#1

COMPLETE

Collector:

Web Link 1 (Web Link)

Started:

Wednesday, November 27, 2019 11:51:36 AM

Last Modified: Time Spent: Wednesday, November 27, 2019 11:56:13 AM

Time Spent: IP Address:

00:04:36 70.67.150.46

Page 1

Q1 Which best describes your role in the Building

industry?

Registered Professional

Q2 Do you primarily construct: (indicate all that apply)

Part 3 residential

buildings

Part 3 office or retail

buildings

Part 9 single family/duplex

buildings

Part 9 Multi Family

buildings

Q3 How would you rate your familiarity with the City's

Building Bylaw:

Very Familiar

Q4 Do you feel the current Building Bylaw is conducive

to operating a construction company in Courtenay:

Neutral towards construction

Q5 What aspect of the bylaw could be changed for the most benefit and why: (and sorry, permits will not be free and we still will continue to conduct inspections)

Respondent skipped this question

Q6 How would you rate your familiarity with the BC

Energy Step Code:

Very Familiar

Q7 Have you ever intentionally built to or been part of a project that was built to one of the Steps of the BC Energy Step Code:

Yes

Q8 If you answered "yes" to question #7, what step was the building constructed to:

Step 4

Q9 If you were required to build to one of the Steps in the BC Energy Step code, how much lead time would you require to find an energy advisor, alter construction techniques, source materials etc: Other (please specify): Call Cristi

Q10 If Courtenay was to require Part 9 Buildings be constructed to Step 3, what do you anticipate to be the biggest challenges or barriers:

Resistance from builders and trades to do something that they have not done before.

Q11 If Courtenay was to require Part 3 Buildings be constructed to Step 2, what would you anticipate to be the biggest challenges or barriers:

Convincing Owners and Builders to do the energy model and the blower door test!

Q12 What would the best way for the City of Courtenay to support local construction with the transition to adopting the BC Energy Step Code:

Education opportunities

Q13 Do you have any additional comments or concerns relating to the proposed changes to Courtenay's building bylaw or the adoption of the BC Energy Step Code.

#2

COMPLETE

Collector:

Web Link 1 (Web Link)

Started:

Friday, November 29, 2019 3:59:04 PM

Last Modified: Time Spent:

Friday, November 29, 2019 4:00:35 PM

IP Address:

184.66.106.127

00:01:31

Page 1

Q1 Which best describes your role in the Building

industry?

General Contractor

Q2 Do you primarily construct: (indicate all that apply)

Part 3 residential

buildings

Part 3 office or retail

buildings

Part 9 single family/duplex

buildings

Part 9 Multi Family

buildings

O3 How would you rate your familiarity with the City's

Building Bylaw:

Somewhat familiar

O4 Do you feel the current Building Bylaw is conducive

to operating a construction company in Courtenay:

Neutral towards construction

O5 What aspect of the bylaw could be changed for the most benefit and why: (and sorry, permits will not be free and we still will continue to conduct inspections)

Respondent skipped this question

Q6 How would you rate your familiarity with the BC Energy Step Code:

Somewhat familiar

Q7 Have you ever intentionally built to or been part of a project that was built to one of the Steps of the BC **Energy Step Code:**

No

Q8 If you answered "yes" to question #7, what step was the building constructed to:

Q9 If you were required to build to one of the Steps in the BC Energy Step code, how much lead time would you require to find an energy advisor, alter construction techniques, source materials etc:

3 Months

Q10 If Courtenay was to require Part 9 Buildings be constructed to Step 3, what do you anticipate to be the biggest challenges or barriers:

Increased building costs

Q11 If Courtenay was to require Part 3 Buildings be constructed to Step 2, what would you anticipate to be the biggest challenges or barriers:

Increased building costs

Q12 What would the best way for the City of Courtenay to support local construction with the transition to adopting the BC Energy Step Code:

Education opportunities,

Cost

offsets

Rebate program assistance

Q13 Do you have any additional comments or concerns relating to the proposed changes to Courtenay's building bylaw or the adoption of the BC Energy Step Code.

#3

COMPLETE

Collector:

Web Link 1 (Web Link)

Started:

Friday, November 29, 2019 7:33:49 PM

Last Modified:

Friday, November 29, 2019 7:46:49 PM

Time Spent: IP Address:

00:13:00

209.52.88.221

Page 1

Q1 Which best describes your role in the Building

industry?

General Contractor

Q2 Do you primarily construct: (indicate all that apply)

Part 9 single family/duplex

buildings

Q3 How would you rate your familiarity with the City's

Building Bylaw:

Somewhat familiar

Q4 Do you feel the current Building Bylaw is conducive to operating a construction company in Courtenay:

Respondent skipped this question

Q5 What aspect of the bylaw could be changed for the most benefit and why: (and sorry, permits will not be free and we still will continue to conduct inspections)

Monetary reward for using solar panels on a new build

Q6 How would you rate your familiarity with the BC Energy Step Code:

Somewhat familiar

Q7 Have you ever intentionally built to or been part of a project that was built to one of the Steps of the BC Energy Step Code:

No

Q8 If you answered "yes" to question #7, what step was the building constructed to:

Respondent skipped this question

Q9 If you were required to build to one of the Steps in the BC Energy Step code, how much lead time would you require to find an energy advisor, alter construction techniques, source materials etc:

1 Month

Q10 If Courtenay was to require Part 9 Buildings be constructed to Step 3, what do you anticipate to be the biggest challenges or barriers:

Don't really see any big challenges, maybe air tightness will be difficult.

Q11 If Courtenay was to require Part 3 Buildings be constructed to Step 2, what would you anticipate to be the biggest challenges or barriers:

None

Q12 What would the best way for the City of Courtenay to support local construction with the transition to adopting the BC Energy Step Code:

Education opportunities

Q13 Do you have any additional comments or concerns relating to the proposed changes to Courtenay's building bylaw or the adoption of the BC Energy Step Code.

I think I'd just like to give a pat on the back to Trevor and his team of inspectors for doing a great job and being a pleasure to work with so far I

#4

COMPLETE

Collector:

Web Link 1 (Web Link)

Started:

Sunday, December 01, 2019 1:01:06 PM

Last Modified:

Sunday, December 01, 2019 1:05:45 PM

Time Spent: IP Address:

00:04:39

96.54.210.19

Page 1

Q1 Which best describes your role in the Building

industry?

General

Contractor

Q2 Do you primarily construct: (indicate all that apply)

Part 3 residential

buildings

Q3 How would you rate your familiarity with the City's

Building Bylaw:

Somewhat familiar

Q4 Do you feel the current Building Bylaw is conducive to operating a construction company in Courtenay:

Neutral towards construction

Q5 What aspect of the bylaw could be changed for the most benefit and why: (and sorry, permits will not be free and we still will continue to conduct inspections)

Respondent skipped this question

Q6 How would you rate your familiarity with the BC

Energy Step Code:

Somewhat familiar

Q7 Have you ever intentionally built to or been part of a project that was built to one of the Steps of the BC **Energy Step Code:**

No

O8 If you answered "yes" to question #7, what step was the building constructed to:

Not applicable

Q9 If you were required to build to one of the Steps in the BC Energy Step code, how much lead time would you require to find an energy advisor, alter construction techniques, source materials etc:

3 Months

Q10 If Courtenay was to require Part 9 Buildings be constructed to Step 3, what do you anticipate to be the biggest challenges or barriers:

Respondent skipped this question

Q11 If Courtenay was to require Part 3 Buildings be constructed to Step 2, what would you anticipate to be the biggest challenges or barriers:

Respondent skipped this question

Q12 What would the best way for the City of Courtenay to support local construction with the transition to adopting the BC Energy Step Code:

Education opportunities,
Cost
offsets

Q13 Do you have any additional comments or concerns relating to the proposed changes to Courtenay's building bylaw or the adoption of the BC Energy Step Code.

#5

COMPLETE

Collector:

Web Link 1 (Web Link)

Started:

Sunday, December 01, 2019 2:20:19 PM

Last Modified:

Sunday, December 01, 2019 2:34:05 PM

Time Spent:

00:13:45

IP Address:

184.66.116.122

Page 1

Q1 Which best describes your role in the Building

Designer

industry?

Q2 Do you primarily construct: (indicate all that apply)

Part 3 office or retail buildings

Q3 How would you rate your familiarity with the City's

Building Bylaw:

O4 Do you feel the current Building Bylaw is conducive

Neutral towards construction

Familiar (knowledgeable)

to operating a construction company in Courtenay:

Q5 What aspect of the bylaw could be changed for the most benefit and why: (and sorry, permits will not be free and we still will continue to conduct inspections)

No comment.

Q6 How would you rate your familiarity with the BC **Energy Step Code:**

Familiar (knowledgeable)

Q7 Have you ever intentionally built to or been part of a project that was built to one of the Steps of the BC **Energy Step Code:**

Yes

Q8 If you answered "yes" to question #7, what step was the building constructed to:

Step 3

Q9 If you were required to build to one of the Steps in the BC Energy Step code, how much lead time would you require to find an energy advisor, alter construction techniques, source materials etc:

3 Months

Q10 If Courtenay was to require Part 9 Buildings be constructed to Step 3, what do you anticipate to be the biggest challenges or barriers:

Additional cost of construction; delay from consultants doing additional work i.e. reports and testing; increased time to coordinate between consultants.

Q11 If Courtenay was to require Part 3 Buildings be constructed to Step 2, what would you anticipate to be the biggest challenges or barriers:

Additional time and \$\$ costs for consultants and construction; sourcing new products; educating builders on requirements.

Q12 What would the best way for the City of Courtenay to support local construction with the transition to adopting the BC Energy Step Code:

Education opportunities,

Cost

offsets

Rebate program assistance

Q13 Do you have any additional comments or concerns relating to the proposed changes to Courtenay's building bylaw or the adoption of the BC Energy Step Code.

It will be more challenging to design for daylight when the amount of glazing becomes either minimized or very costly. I support the move to increase energy efficiency but I do think it will generate more square boxes with fewer windows, especially for single family residential.

#6

COMPLETE

Collector:

Web Link 1 (Web Link)

Started:

Sunday, December 01, 2019 6:20:37 PM

Last Modified:

Sunday, December 01, 2019 6:24:20 PM

Time Spent:

00:03:43

IP Address:

108.172.114.138

Page 1

Q1 Which best describes your role in the Building

industry?

Developer

Q2 Do you primarily construct: (indicate all that apply)

Part 9 Multi Family

buildings

Q3 How would you rate your familiarity with the City's

Building Bylaw:

Somewhat familiar

Q4 Do you feel the current Building Bylaw is conducive to operating a construction company in Courtenay:

Neutral towards construction

Q5 What aspect of the bylaw could be changed for the most benefit and why: (and sorry, permits will not be free and we still will continue to conduct inspections)

faster response on rezoning requests

Q6 How would you rate your familiarity with the BC Energy Step Code:

Somewhat familiar

Q7 Have you ever intentionally built to or been part of a project that was built to one of the Steps of the BC Energy Step Code:

Yes

Q8 If you answered "yes" to question #7, what step was the building constructed to:

Step 3

Q9 If you were required to build to one of the Steps in the BC Energy Step code, how much lead time would you require to find an energy advisor, alter construction techniques, source materials etc:

Other (please specify): already there

Q10 If Courtenay was to require Part 9 Buildings be constructed to Step 3, what do you anticipate to be the biggest challenges or barriers:

i don't see any barriers

Q11 If Courtenay was to require Part 3 Buildings be constructed to Step 2, what would you anticipate to be the biggest challenges or barriers:

n/a we don't build part 3 building at this point in time.

Q12 What would the best way for the City of Courtenay to support local construction with the transition to adopting the BC Energy Step Code:

Cost offsets

Rebate program assistance

Other (please specify):

a clear line of sight without changing the rules midsubmission

Q13 Do you have any additional comments or concerns relating to the proposed changes to Courtenay's building bylaw or the adoption of the BC Energy Step Code.

I really like the relaxed atmosphere at your drop in. Well done

#7

COMPLETE

Collector:

Web Link 1 (Web Link)

Started:

Monday, December 02, 2019 5:36:11 AM

Last Modified:

Monday, December 02, 2019 5:50:59 AM

Time Spent:

00:14:48

IP Address:

208.114.165.112

Page 1

Q1 Which best describes your role in the Building

industry?

Other (please

specify):

designer - project

manager

Q2 Do you primarily construct: (indicate all that apply)

Part 9 single family/duplex

buildings

Q3 How would you rate your familiarity with the City's

Building Bylaw:

Energy Step Code:

Very Familiar

Q4 Do you feel the current Building Bylaw is conducive to operating a construction company in Courtenay:

Deters construction

Q5 What aspect of the bylaw could be changed for the most benefit and why: (and sorry, permits will not be free and we still will continue to conduct inspections)

The planning process timeline is absurd.

Information that ought be given during the initial review process, is frequently not given till months later. This is particularly from the engineering department. Additionally it seems that the difference in development fees for single family and small multi family (2- 4 units) its encouraging developers to build single family, in an environment which should be encouraging multifamily

Q6 How would you rate your familiarity with the BC Energy Step Code:

Somewhat familiar

Q7 Have you ever intentionally built to or been part of a project that was built to one of the Steps of the BC

Yes

Q8 If you answered "yes" to question #7, what step was the building constructed to:

Step 2

Q9 If you were required to build to one of the Steps in the BC Energy Step code, how much lead time would you require to find an energy advisor, alter construction techniques, source materials etc:

1 Month

Q10 If Courtenay was to require Part 9 Buildings be constructed to Step 3, what do you anticipate to be the biggest challenges or barriers:

Getting the trades up to speed and finding competent installers

Q11 If Courtenay was to require Part 3 Buildings be constructed to Step 2, what would you anticipate to be the biggest challenges or barriers:

Respondent skipped this question

Q12 What would the best way for the City of Courtenay to support local construction with the transition to adopting the BC Energy Step Code:

Other (please specify):

Some of my colleagues have been working with various sources to develop prescritive solutions such that some standard building practices can be in place. No one wants the time or expense of reinventing he wheel and expaining to trades clients and municipalities the validity of every job.

Q13 Do you have any additional comments or concerns relating to the proposed changes to Courtenay's building bylaw or the adoption of the BC Energy Step Code.

Its about time. Please make a decision as to which step you are going to move to so that we can all move forward. This decision is long over due.

#8

COMPLETE

Collector:

Web Link 1 (Web Link)

Started:

Friday, November 29, 2019 6:42:54 PM

Last Modified:

Monday, December 02, 2019 8:53:26 AM

Time Spent: IP Address:

Over a day 96.54.198.230

Page 1

Q1 Which best describes your role in the Building

industry?

General Contractor

Q2 Do you primarily construct: (indicate all that apply)

Part 9 single family/duplex

buildings

Q3 How would you rate your familiarity with the City's

Building Bylaw:

Familiar (knowledgeable)

Q4 Do you feel the current Building Bylaw is conducive to operating a construction company in Courtenay:

Neutral towards construction

Q5 What aspect of the bylaw could be changed for the most benefit and why: (and sorry, permits will not be free and we still will continue to conduct inspections)

Respondent skipped this question

Q6 How would you rate your familiarity with the BC

Energy Step Code:

Somewhat familiar

Q7 Have you ever intentionally built to or been part of a project that was built to one of the Steps of the BC **Energy Step Code:**

No

Q8 If you answered "yes" to question #7, what step was the building constructed to:

Not applicable

Q9 If you were required to build to one of the Steps in the BC Energy Step code, how much lead time would you require to find an energy advisor, alter construction techniques, source materials etc:

Other (please specify):

More than a year. It takes some people years to come up with their house plans. Once home owners have plans they often take months to make a decision as to proceed. By that time they may be operating off a several month old quote. The difficulty will be explaining to home owners why the cost has gone up. One year should be the absolute minimum time required to notify builders of a change in what the overall costs and procedures will be.

Q10 If Courtenay was to require Part 9 Buildings be constructed to Step 3, what do you anticipate to be the biggest challenges or barriers:

Cost. Home Owner Awareness. Explaining how this benefits home owners.

Q11 If Courtenay was to require Part 3 Buildings be constructed to Step 2, what would you anticipate to be the biggest challenges or barriers:

Respondent skipped this question

Q12 What would the best way for the City of Courtenay to support local construction with the transition to adopting the BC Energy Step Code:

Other (please specify):

Tax Incentives to Home Owners. Give home owners who want to build to a higher level a reason to do so by instituting a lower property tax rate for higher step code homes.

Q13 Do you have any additional comments or concerns relating to the proposed changes to Courtenay's building bylaw or the adoption of the BC Energy Step Code.

Incentivizing better building practices would be a better way than forcing change. The step code will increase the difficulty of affordable housing in the Comox Valley. More educating needs to be done towards home owners so they understand how the step code benefits them. There will be a large understanding that the added costs of construction don't lead to large enough long term savings. Trying to convince people that the long term environmental impact is the greater concern will be difficult.

#9

COMPLETE

Collector:

Web Link 1 (Web Link)

Started:

Wednesday, December 04, 2019 7:39:38 AM

Last Modified:

Wednesday, December 04, 2019 8:39:10 AM

Time Spent:

00:59:31

IP Address:

184.66.105.55

Page 1

Q1 Which best describes your role in the Building

industry?

General Contractor

Q2 Do you primarily construct: (indicate all that apply)

Part 3 office or retail

buildings

Part 9 single family/duplex

buildings

Q3 How would you rate your familiarity with the City's

Building Bylaw:

Familiar (knowledgeable)

Q4 Do you feel the current Building Bylaw is conducive to operating a construction company in Courtenay:

Deters construction

Q5 What aspect of the bylaw could be changed for the most benefit and why: (and sorry, permits will not be free and we still will continue to conduct inspections)

Cost of construction has escalated a great deal over the last few years. A portion of this cost has been driven by governments in terms of taxes, assurances, fees ETC. It seems that government wants construction to be affordable on one hand but on the other hand continues to add expensive requirements. Many projects are put on hold or terminated during the planning phases because of these requirements. Some of these project make it to City Hall, but many are terminated before they even reach the doors. The difficulty is that most of the cost isn't directly taken from the government, rather it's mandated by the government. It's the requirements for such things as engineering - and in many cases over engineering. Putting exorbitant cost onto projects for items that may never be required or at the very least are a luxury. Let's take the example of site drainage for a simple, existing and serviced lot in Courtenay. What could be a simplistic design can quickly turn into a large expensive civil project, adding thousands and thousands of dollars to a project. Expensive to design and expensive to construct. Could the same project have included a more simplistic design that got the job done? In lots of cases yes it can. But the difficulty is that the engineering firms - mandated by the government - don't want the liability of under engineering. I think the consensus at the government level is that the additional costs of these systems gets passed to the developer, general contractor, sub-contractor ETC, but the sad reality is that while it of course affects the entire team it also lands squarely on the shoulders of the end consumer as well. The reality is that all businesses involved with development and construction need to make a profit. Without it we don't exist. So in order to survive, cost of these items has to be picked up by the person paying the bill. This is part of the reason that housing cost is at where it is at. Now we add the step code and another layer of cost to be passed onto the end consumer. It's important to note I think building high performance structures is a good thing and I am on board. But I do worry about how much cost will get passed to the end consumer - especially in these early stages while the industry is learning and coming to grips with the new system. My hope is that all levels of government would continually be reviewing all requirements they put forth to ensure that they are achieving what they need to while still considering the person who has to pay for it all.

Q6 How would you rate your familiarity with the BC Energy Step Code:

Familiar (knowledgeable)

Q7 Have you ever intentionally built to or been part of a project that was built to one of the Steps of the BC Energy Step Code:

Yes

Q8 If you answered "yes" to question #7, what step was the building constructed to:

Step 4

Q9 If you were required to build to one of the Steps in the BC Energy Step code, how much lead time would you require to find an energy advisor, alter construction techniques, source materials etc:

3 Months

Q10 If Courtenay was to require Part 9 Buildings be constructed to Step 3, what do you anticipate to be the biggest challenges or barriers:

I am concerned with a municipality that wants to skip steps and say jump from 1 - 3. The process is stepped for a reason - to give industry a time to adapt and ensure that the transition is completed successfully. Taking our time with the steps and ensuring that everyone understands what is required will benefit every level of construction – and that includes the municipalities, building inspectors and end consumers as well. Skipping steps will likely cause industry to overreact. Cost will go up as suppliers, trades, general contractors ETC scramble to determine appropriate processes, procure the correct material ETC, ETC. Ensuring we take our time, understand, have dialogue about each step and what it means will allow everyone to adjust. Cost will increase of course but at a much less dramatic rate and we can make our way through the steps successfully. I must make it clear – I am in favour of the new higher efficiency model. We are a member of Passive House Canada and our crew will complete our Passive House Installer Certification in 2020. But I can see what is happening in industry and I think the slow approach is better for everyone. If you only want to be at Step 2 for a short period, that's fine. But at least take the step. I feel that municipalities that have jumped ahead are not doing the right thing for their communities.

Q11 If Courtenay was to require Part 3 Buildings be constructed to Step 2, what would you anticipate to be the biggest challenges or barriers:

My concern with Part 3 is the additional cost to business. It is already difficult for business to survive in the Canadian environment. Businesses are constantly hammered with red tape, regulations and high taxes at every level. This is especially true of small businesses which in Canada make up as much as 97% of all businesses. Government at all levels continue to rely heavily on these business to keep them afloat, but at the same time offer little assistance. I can tell you from experience it's difficult. So my concern with Part 3 is the additional costs to these businesses. Again, I understand the need for high efficiency and am on board. But in this particular sector, we need to be extremely careful with how much more burden we add on. Too much could be a serious factor to brick and mortar business.

Q12 What would the best way for the City of Courtenay to support local construction with the transition to adopting the BC Energy Step Code:

Education opportunities,

Cost

offsets

Rebate program assistance

Q13 Do you have any additional comments or concerns relating to the proposed changes to Courtenay's building bylaw or the adoption of the BC Energy Step Code.

As mentioned in my comments above I strongly recommend that we take advantage of the stepped process. Lets take each step successfully before we approach the next one. Think of your community and think of who will be paying the bill. Thanks for the opportunity to chime in

#10

COMPLETE

Collector:

Web Link 1 (Web Link)

Started:

Thursday, December 05, 2019 7:28:36 AM

Last Modified: Time Spent:

Thursday, December 05, 2019 7:34:15 AM 00:05:39

IP Address:

70.67.147.83

Page 1

Q1 Which best describes your role in the Building

industry?

General Contractor

Q2 Do you primarily construct: (indicate all that apply)

Part 3 residential

buildings

Part 9 single family/duplex

buildings

Part 9 Multi Family

buildings

Q3 How would you rate your familiarity with the City's

Building Bylaw:

Very Familiar

Q4 Do you feel the current Building Bylaw is conducive

to operating a construction company in Courtenay:

Neutral towards construction

Q5 What aspect of the bylaw could be changed for the most benefit and why: (and sorry, permits will not be free and we still will continue to conduct inspections)

Respondent skipped this question

Q6 How would you rate your familiarity with the BC **Energy Step Code:**

Familiar (knowledgeable)

Q7 Have you ever intentionally built to or been part of a project that was built to one of the Steps of the BC **Energy Step Code:**

Yes

Q8 If you answered "yes" to question #7, what step was the building constructed to:

Step 2

Q9 If you were required to build to one of the Steps in the BC Energy Step code, how much lead time would you require to find an energy advisor, alter construction techniques, source materials etc:

6 Months

Q10 If Courtenay was to require Part 9 Buildings be constructed to Step 3, what do you anticipate to be the biggest challenges or barriers:

Time to educate properly and implement techniques.

Q11 If Courtenay was to require Part 3 Buildings be constructed to Step 2, what would you anticipate to be the biggest challenges or barriers:

Respondent skipped this question

Q12 What would the best way for the City of Courtenay to support local construction with the transition to adopting the BC Energy Step Code:

Education opportunities,

Other (please specify):

City employees fully knowledgable and empowered to help everyone with the process.

Q13 Do you have any additional comments or concerns relating to the proposed changes to Courtenay's building bylaw or the adoption of the BC Energy Step Code.

We think the Step Code is a great change to our building process. We would want to be well informed and given proper notice of when it will come into effect so we can train our employees and ensure we are knowledgable for our customers through this process.