



DCR/PHOENIX GROUP OF COMPANIES

*Land and Housing Development
Commercial and Residential Properties
Granite Fabrication
www.phoenixhomes.ca*

Wednesday, April 4, 2012

City of Ottawa
101 CentrepoinTE Dr.
Ottawa, Ontario
K2G 5K7

Attention: Scott D. Lockhart
Infrastructure Services & Community Sustainability
Building Code Services
Building Official

Re: Energy Efficiency Review Summary.

Scott

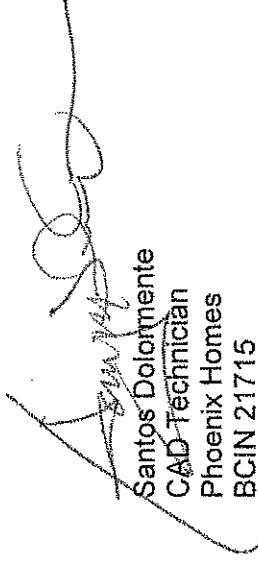
The Project Design conditions and Building Specifications found in Section C & D of the EEDS form and the air barrier details identified are superseding those previously submitted under the master Footprint and now form part of the original Master Footprint.

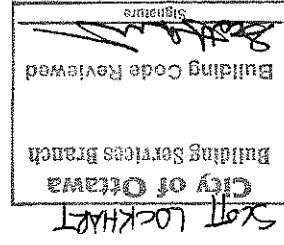
See attached SB12 Compliance Package Specification Sheet 1 of 2 dated January 2012 last revised January 31, 2012.

See attached SB12 Compliance Package Details (All Models) Sheet 2 of 2 dated January 2012 last revised March 28, 2012.

If you have any question or concerns or require additional information please contact me at 723-9227 ext. 134.

Sincerely,


Santos Dolomite
CAD Technician
Phoenix Homes
BCIN 21715



Approval of Continuous Air
Barrier Mar 13, 2012

Specific Model Naming Conventions as follows:

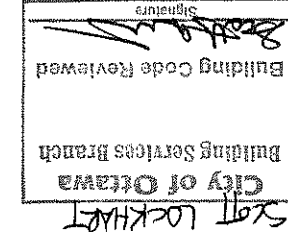
Chesapeake 2007 A
Chesapeake 2007 A 4 bdrm
Chesapeake 2007 A 5 bdrm
Chesapeake 2007 B
Chesapeake 2007 B 4 bdrm
Chesapeake 2007 B 5 bdrm

Chestermere 2007 A WO
Chestermere 2007 B WO

Kensington 2007 A
Kensington 2007 B

Sheridan 2007 A
Sheridan 2007 B

Arlington 2011 A
Arlington 2011 B
Arlington 2011 C



Approval of Continuous Air
Barrier Mar 13, 2012

Specific Model Naming Conventions as follows:

Addison 2007 A
 Addison 2007 B
 Addison 2007 C

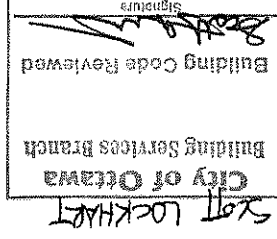
 Rosemere 2007 A
 Rosemere 2007 B
 Rosemere 2007 C
 Rosemere 2009 A Walkout
 Rosemere 2009 B Walkout
 Rosemere 2009 C Walkout

Dorval 2007 A 3 bdrm
 Dorval 2007 A 4 bdrm
 Dorval 2007 B 3 bdrm
 Dorval 2007 B 4 bdrm
 Dorval 2007 C 3 bdrm
 Dorval 2007 C 4 bdrm

Fairglen 2007 A 3 bdrm
 Fairglen 2007 A 4 bdrm
 Fairglen 2007 B 3 bdrm
 Fairglen 2007 B 4 bdrm

Georgian 2007 A 3 bdrm
 Georgian 2007 A 4 bdrm
 Georgian 2007 B 3 bdrm
 Georgian 2007 B 4 bdrm
 Georgian 2007 C 3 bdrm
 Georgian 2007 C 4 bdrm

Griffin 2007 A 3 bdrm
 Griffin 2007 A 4 bdrm
 Griffin 2007 B 3 bdrm
 Griffin 2007 B 4 bdrm
 Griffin 2007 C 3 bdrm
 Griffin 2007 C 4 bdrm



Approval of Continuous Air
 Barrier Mar 13, 2012



DCR/PHOENIX GROUP OF COMPANIES

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Thursday April 30, 2012

City of Ottawa
225, Centrum Blvd.
Ottawa, Ontario
K1E 3V8

Attention: Scott D. Lockhart
Infrastructure Services & Community Sustainability
Building Code Services
Building Official

Re: Energy Efficiency Review Summary.

Scott,

The Project Design conditions and Building Specifications found in Section C & D of the EEDS form and the air barrier details identified are superseding those previously submitted under the master Footprint and now form part of the original Master Footprint.

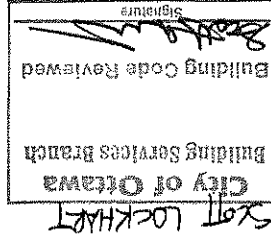
See attached:

- Details Compliance Package Criteria Sheet CN1 dated January 2012 (revised January 2012).
- Details Sheet SB-12 dated January 2011.
- Revised Mechanical Ventilation Design Summaries.
- Applicable EEDS forms.

If you have any question or concerns or require additional information please contact me at 723-9227 ext. 134.

Sincerely,


John S. Fares
Construction Manager
Phoenix Homes



Approval of Continuous Air
Barrier May 23, 2012

Specific Model Naming Conventions as follows:

Bourne 2007 A	35-1 2009 A	B1 2007 A
Bourne 2007 B	35-1 2009 A w loft	B1 2007 B
Bourne 2007 C	35-1 2009 B	B4 2007 A
Brewster 2007 A	35-1 2009 B w loft	B4 2007 B
Brewster 2007 B	35-2 2009 A	B4 2007 C
Brewster 2007 C	35-2 2009 B	B5 2007 A
Chatam 2007 A	35-3 2009 A	B5 2007 A
Chatam 2007 B	35-3 2009 B	B5 2007 A w ensuite
Chatam 2007 C	35-4 2009 A 3 bdrm	B5 2007 A with Ensuite
	35-4 2009 A 4 bdrm	B5 2007 B
Platina 2007 A	35-4 2009 A 4 bdrm alt	B5 2007 B
Platina 2007 B	35-4 2009 B 3 bdrm	B5 2007 B w ensuite
Yarmouth 2007 A	35-4 2009 B 4 bdrm	B5 2007 B with Ensuite
Yarmouth 2007 A alt 2nd floor	35-4 2009 B 4 bdrm alt	Butterfield 2007 A
Yarmouth 2007 B		Butterfield 2007 B
Yarmouth 2007 B alt 2nd floor		Nodus 2007 A
		Nodus 2007 B
50-1 2009 A	35-5 Cardiff 2009 A	S1 2007 A
50-1 2009 B	35-5 Cardiff 2009 A 2nd flr layout	S1 2007 B
50-2 2009 A	35-5 Cardiff 2009 B	S2 2008 A 3 bdrm
50-2 2009 B	35-5 Cardiff 2009 B 2nd flr layout	S2 2008 A 4 bdrm
		S2 2008 B 3 bdrm
		S2 2008 B 4 bdrm
		S3 Babylonian 2007 A
		S3 Babylonian 2007 B
		S4-2007 A
		S4-2007 B
		S4-2007 C

Scot Lockhart
 City of Ottawa
 Building Services Branch
 Building Code Reviewed
 Signature

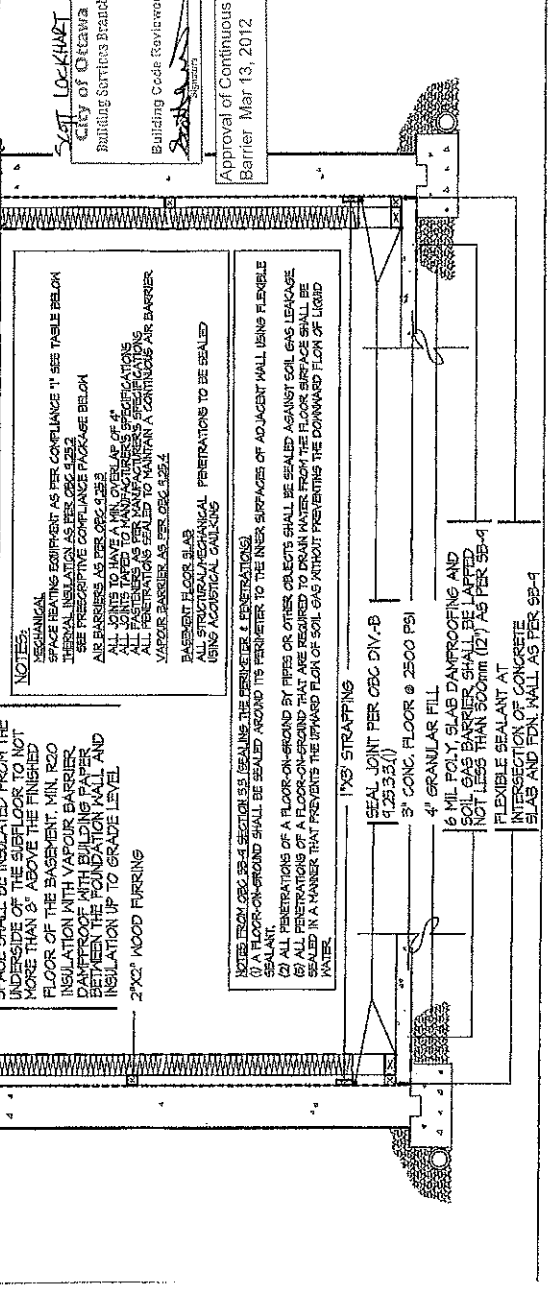
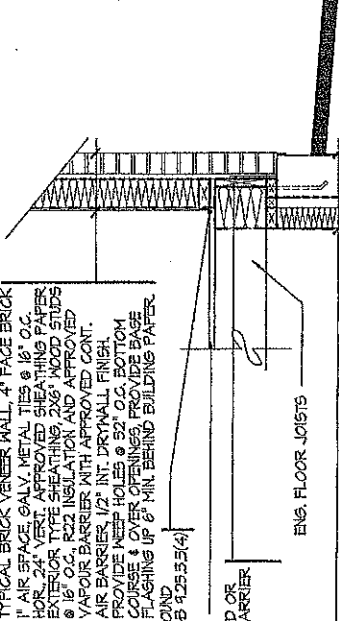
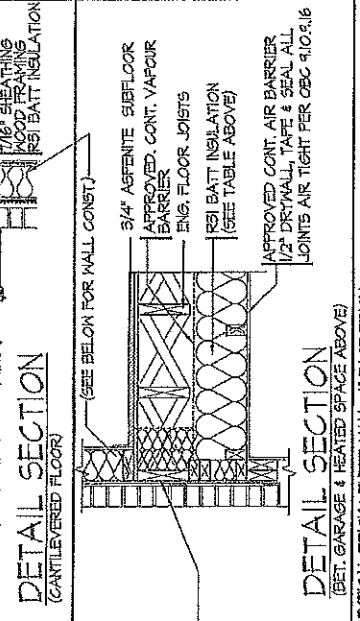
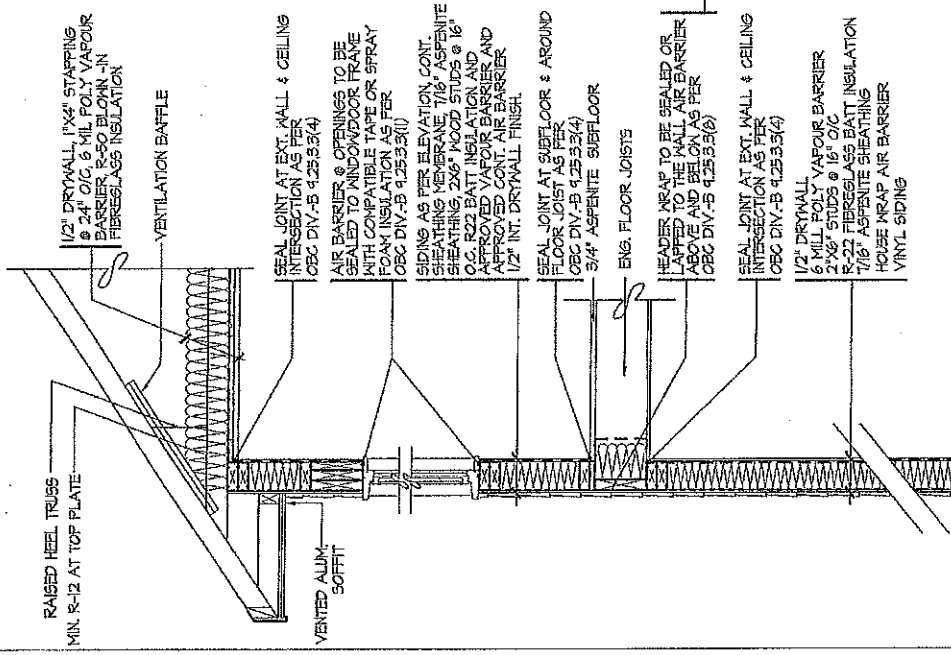
Approval of Continuous Air
Barrier May 23, 2012

PREScriptive COMPLIANCE PACKAGE

THE MINIMAL THERMAL PERFORMANCE OF BUILDING ENVELOPE AND EQUIPMENT SHALL CONFORM TO THE FOLLOWING SB-12 COMPLIANCE PACKAGE AS PER CBC SUPPLEMENTARY STANDARD SB-12 SECTION 2.1.1 (RATIO OF GROSS AREA OF GLAZING TO PERIPHERAL WALLS ARE LESS THAN 17%)

O.B.C. TABLE 2.1.1.2 A COMPLIANCE PACKAGE "1"

1. CEILING WITH ATTIC SPACE - MIN. (RSI 0.20) R20
2. CEILING WITHOUT ATTIC SPACE - MIN. (RSI 0.40) R31
3. EXPOSED FLOOR - MIN. (RSI 0.40) R31
4. WALLS ABOVE GRADE - MIN. (RSI 0.20) R22
5. BASEMENT WALLS - MIN. (RSI 0.35) R20
6. EDGE OF BELOW GRADE SLAB (LESS THAN OR EQUAL TO 24" B.G.) - MIN. (RSI 1.76) R10
7. HEATED SLAB (OR SLAB LESS THAN OR EQUAL TO 24" B.G.) - MIN. (RSI 1.76) R10
8. WINDOWS & SLIDING GLASS DOORS - MAX. U-VALUE OF 1.0
9. SGLIGHTS MAX. U-VALUE OF 2.0
10. SPACE HEATING EQUIPMENT - MIN. ARIE OF 0.26
11. HWY MIN. EFFICIENCY OF 50%
12. DOMESTIC HOT WATER HEATER, MIN. EF. OF 0.626



TYP. DETAIL SECTION
FOR SIDING APPLICATION

PART TYP. DETAIL SECTION
FOR BRICK VENEER APPLICATION

SB12 COMPLIANCE PACKAGE DETAILS (ALL MODELS)

Designer Information:
The undersigned has prepared and true responsibility for this design and has the authority to issue and seal the drawings and is not a member of the Engineering Council of Ontario.

[Signature]
Kurtis A. Bohmer
Professional Engineer
No. 27715
Exp. 2016-01-01

Footprints: ALL MODELS

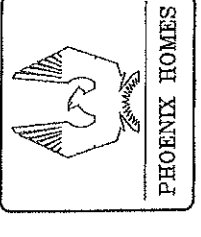
drawn by: SD

date: JAN12

scale: 3/16"=1'-0"

sheet no: 2

No.	Description	Date	By
2	ADDED CANTILEVERED FLOOR DETAIL	MAR2012	TL
1	CBC SB-4 & SB-12 COMPLIANCE PACKAGE	JAN2-12	TL



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. CONT. REE. 1302/06-2006 OBC.

- [illegible]

MAX. RISE	200	(7'-10")
MIN. RUN	210	(8'-1/4")
MIN. TREAD	235	(9'-1/4")
MAX. NOSING	25	(1")
MIN. HEADROOM	1950	(6'-5")
MAX. SLOPE	200	(1/4")

- oen
hitect**
- BECOM: 674**
- Resident Architect
Insurance
- 630-2295
630-4782
oe@joenarch.com

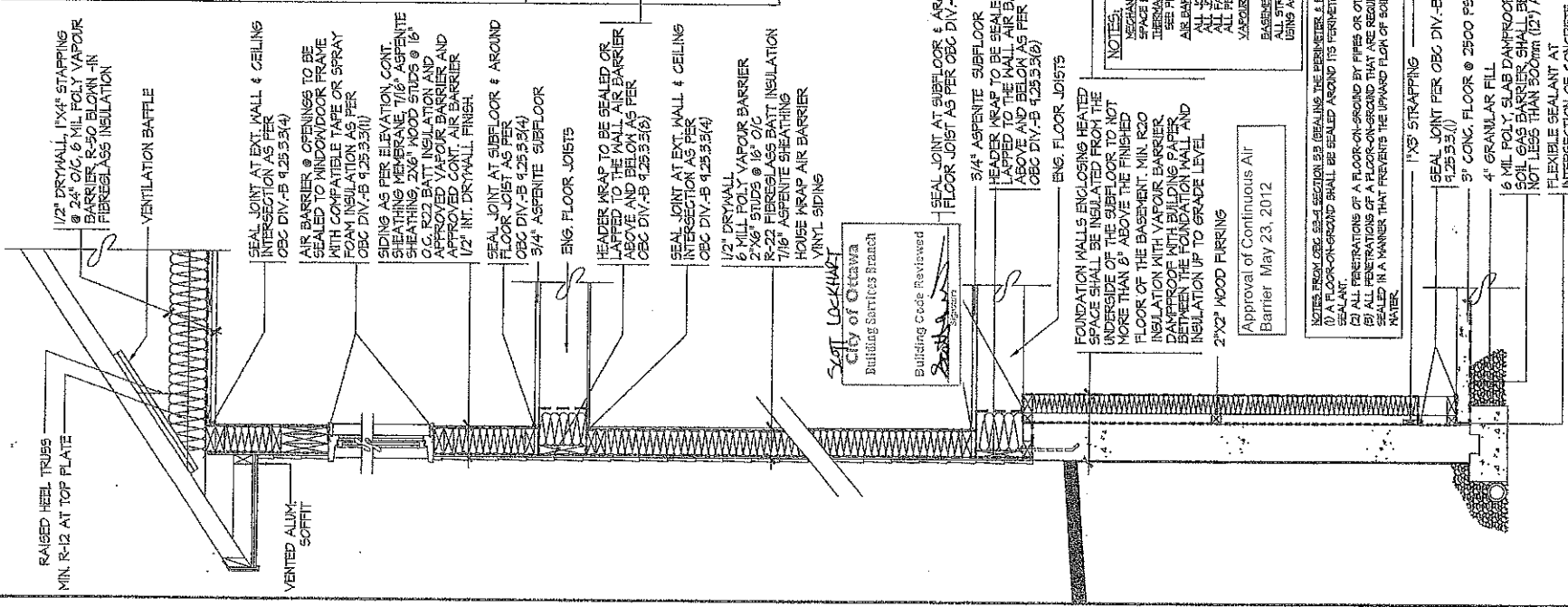
EXPANDING FACE SHALL BE CLAD IN NON-COMBUSTIBLE MATERIAL.
SEE ELEVATIONS FOR ADDITIONAL NOTES.
FOR CELLAR PORCH SLAB (FORS 8.40).

- [illegible]

TWO STOREY VOLUME SPACES
FOR A MINIMUM 540 mm (18'-0") HEIGHT AND MAXIMUM
SUPPORTED ROOF TRUSS LENGTH OF 5.0m, PROVIDE
200-300x40 (2-2 1/2") SPR-42 CONTR. STUDS @ 300mm (12")
O.C. (TRIPLE UP AT EVERY THIRD JOIST) STUD FOR BRICK
WALLS) C/N 9.6 (3/8") THICK EXT. PLYWOOD SHEATHING,
PROVIDE 200-300x40 (2-2 1/2") SPR-42 CONTR. STUDS @

- | | | | |
|-------------|--|-------------|---|
| Sheet Title | DETAILS
COMPLIANCE PACKAGE CRITERIA | | |
| Drawn By | Checked By | Scale | Drawing No. |
| WAL | X | 1:1 | CN1 |
| Project No. | Date | File Name | File Path |
| | JANUARY 2012 | AIR Barrier | \\BARRIER_PAK 1 |
| | | | BARRIER_PAK (dms - Wed, 08/25/2012 - 2541 PM) |

- PREScriptive COMPLIANCE PACKAGE**
- THE MINIMAL THERMAL PERFORMANCE OF BUILDING ENVELOPE AND EQUIPMENT SHALL CONFORM TO THE FOLLOWING SB-12 COMPLIANCE PACKAGE AS PER CBC SUPPLEMENTARY STANDARD SB-12 SECTION 2.11.1 (RATIO OF GROSS AREA OF GLAZING TO PERIPHERAL WALLS ARE LESS THAN 17%)
- O.B.C. TABLE 2.11.2 A COMPLIANCE PACKAGE 1***
1. CEILING WITH ATTIC SPACE - MIN. (RSI 0.81) R20
 2. CEILING WITHOUT ATTIC SPACE - MIN. (RSI 5.46) R31
 3. EXPOSED FLOOR - MIN. (RSI 5.46) R31
 4. WALLS ABOVE GRADE - MIN. (RSI 3.97) R22
 5. BASEMENT WALLS - MIN. (RSI 3.97) R20
 6. EDGE OF BELOW GRADE SLAB (LESS THAN OR EQUAL TO 24" B.G.) - MIN. (RSI 1.76) R10
 7. HEATED SLAB (OR SLAB LESS THAN OR EQUAL TO 24" B.G.) - MIN. (RSI 1.76) R10
 8. WINDOWS & SLIDING GLASS DOORS - MAX. U VALUE OF 1.0
 9. SKYLIGHTS MAX. U VALUE OF 2.0
 10. SPACE HEATING EQUIPMENT - MIN. ARE OF 425
 11. HWY - MIN. EFFICIENCY OF 55%
 12. DOMESTIC HOT WATER HEATER, MIN. EF OF 0.628



TYP. DETAIL SECTION
FOR SIDING APPLICATION

PART TYP. DETAIL SECTION
FOR BRICK VENEER APPLICATION

Viljoen Architect Inc. 330 A. Weston Avenue Toronto, Ontario TEL: (416) 630-9255 FAX: (416) 630-4782 EMAIL: info@viljoenarch.com	Client PHOENIX HOMES Project Name OTTAWA, ONTARIO Unit Name 11x17-PRO-01T-09	Sheet Title DETAILS	Drawn By PHX/HOMES	Checked By XY
		ECIN: 674- 1000-1000	Scale 3/16"=1'-0"	Project No. JAN 2011

11x17-PRO-01T-09
 SB-12
 11x17-PRO-01T-09
 11x17-PRO-01T-09
 11x17-PRO-01T-09