI3.52ci (R20ci) BLANKET INSULATION TO HAVE APPROVED VAPOUR BARRIER. RECOMMEND DAMPPROOF WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL. NOTE: FULL HEIGHT INSULATION AT COLD CELLAR WALLS. AIR BARRIER TO BE SEALED TO FOUNDATION WALL WITH CAULKING. CONTINUOUS INSULATION (ci) IS NOT TO BE INTERRUPTED BY FRAMING.

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

15. STEEL BASEMENT CULMNM (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/CGSB-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.

15A. STEEL BASEMENT CULMNM (SEE O.B.C. 9.15.3.3)
89mm(3-1/2") DIA x 4.78mm(.188) FIXED STL. COL. WITH 150x150x9.5 (6"x6"x3/8") STL. TOP & BOTTOM PLATE ON 1070x1070x406 (42"x42"x18"). CONC. FOOTING ON UNDISTURBED SOIL OR ENGINEERED FILL CAPABLE OF SUSTAINING A PRESSURE OF 150 Kpa. MIN. AND AS PER SOILS REPORT.

15B. STEEL CULMNM
90mm(3-1/2") DIA x 4.78mm(.188) NON-ADJUSTABLE STL. COL. TO BE ON 150x150x9.5 (6"x6"x3/8") STL. 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") FELD WELD COL. TO BASE PLATE.

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

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

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

19. GARAGE CEILINGS/INTERIOR WALLS
13mm (1/2") GYPSUM BOARD ON WALL AND CEILING BETWEEN HOUSE AND GARAGE. TAPE AND SEAL ALL JOINTS AIRTIGHT PER O.B.C. 9.10.9.1.6. WALLS (R22), CEILINGS (R31). REFER TO SB-12, TABLE 3.1.1.2.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-6.2.3.8.(7) & 6.2.4.1.1.)
CAPPED DRYER EXHAUST VENTED TO EXTERIOR. (USE 100mm (4") DIA. SMOOTH WALL VENT PIPE)

23. INSULATED ATTIC ACCESS (OBC-9.19.2.1. & SB12-3.1.1.8)
ATTIC ACCESS HATCH WITH MIN. DIMENSION OF 545x610mm (21 1/2"x24") & A MIN. AREA OF 0.32 SQ.M. (3.44 SQ.FT.) WITH WEATHERSTRIPPING. RSI 3.52 (R20) RIGID INSUL. BACKING.

24. FIREPLACE CHIMNEYS OBC. 9.21.
TOP OF FIREPLACE CHIMNEY SHALL BE 915mm (3'-0") ABOVE THE HIGHEST POINT AT WHICH IT COMES IN CONTACT WITH THE ROOF AND 610mm (2'-0") ABOVE THE ROOF SURFACE WITHIN A HORIZ. DISTANCE OF 3050mm (10'-0") FROM THE CHIMNEY.

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

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

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

OR
SOLID WOOD BEARING FOR WOOD STUD WALLS
SOLID BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTED MEMBER. SOLID WOOD BEARING COMPRISED OF BUILT-UP WOOD STUDS TO BE CONSTRUCTED IN ACCORDANCE WITH OBC 9.14.2.(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. WHERE REQUIRED, REFER TO OBC SB-12, TABLE 3.1.1.2.A. FOR REQUIRED MINIMUM INSULATION UNDER SLAB.

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

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

34. SUBFLOOR, JOIST STRAPPING AND BRIDGING
16mm (5/8") T & G SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERAMIC TILE APPLICATION (* SEE OBC 9.30.6. *) 6mm (1/4") PANEL TYPE UNDERLAY UNDER RESILIENT & PARQUET FLOORING. (* SEE OBC 9.30.2. *)
FLOOR JOISTS WITH SPANS OVER 2100mm (6'-11") TO BE BRIDGED WITH 38x38 (2"x2") CROSS BRACING OR SOLID BLOCKING @ 2100mm (6'-11") O.C. MAX. AND WHERE SPECIFIED BY JOIST TABLES A-1 OR A-2 STRAPPING SHALL BE 19x64 (1"x3") @ 2100mm (6'-11") O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED. (* SEE OBC 9.23.9.4. *)

35. EXPOSED BUILDING FACE OBC. 9.10.15. & SB-2-2.3.5.(2)
EXTERIOR WALLS TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 min. WHERE LIMITING DISTANCE (LD) IS LESS THAN 1.2M (3'-11"). WHERE THE LD IS LESS THAN 600mm (1'-11") THE EXPOSING FACE SHALL BE CLAD IN NON-COMBUSTIBLE MATERIAL. SEE ELEVATIONS FOR ADDITIONAL NOTES. OFFENDING GARAGE WALLS INCLUDED.

36. COLD CELLAR PORCH SLAB (OBC 9.39.)
FOR MAX. 2500mm (8'-2") PORCH DEPTH (SHORTEST DIM.), 125mm (5") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT. REINF. WITH 10M BARS @ 200mm (7 7/8") O.C. EACH WAY IN BOTTOM THRD OF SLAB. MIN. 30mm (1 1/4") COVER. 600x600 (23 5/8"x23 5/8") 10M DOWELS @ 600mm (23 5/8") O.C.. ANCHORED IN PERIMETER FDTN. WALLS. SLOPE SLAB MIN. 1.0% FROM HOUSE WALL. SLAB TO HAVE MIN. 75mm (3") BEARING ON FDTN. WALLS. PROVIDE (L7) LINTEL OVER CELLAR DOOR WITH 100mm (4") END BEARING.

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

38. CONVENTIONAL ROOF FRAMING (2.0kpa. SNOW LOAD)
38x140 (2"x6") RAFTERS @ 400mm (16"O.C.) FOR MAX 11-7" SPAN, 38x184 (2"x8") RIDGE BOARD. 38x89 (2"x4") COLLAR TIES AT MIDSPANS. CEILING JOISTS TO BE 38x89 (2"x4") @ 400mm (16") O.C. FOR MAX. 2830mm (9'-3") SPAN & 38x140 (2"x6") @ 400 (16") O.C. FOR MAX. 4450mm (14'-7") SPAN. RAFTERS FOR BUILT-UP ROOF TO BE 38x89 (2"x4") @ 600mm (24") O.C. WITH A 38x89 (2"x4") CENTRE POST TO THE TRUSS BELOW. LATERALLY BRACED @ 1800mm (6'-0") O.C. VERTICALLY.

GENERAL NOTES

WINDOWS:1) MINIMUM BEDROOM WINDOW -OBC. 9.9.10.1-
AT LEAST ONE BEDROOM WINDOW ON A GIVEN FLOOR IS TO HAVE MIN. 0.35m2 UNOBSTRUCTED GLAZED OR OPENABLE AREA WITH MIN. CLEAR WIDTH OF 380 mm (1'-3").

2) WINDOW GUARDS -OBC. 9.8.8.1.(6).
A GUARD IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS LOCATED LESS THAN 480mm (1'-7") ABOVE FIN. FLOOR AND THE DISTANCE FROM THE FIN. FLOOR TO THE ADJACENT GRADE IS GREATER THAN 1800mm (5'-11")

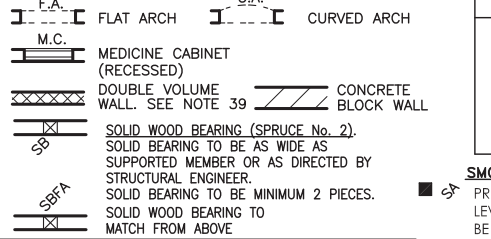
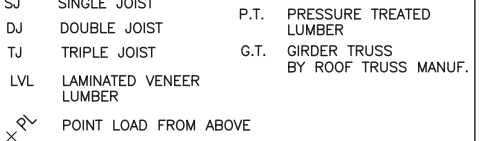
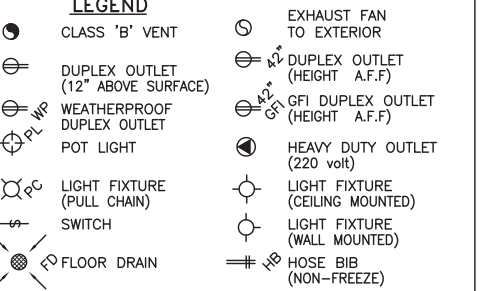
3) EXTERIOR WINDOWS
SHALL COMPLY WITH OBC DIV.-8 9.7.3. & SB12-3.1.1.9

GENERAL: 1) MECHANICAL VENTILATION IS REQUIRED TO COMPLY WITH OBC-DIV. 8, 6.2.2. SEE MECHANICAL DRAWINGS.
2) ALL DOWNSPOUTS TO DRAIN AWAY FROM THE BUILDING AS PER OBC 9.26.18.2. & 5.6.2.2.(3) AND MUNICIPAL STANDARDS.
3) ALL WINDOW WELLS TO DRAIN TO FOOTING LEVEL PER OBC 9.14.6.3. CHECK WITH THE LOCAL AUTHORITY.
4) STUD WALL REINFORCEMENT FOR FUTURE GRAB BARS IN MAIN BATHROOM
REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATER CLOSETS AND SHOWER OR BATHTUB IN MAIN BATHROOM. REFER TO OBC. 9.5.2.3, 3.8.3.8.(1)(d) & 3.8.3.13.(1)(f). SEE DETAIL.
5) ALL EXTERIOR DOORS TO COMPLY WITH THERMAL RESISTANCE AS STATED IN O.B.C. SB-12-3.1.1.9.

LUMBER: 1) ALL LUMBER SHALL BE SPRUCE NO.2 GRADE, UNLESS NOTED OTHERWISE.
2) STUDS SHALL BE STUD GRADE SPRUCE, UNLESS NOTED OTHERWISE.
3) LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE No.2 GRADE PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.
4) ALL LAMINATED VENEER LUMBER (L.V.L.) BEAMS, GIRDER TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED & CERTIFIED BY TRUSS MANUFACTURER.
5) LVL BEAMS SHALL BE 2.0E-2950Fb MIN., NAIL EACH PLY OF LVL WITH 89mm (3 1/2") LONG COMMON WIRE NAILS @ 300mm (12") O.C. STAGGERED. IN 2 ROWS FOR 184, 240 & 300mm (7 1/4'-9 1/2", 11 7/8") DEPTHS AND STAGGERED IN 3 ROWS FOR GREATER DEPTHS AND FOR 4 PLY MEMBERS ADD 13mm (1/2") DIA. GALVANIZED BOLTS BOLTED AT MID-DEPTH OF BEAM @ 915mm (3'-0") O.C.
6) PROVIDE FACE MOUNT BEAM HANGERS TYPE "SCL" MANUFACTURED BY SIMPSON STRONG-TIE OR EQUAL FOR ALL LVL BEAM TO BEAM CONNECTIONS UNLESS OTHERWISE NOTED. REFER TO ENG. FLOOR LAYOUTS.
7) JOIST HANGERS: PROVIDE METAL HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS INTERSECTING FLUSH BUILT-UP WOOD MEMBERS.
8) WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATIVE. IN CONTACT WITH CONCRETE. SHALL BE SEPARATED FROM THE CONCRETE BY AT LEAST 2 mil. POLYETHYLENE FILM, No. 50 (48lbs) ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 150mm (6") ABOVE THE GROUND.

STEEL: 1) STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-G40-21 GRADE 300W. HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO CSA-G40.21 GRADE 350W 'STRUCTURAL QUALITY STEEL'. OBC. 8.9-23.4.3.
2) REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R.

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



SOIL GAS/ RADON CONTROL (OBC 9.1.1.7. & 9.13.4.)
PROVIDE CONSTRUCTION TO PREVENT LEAKAGE OF SOIL GAS INTO THE BUILDING IF REQUIRED.
CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB AND REPORT ANY DISCREPANCY TO VA3 DESIGN BEFORE PROCEEDING WITH THE WORK. ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND THE PROPERTY OF VA3 DESIGN WHICH IF REQUESTED, MUST BE RETURNED AT THE COMPLETION OF THE WORK. ALL DRAWINGS TO BE USED FOR CONSTRUCTION ONLY AFTER BUILDING PERMIT HAS BEEN ISSUED.

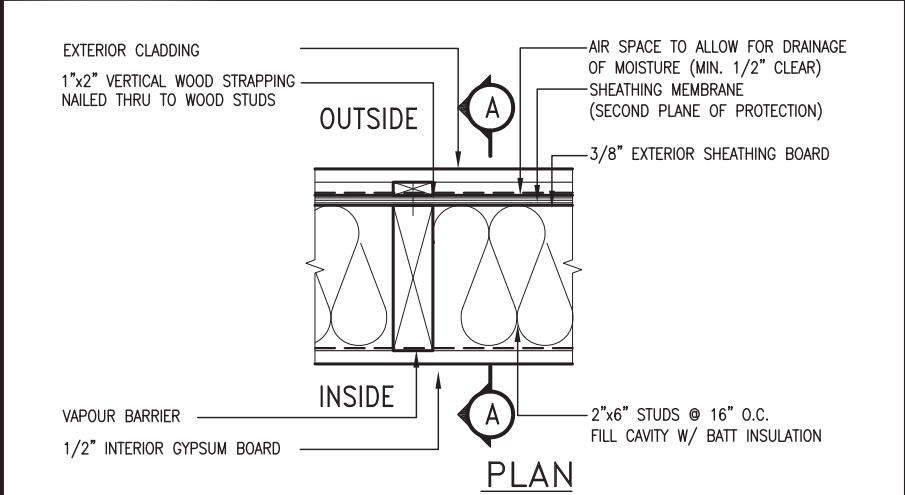
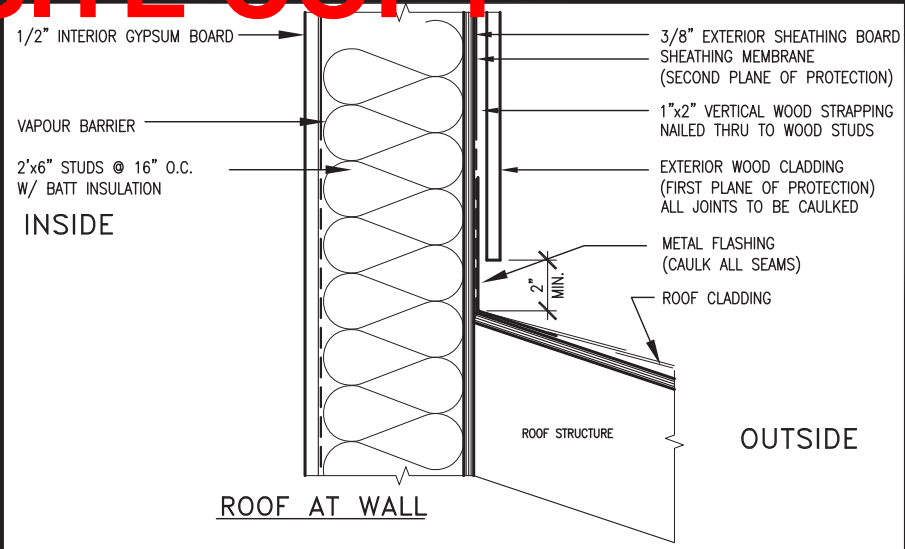
39. TWO STOREY VOLUME SPACES
-FOR A MAXIMUM 5490 mm (18'-0") HEIGHT AND MAXIMUM SUPPORTED ROOF TRUSS LENGTH OF 6.0m, PROVIDE 2-38x140 (2-2"x6") SPR.#2 CONTIN. STUDS @ 300mm (12") O.C. (TRIPLE UP AT EVERY THIRD DOUBLE STUD FOR BRICK WALLS) C/W 9.6 (3/8") THICK EXT. PLYWOOD SHEATHING. PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS @ 1220 mm (4'-0") O.C. VERTICALLY. -FOR WALLS WITH HORIZ. DISTANCES NOT EXCEEDING 2900 mm (9'-6"). PROVIDE 38x140 (2"x6") STUDS @ 400 (16") O.C. WITH CONTINUOUS 2-38x140 (2-2"x6")TOP PLATES + 1-38x140 (1-2"x6") BOTTOM PLATE & MINIMUM OF 3-38x184 (3-2"x8") CONT. HEADER AT GRND. CEILING LEVEL TOE-NAILED & GLUED AT TOP. BOTTOM PLATES AND HEADERS.
40. TYPICAL 1 HOUR RATED PARTY WALL.
REFER TO DETAILS FOR TYPE AND SPECIFICATIONS.

41. FOUNDATION WALL (W.O.D./W.O.B.)
- WHERE GRADE TO T/O BASEMENT SLAB EXCEEDS 1200mm (3'-11") A 250mm (10") WIDE FOUNDATION WALL IS REQUIRED.

42. EXTERIOR WALLS FOR WALK-OUT CONDITIONS
THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 400mm (16") o.c. OR 38x89 (2"x4") STUDS @ 300mm (12")o.c.

DRAIN WATER HEAT RECOVERY UNIT (DWHR)
PER SB12-3.1.1.12., A DRAIN WATER HEAT RECOVERY (DWHR) UNIT SHALL BE INSTALLED IN EACH DWELLING UNIT TO RECEIVE DRAIN WATER FROM ALL SHOWERS OR FROM AT LEAST TWO SHOWERS WHERE THERE ARE TWO OR MORE SHOWERS IN THE DWELLING UNIT. DOES NOT APPLY IF THERE ARE NO SHOWERS OR NO STOREY BENEATH ANY OF THE SHOWERS.

ONT. REG. 332/12-2012 OBC



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)(a) & 3.8.3.8.(3)(c).. SHOWER 3.8.3.13.(2)(f).. BATHTUB & 3.8.3.13.(4)(c). AND DETAILS PROVIDED.

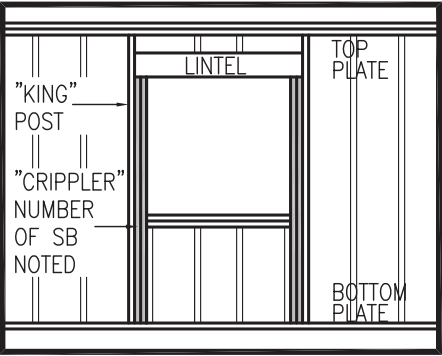
OBC, DIV.B-3.8.3.8.(3)(c)
QGB1 FUTURE GRAB BAR
① TOILET (BACK WALL)

OBC, DIV.B-3.8.3.8.(3)(a)
QGB1A FUTURE L-SHAPE GRAB BAR
DETAIL ① TOILET (*ONLY IF SIDE WALL PRESENT)

OBC, DIV.B-3.8.3.13.(2)(f)
QGB3 FUTURE L-SHAPE GRAB BAR
DETAIL ③ SHOWER (BACK WALL)

OBC, DIV.B-3.8.3.13.(4)(c)
QGB4 FUTURE GRAB BAR IN
BATHTUB (SIDE VIEW)

OBC, DIV.B-3.8.3.13.(2)(f)
QGB4A FUTURE GRAB BAR IN
BATHTUB (VERTICAL BAR LOCATED @ EACH END WALL)



”CRIPPLE” DETAIL

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

2"x4" @ 16" O.C. - 9'-10"

2'-2"x4" @ 12" O.C. - 10'-9"

3'-2"x4" @ 16" O.C. - 11'-2"

3'-2"x4" @ 12" O.C. - 12'-4"

NOTES:

1. FOR ROOF DESIGN SNOW LOAD OF UP TO 2.5 KPa. SUPPORTED ROOF TRUSS LENGTH OF 6.0m AND FLOOR JOIST LENGTH OF 2.5m OF ONE FLOOR.

2. PROVIDE HORIZONTAL SOLID BLOCKING @ 1200 O.C. (4'-0")

3. PROVIDE A MINIMUM OF 9.5mm (3/8") PLYWOOD OR OSB EXTERIOR SHEATHING ON THE EXTERIOR FACE.

4. FOR A 1/50 YEAR REFERENCE WIND PRESSURE OF 0.6 KPa.

5. STUDS GREATER THAN 9'-10" HIGH TO BE No. 2 SPF.

6. 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 UP TO 2.5 KPa SUPPORTED ROOF TRUSS LENGTH OF 6.0m ONLY.

2. PROVIDE HORIZONTAL SOLID BLOCKING @ 1200 O.C. (4'-0")

3. 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.

4. WALL FRAMING SHALL CONFORM TO OBC 9.23.10.1.(2)

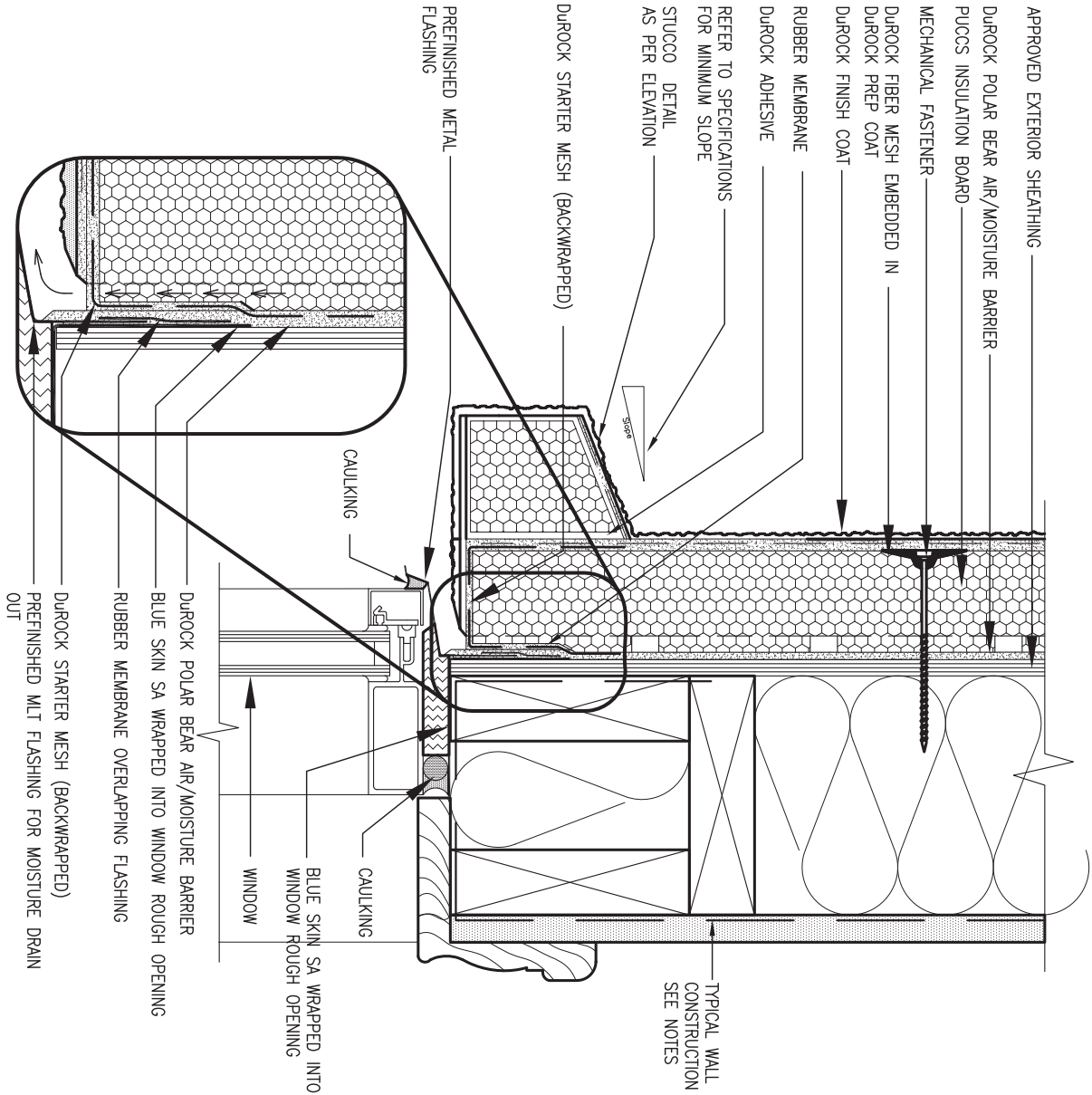
5. FOR A 1/50 YEAR REFERENCE WIND PRESSURE OF 0.6 KPa

6. STUDS GREATER THAN 9'-10" HIGH TO BE No. 2 SPF.

7. STUD SPECIFICATION IS SUITABLE FOR BRICK VENEER OR SIDING.

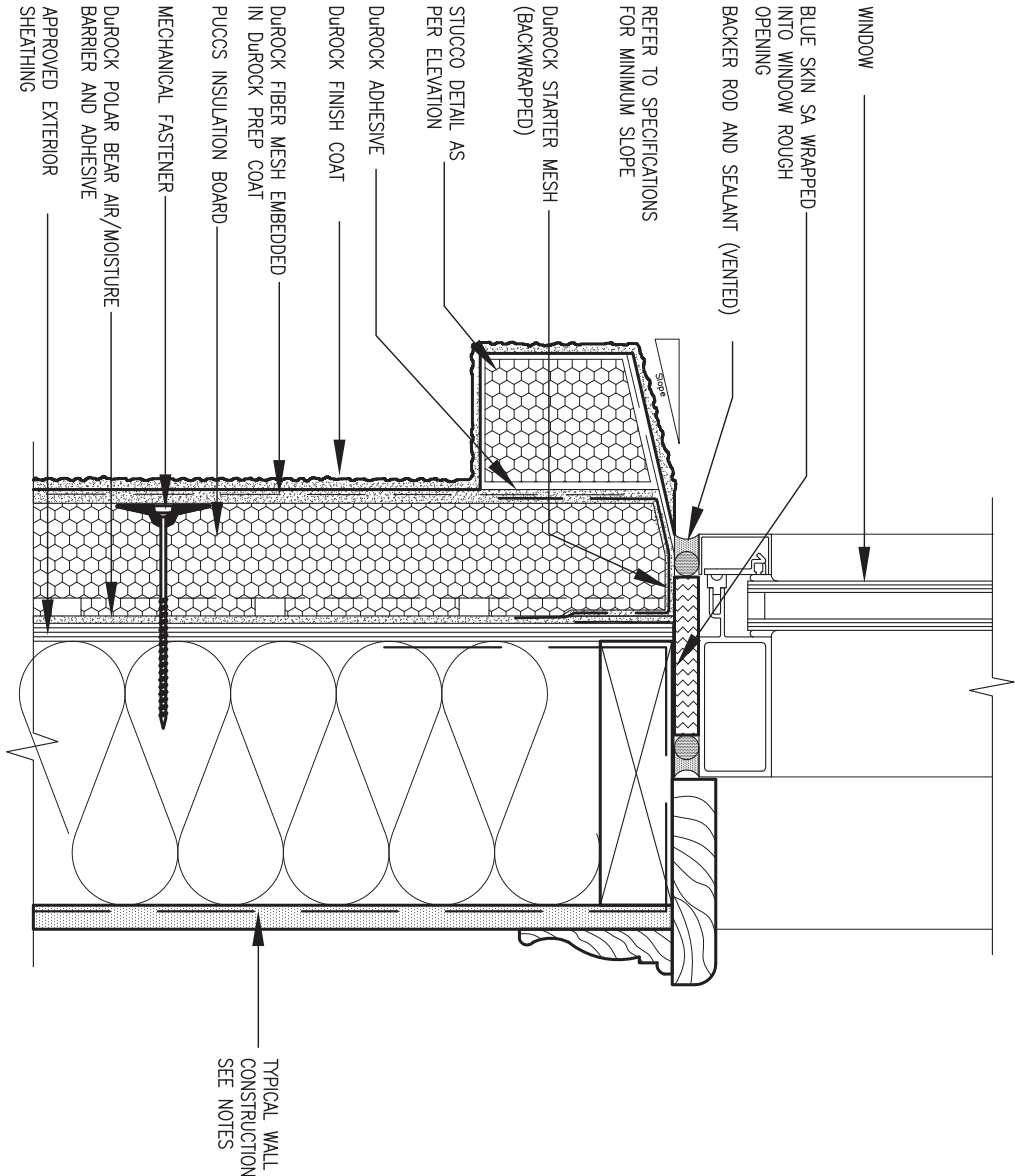
8. ** STUD INFORMATION TAKEN FROM OBC TABLE A-30

9	.	.	.	<div>The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.</div> <div>qualification information</div> <div>Wellington Jno-Baptiste <i>Jno Baptiste</i> 25591</div> <div>name signature BCIN</div> <div>registration information</div> <div>VA3 Design Inc. 42658</div>	<div><div>VA3</div><div>DESIGN</div><div>255 Consumers Rd Suite 120</div><div>Toronto ON M2J 1R4</div><div>t 416.630.2255 f 416.630.4782</div><div>va3design.com</div></div>	<div>BAYVIEW WELLINGTON</div>		<div>CONST NOTE</div> <div>-</div>	
8	.	.	.			<div>project name</div> <div>GREEN VALLEY EAST</div>	<div>municipality</div> <div>BRADFORD</div>	<div>project no.</div> <div>16023</div>	
7	.	.	.			<div>date</div> <div>MAY 2016</div>	<div>CONSTRUCTION NOTES</div>		<div>drawing no.</div> <div>CN2</div>
6	.	.	.			<div>drawn by</div> <div>RC</div>	<div>checked by</div> <div>-</div>	<div>scale</div> <div>3/16" = 1'-0"</div>	<div>file name</div> <div>16023-CN-A1</div>
5	.	.	.			<div>RICHARD - H:\ARCHIVE\WORKING\2016\16023.BW\Units\CN NOTES\16023-CN-A1.dwg - Thu - Jan 11 2018 - 10:08 AM</div>			
4	.	.	.						
3	.	.	.						
2	UPDATE TO 2018	JAN 11-18	RC	<div>Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.</div>					
1	ISSUE FOR CLIENT REVIEW	AUG 04-17	RC						
no.	description	date	by						



1 WINDOW HEADER
CN3 SCALE: 3"=1'-0"

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



2 WINDOW SILL
CN3 SCALE: 3"=1'-0"

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2	UPDATE TO 2018	JAN 11-18	RC
1	ISSUE FOR CLIENT REVIEW	AUG 04-17	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
VA3 Design Inc. 42658

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

VA3
DESIGN

255 Consumers Rd Suite 120
Toronto ON M2J 1R4
t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON

project name GREEN VALLEY EAST
municipality BRADFORD

CONST NOTE

project no. 16023

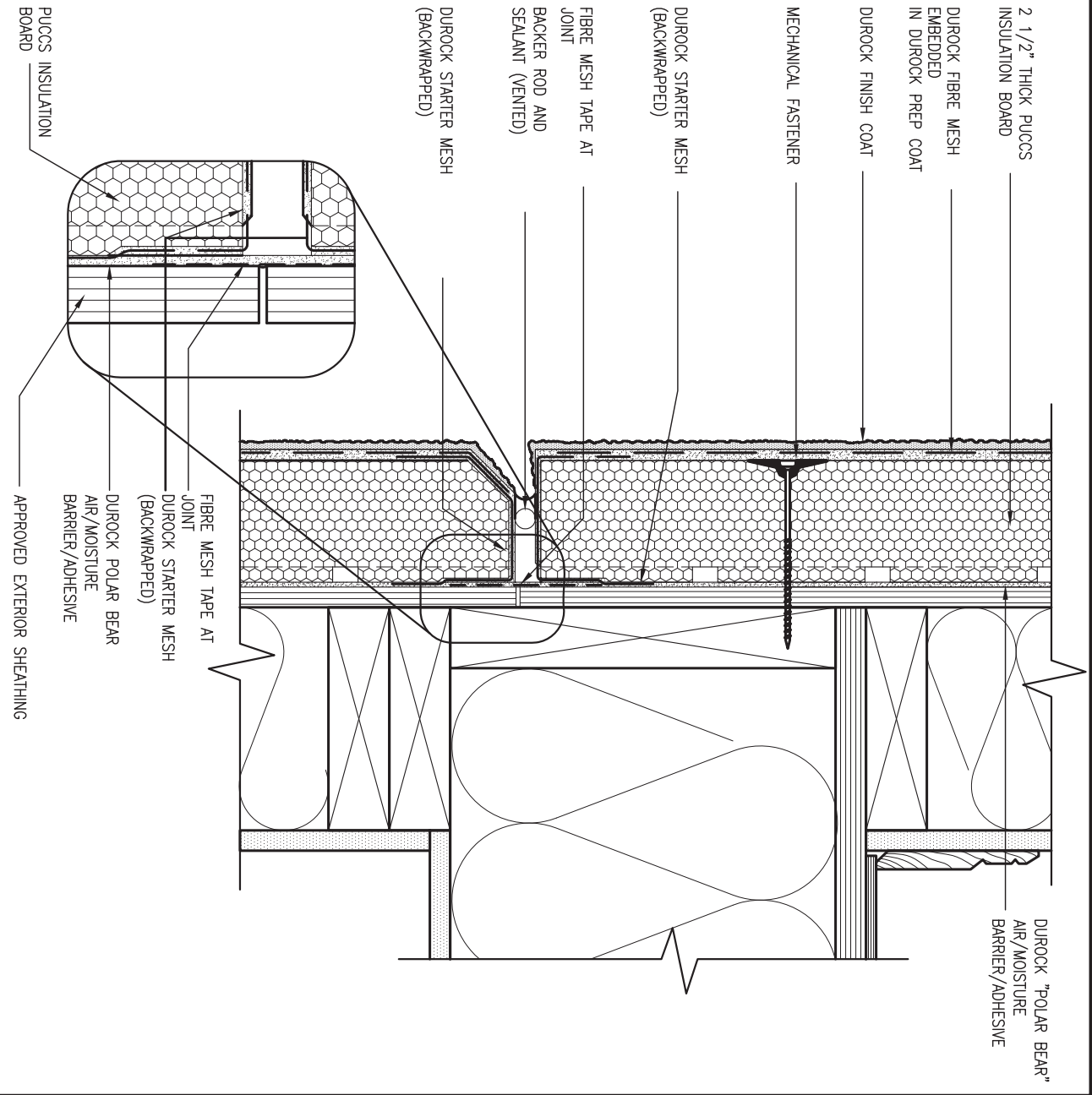
CONSTRUCTION NOTES

date MAY 2016
drawn by RC
checked by -
scale 3/16" = 1'-0"
file name 16023-CN-A1

CN3

drawing no.

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4 HORIZONTAL EXPANSION JOINT

CN4 SCALE: 3"=1'-0"

$$\frac{3}{CN4}$$

SCALE: 3"=1'-0"

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

DETAILS ARE BASED ON DUROCK PUCCS SYSTEM

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>J. Baptiste</i> 25591
6	-	-	name signature BCIN
5	-	-	registration information
4	-	-	VA3 Design Inc. 42658
3	-	-	
2	UPDATE TO 2018	JAN 11-18	RC
1	ISSUE FOR CLIENT REVIEW	AUG 04-17	RC
no.	description	date	by

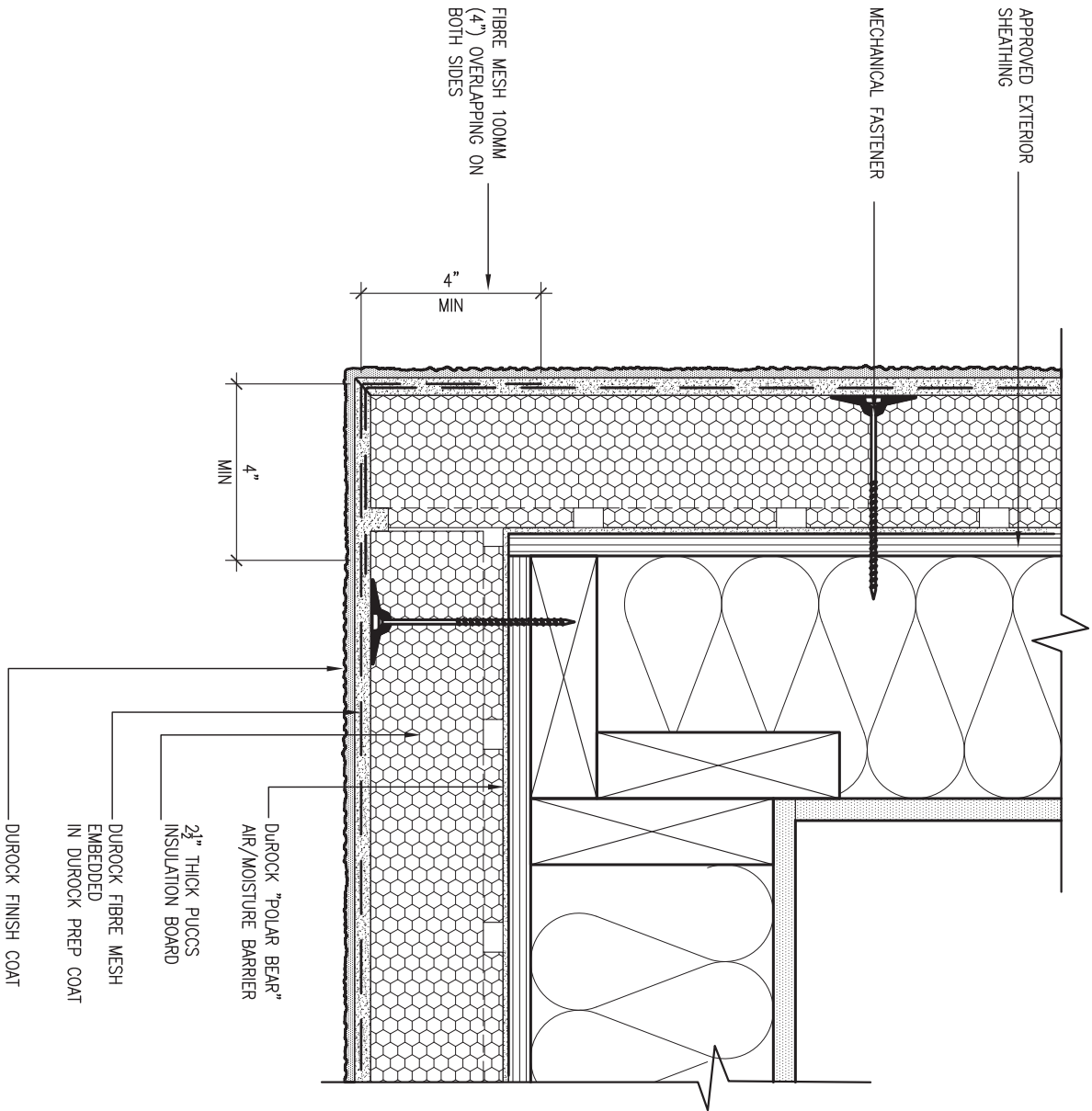
Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.



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BAYVIEW WELLINGTON		CONST NOTE
project name GREEN VALLEY EAST	municipality BRADFORD	project no. 16023
date MAY 2016		CONSTRUCTION NOTES
drawn by RC	checked by -	scale 3/16" = 1'-0"
		file name 16023-CN-A1
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CN4

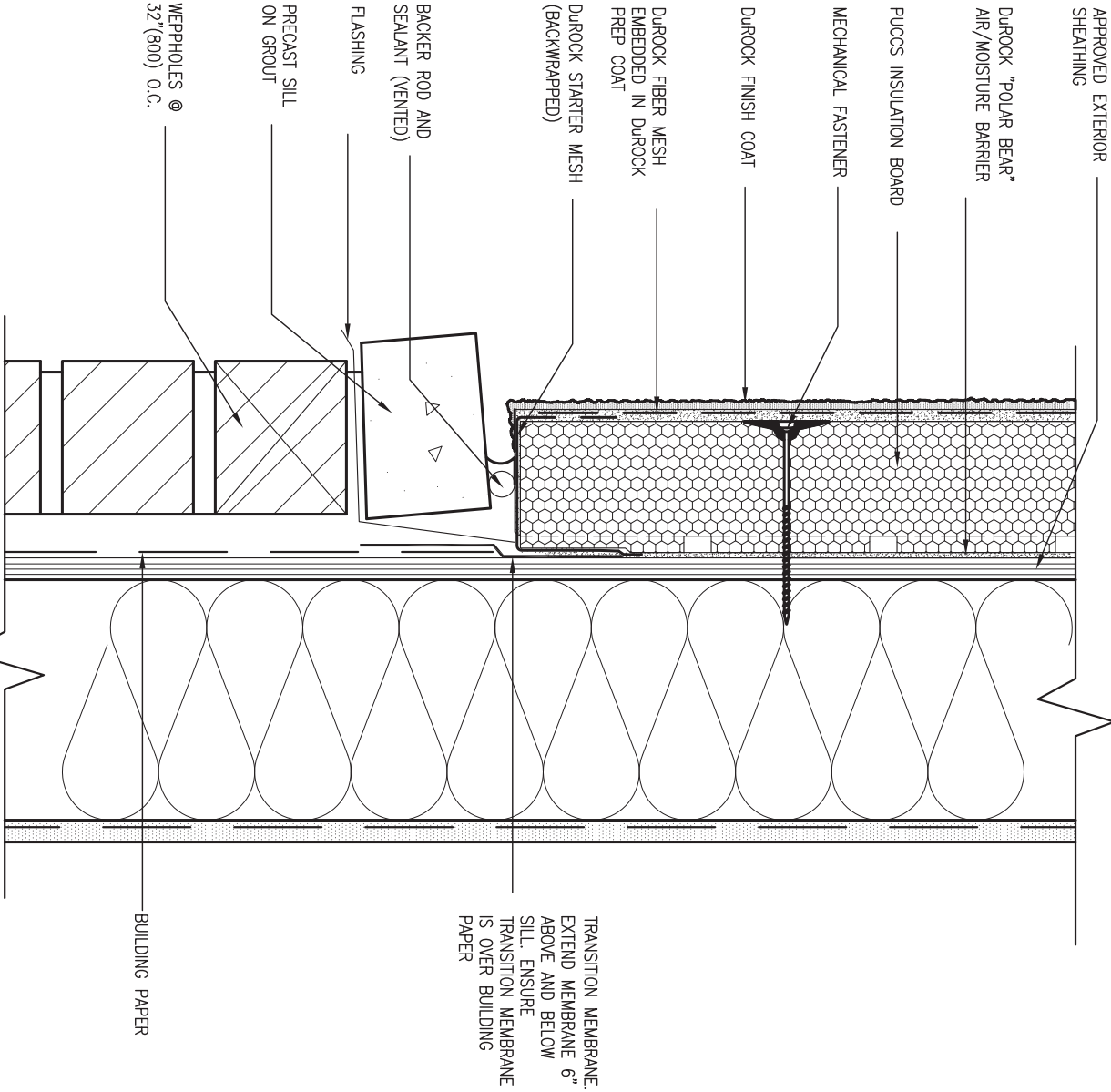


5 CORNER DETAIL

CN5 SCALE: 3"=1'-0"

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

DETAILS ARE BASED ON DUROCK PUCCS SYSTEM



6 STUCCO / MASONRY PLINTH CONNECTION

CN5 SCALE: 3"=1'-0"

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2	UPDATE TO 2018	JAN 11-18	RC
1	ISSUE FOR CLIENT REVIEW	AUG 04-17	RC
no.	description	date	by

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

project name	GREEN VALLEY EAST	municipality	BRADFORD
date	MAY 2016	checked by	RC
drawn by	RC	scale	3/16" = 1'-0"
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CONST NOTE

project no. 16023

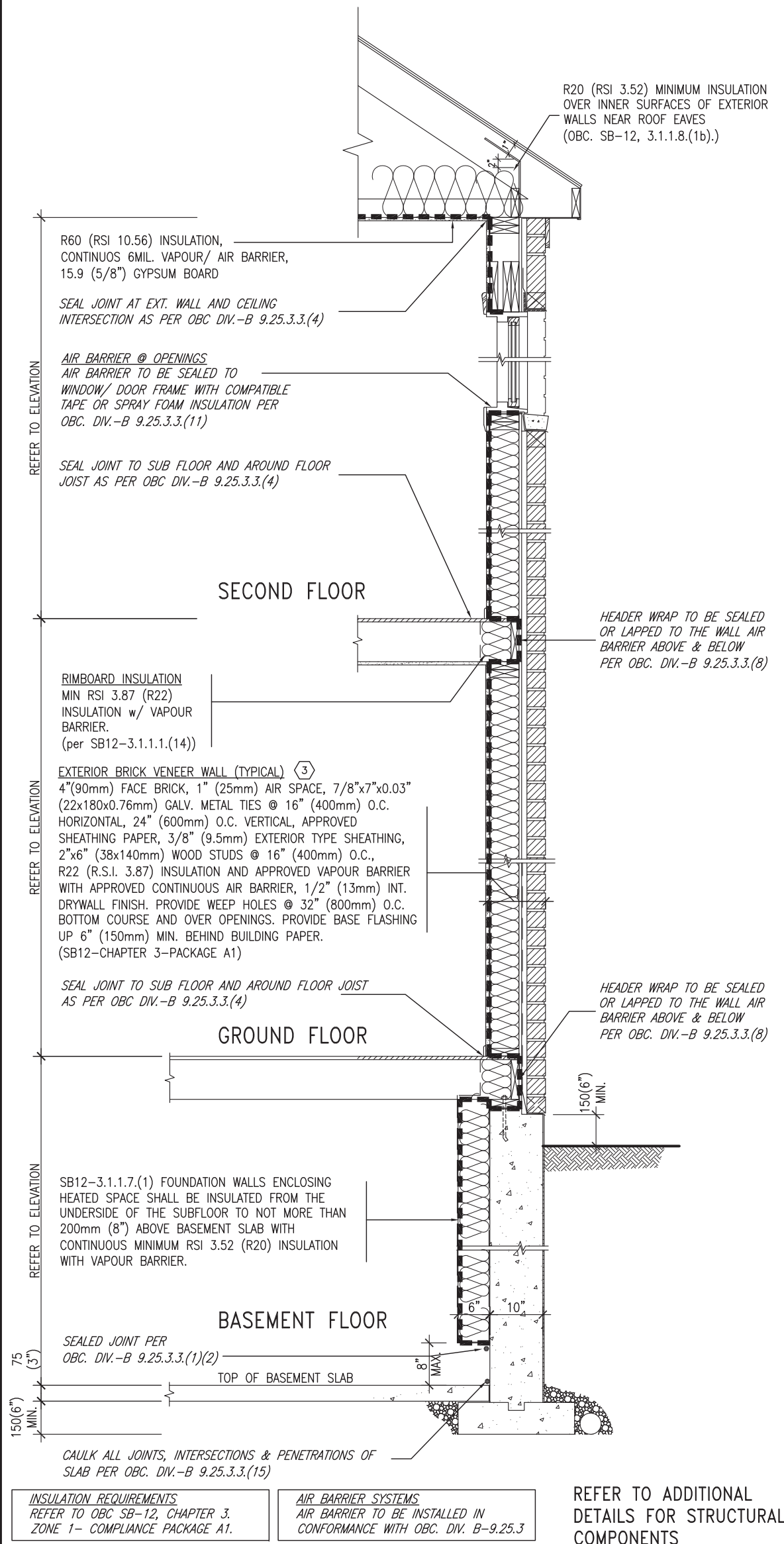
CONSTRUCTION NOTES

file name 16023-CN-A1

drawing no.

CN5

SB12-COMPLIANCE PACKAGE 'A1'

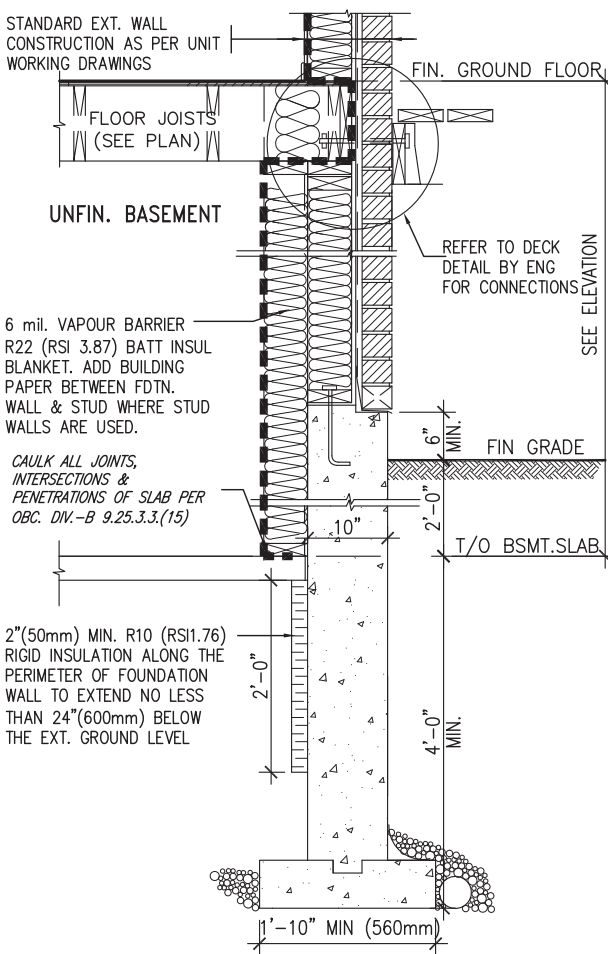
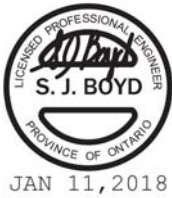


EW TYPICAL EXT. WALL AIR BARRIER CONTINUITY SECTION w/ BRICK VENEER (PACKAGE A1) 10" FOUNDATION WALL SCALE: N.T.S.

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 3.1.1.1.

USE SB-12 COMPLIANCE PACKAGE (A1):		
COMPONENT	A1	Notes:
Ceiling with Attic Space	10.56	R20 at inner face of exterior walls
Minimum RSI (R) value	(R60)	
Ceiling without Attic Space	5.46	BATT or SPRAY
Minimum RSI (R) value	(R31)	
Exposed Floor	5.46	BATT or SPRAY
Minimum RSI (R) value	(R31)	
Walls Above Grade	3.87	6" R22 BATT
Minimum RSI (R) value	(R22)	
Basement Walls	3.52ci	OPTION TO USE R12+R10ci.
Minimum RSI (R) value	(R20ci)	
Edge of Below Grade Slab ≤600mm below grade	1.76	RIGID INSUL
Minimum RSI (R) value	(R10)	
Windows & Sliding glass Doors	1.6	
Maximum U-value		
Skylights		
Maximum U-value	2.8U	
Space Heating Equipment	96% Min.	NATURAL GAS
Minimum AFUE		
Hot Water Heater	0.8	NATURAL GAS
Minimum EF		
HRV	75%	—
Minimum Efficiency		
Drain Water Heat Recovery Unit (DWHR)	Minimum 1 OR Maximum 2 Required. Dependent on number of showers installed. Refer to SB12-3.1.1.12 for information	

ci- Denotes Continuous Insulation without framing interruption.



* REVISED-FEB 2017

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

9	.	.	.	The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.
8	.	.	.	qualification information
7	.	.	.	Wellington Jno-Baptiste 25591
6	.	.	.	signature
5	.	.	.	name
4	.	.	.	registration information
3	.	.	.	VA3 Design Inc. 42658
2	UPDATE TO 2018	JAN 11-18	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	AUG 04-17	RC	
no.	description	date	by	



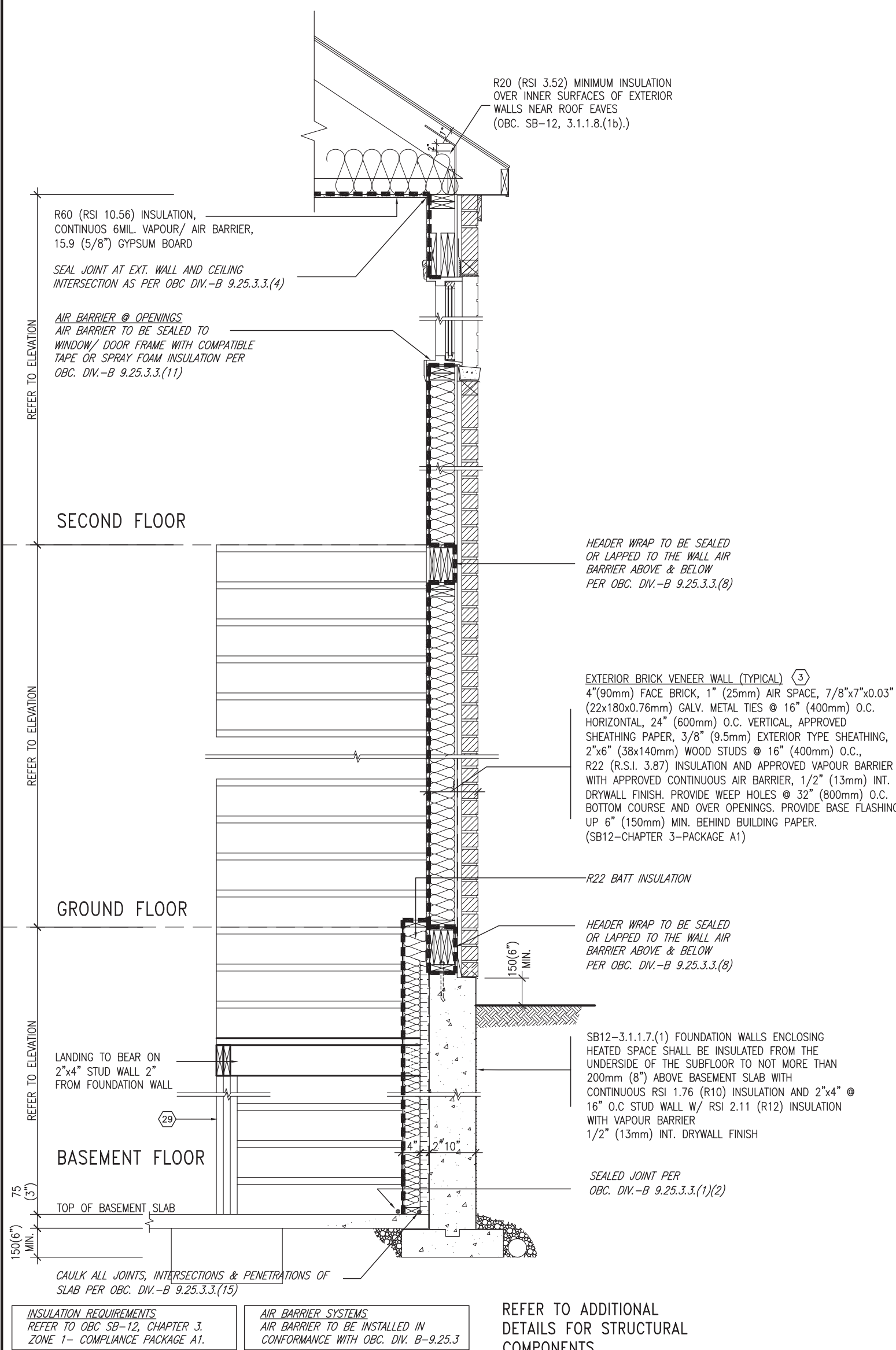
255 Consumers Rd Suite 120
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t 416.630.2255 f 416.630.4782
va3design.com

BAYVIEW WELLINGTON

CONST NOTE

project name	GREEN VALLEY EAST	municipality	BRADFORD	project no.	16023
date	MAY 2016	checked by	scale	file name	16023-CN-A1
drawn by	RC	3/16" = 1'-0"		drawing no.	CN6
RICHARD - H:\ARCHIVE\WORKING\2016\16023.BW\Units\CN NOTES\16023-CN-A1.dwg - Thu - Jan 11 2018 - 10:10 AM					

SB12-COMPLIANCE PACKAGE 'A1'



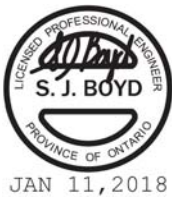
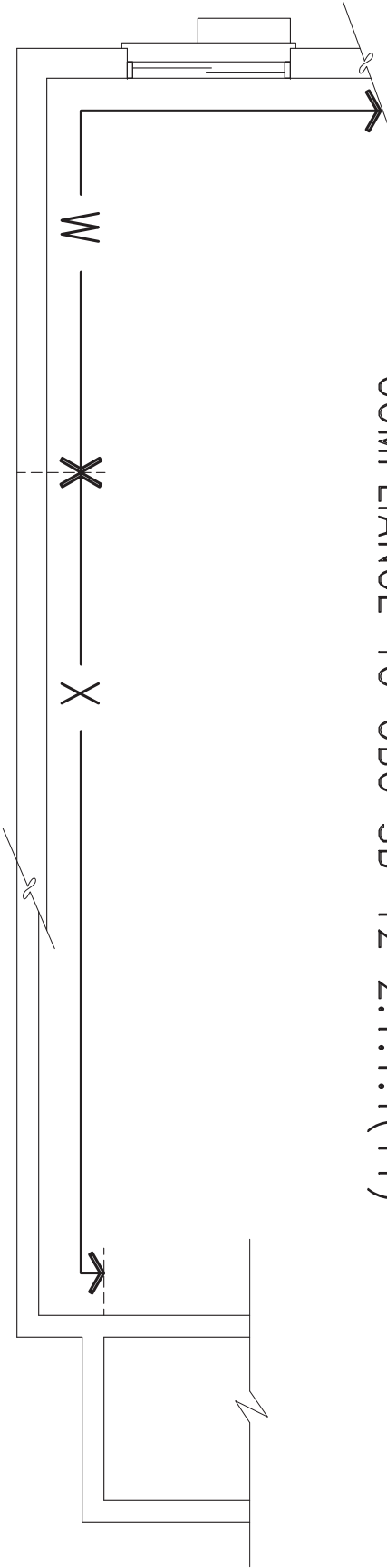
JAN 11, 2018



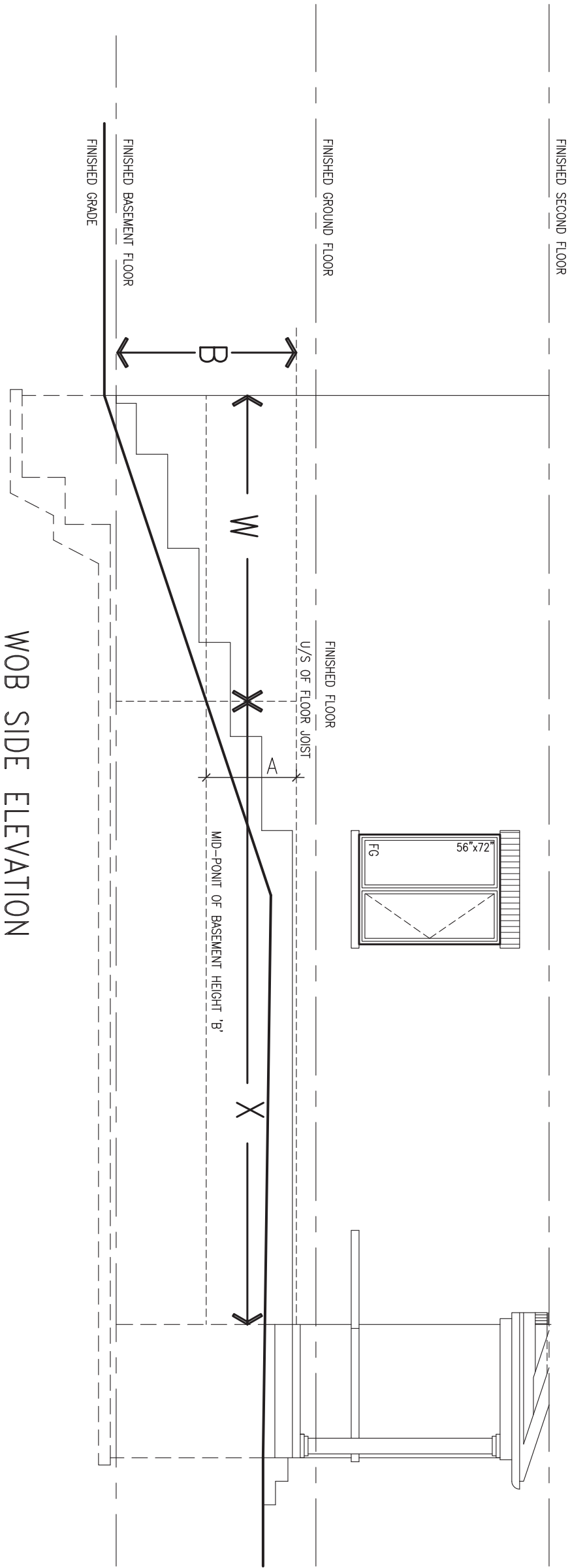
TYPICAL EXT. WALL AIR BARRIER CONTINUITY SECTION w/
BRICK VENEER AT STAIR AND SUNKEN COND (PACKAGE A1)
10" FOUNDATION WALL
SCALE: N.T.S.

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.	<div>VA3 DESIGN</div> <div>255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com</div>	BAYVIEW WELLINGTON		CONST NOTE		
8	-	-	-	qualification information		project name		project no.		
7	-	-	-	Wellington Jno-Baptiste		25591	GREEN VALLEY EAST		16023	
6	-	-	-	signature		BCIN	municipality		BRADFORD	
5	-	-	-	name		42658	date		MAY 2016	
4	-	-	-	registration information		drawn by		checked by		
3	-	-	-	VA3 Design Inc.		scale		3/16" = 1'-0"		
2	UPDATE TO 2018	JAN 11-18	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.		CONSTRUCTION NOTES		file name		
1	ISSUE FOR CLIENT REVIEW	AUG 04-17	RC			RICHARD - H:\ARCHIVE\WORKING\2016\16023.BW\Units\CN NOTES\16023-CN-A1.dwg - Thu - Jan 11 2018 - 10:10 AM		16023-CN-A1		
no.	description		date	by				drawing no.		

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	.	.	.	<div>The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.</div> <div>qualification information</div> <div>Wellington Jno-Baptiste <i>Jno Baptiste</i> 25591</div> <div>name signature BCIN</div> <div>registration information VA3 Design Inc. 42658</div>	<div>VA3 DESIGN</div> <div>255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com</div>	BAYVIEW WELLINGTON		CONST NOTE			
8	.	.	.			project name GREEN VALLEY EAST		municipality BRADFORD	project no. 16023		
7	.	.	.			date MAY 2016		CONSTRUCTION NOTES			drawing no.
6	.	.	.			drawn by RC		checked by -	scale 3/16" = 1'-0"	file name 16023-CN-A1	CN8
5	.	.	.	RICHARD - H:\ARCHIVE\WORKING\2016\16023.BW\Units\CN NOTES\16023-CN-A1.dwg - Thu - Jan 11 2018 - 10:09 AM							
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2	UPDATE TO 2018	JAN 11-18	RC	<div>Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.</div>							
1	ISSUE FOR CLIENT REVIEW	AUG 04-17	RC								
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2	UPDATE TO 2018	JAN 11-18	RC
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qualification information

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

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BAYVIEW WELLINGTON

CONST NOTE

project name
GREEN VALLEY EAST

municipality
BRADFORD

project no.
16023

date
MAY 2016

CONSTRUCTION NOTES

drawing no.

drawn by

checked by

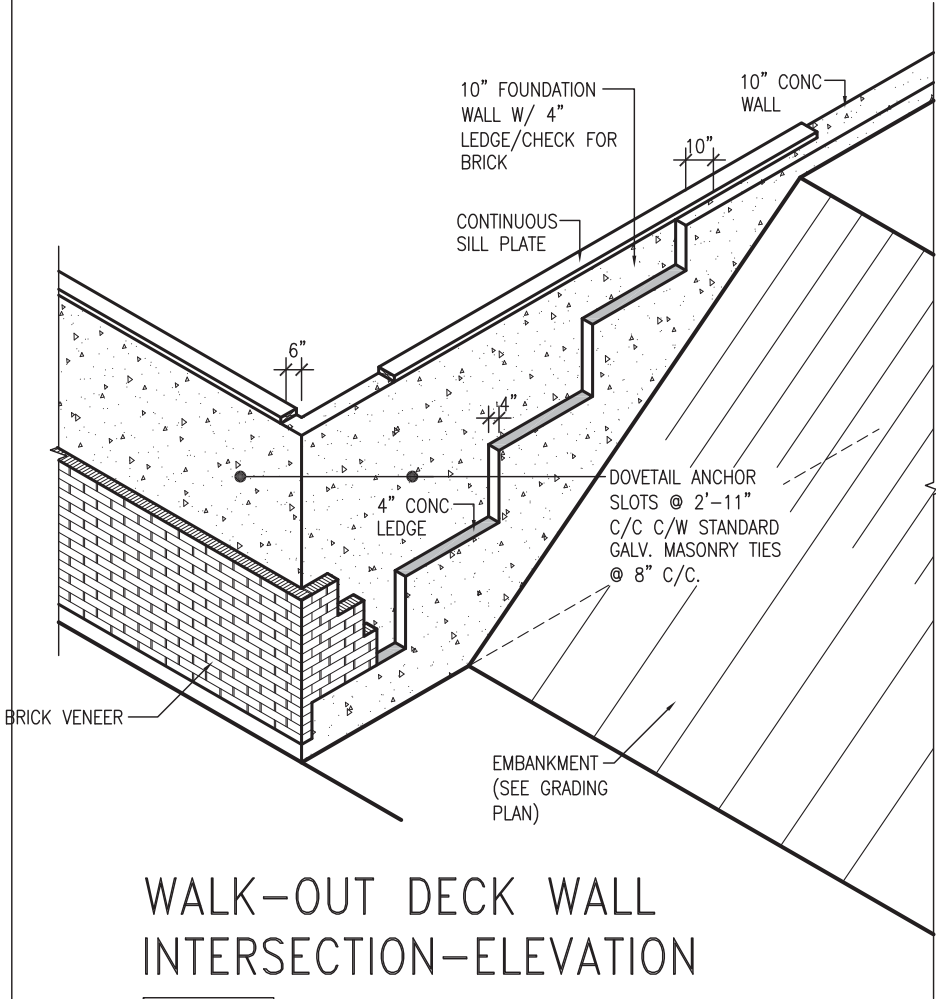
scale

$$\frac{3}{16}'' = 1'-0'' \text{ scale}$$

file name

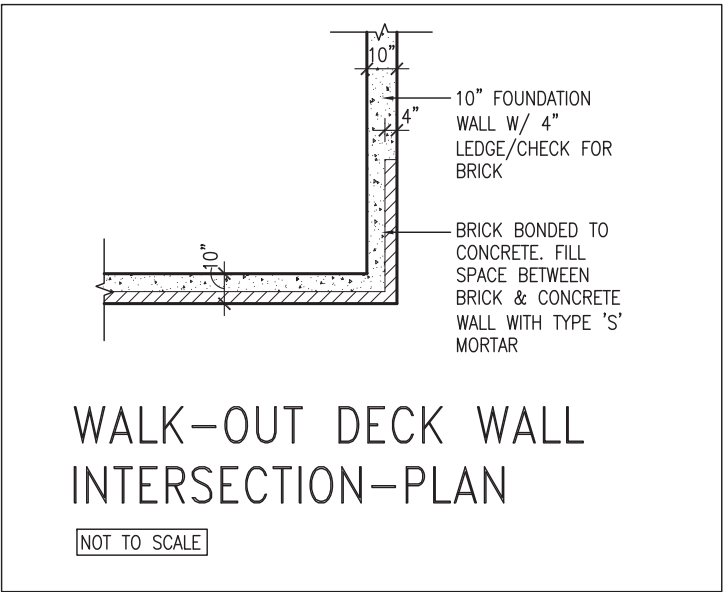
CN9

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WALK-OUT DECK WALL INTERSECTION-ELEVATION

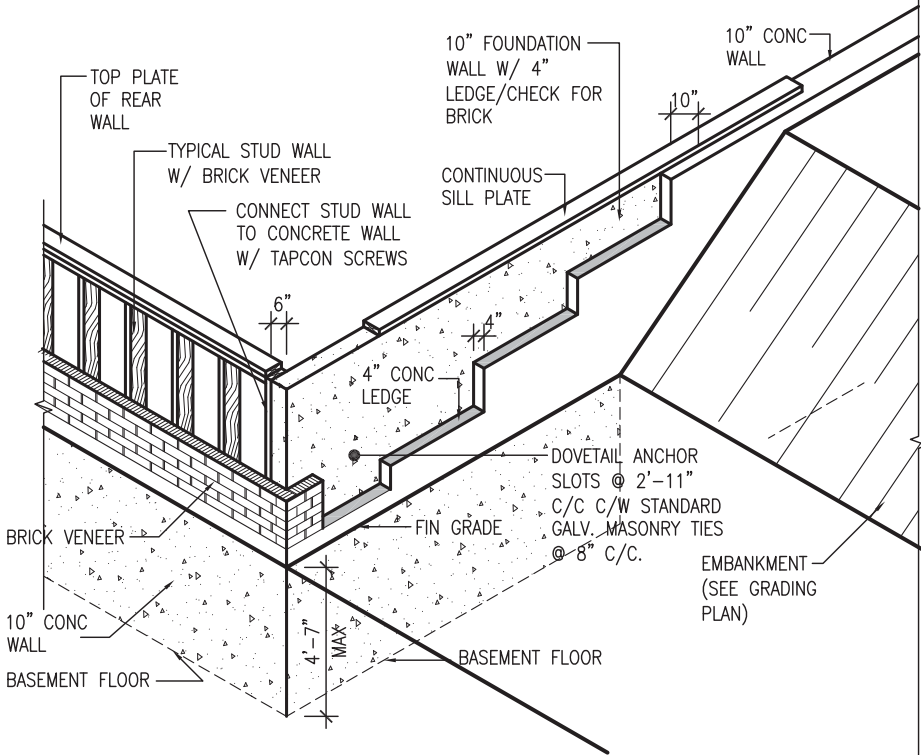
NOT TO SCALE



WALK-OUT DECK WALL INTERSECTION-PLAN

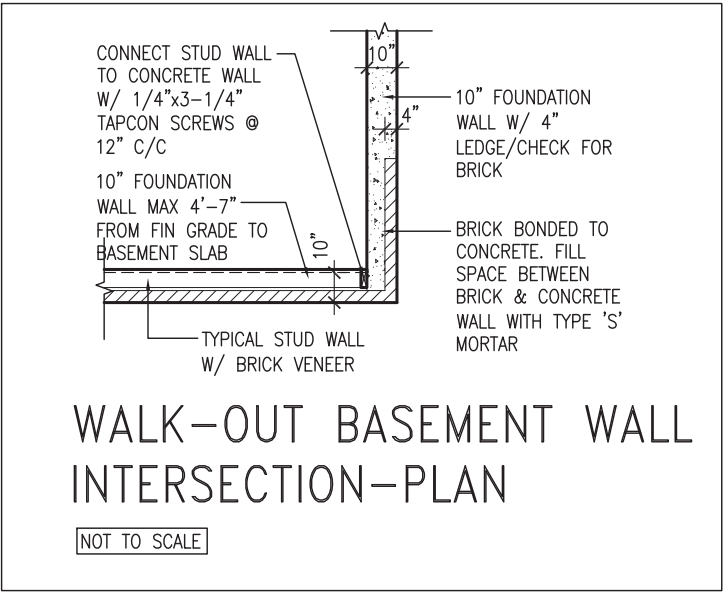
NOT TO SCALE

(10" FOUNDATION WALL)



WALK-OUT DECK WALL INTERSECTION-ELEVATION MAX 4'-7" BACKFILL

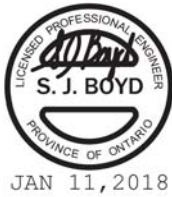
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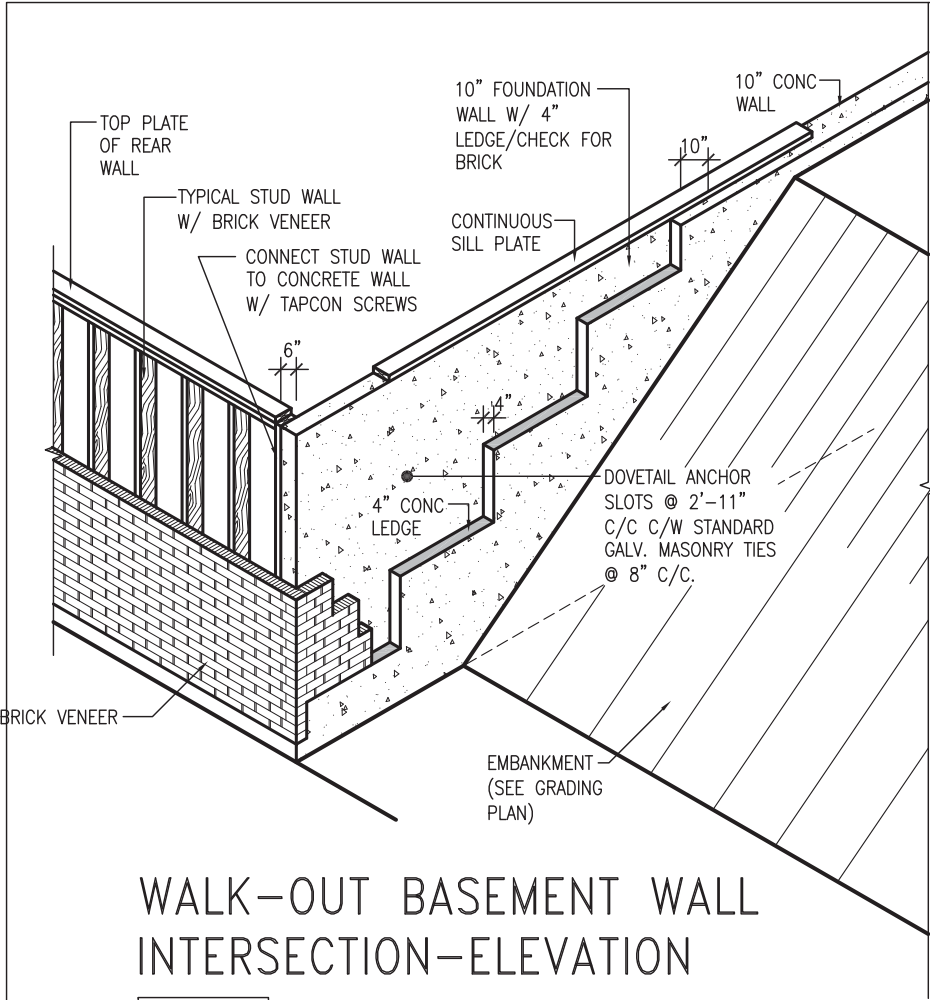
WALK-OUT BASEMENT WALL INTERSECTION-PLAN

NOT TO SCALE

(10" FOUNDATION WALL)

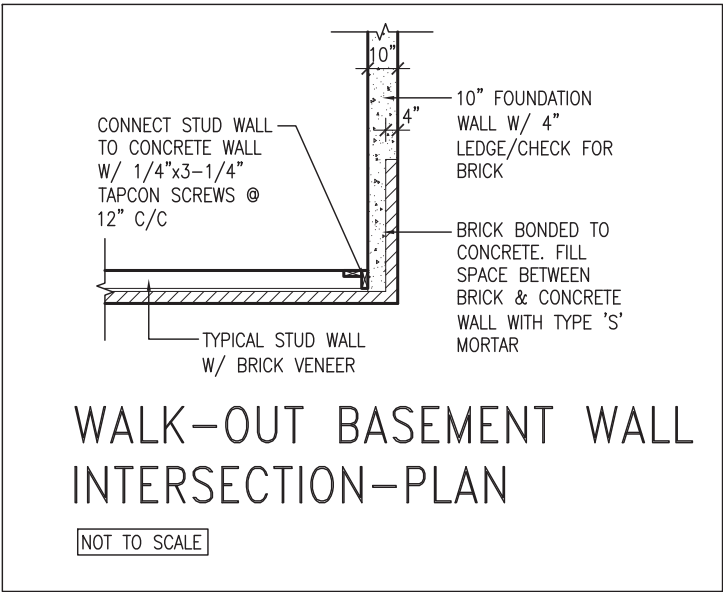


9	.	.	.	The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.	<div><div>VA3</div><div>DESIGN</div><div>255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com</div></div>	BAYVIEW WELLINGTON		CONST NOTE		
8	.	.	.	qualification information		project name		municipality	project no.	
7	.	.	.	Wellington Jno-Baptiste		25591	GREEN VALLEY EAST		BRADFORD	16023
6	.	.	.	signature		BCIN	date		CONSTRUCTION NOTES	
5	.	.	.	name		42658	MAY 2016		file name	
4	.	.	.	registration information		drawn by		checked by	scale	
3	.	.	.	VA3 Design Inc.		RC		-	3/16" = 1'-0"	
2	UPDATE TO 2018	JAN 11-18	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.		RICHARD - H:\ARCHIVE\WORKING\2016\16023.BW\Units\CN NOTES\16023-CN-A1.dwg - Thu - Jan 11 2018 - 10:09 AM		16023-CN-A1		
1	ISSUE FOR CLIENT REVIEW	AUG 04-17	RC					CN10		
no.	description		date	by						



WALK-OUT BASEMENT WALL INTERSECTION-ELEVATION

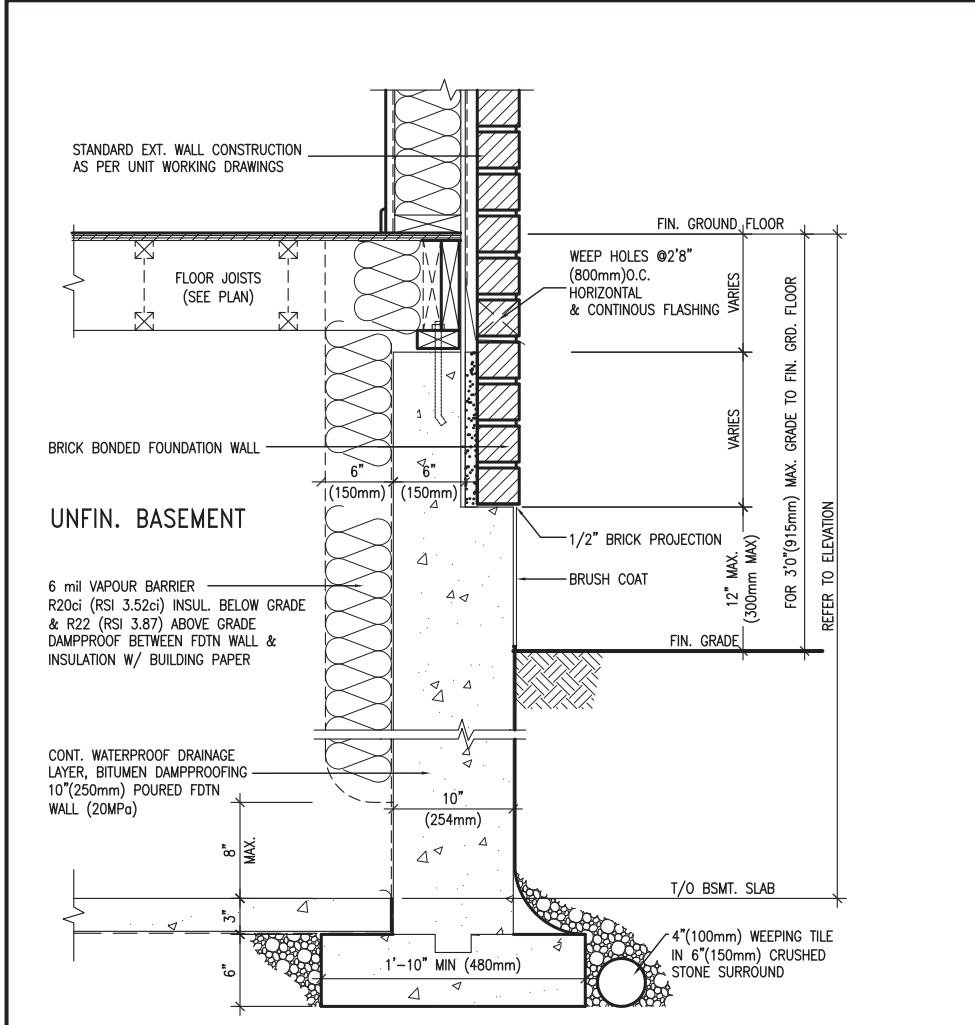
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WALK-OUT BASEMENT WALL INTERSECTION-PLAN

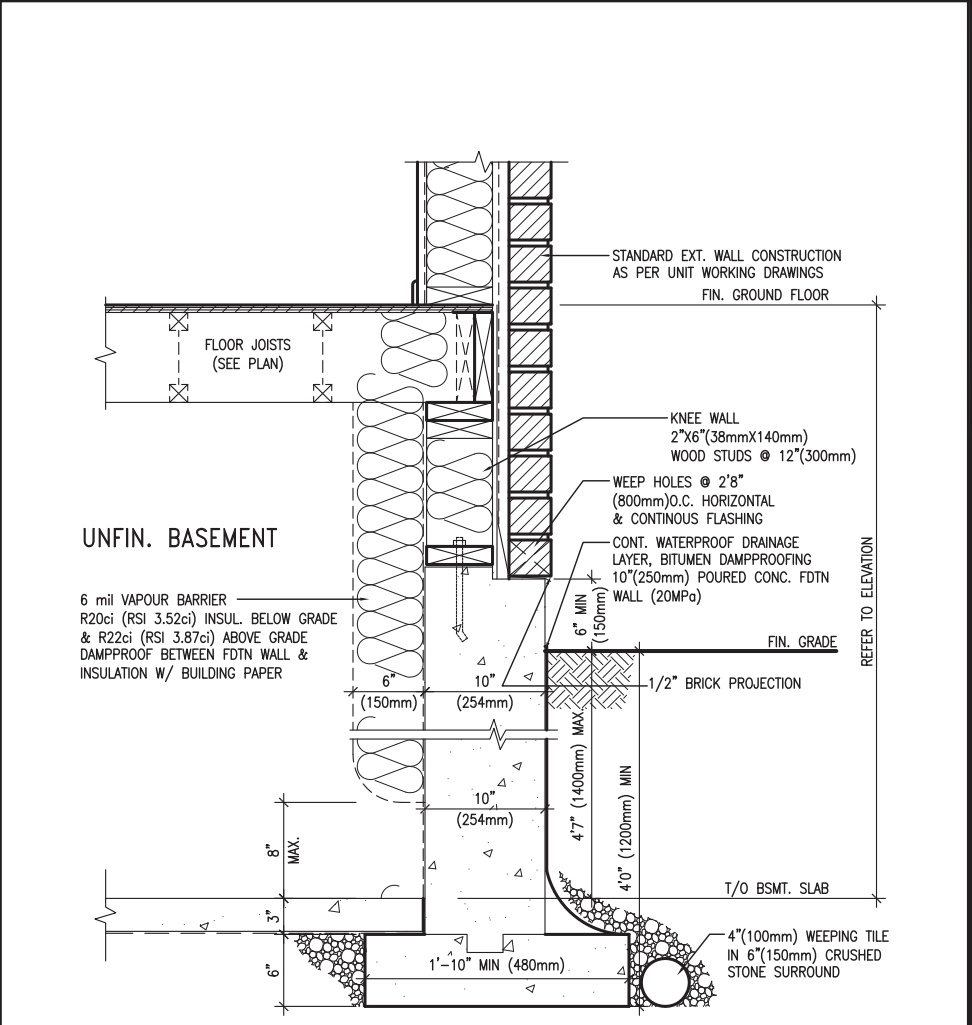
NOT TO SCALE

(10" FOUNDATION WALL)



WALL SECTION FOR GRADE TO FIN. FLOOR MORE THAN 4'7" (1400mm) HEIGHT DIFFERENCE

SCALE: N.T.S.



WALL SECTION FOR GRADE TO BASEMENT SLAB 4'7" (1400mm) MAX. HEIGHT DIFFERENCE

SCALE: N.T.S.



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name	signature	
registration information		
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BAYVIEW WELLINGTON

CONST NOTE

project name	GREEN VALLEY EAST	municipality	BRADFORD	project no.	16023
date	MAY 2016	checked by	scale	file name	16023-CN-A1
drawn by	RC		3/16" = 1'-0"		
CONSTRUCTION NOTES					drawing no. CN11
RICHARD - H:\ARCHIVE\WORKING\2016\16023.BW\Units\CN NOTES\16023-CN-A1.dwg - Thu - Jan 11 2018 - 10:09 AM					