

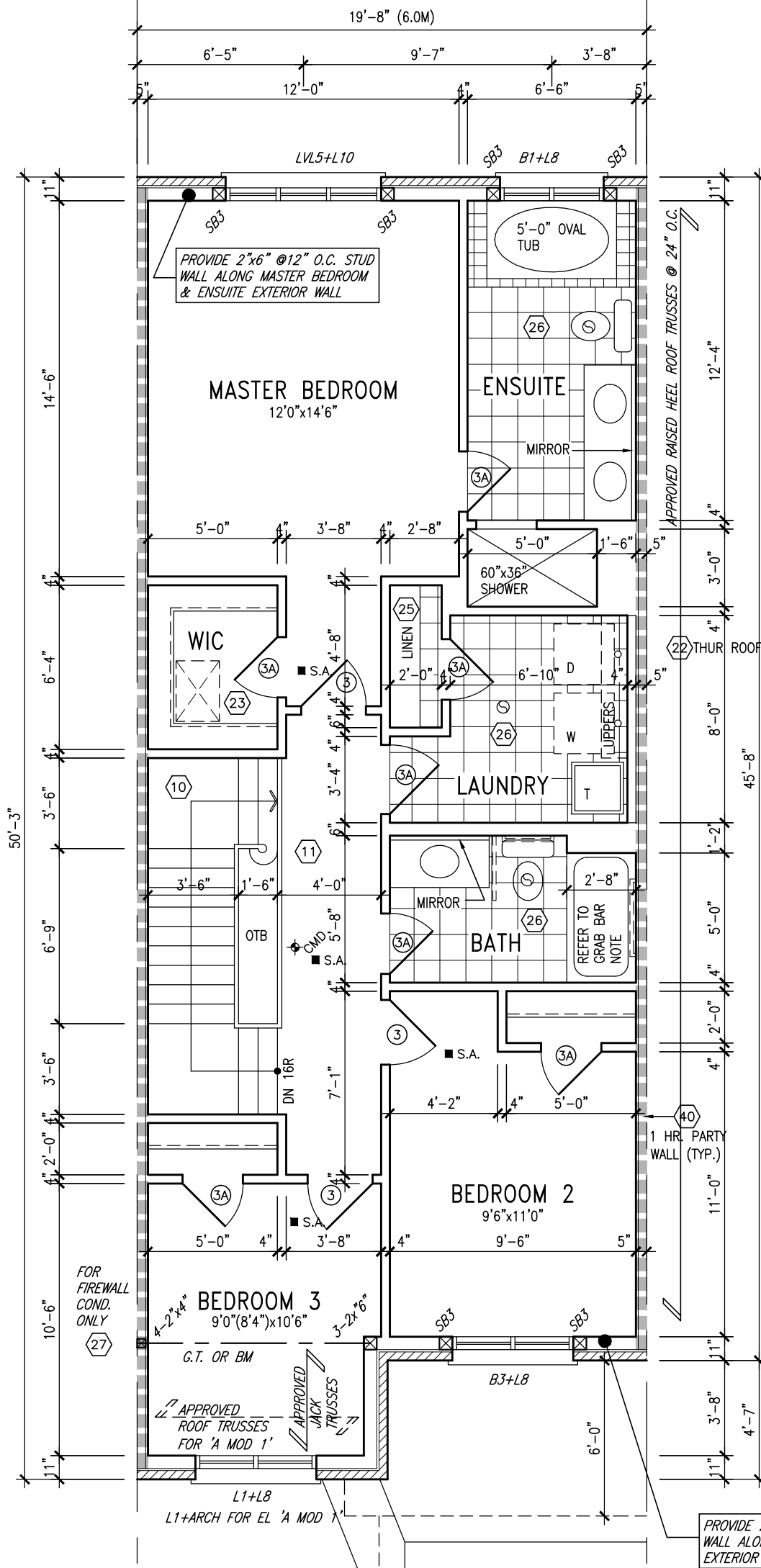
This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Town of BRADFORD / WEST GWILLIMBURY.



|   |  |                                 |  |                               |  |
|---|--|---------------------------------|--|-------------------------------|--|
| project name<br><b>GREEN VALLEY ESTATES</b>   |  | municipality<br><b>BRADFORD</b> |  | project no.<br><b>13045</b>   |  |
| date<br><b>APR 2014</b>   |  | drawing no.<br><b>1</b>         |  |                               |  |
| drawn by<br><b>RC</b>   |  | checked by<br><b>-</b>          |  | scale<br><b>3/16" = 1'-0"</b> |  |
|   |  |                                 |  | file name<br><b>13045-TH1</b> |  |
| RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\6.0M TOWNS\13045-TH1.dwg - Thu - Jul 23 2015 - 9:19 AM |  |                                 |  |                               |  |



INDICATES FIRE RATED WALL ASSEMBLY



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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:

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

NOTE:

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

### ENGINEERED FLOOR SUBFLOORS

ALL SUBFLOORS TO BE 3/4" PLYWOOD AND TO BE GLUED AND NAILED ON THIS FLOOR FOR ENGINEERED JOIST ONLY.

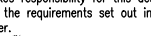

## SECOND FLOOR PLAN 'A'

NOTE: ROOF FRAMING

**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

|     |  |           |    |   |
|-----|--|-----------|----|---|
| 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   |
| 6   | .                                      | .         | .  | <b>Wellington Jno-Baptiste</b>  25591  |
| 5   | REVISED EXT. COLS                      | MAY 25-15 | AF | name BCIN   |
| 4   | ADD COLD CELLAR, 5'-0 FROST PROTECTION | JUL 21-14 | QC | registration information  |
| 3   | REVISED AS PER ENG COMMENTS            | MAY 30-14 | RS | <b>V&amp;S Design Inc.</b>  42658  |
| 2   | REVISED AS PER TRUSS COORDINATION      | MAY 17-14 | RC | Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled. |
| 1   | ISSUE FOR CLIENT REVIEW                | MAY 07-14 | RC |   |
| no. | description                            | date      | by |   |



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

## BAYVIEW WELLINGTON

**TH1**  
NAPA 1

|                      |              |
|----------------------|--------------|
| project name         | municipality |
| GREEN VALLEY ESTATES | BRADFORD     |

project no.  
13045

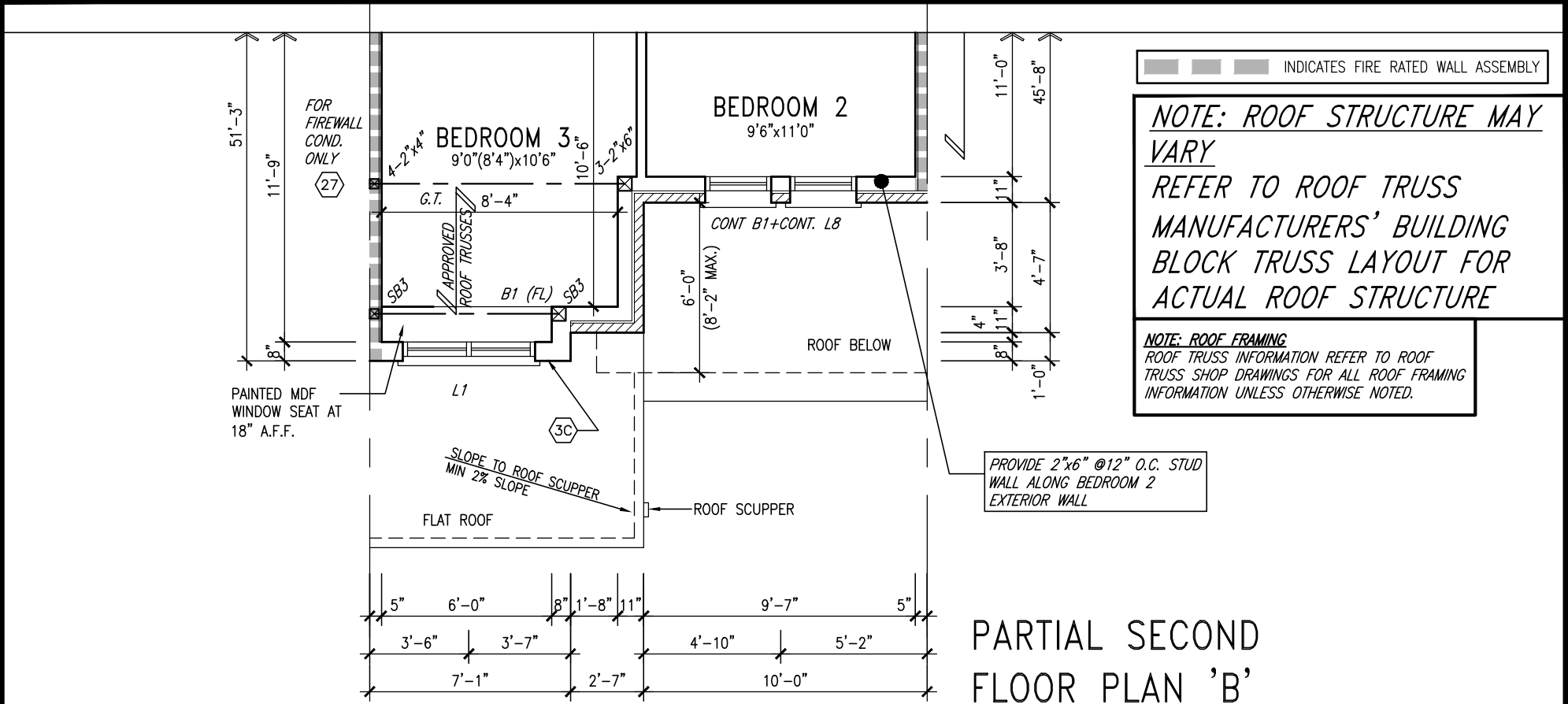
date APR 2014 SECOND FLOOR PLAN

SECOND FLOOR PLAN

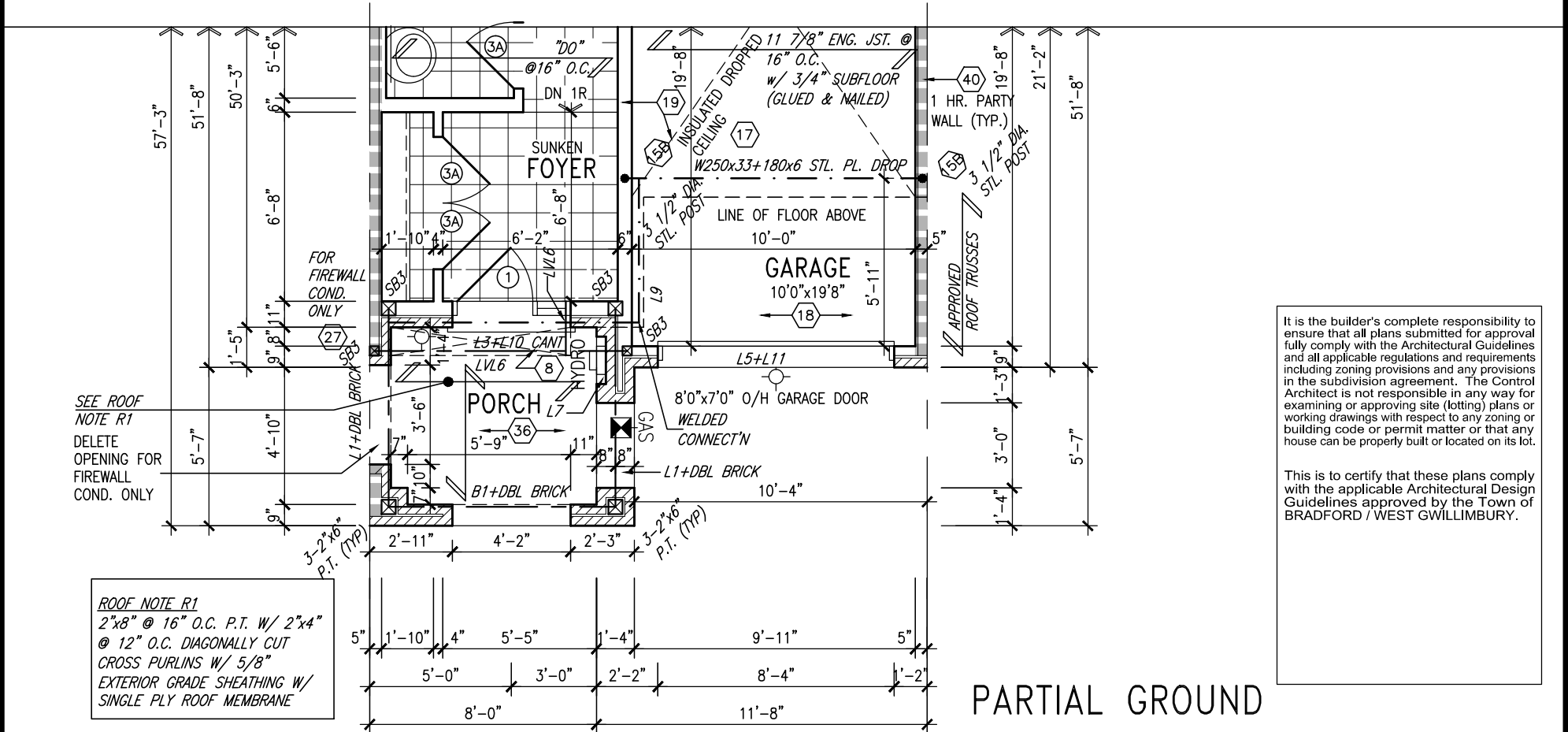
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|   |            |               |           |
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| drawn by  | checked by | scale         | file name |
| RC  | -          | 3/16" = 1'-0" | 13045-TH1 |
| RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\6.0M TOWNS\13045-TH1.dwg - Thu - Jul 23 2015 - 9:19 AM |            |               |           |

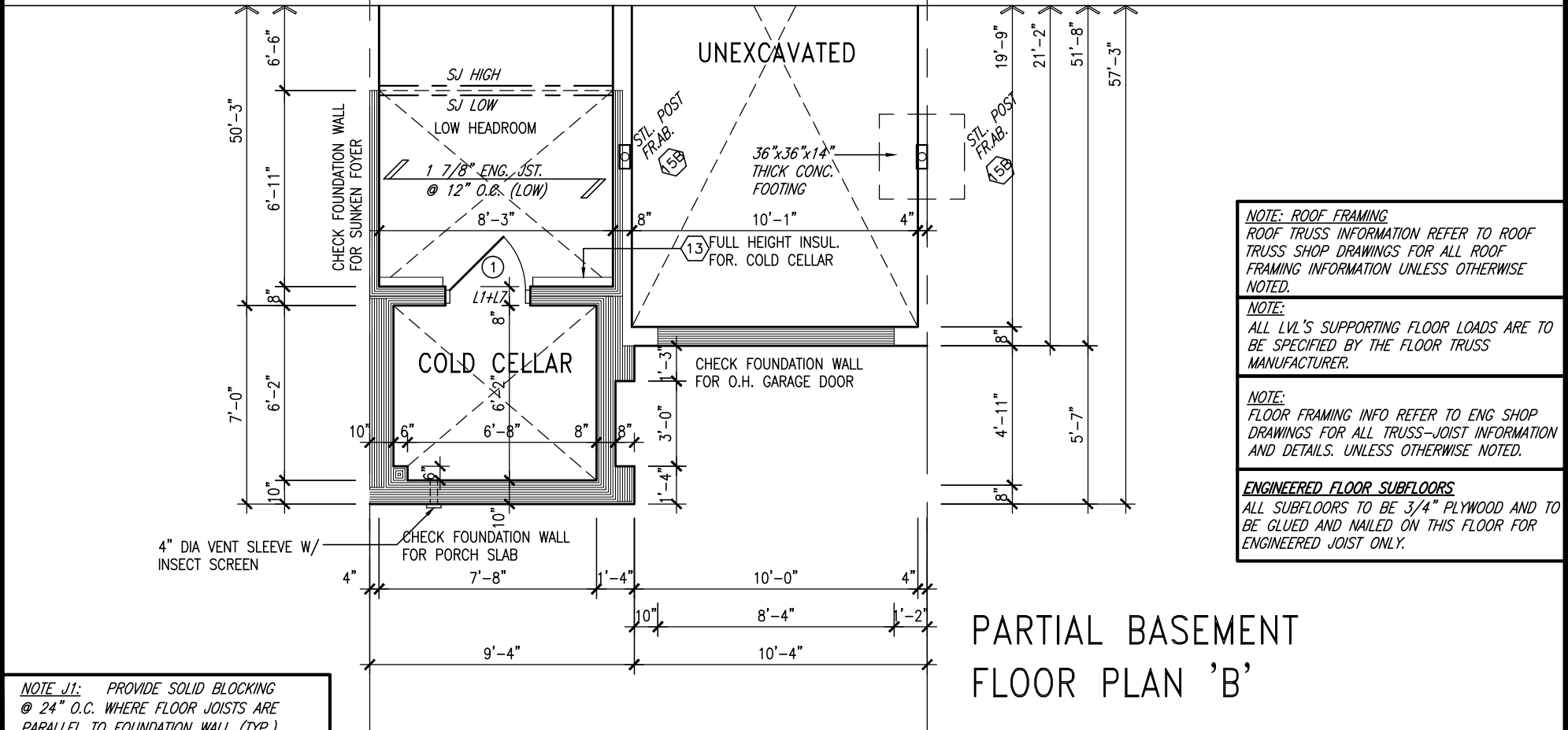
6



PARTIAL SECOND FLOOR PLAN 'B'



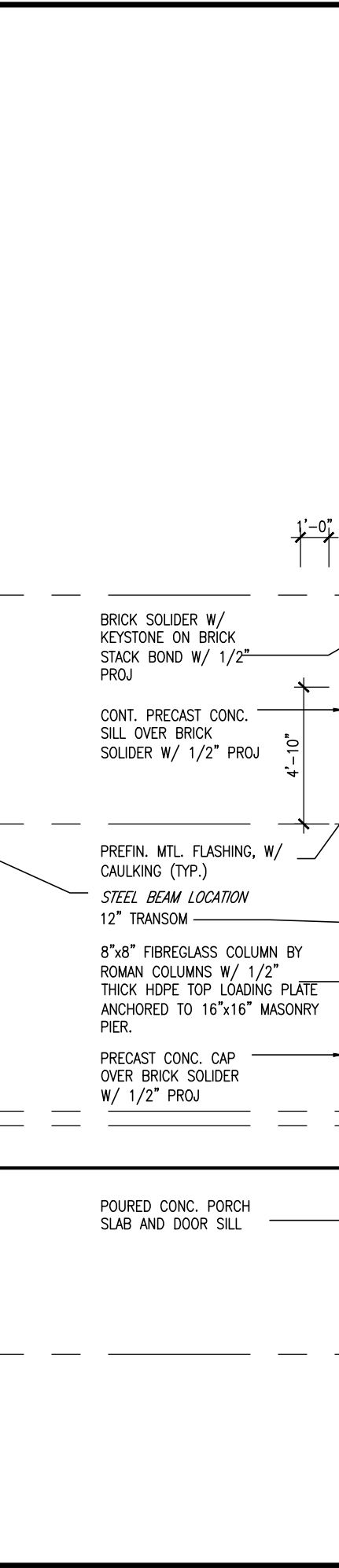
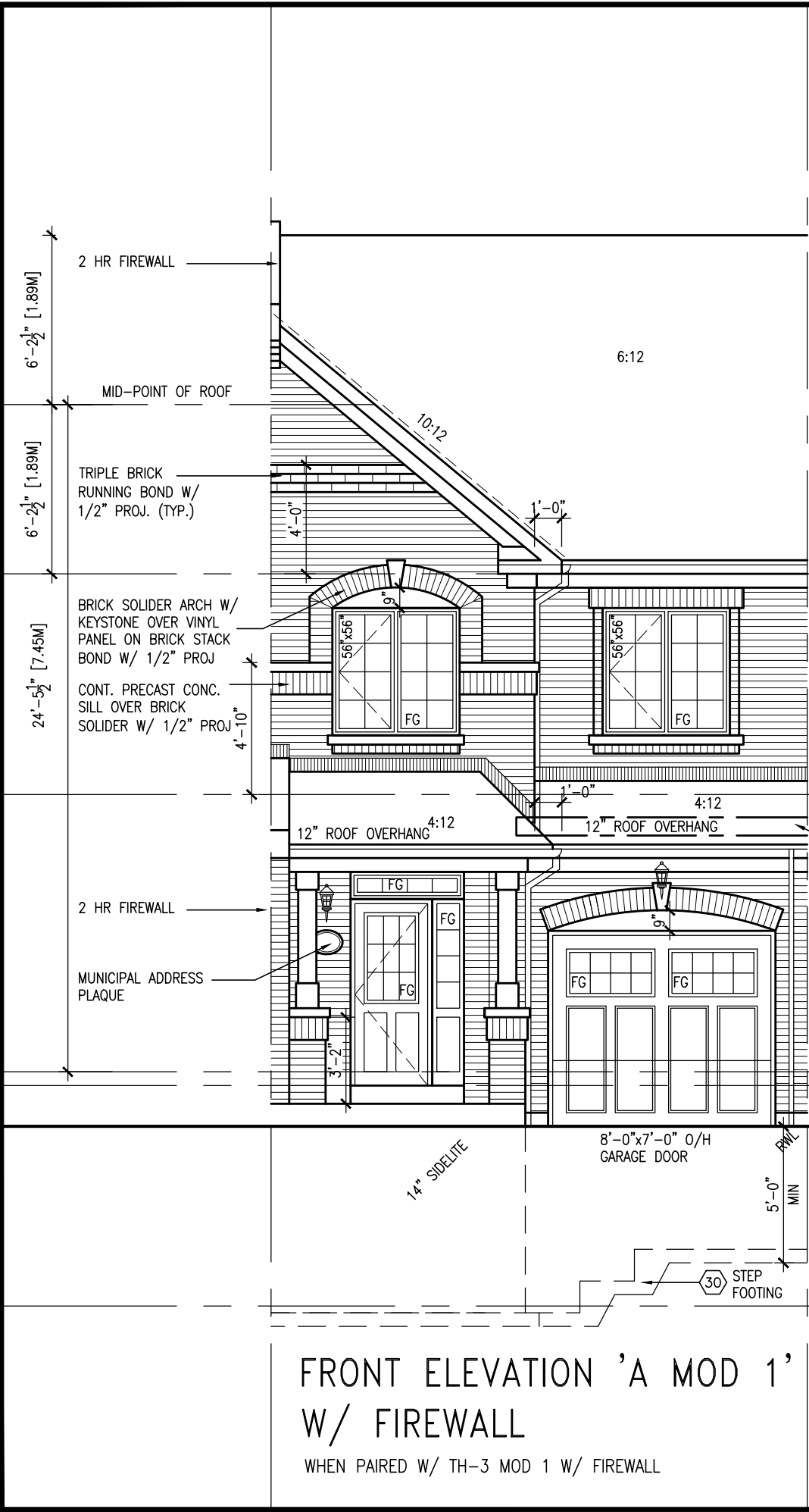
PARTIAL GROUND FLOOR PLAN 'B'



PARTIAL BASEMENT FLOOR PLAN 'B'

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

|     |   |           |   |   |  |  |
|-----|---|-----------|---|---|--|--|
| 9.  | .                                       | .         | The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.  | <b>VA3 DESIGN</b><br>300A Wilson Avenue<br>Toronto ON M3H 1S8<br>t 416.630.2255 f 416.630.4782<br>va3design.com | <b>BAYVIEW WELLINGTON</b><br>project name<br><b>GREEN VALLEY ESTATES</b><br>municipality<br><b>BRADFORD</b><br>date<br><b>APR 2014</b><br>drawn by<br><b>RC</b><br>checked by<br><b>-</b><br>scale<br><b>3/16" = 1'-0"</b> | <b>TH1</b><br>NAPA 1<br>project no.<br><b>13045</b><br>drawing no.<br><b>4</b> |
| 8.  | .                                       | .         | qualification information   |   |  |  |
| 7.  | .                                       | .         | Wellington Jno-Baptiste 25591<br>name<br>registration information<br>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. |   |  |  |
| 5.  | REVISED EXT. COLS                       | MAY 25-15 | AF  |   |  |  |
| 4.  | ADD COLD CELLAR, 5'-0" FROST PROTECTION | JUL 21-14 | QS  |   |  |  |
| 3.  | REVISED AS PER ENG COMMENTS             | MAY 30-14 | RC  |   |  |  |
| 2.  | REVISED AS PER TRUSS COORDINATION       | MAY 17-14 | RC  |   |  |  |
| 1.  | ISSUE FOR CLIENT REVIEW                 | MAY 07-14 | RC  |   |  |  |
| no. | description                             | date      | by  |   |  |  |



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|-----|--|-----|--|--------------------|--|--------|--|-------------|--|-------|--|
| 9 . |  | TH1 |  | BAYVIEW WELLINGTON |  | NAPA 1 |  | project no. |  | 13045 |  |
| 8 . |  | TH1 |  | BAYVIEW WELLINGTON |  | NAPA 1 |  | project no. |  | 13045 |  |
| 7 . |  | TH1 |  | BAYVIEW WELLINGTON |  | NAPA 1 |  | project no. |  | 13045 |  |
| 6 . |  | TH1 |  | BAYVIEW WELLINGTON |  | NAPA 1 |  | project no. |  | 13045 |  |
| 5 . |  | TH1 |  | BAYVIEW WELLINGTON |  | NAPA 1 |  | project no. |  | 13045 |  |
| 4 . |  | TH1 |  | BAYVIEW WELLINGTON |  | NAPA 1 |  | project no. |  | 13045 |  |
| 3 . |  | TH1 |  | BAYVIEW WELLINGTON |  | NAPA 1 |  | project no. |  | 13045 |  |
| 2 . |  | TH1 |  | BAYVIEW WELLINGTON |  | NAPA 1 |  | project no. |  | 13045 |  |
| 1 . |  | TH1 |  | BAYVIEW WELLINGTON |  | NAPA 1 |  | project no. |  | 13045 |  |
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REVISIONS

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|---|---|------|----------|----|
| 1 | ISSUE FOR CLIENT REVIEW                 | DATE | 07-14-14 | RC |
| 2 | REVISED AS PER TRUSS COORDINATION       | DATE | 17-14-14 | RC |
| 3 | REVISED AS PER ENG COMMENTS             | DATE | 30-14-14 | OS |
| 4 | ADD COLD CELLAR, 5'-0" FROST PROTECTION | DATE | 21-14-14 | OS |
| 5 | REVISED EXT. COLS                       | DATE | 25-15-15 | AF |

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.

signature: *Wellington Jno-Baptiste* 25591 BCN

name: **Wellington Jno-Baptiste**

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.

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REVISIONS

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REVISIONS

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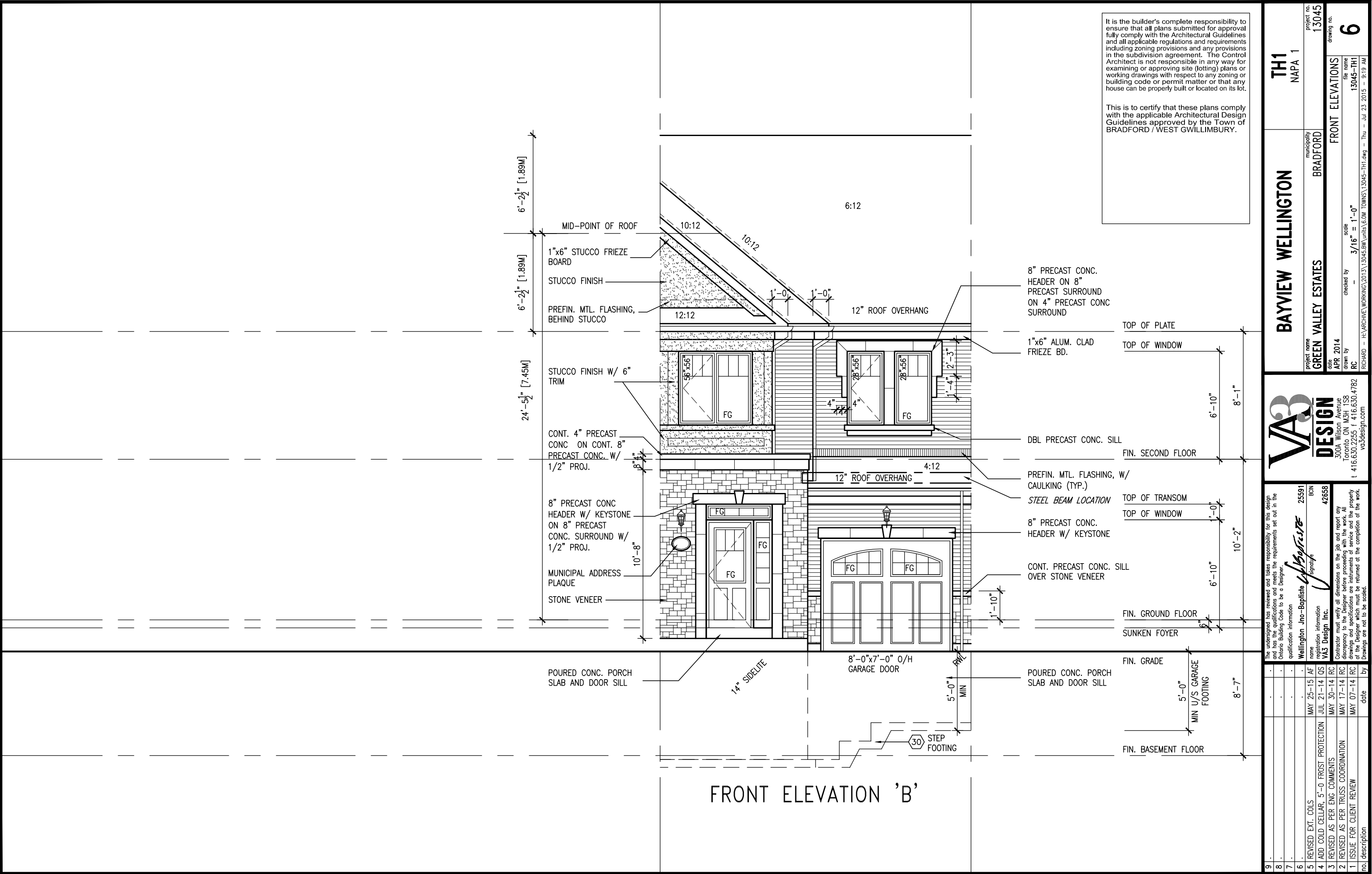
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qualification information

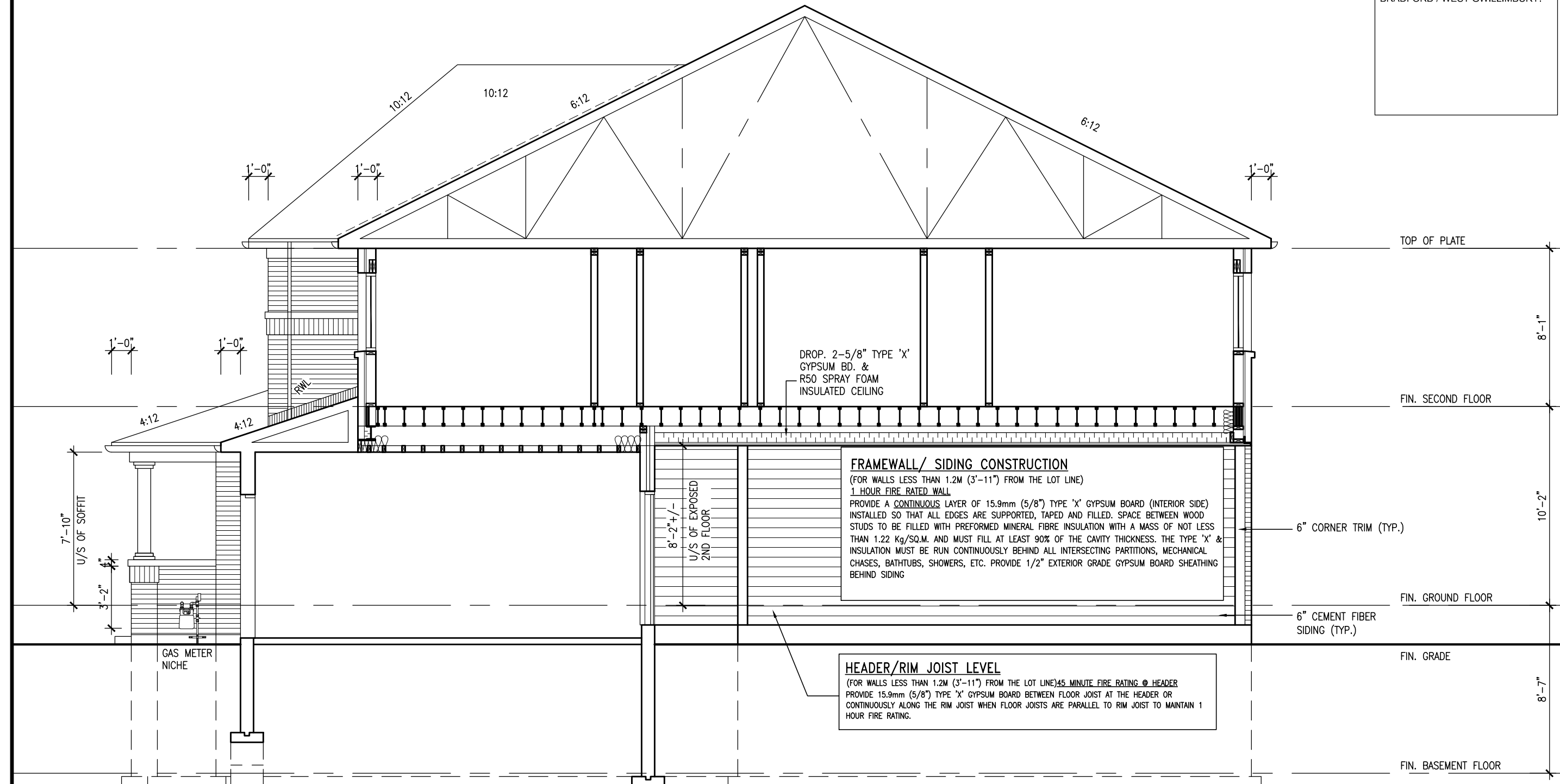
|                          |                         |       |     |
|--------------------------|-------------------------|-------|-----|
| name                     | Wellington Jno-Baptiste | 25591 | BCN |
| registration information | V3 Design Inc.          | 42658 |     |

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| no. | description                             | date      | by |
|-----|---|-----------|----|
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| 1   | ISSUE FOR CLIENT REVIEW                 | MAY 07-14 | RC |

|              |                      |                  |           |
|--------------|----------------------|------------------|-----------|
| project name | BAYVIEW WELLINGTON   | project no.      | 13045     |
| client       | GREEN VALLEY ESTATES | drawing no.      | 6         |
| date         | APR 2014             | file name        | 13045-TH1 |
| drawn by     | RC                   | checked by       | -         |
| scale        | 3/16" = 1'-0"        | front elevations |           |

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



INTERIOR SIDE ELEVATION - ELEV. 'A'

**TH1**  
NAPA 1

**BAYVIEW WELLINGTON**

project name  
**GREEN VALLEY ESTATES**

|            |          |
|------------|----------|
| date       | APR 2014 |
| drawn by   | RC       |
| checked by | —        |

1304 project

7  
 wing no.

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

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

2559  
Jno-Baptiste  
Wellington Jno-Baptiste  
qualification information

|                          |           |      |
|--------------------------|-----------|------|
| name                     | signature | BC   |
| registration information |           |      |
| VA3 Design Inc.          |           | 4265 |

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|     |   |  |      |              |
|-----|---|--|------|--------------|
| 9   | .                                       |  |      | .            |
| 8   | .                                       |  |      | .            |
| 7   | .                                       |  |      | .            |
| 6   | .                                       |  |      | .            |
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| no. | description                             |  | date | by           |





ROOF PLAN  
ELEV 'B'

ROOF PLAN  
ELEV 'A' MOD

ROOF PLAN  
ELEV 'A'

| UNINSULATED OPENINGS (PER OBC. SB-12,2.1.1.(7)) |                              |              |            |
|---|------------------------------|--------------|------------|
| TH-1 ELEVATION A & A MOD                        | ENERGY EFFICIENCY - OBC SB12 |              |            |
| ELEVATION                                       | WALL AREA S.F.               | OPENING S.F. | PERCENTAGE |
| FRONT   | 398 S.F.                     | 47.72 S.F.   | 11.99 %    |
| LEFT SIDE                                       | 1018 S.F.                    | 0 S.F.       | 0.00 %     |
| RIGHT SIDE                                      | 925 S.F.                     | 0 S.F.       | 0.00 %     |
| REAR  | 383 S.F.                     | 118.33 S.F.  | 30.90 %    |
| TOTAL SQ. FT.                                   | 2724.00 S.F.                 | 166.05 S.F.  | 6.10 %     |
| TOTAL SQ. M.                                    | 253.07 S.M.                  | 15.43 S.M.   | 6.10 %     |
| UNINSULATED OPENINGS (PER OBC. SB-12,2.1.1.(7)) |                              |              |            |
| TH-1 ELEVATION B                                | ENERGY EFFICIENCY - OBC SB12 |              |            |
| ELEVATION                                       | WALL AREA S.F.               | OPENING S.F. | PERCENTAGE |
| FRONT   | 398 S.F.                     | 47.72 S.F.   | 11.99 %    |
| LEFT SIDE                                       | 1018 S.F.                    | 0 S.F.       | 0.00 %     |
| RIGHT SIDE                                      | 925 S.F.                     | 0 S.F.       | 0.00 %     |
| REAR  | 383 S.F.                     | 118.33 S.F.  | 30.90 %    |
| TOTAL SQ. FT.                                   | 2724.00 S.F.                 | 166.05 S.F.  | 6.10 %     |
| TOTAL SQ. M.                                    | 253.07 S.M.                  | 15.43 S.M.   | 6.10 %     |



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qualification information

Wellington Jno-Baptiste 25591 BCB

signature

name

registration information

VA3 Design Inc. 42658

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TH1  
NAPA 1

BAYVIEW WELLINGTON

project name  
GREEN VALLEY ESTATES

municipality  
BRADFORD

project no.  
13045

drawing no.  
9

REAR ELEVATION

file name  
13045-TH1

drawn by  
RC

checked by  
-

scale  
3/16" = 1'-0"

date  
APR 2014

drawn by  
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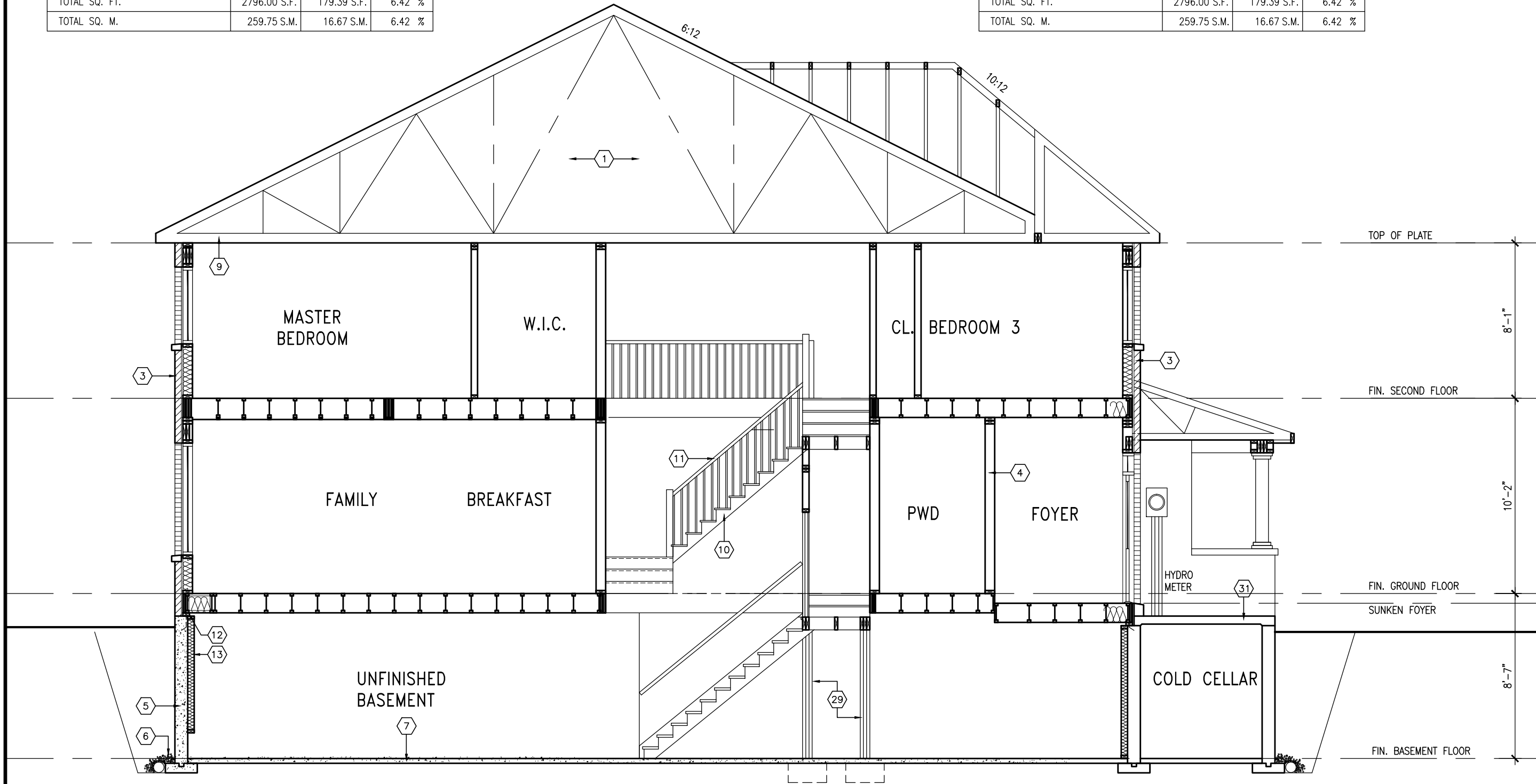
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| UNINSULATED OPENINGS (PER OBC. SB-12,2.1.1.(7)) |                              |              |            |
|---|------------------------------|--------------|------------|
| TH-1 ELEVATION A & A MOD WOD                    | ENERGY EFFICIENCY - OBC SB12 |              |            |
| ELEVATION                                       | WALL AREA S.F.               | OPENING S.F. | PERCENTAGE |
| FRONT   | 398 S.F.                     | 47.72 S.F.   | 11.99 %    |
| LEFT SIDE                                       | 1018 S.F.                    | 0 S.F.       | 0.00 %     |
| RIGHT SIDE                                      | 925 S.F.                     | 0 S.F.       | 0.00 %     |
| REAR  | 455 S.F.                     | 131.67 S.F.  | 28.94 %    |
| TOTAL SQ. FT.                                   | 2796.00 S.F.                 | 179.39 S.F.  | 6.42 %     |
| TOTAL SQ. M.                                    | 259.75 S.M.                  | 16.67 S.M.   | 6.42 %     |

| UNINSULATED OPENINGS (PER OBC. SB-12,2.1.1.(7)) |                              |              |            |
|---|------------------------------|--------------|------------|
| TH-1 ELEVATION B WOD                            | ENERGY EFFICIENCY - OBC SB12 |              |            |
| ELEVATION                                       | WALL AREA S.F.               | OPENING S.F. | PERCENTAGE |
| FRONT   | 398 S.F.                     | 47.72 S.F.   | 11.99 %    |
| LEFT SIDE                                       | 1018 S.F.                    | 0 S.F.       | 0.00 %     |
| RIGHT SIDE                                      | 925 S.F.                     | 0 S.F.       | 0.00 %     |
| REAR  | 455 S.F.                     | 131.67 S.F.  | 28.94 %    |
| TOTAL SQ. FT.                                   | 2796.00 S.F.                 | 179.39 S.F.  | 6.42 %     |
| TOTAL SQ. M.                                    | 259.75 S.M.                  | 16.67 S.M.   | 6.42 %     |



CROSS SECTION A-A

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BAYVIEW WELLINGTON

GREEN VALLEY ESTATES

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13045

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VA3  
DESIGN

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

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

Wellington Jno-Baptiste

signature

25591

BCN

VA3 Design Inc.

42658

5. REVISED EXT. COLS

4. ADD COLD CELLAR, 5'-0" FROST PROTECTION

3. REVISED AS PER ENG COMMENTS

2. REVISED AS PER TRUSS COORDINATION

1. ISSUE FOR CLIENT REVIEW

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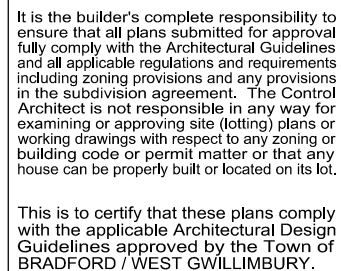
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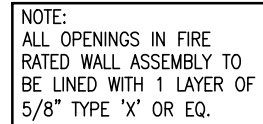
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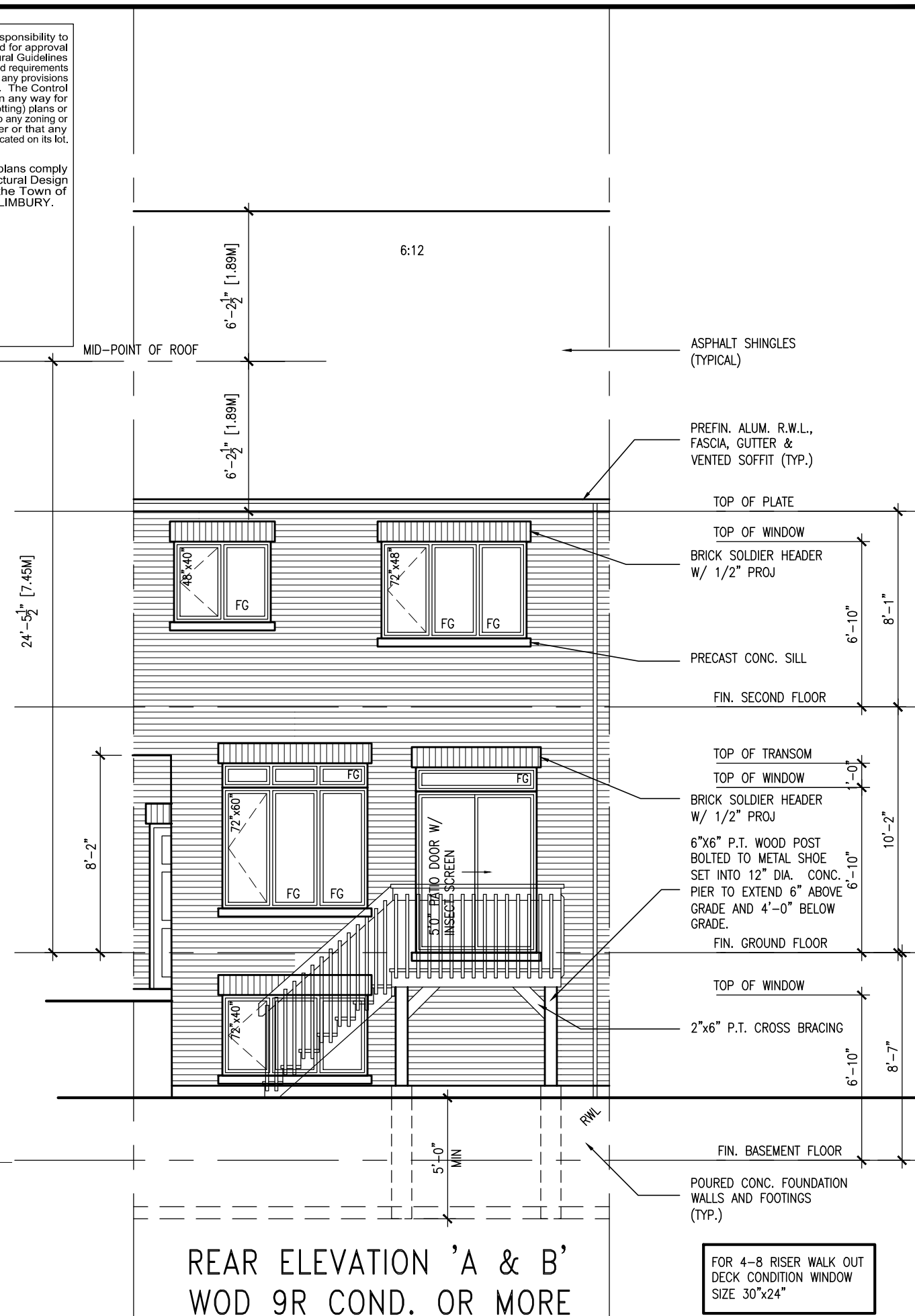
30.</



PARTIAL BASEMENT FLOOR  
PLAN WOD 9R COND.



PARTIAL GROUND FLOOR  
PLAN WOD 9R COND.

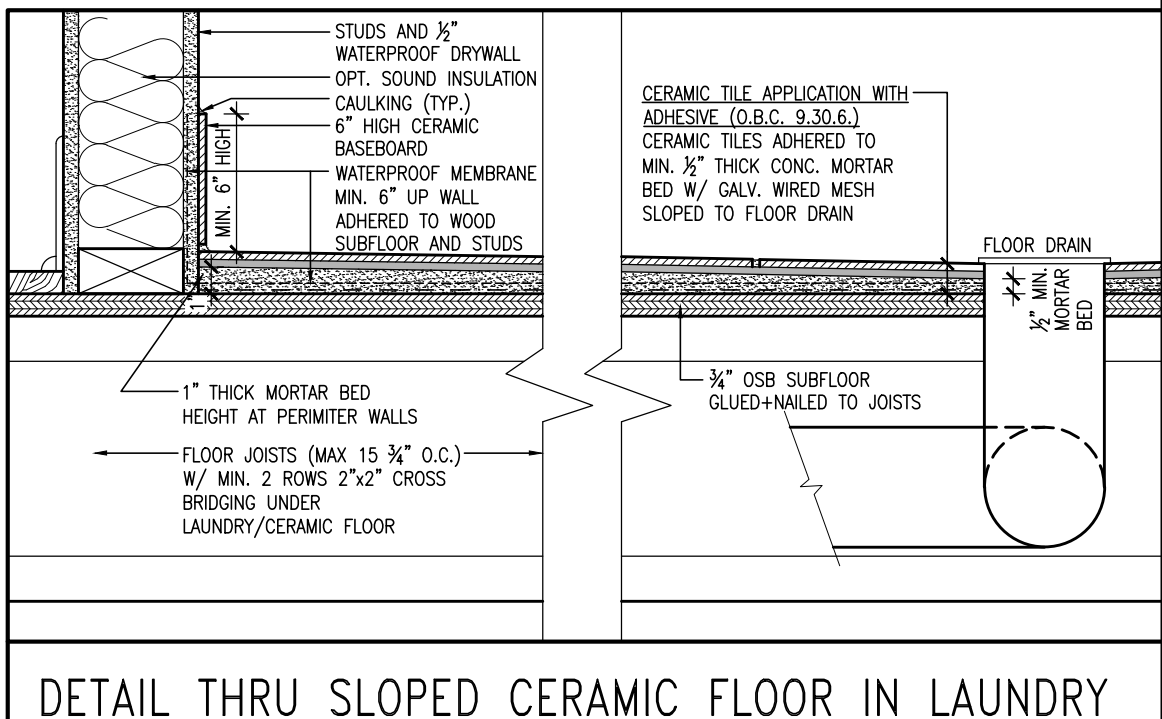
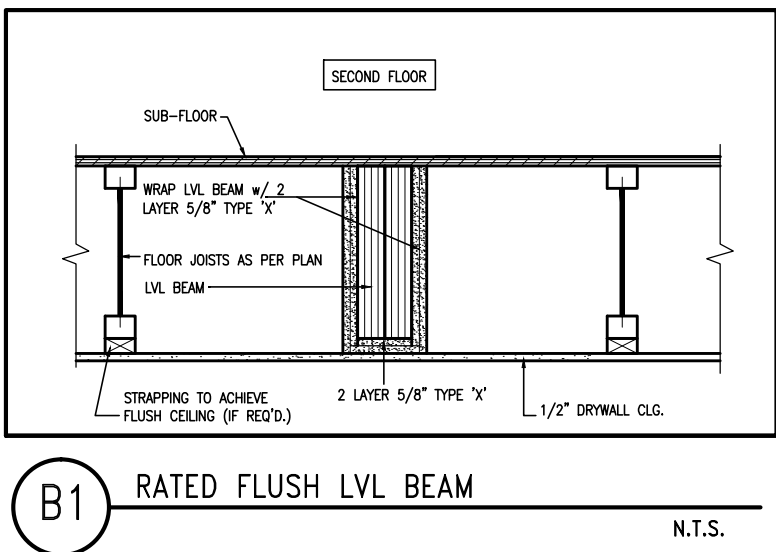
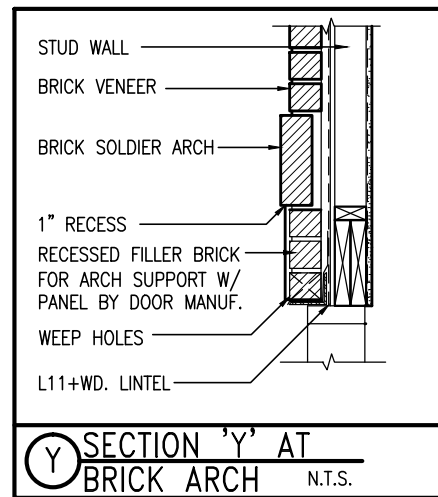
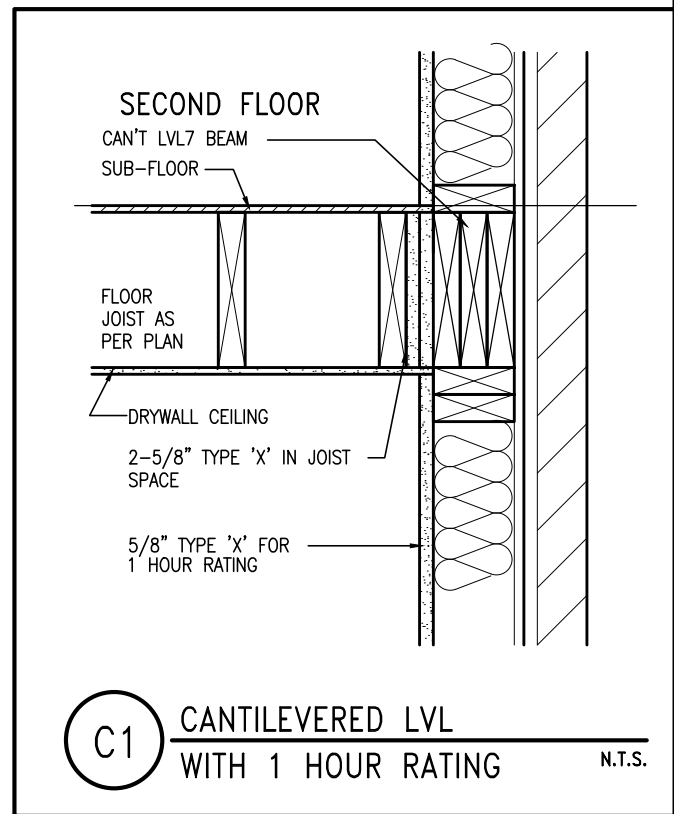
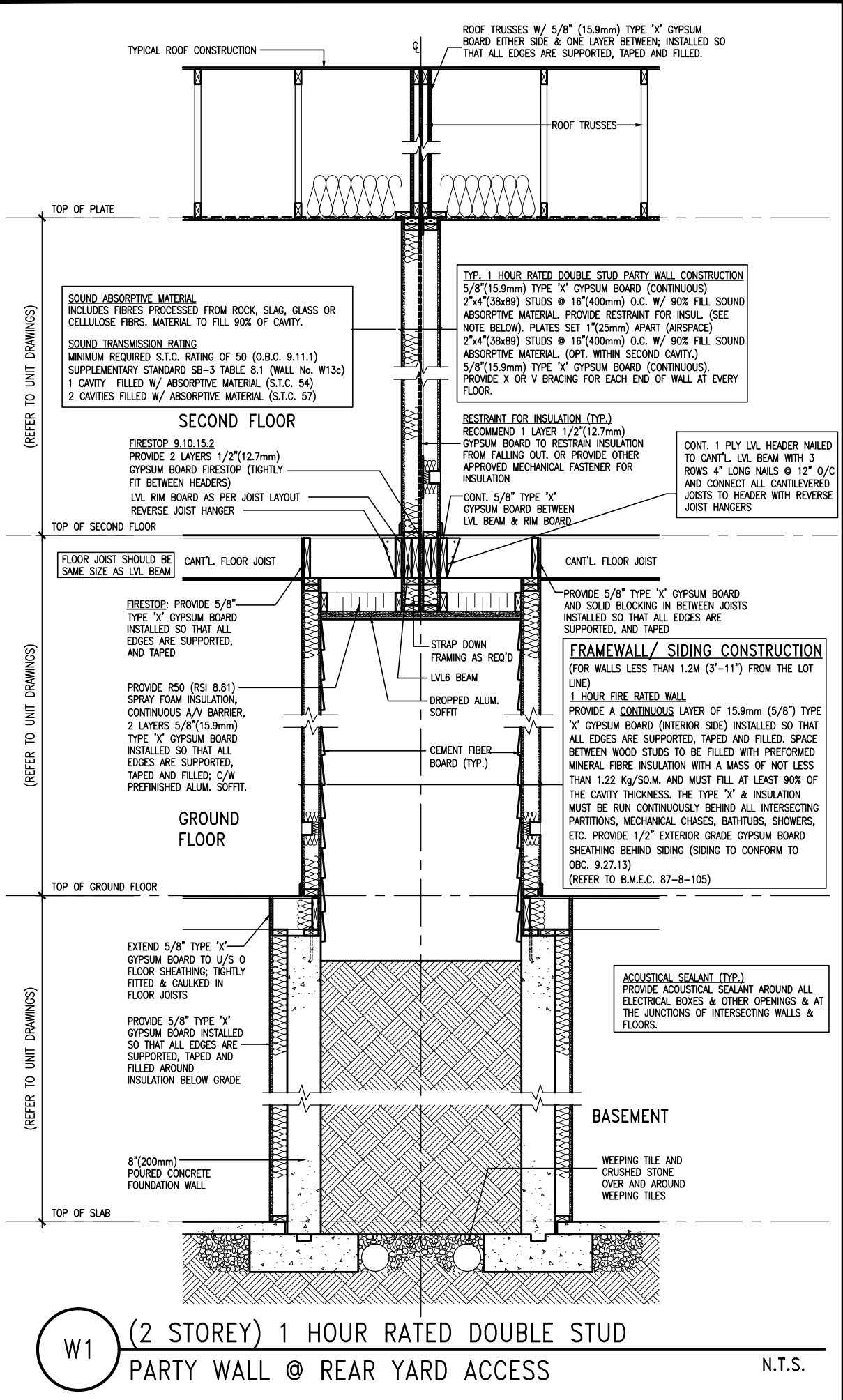


REAR ELEVATION 'A & B'  
WOD 9R COND. OR MORE

|    |   |           |    |   |  |
|----|---|-----------|----|---|--|
|    |   |           |    |   | 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.   |
| 9  | .                                       | .         | .  | . | qualification information  |
| 8  | .                                       | .         | .  | . |  |
| 7  | .                                       | .         | .  | . |  |
| 6  | .                                       | .         | .  | . |  |
| 5  | REVISED EXT. COLS                       | MAY 25-15 | AF |   | names<br><b>Wellington Jno-Baptiste</b> 25591 BCIN   |
| 4  | ADD COLD CELLAR, 5'-0" FROST PROTECTION | JUL 21-14 | QS |   | registration information<br>signature<br><b>V3 Design Inc.</b> 42658   |
| 3  | REVISED AS PER ENG COMMENTS             | MAY 30-14 | RC |   |  |
| 2  | REVISED AS PER TRUSS COORDINATION       | MAY 17-14 | 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  | ISSUE FOR CLIENT REVIEW                 | MAY 07-14 | RC |   | Drawings are not to be scaled.   |
| 10 | description                             | date      | by |   |  |

|   |  |  |                                      |  |
|---|--|--|--------------------------------------|--|
| VA3 DESIGN<br>300A Wilson Avenue<br>Toronto, ON M3H 1S8<br>t 416.630.2255 f 416.630.4782<br>va3design.com |  |  | TH1<br>NAPA 1                        |  |
| BAYVIEW WELLINGTON  |  |  | project name<br>GREEN VALLEY ESTATES |  |
|   |  |  | municipality<br>BRADFORD             |  |
| APR 2014  |  |  | project no.<br>13045                 |  |
| date  |  |  | drawing no.<br>11                    |  |
| drawn by<br>RC  |  |  | file name<br>13045-TH1               |  |
| checked by<br>—   |  |  | scale<br>3/16" = 1'-0"               |  |
| WALK OUT DECK COND  |  |  |                                      |  |

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|     |   |           |    |   |
|-----|---|-----------|----|---|
| 9   | .                                       | .         | .  | The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.  |
| 8   | .                                       | .         | .  | qualification information   |
| 7   | .                                       | .         | .  | Wellington Jno-Baptiste 25591   |
| 6   | .                                       | .         | .  | name registration information BCIN  |
| 5   | REVISED EXT. COLS                       | MAY 25-15 | AF | VA3 Design Inc. 42658   |
| 4   | ADD COLD CELLAR, 5'-0" FROST PROTECTION | JUL 21-14 | QS |   |
| 3   | REVISED AS PER ENG COMMENTS             | MAY 30-14 | RC |   |
| 2   | REVISED AS PER TRUSS COORDINATION       | MAY 17-14 | RC |   |
| 1   | ISSUE FOR CLIENT REVIEW                 | MAY 07-14 | 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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va3design.com

|   |                      |                      |               |
|---|----------------------|----------------------|---------------|
| <b>BAYVIEW WELLINGTON</b>   |                      | <b>TH1</b><br>NAPA 1 |               |
| project name  | GREEN VALLEY ESTATES | municipality         | BRADFORD      |
| date  | APR 2014             | project no.          | 13045         |
| drawn by  | RC                   | checked by           | scale         |
|   |                      |                      | 3/16" = 1'-0" |
| RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\6.0M TOWNS\13045-TH1.dwg - Thu - Jul 23 2015 - 9:19 AM |                      | DETAILS              | drawing no.   |
|   |                      | 13045-TH1            | <b>AD1</b>    |

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

2E. WALLS ADJACENT TO ATTIC SPACE - NO CLADDING

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

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

90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x7.6mm (7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL 600mm (24") O.C. VERTICAL. APPROVED SHEATHING PAPER, 9.5mm (3/8") EXT. TYPE SHEATHING, 38x140 (2"x6") STUDS @ 400mm (16") O.C., INSULATION & APPR. VAPOUR BARRIER WITH APPR. CONTIN. AIR BARRIER, 13mm (1/2") INTERIOR DRYWALL FINISH. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. REFER TO OBC SB-12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.

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

90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x7.6mm (7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL 600mm (24") O.C. VERTICAL. APPR. SHEATHING PAPER, 28mm (1 1/8") EXT. STRUCT. INSULATED SHEATHING RSI 0.7 (R4) BY "BP" OR EQUAL, 38x140 (2"x6") STUDS @ 400mm (16") O.C., RSI 4.23 (R24) INSUL. & APPR. VAPOUR BARRIER WITH APPR. CONTIN. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") ABOVE FINISH GRADE.

3B. BRICK VENEER CONSTRUCTION (2"x4")- GARAGE WALLS

90mm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x7.6mm (7/8"x7"x0.03") GALV. METAL TIES @ 400mm (16") O.C. HORIZONTAL 600mm (24") O.C. VERTICAL. APPR. SHEATHING PAPER, 9.5mm (3/8") EXT. TYPE SHEATHING, 38x89 (2"x4") STUDS @ 400mm (16") O.C. (MAX. HEIGHT 3000mm 9'-10") WITH APPR. DIAGONAL WALL BRACING. PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.

3C. STUCCO WALL CONSTRUCTION (2"x6")

STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.27.1.1.(2) & 9.28 THAT EMPLOYS A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS SPECIFICATIONS OVER 25mm (1") MIN. EXTRUDED OR EXPANDED RIGID POLYSTYRENE ON APPR. CONTIN. AIR/MOISTURE BARRIER ON 13mm (1/2") EXT. TYPE SHEATHING ON 38x140 (2"x6") STUDS @ 400mm (16") O.C., INSULATION, APPROVED VAPOUR BARRIER, 13mm (1/2") GYPSUM WALLBOARD INTERIOR FINISH. REFER TO OBC SB-12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE.

4. INTERIOR STUD PARTITIONS

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

5. FOUNDATION WALL/FOOTINGS: (9.15.3, 9.15.4, 9.13.2, 9.14.2.1.(2))

200mm (8") POURED CONC. FDTN. WALL 15MPa (2200psi) WITH BITUMENOUS DAMPPROOFING AND DRAINAGE LAYER. DRAINAGE LAYER REQ'D. WHEN BASEMENT INSUL. EXTENDS 900 (2'-11") BELOW FIN. GRADE. DRAINAGE LAYER IS NOT REQ'D. WHEN FDTN. WALL IS WATERPROOFED. MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500x155 (20"x6") CONTINUOUS 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  | 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 (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 2.1.1.2.A)

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

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

RSI 8.81 (R50) BLOWN IN ROOF INSULATION AND APPROVED VAPOUR BARRIER, 16mm (5/8") INT. DRYWALL FINISH OR APPROVED EQUAL. RSI 3.52 (R20) MIN. ABOVE INNER SURFACE OF EXTERIOR WALL

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

UNIFORM RISE -5mm (1/4") MAX BETWEEN ADJACENT TREADS OR LANDINGS -10mm (1/2") MAX BETWEEN TALLEST & SHORTEST RISE IN FLIGHT

|                  |                               |
|------------------|-------------------------------|
| MAX. RISE        | = 200 (7'-7/8")               |
| MIN. RUN         | = 210 (8'-1/4")               |
| MIN. TREAD       | = 235 (9'-1/4")               |
| MAX. NOSING      | = 25 (1")                     |
| MIN. HEADROOM    | = 1950 (6'-5")                |
| RAIL @ LANDING   | = 900 (2'-11")                |
| RAIL @ STAIR     | = 865 (2'-10") to 965 (3'-2") |
| MIN. STAIR WIDTH | = 860 (2'-10")                |

FOR CURVED STAIRS

|               |            |
|---------------|------------|
| MIN. RUN      | = 150 (6") |
| MIN. AVG. RUN | = 200 (8") |

HANDRAILS -OBC. 9.8.7.-

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

INTERIOR GUARDS -OBC. 9.8.8.-

INTERIOR GUARDS: 900mm (2'-11") MIN. HIGH

EXTERIOR GUARDS - OBC. 9.8.8.

900mm (36") HIGH GUARD WHERE DISTANCE FROM PORCH TO FIN. GRADE IS LESS THAN 1800mm (71"). 1070mm (42") HIGH GUARD IS REQUIRED WHERE DISTANCE EXCEEDS 1800mm (71").

SILL PLATE - OBC. 9.23.7.

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

BASEMENT INSULATION (SB-12-2.1.1.6), 9.25.2.3, 9.13.2.6)

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

12. 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 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/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 COLUMN (SEE O.B.C. 9.15.3.3)

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

15B. STEEL COLUMN

90mm (3-1/2") DIA x 4.78mm (1.88) NON-ADJUSTABLE STL. COL. TO BE ON 150x150x9.5 (6"x6"x3/8") STEEL TOP PLATE, & BOTTOM PLATE. BASE PLATE 120x250x12.5 (4 1/2"x10"x1/2") WITH 2-12mm DIA. x 300mm LONG x50mm HOOK ANCHORS (2-1/2"x12"x2") 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. 9.10.9.16. REFER TO SB-12, TABLE 2.1.1.2.A. FOR REQUIRED THERMAL INSULATION.

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

21. EXTERIOR STEP

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

22. DRYER EXHAUST (OBC-6.2.3.8,(7) & 6.2.4.1.1.)

CAPPED DRYER EXHAUST VENTED TO EXTERIOR. (USE 100mm (4") DIA. SMOOTH WALL VENT PIPE)

23. INSULATED ATTIC ACCESS (OBC-9.19.2.1. & SB12-2.1.1.7)

ATTIC ACCESS HATCH WITH MIN. DIMENSION OF 545x610mm (21 1/2"x24") & A MIN. AREA OF 0.32 SQ.M. (3.44 SQ.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 (1'-4") 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 9.17.4.(2).

28. 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.

29. STEPPED FOOTINGS OBC 9.15.3.9.

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

30. SLAB ON GRADE

MIN. 100mm (4") CONCRETE SLAB ON GRADE ON 100mm (4") COARSE GRANULAR FILL. REINFORCED WITH 6x6-W2.9xW2.9 MESH PLACED NEAR MID-DEPTH OF SLAB. CONC. STRENGTH 32 MPa (4640 psi) WITH 5-8% AIR ENTRAINMENT ON COMPACTED SUB-GRADE. REFER TO OBC SB-12, TABLE 2.1.1.2.A. FOR REQUIRED MINIMUM THERMAL INSULATION UNDER SLAB.

32. DIRECT VENTING GAS FURNACE/ H.W.T. VENT

DIRECT VENT FURNACE TERMINAL MIN. 900mm (36") FROM A GAS REGULATOR. MIN. 300mm (12") ABOVE FIN. GRADE. FROM ALL OPENINGS, EXHAUST AND INTAKE VENTS. HRV INTAKE TO BE A MIN. OF 1830mm (6'-0") FROM ALL EXHAUST TERMINALS. REFER TO GAS UTILIZATION CODE.

33. DIRECT VENTING GAS FIREPLACE VENT

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

34. SUBFLOOR, JOIST STRAPPING AND BRIDGING

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

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

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

36. COLD CELLAR PORCH SLAB (OBC 9.40.)

FOR MAX. 2500mm (8'-2") PORCH DEPTH (SHORTEST DIM.), 150mm (6") 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT. REINF. WITH 10M BARS @ 200mm (7 7/8") O.C. EACH WAY IN BOTTOM THIRD OF SLAB. MIN. 30mm (1 1/4") COVER, 600x600 (23 5/8"x23 5/8") 10M DOWELS @ 600mm (23 5/8") O.C., ANCHORED IN PERIMETER FDTN. WALLS. SLOPE SLAB MIN. 1.0% FROM HOUSE WALL. SLAB TO HAVE MIN. 75mm (3") BEARING ON FDTN. WALLS. PROVIDE (L7) LINTEL OVER CELLAR DOOR WITH 100mm (4") END BEARING.

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

38. CONVENTIONAL ROOF FRAMING (2.0kpa. SNOW LOAD)

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

GENERAL NOTES

WINDOWS: 1) MINIMUM BEDROOM WINDOW -OBC. 9.9.10.1.-

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

2) WINDOW GUARDS -OBC. 9.8.8.1.(6).

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

3) EXTERIOR WINDOWS

SHALL COMPLY WITH OBC DIV.-8 9.7.3. & SB12-2.1.1.8

GENERAL: 1) MECHANICAL VENTILATION IS REQUIRED TO COMPLY WITH OBC-DIV. 8, 6.2.2. SEE MECHANICAL DRAWINGS.

2) ALL DOWNSPOUTS TO DRAIN AWAY FROM THE BUILDING AS PER OBC 9.26.1B.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)(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.

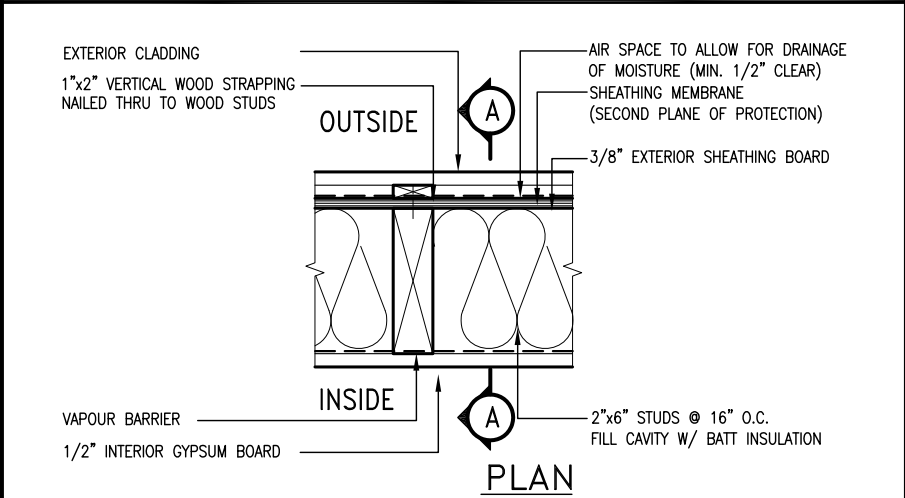
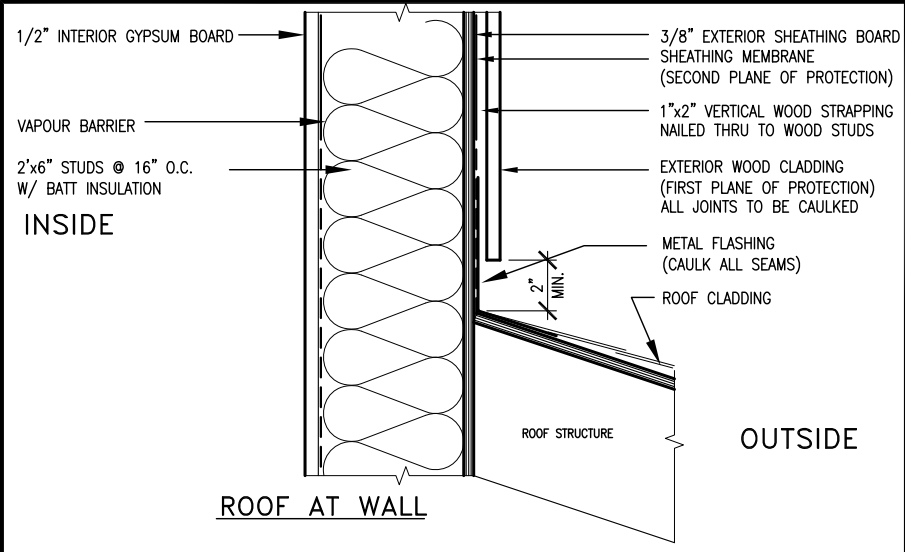
LUMBER: 1) ALL LUMBER SHALL BE SPRUCE NO.2 GRADE, UNLESS NOTED OTHERWISE.

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.

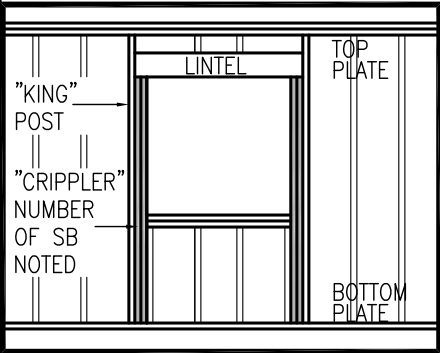
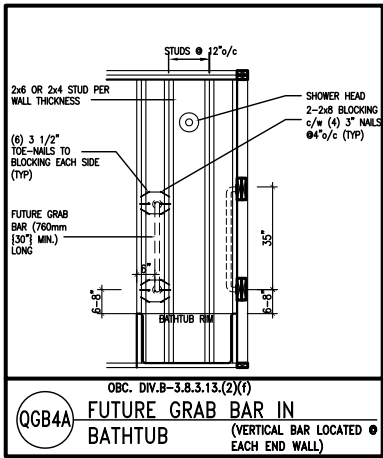
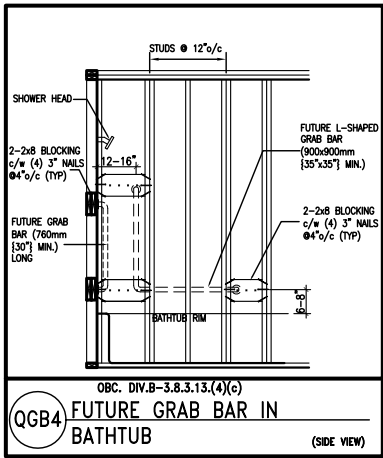
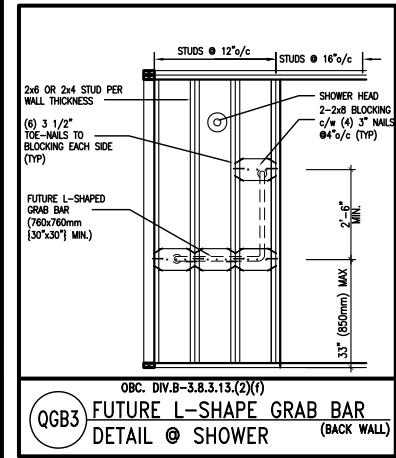
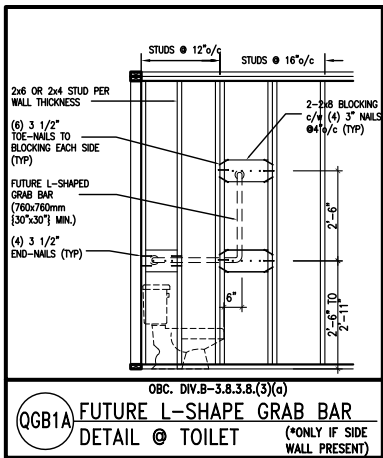
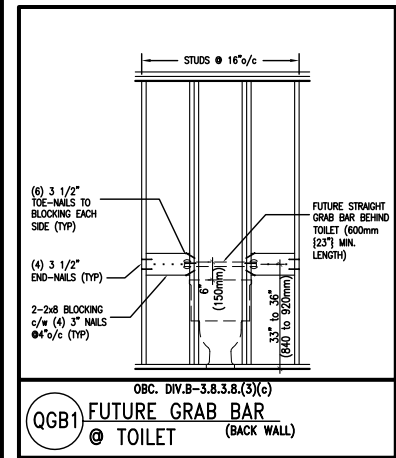
4) ALL LAMINATED VENEER LUMBER (L.V.L.) BEAMS, GIRDER TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED & CERTIFIED BY TRUSS MANUFACTURER.

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



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.



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

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

\*\* MAX. HEIGHT FOR 2"x6" EXTERIOR WALL IS AS FOLLOW:  
2"x6" @ 16" O.C. - 12'-6"  
2"x6" @ 12" O.C. - 13'-10"  
2'-2"x6" @ 16" O.C. - 15'-0"  
2'-2"x6" @ 12" O.C. - 17'-4"

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

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

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

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| 3   | .                       | .         | .  |
| 2   | UPDATE TO CODE          | APR 16-15 | RC |
| 1   | ISSUE FOR CLIENT REVIEW | MAY 07-14 | RC |
| no. | description             | date      | by |

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

qualification information

Wellington Jno-Baptiste 25591  
signature BCIN

registration information

VA3 Design Inc. 42658

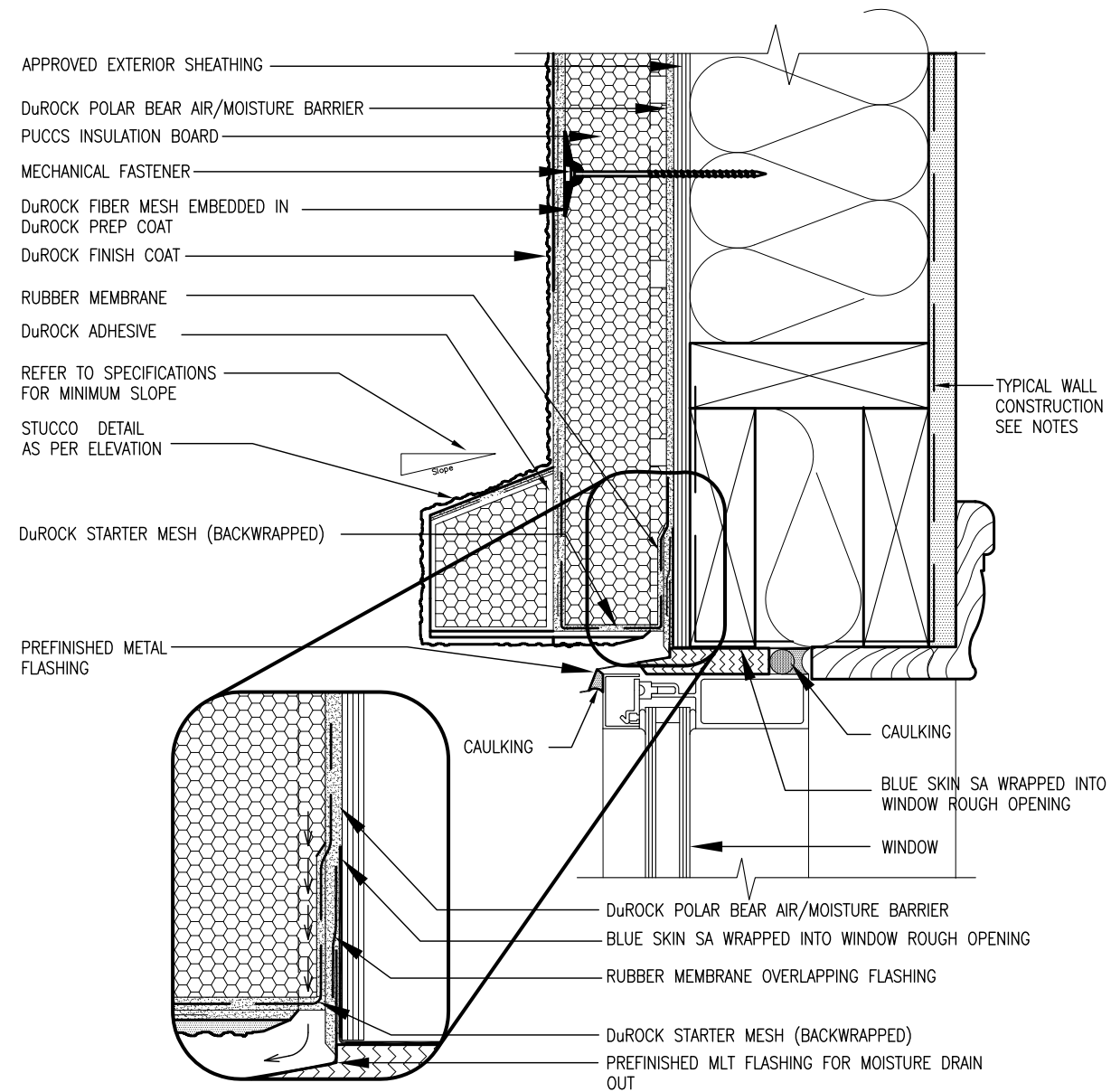
Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.

**VA3**  
**DESIGN**

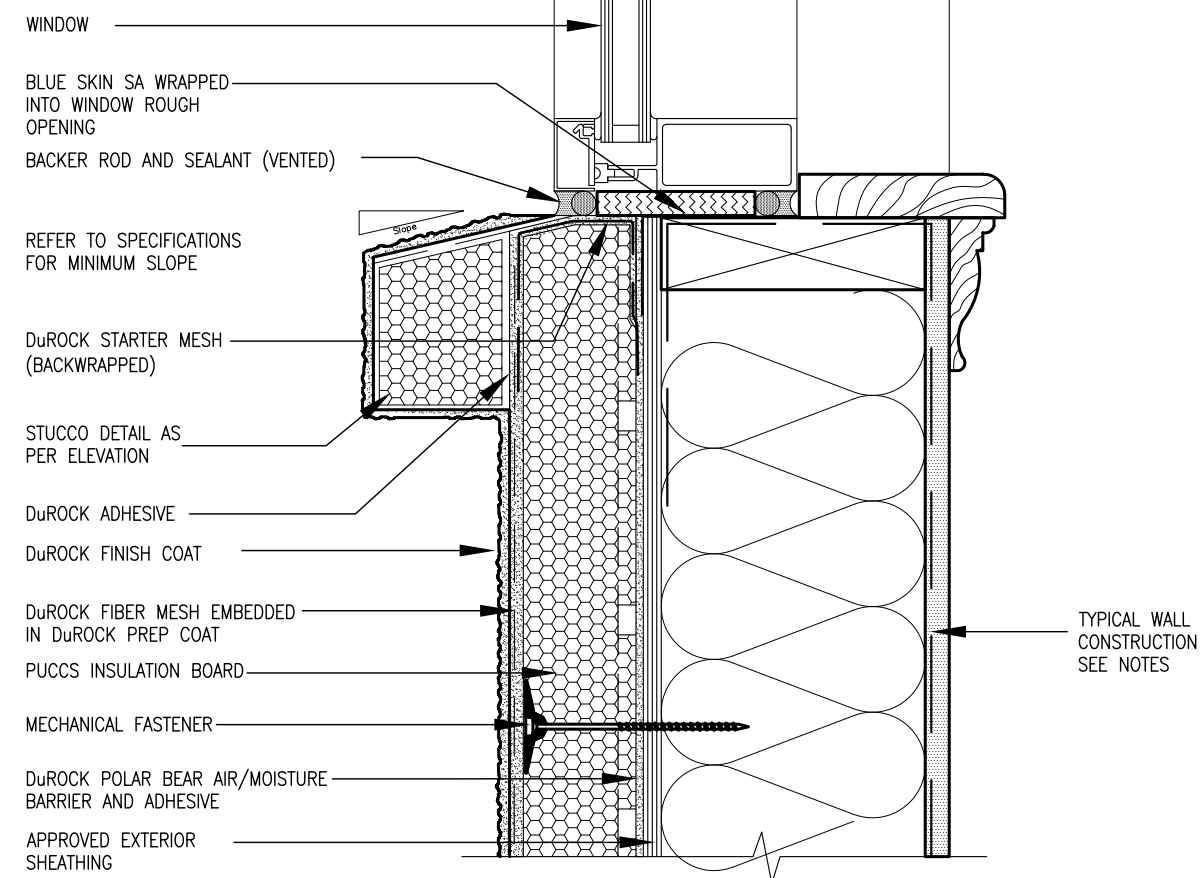
300A Wilson Avenue  
Toronto ON M3H 1S8  
t 416.630.2255 f 416.630.4782  
va3design.com

|   |                      |                   |                      |
|---|----------------------|-------------------|----------------------|
| <b>BAYVIEW WELLINGTON</b>   |                      | <b>CONST NOTE</b> |                      |
| project name  | GREEN VALLEY ESTATES | municipality      | BRADFORD             |
| date  | APR 2014             | project no.       | 13045                |
| drawn by  | RC                   | checked by        | -                    |
| scale   | 3/16" = 1'-0"        | file name         | 13045-CONST-OBC 2015 |
| CONSTRUCTION NOTES  |                      | drawing no.       |                      |
| RICHARD - H:\ARCHIVE\WORKING\2013\13045.BW\units\13045-CONST-OBC 2015.dwg - Thu - Apr 16 2015 - 6:56 AM |                      | <b>CN2</b>        |                      |





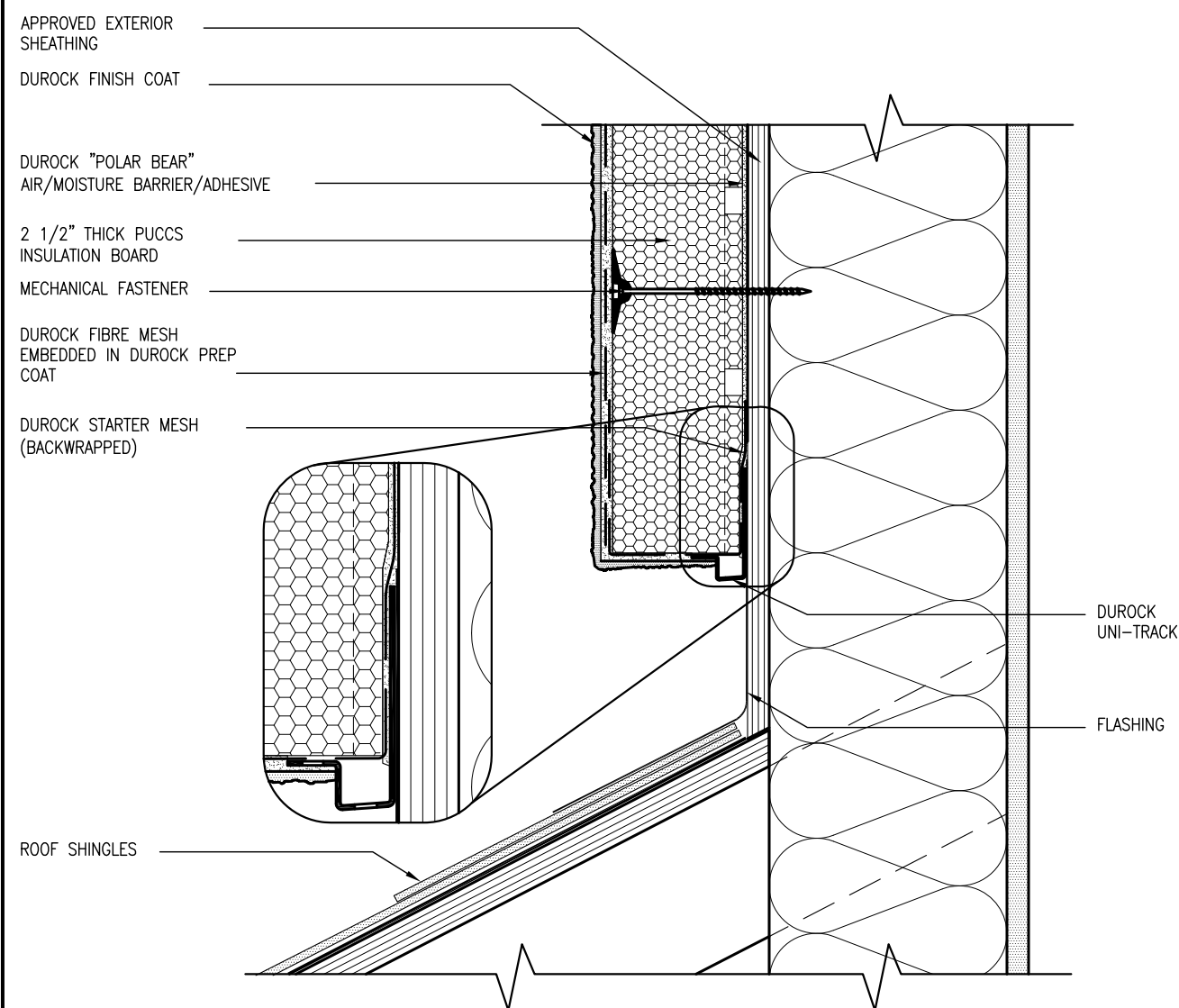
ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR. THE EXTERIOR SHEATHING MUST NOT BE GYPSUM BASED. ALL STUCCO TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS.  
DETAILS ARE BASED ON DuROCK PUCCS SYSTEM



**VA3**  
**DESIGN**  
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va3design.com

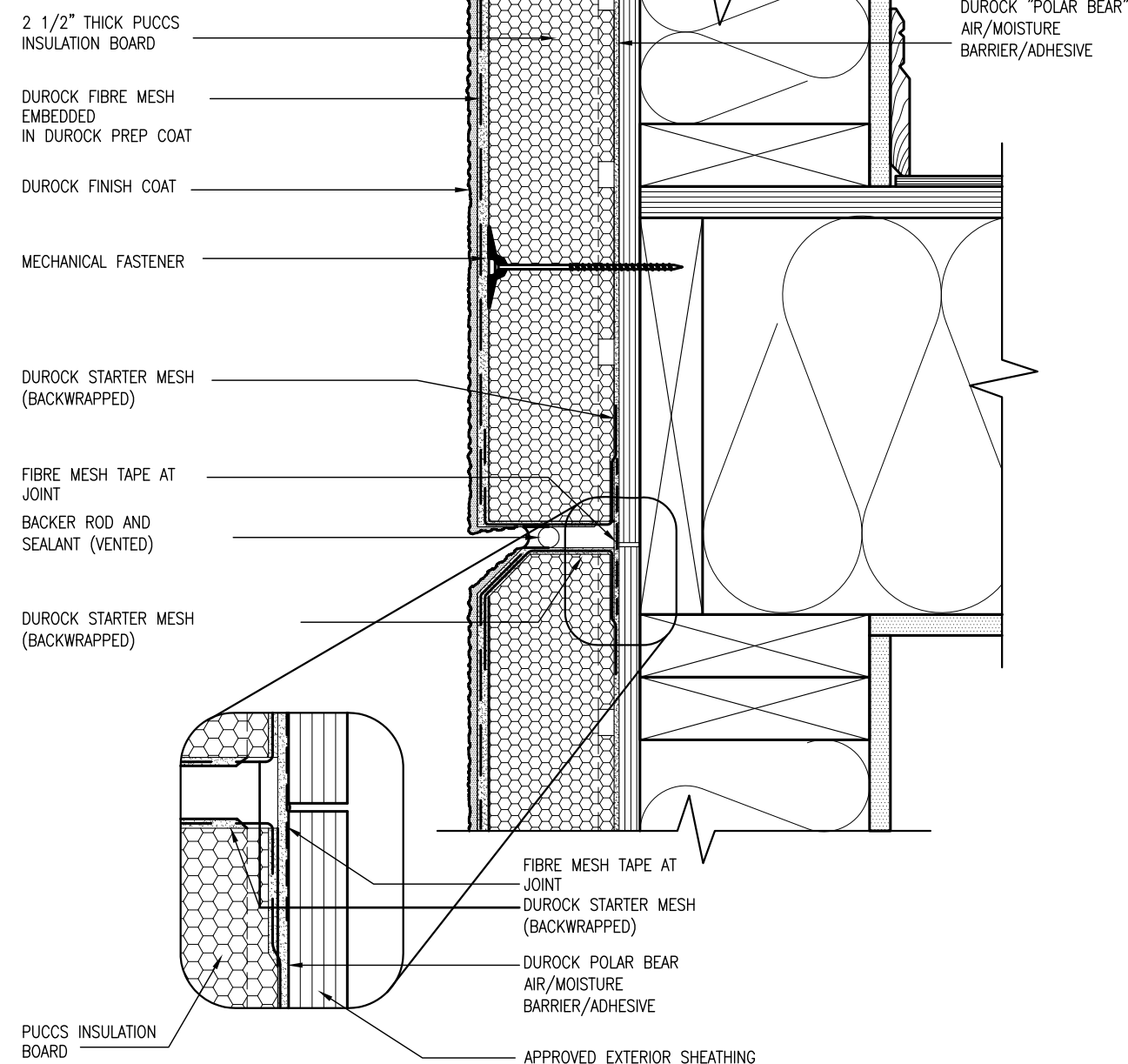
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| <p>The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.</p> <p>Qualification information</p> | <p>Wellington Jno-Baptiste</p>   | <p>25591</p> |
| <p>name</p>  | <p>registration information</p>  | <p>BCIN</p>  |
| <p>signature</p>   | <p>CONTRACT 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.</p> | <p>42658</p> |

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| 3   | .                       | .         | .  |
| 2   | UPDATE TO CODE          | APR 16-15 | RC |
| 1   | ISSUE FOR CLIENT REVIEW | MAY 07-14 | RC |
| no. | description             | date      | by |



3 STUCCO TERMINATION @ ROOF  
CN4 SCALE: 3"=1'-0"

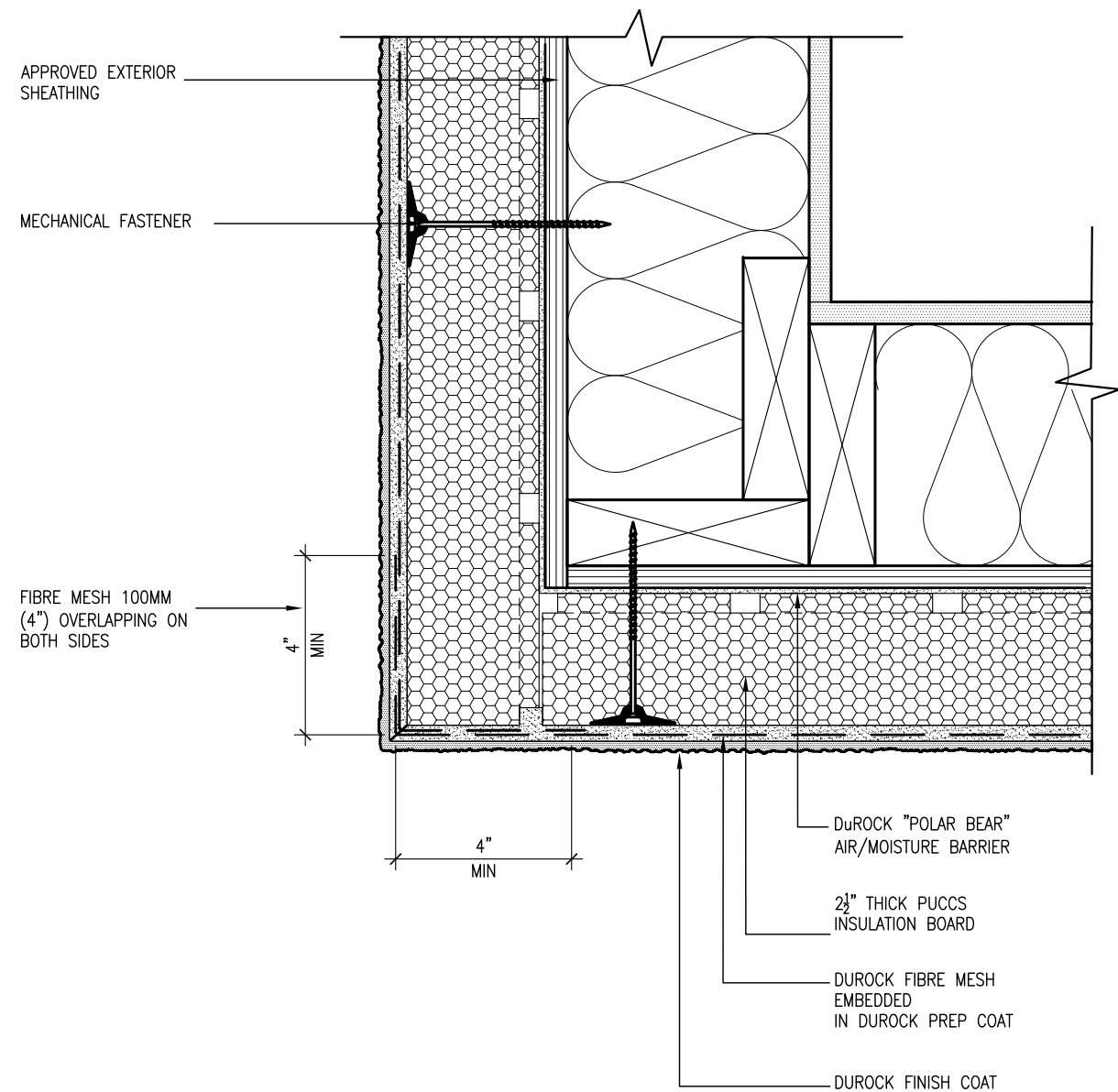
ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSITIVE DRAINAGE TO THE EXTERIOR. THE EXTERIOR SHEATHING MUST NOT BE GYPSUM BASED. ALL STUCCO TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS.  
DETAILS ARE BASED ON DuROCK PUCCS SYSTEM



4 HORIZONTAL EXPANSION JOINT  
CN4 SCALE: 3"=1'-0"

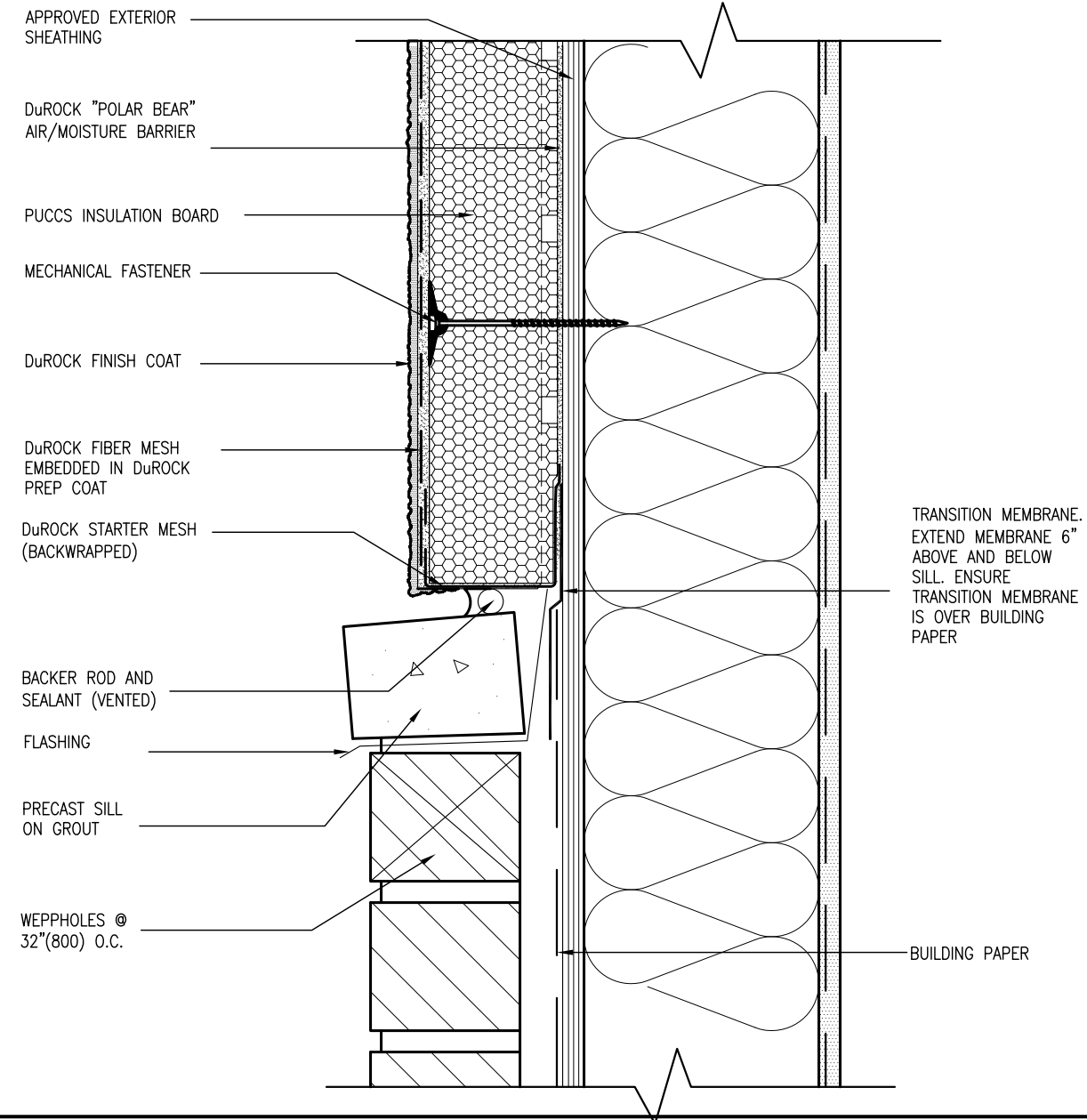
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| 9   | .                       | The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer. | qualification information   | Wellington Jno-Baptiste | 25591     |
| 8   | .                       |  | name  |                         | BCIN      |
| 7   | .                       |  | verification information  | <i>Jno-Baptiste</i>     | signature |
| 6   | .                       |  | verification information  |                         | signature |
| 5   | .                       |  | verification information  |                         | signature |
| 4   | .                       |  | verification information  |                         | signature |
| 3   | .                       |  | verification information  |                         | signature |
| 2   | UPDATE TO CODE          | APR 16-15 RC   | Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled. | date                    | by        |
| 1   | ISSUE FOR CLIENT REVIEW | MAY 07-14 RC   |   | date                    | by        |
| no. | description             |  |   |                         |           |






5 CORNER DETAIL  
CN5 SCALE: 3"=1'-0"

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



6 STUCCO / MASONRY PLINTH CONNECTION  
CN5 SCALE: 3"=1'-0"

|   |              |   |                                 |
|---|--------------|---|---------------------------------|
| 9 | .            | The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.  | 25591                           |
| 8 | .            | qualification information   | BCBN                            |
| 7 | .            |   |                                 |
| 6 | .            |   |                                 |
| 5 | .            | name<br>Wellington Jno-Baptiste   | signature<br><i>W. Baptiste</i> |
| 4 | .            | registration information<br>VA3 Design Inc.   | BCBN<br>42658                   |
| 3 | .            |   |                                 |
| 2 | APR 16-15 RC | Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled. |                                 |
| 1 | MAY 07-14 RC |   |                                 |
| 0 | description  |   |                                 |



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va3design.com

**BAYVIEW WELLINGTON**

**GREEN VALLEY ESTATES**

project name

date  
APR 2014

checked by  
RC

scale  
3/16" = 1'-0"

drawing no.  
CNS5

project no.  
13045

municipality  
BRADFORD

CONSTRUCTION NOTES

file name  
13045-CONST-0BC 2015

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**CONST NOTE**

**BAYVIEW WELLINGTON**

**GREEN VALLEY ESTATES**

project name

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APR 2014

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RC

scale  
3/16" = 1'-0"

drawing no.  
CNS5

project no.  
13045

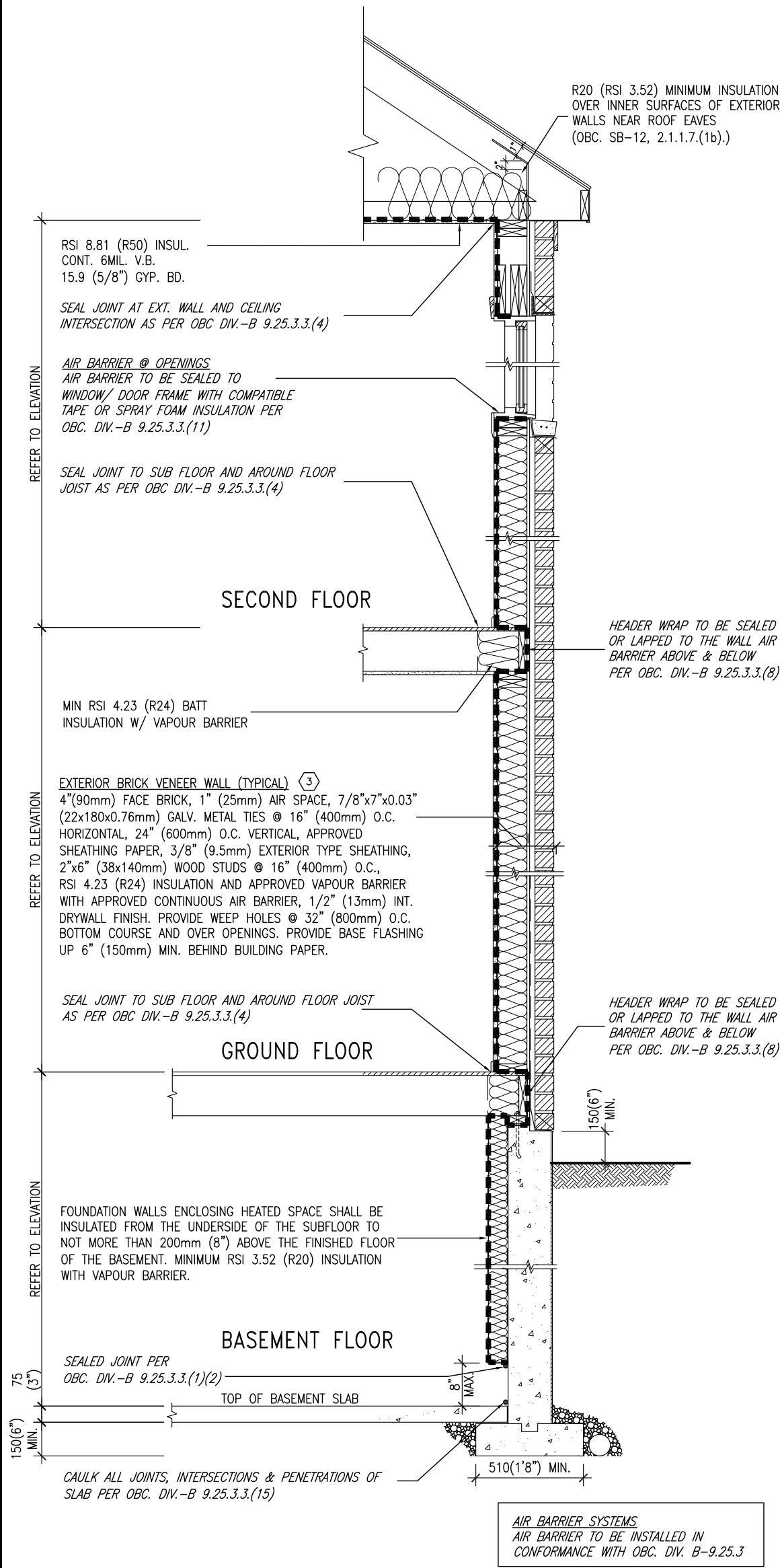
municipality  
BRADFORD

CONSTRUCTION NOTES

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SB12-COMPLIANCE PACKAGE 'D'

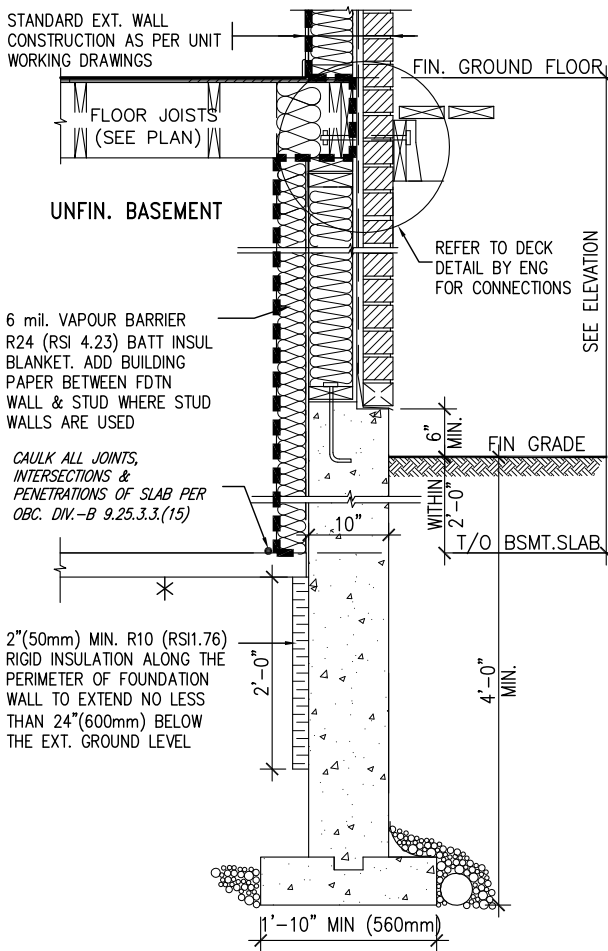


EW1 TYPICAL EXT. WALL AIR BARRIER CONTINUITY SECTION W/ BRICK VENEER SCALE: N.T.S.

TOWNS 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 (D):           |            |                            |
|---|------------|----------------------------|
| COMPONENT                                   | D          | Notes:                     |
| Ceiling with Attic Space                    | 8.81 (R50) | BLOWN -LOOSE               |
| Minimum RSI (R) value                       | (R50)      |                            |
| Ceiling without Attic Space                 | 5.46 (R31) | BATT or SPRAY              |
| Minimum RSI (R) value                       | (R31)      |                            |
| Exposed Floor                               | 5.46 (R31) | BATT or SPRAY              |
| Minimum RSI (R) value                       | (R31)      |                            |
| Walls Above Grade                           | 4.23 (R24) | 6\" R24 BATT               |
| Minimum RSI (R) value                       | (R24)      |                            |
| Basement Walls                              | 3.52 (R20) | 6\" R20 BLANKET            |
| Minimum RSI (R) value                       | (R20)      |                            |
| Edge of Below Grade Slab ≤600mm below grade | 1.76 (R10) | RIGID INSUL                |
| Minimum RSI (R) value                       | (R10)      |                            |
| Windows & Sliding glass Doors               | 1.8        | DOUBLE PANE LOW EMISSIVITY |
| Maximum U-value                             |            |                            |
| Skylights                                   | 2.8        | DOUBLE PANE LOW EMISSIVITY |
| Maximum U-value                             |            |                            |
| Space Heating Equipment                     | 94%        | NATURAL GAS                |
| Minimum AFUE                                |            |                            |
| Hot Water Heater                            | 0.67       | NATURAL GAS                |
| Minimum EF                                  |            |                            |
| HRV   | N/A        | NOT REQUIRED               |
| Minimum Efficiency                          |            |                            |



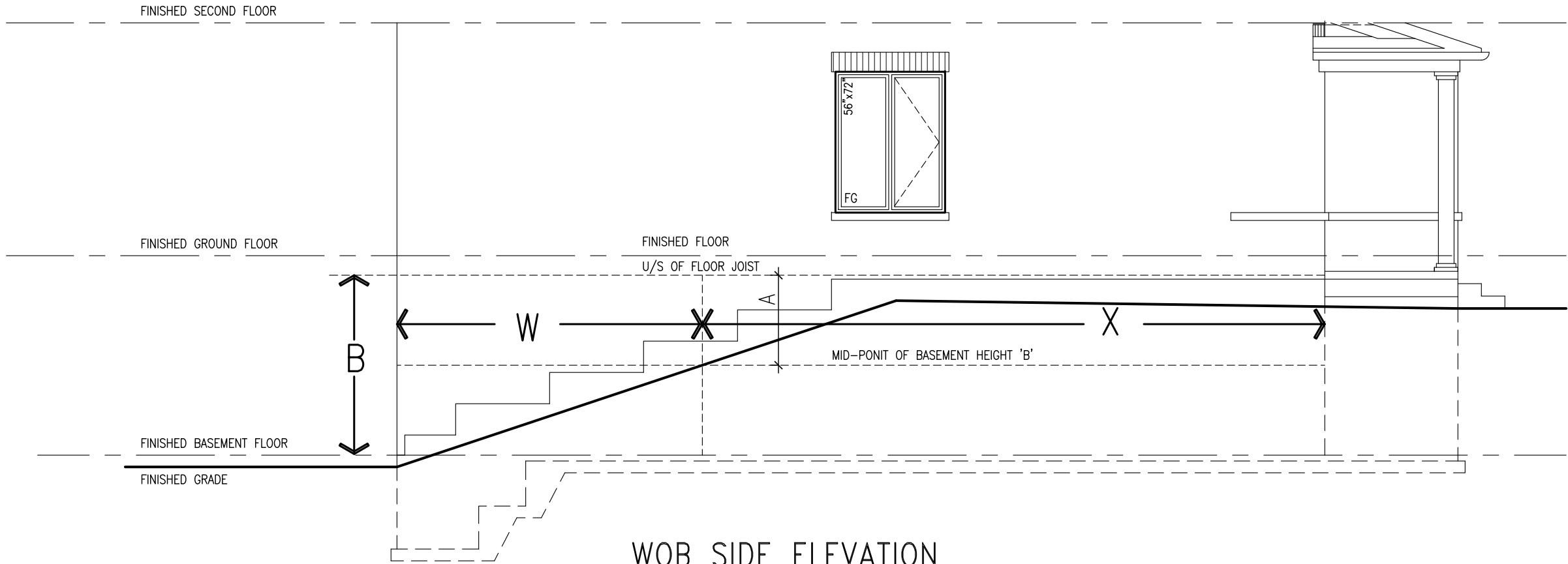
\* REVISED- 15 MARCH 2013

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

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|-----|-------------------------|-----------|----|---|
| 9   | .                       | .         | .  | The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.  |
| 8   | .                       | .         | .  | qualification information   |
| 7   | .                       | .         | .  | Wellington Jno-Baptiste 25591   |
| 6   | .                       | .         | .  | name  |
| 5   | .                       | .         | .  | registration information  |
| 4   | .                       | .         | .  | VA3 Design Inc. 42658   |
| 3   | .                       | .         | .  |   |
| 2   | UPDATE TO CODE          | APR 16-15 | RC | Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled. |
| 1   | ISSUE FOR CLIENT REVIEW | MAY 07-14 | RC |   |
| no. | description             | date      | by |   |



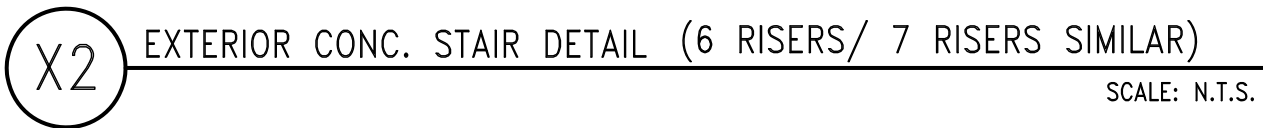
| BAYVIEW WELLINGTON   |                      | CONST NOTE                     |                     |
|--|----------------------|--------------------------------|---------------------|
| project name   | GREEN VALLEY ESTATES | municipality                   | BRADFORD            |
| date   | APR 2014             | project no.                    | 13045               |
| drawn by   | RC                   | checked by                     | scale 3/16" = 1'-0" |
| CONSTRUCTION NOTES   |                      | file name 13045-CONST-OBC 2015 |                     |
| RICHARD - H:\ARCHIVE\WORKING\2013\13045\units\13045-CONST-OBC 2015.dwg - Wed - Jun 3 2015 - 10:51 AM |                      | drawing no. CN6                |                     |



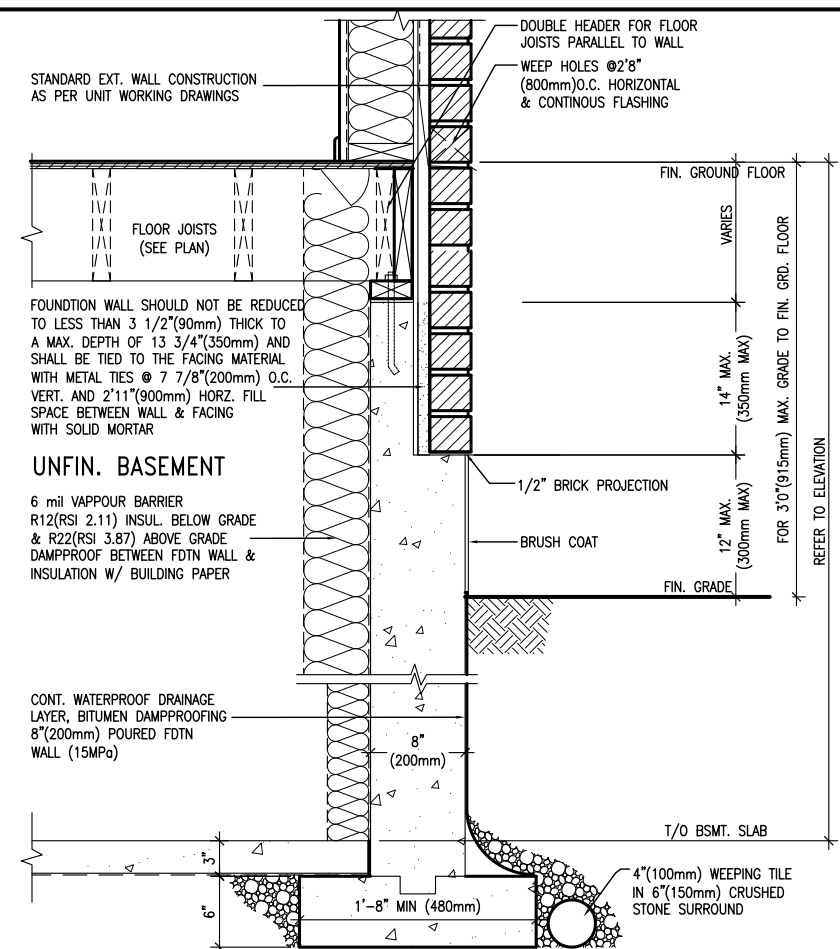
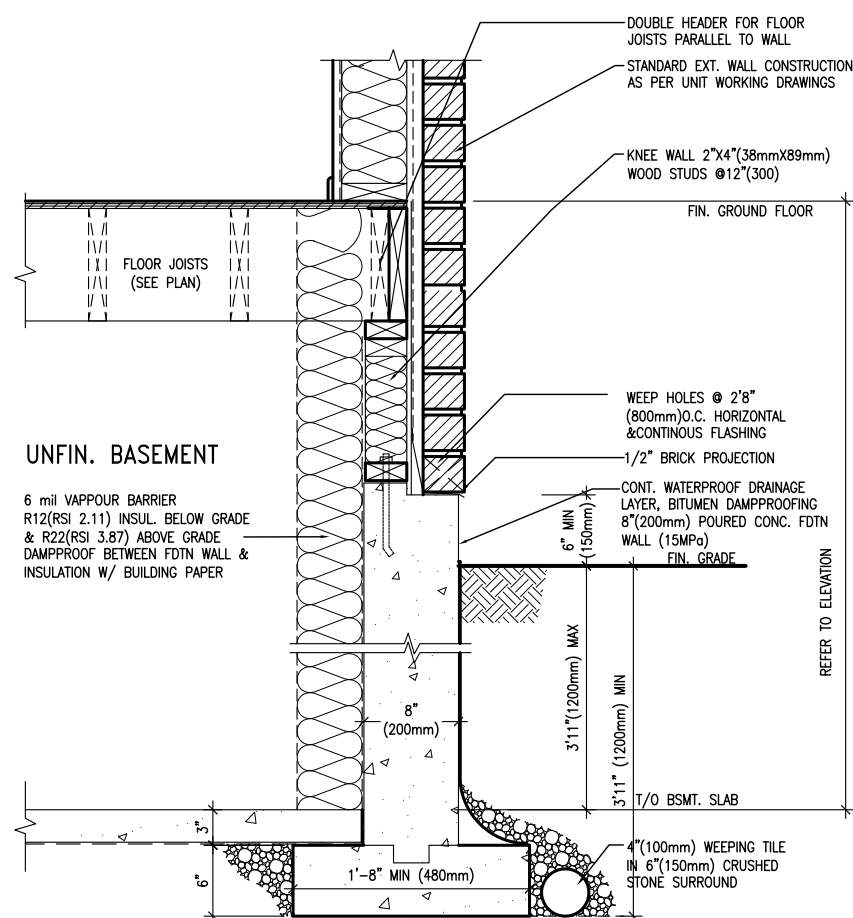
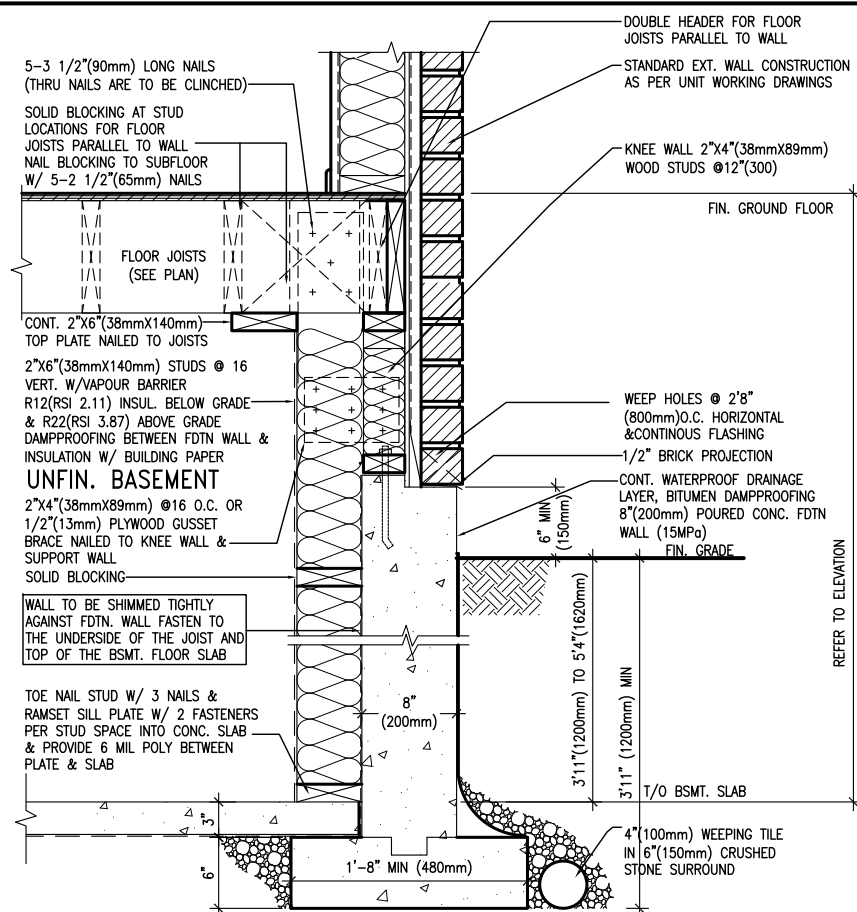
WHEN EXPOSED WALL "A" IS GREATER THAN 50% OF BASEMENT WALL HEIGHT "B"  
INSULATION VALUE FOR WALL IN SECTION "W" IS NOT LESS THAN IS REQUIRED FOR ABOVE GRADE WALL AS REQUIRED BY TABLE 2.1.1.2A

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

| CONST NOTE |                         |              | BAYVIEW WELLINGTON |                      |                      |
|------------|-------------------------|--------------|--------------------|----------------------|----------------------|
| 9 .        | .                       | .            | project name       | GREEN VALLEY ESTATES | project no.          |
| 8 .        | .                       | .            | date               | APR 2014             | 13045                |
| 7 .        | .                       | .            | checked by         | RC                   | drawing no.          |
| 6 .        | .                       | .            | scale              | 3/16" = 1'-0"        | CN7                  |
| 5 .        | .                       | .            | checked by         | RC                   | CONSTRUCTION NOTES   |
| 4 .        | .                       | .            | checked by         | RC                   | 13045-CONST-OBC 2015 |
| 3 .        | .                       | .            | checked by         | RC                   | file name            |
| 2 .        | UPDATE TO CODE          | APR 16-15 RC | checked by         | RC                   | 13045-CONST-OBC 2015 |
| 1 .        | ISSUE FOR CLIENT REVIEW | MAY 07-14 RC | checked by         | RC                   | 13045-CONST-OBC 2015 |
| no.        | description             | date         | checked by         | RC                   | 13045-CONST-OBC 2015 |



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




| BAYVIEW WELLINGTON | CONST NOTE |
|--------------------|------------|
|--------------------|------------|

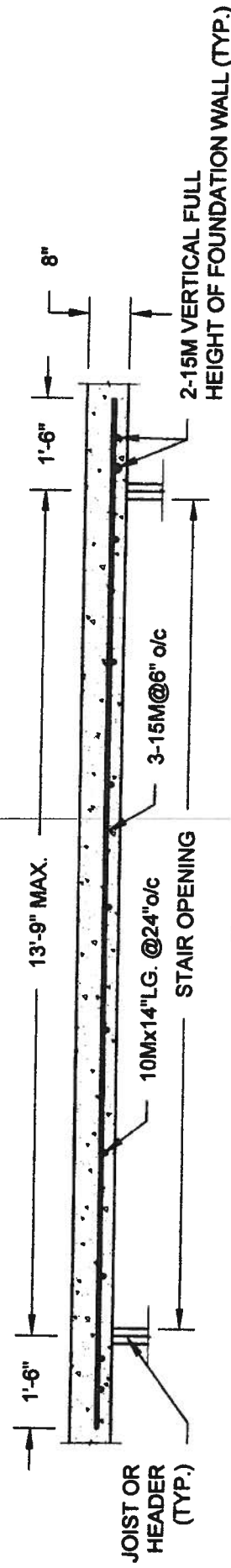
**BAYVIEW WELLINGTON**

|   |                                   |                             |
|---|-----------------------------------|-----------------------------|
| <b>project name</b>   | <b>municipality</b>               | <b>project no.</b>          |
| <b>GREEN VALLEY ESTATES</b>   | <b>BRADFORD</b>                   | <b>13045</b>                |
| <b>date</b>   | <b>CONSTRUCTION NOTES</b>         | <b>drawing no.</b>          |
| <b>APR 2014</b>   |                                   | <b>CN9</b>                  |
| <b>RC</b>   | <b>scale</b>                      | <b>file name</b>            |
| <b>drawn by</b>   | <b>checked by</b>                 | <b>13045-CONST-OBC 2015</b> |
| <b>-</b>  | <b>3/16" = 1'-0"</b>              |                             |
| <b>RICHARD - H. VARCHIE WORKING\3\13045-BW units\13045-CONST-OBC 2015.dwg</b> | <b>Mon - May 4 2015 - 4:04 PM</b> |                             |

**V3**  
**DESIGN**  
300A Willson Avenue  
Toronto ON M3H 1S8  
6.630.2255 f 416.630.  
va3design.com

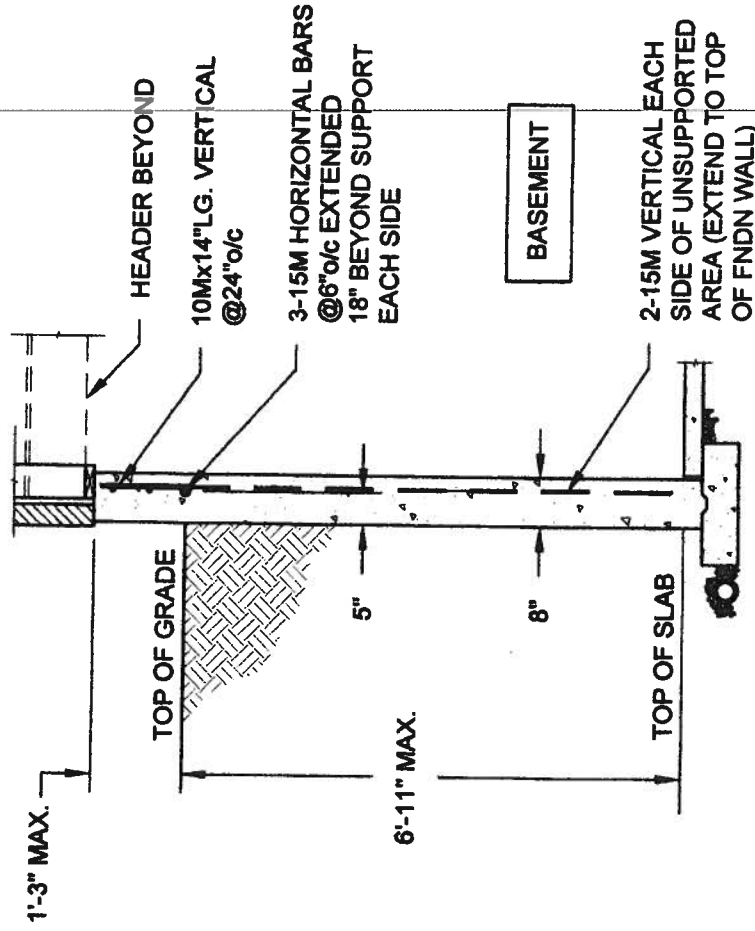
|   |  |
|---|--|
| <p>The undersigned has reviewed and takes responsibility for this design.<br/>I understand his/her qualifications and meets the requirements set out in the Ontario Building Code to be a Designer.</p> | <br>signature |
| <p><b>Wellington Jno-Baptiste</b></p>   | <p><b>BCIN</b></p>   |
| <p>name<br/>registration information<br/><b>V3adsign Inc.</b></p>   | <p><b>25591</b></p>  |
| <p>qualification information</p>  | <p><b>42658</b></p>  |

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## PLAN VIEW

NOT TO SCALE

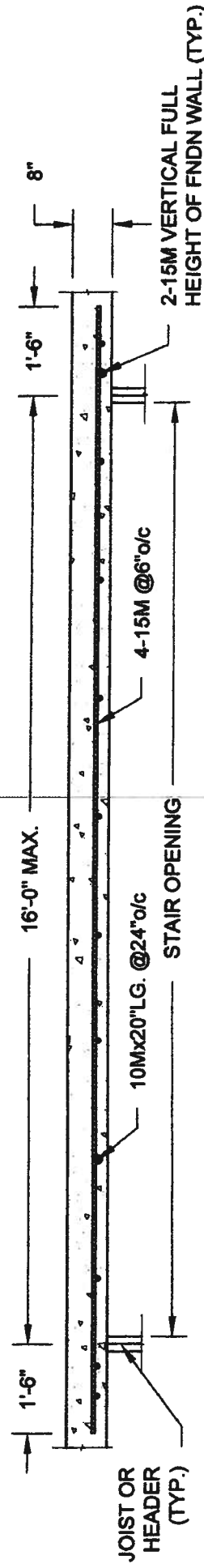


NOTE:

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.

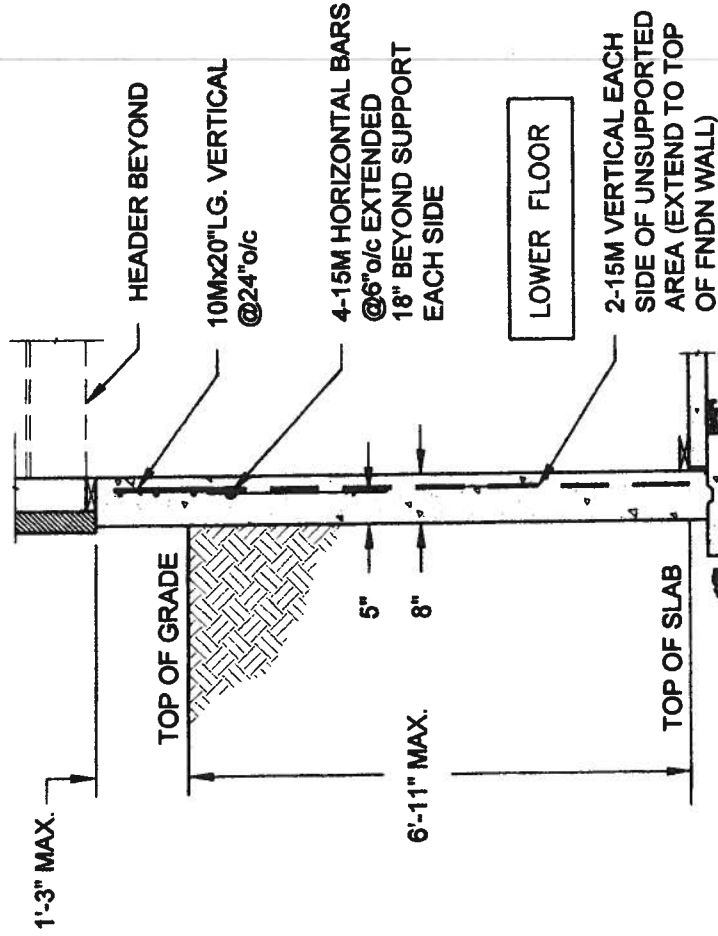
## 1A LATERALLY UNSUPPORTED WALL

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"

QUAILE ENGINEERING LTD.



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Engineer's Seal:



MAY 7 2014

Project:

BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT  
BRADFORD, ONTARIO

TYPICAL STRUCTURAL DETAILS

Project No.:

14-095, 14-096, 14-097

Drawing No.:

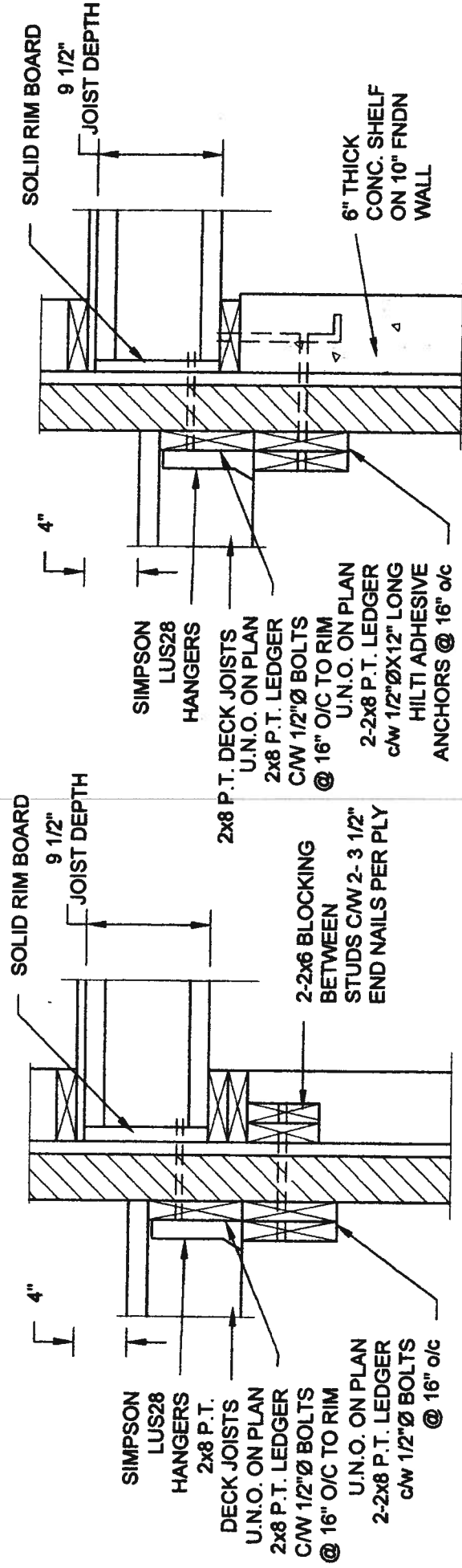
S1

Scale:  
AS NOTED

Date:  
MAY-27-2014

Drawn: SC  
Checked: SJB

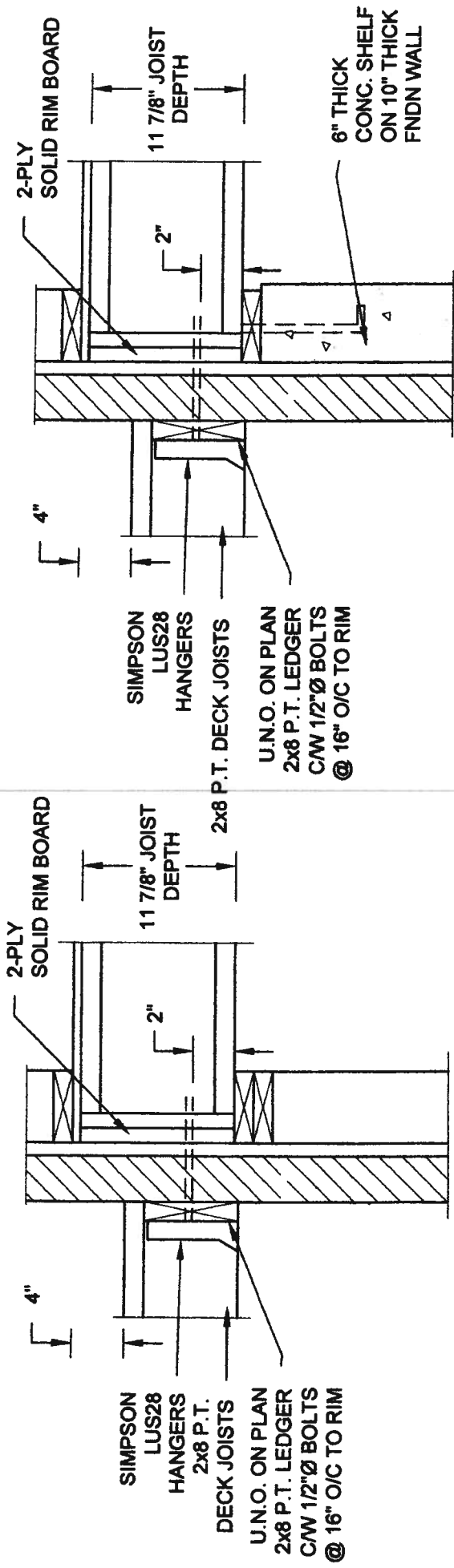
# FOR 9 1/2" JOIST DEPTH



**1A 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.

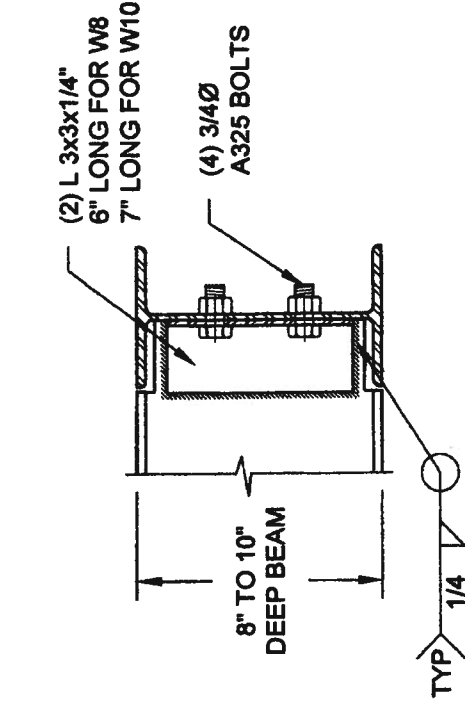
# FOR 11 7/8" JOIST DEPTH



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

- 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.

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



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

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

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

Scale: AS NOTED

Date: MAY-27-2014

Drawn: SC Checked: SJB

**QUAILE ENGINEERING LTD.**



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E: quaile.eng@rogers.com

Engineer's Seal:



MAY 27 2014

Project:

BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT  
BRADFORD, ONTARIO

TYPICAL STRUCTURAL DETAILS

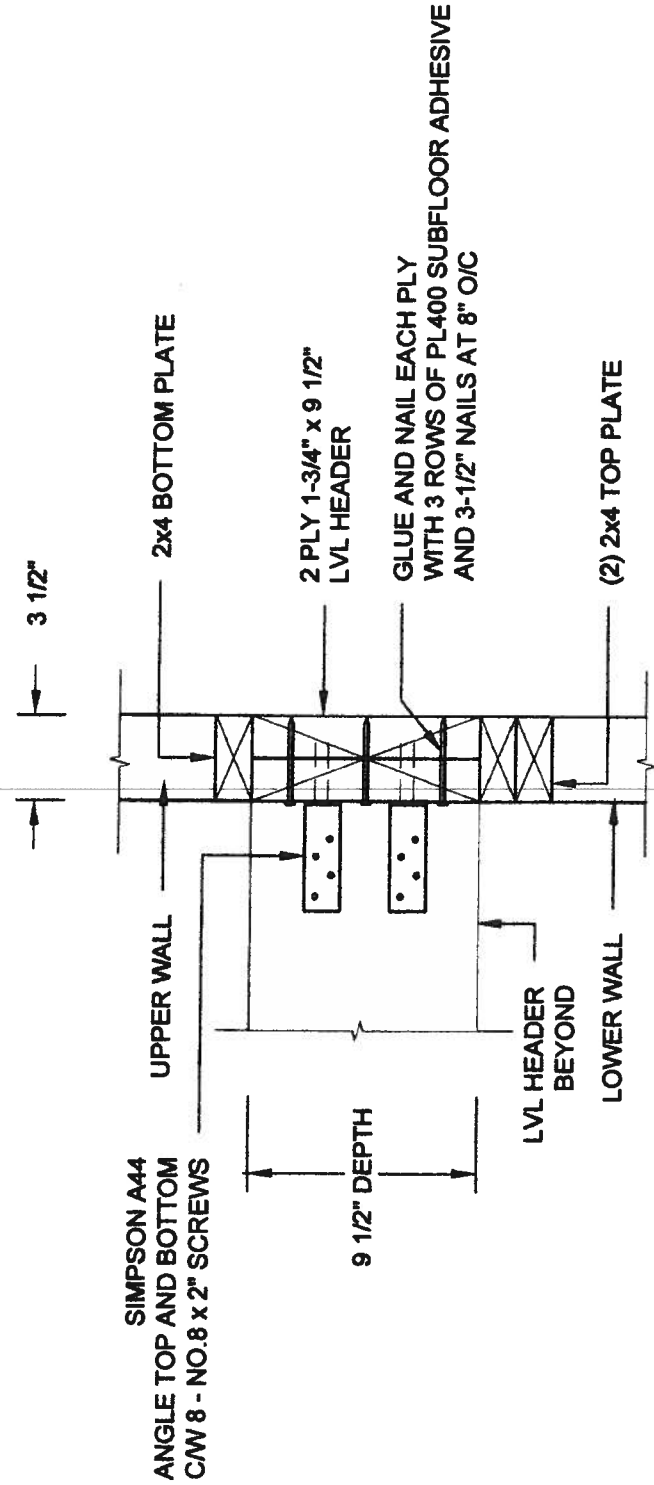
Project No.:

14-095, 14-096, 14-097

Drawing No.:

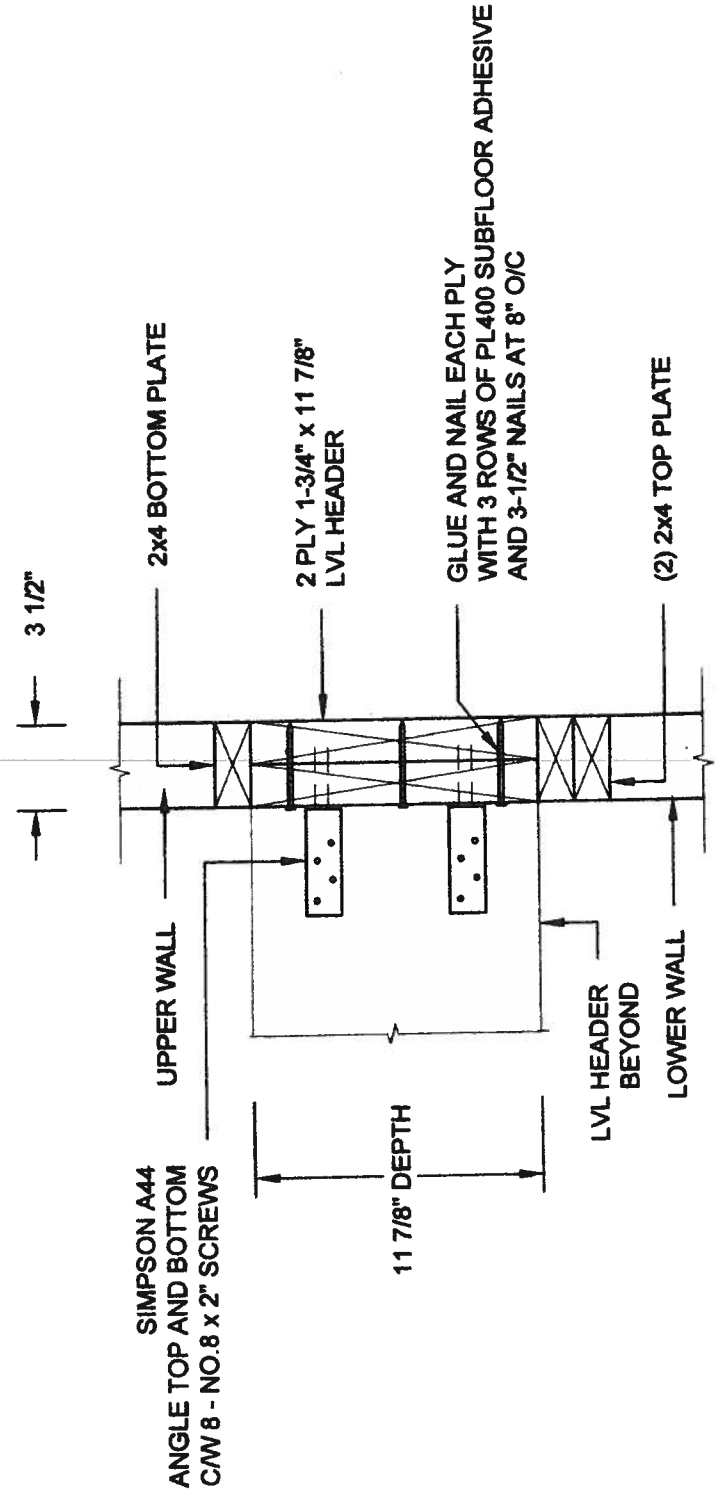
S2

FOR 9 1/2" JOIST DEPTH




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

FOR 11 7/8" JOIST DEPTH



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

|                      |  |                    |
|----------------------|--|--------------------|
| Scale:<br>AS NOTED   | Project:<br>BAYVIEW WELLINGTON HOMES - GREEN VALLEY ESTATES PROJECT<br>BRADFORD, ONTARIO                             |                    |
|                      | Typical Structural Details   |                    |
|                      | Project No.:<br>14-095, 14-096, 14-097   | Drawing No.:<br>S3 |
| Date:<br>MAY-27-2014 | <div>Engineer's Seal:<br/></div> |                    |
| Drawn:<br>SC         |  |                    |
| Checked:<br>SJB      | F:\SattC-08\2014\14-096 BAYVIEW WELLINGTON GREEN VALLEY\14-096.dwg   |                    |

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