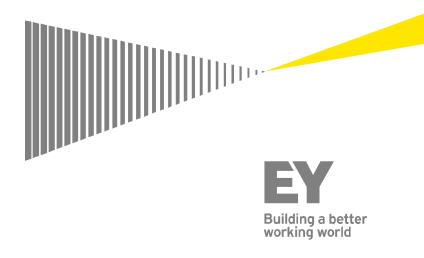
PRIVILEDGED AND CONFIDENTIAL

### **City of Vancouver: Brenhill Land swap**

Preliminary findings report reviewing the process and economics of the land swap transaction

Draft for discussion purposes only

24 March 2015



### Limitations

This is a preliminary report that represents the data and findings to date.

Nothing has come to the attention of EY that suggest the findings drafted herein are not representative of the data that will be included in our final report.

The data and findings are limited to the information and people available at the date of this report. Note that there was no representative from 127 Society available.

# Executive Summary **Findings**

EY conducted a two phased review of the City of Vancouver ("**COV**") and Brenhill Developments Limited ("**Brenhill**") land swap transaction. The following conclusions are based on document reviews, interviews and economic analysis:

Did the COV follow due process?

Procedural aspects of the decision making process pertaining to the land swap transaction appear reasonable and supported and within the authority of municipal officers undertaking same

### Executive Summary Findings (cont'd)

Are the transaction economics supportable?

- Value attributable to City Lands (defined hereafter) reasonably comparable to the 2015 BC Assessment value (subject to appeal) and before consideration of the incremental value attributes aligned with the transaction, including COV policy considerations
  - A number of added value benefits were negotiated that support the COV's vision, including the Housing and Homelessness Strategy 2012-2021
- Value attributable to the Brenhill Lands (defined hereafter) by the COV exceeds the market value of the lands as at the date of the transaction; however mitigating factors exist that substantially mitigate this value differential.
- While there has been a marked improvement in the underlying value of the City Lands between 2012 and 2015 (estimated by EY at \$12 million); the monetization of this value would remain subject to a surrender of lease by 127 Society (defined hereafter) (which leased runs through 2046) and is therefore not subject to near term monetization.

## Executive Summary Recommendations

- Improvement opportunities within the City's decision making, assessment and approval processes should be pursued to promote reliability, transparency and accountability:
  - Documented chain of command for initiating, negotiating, evaluating and delivering land transactions
  - Maintain sufficient documentation within the COV records, including third party resource materials supporting the evaluation and decision process
  - Maintain a permanent file record containing final transaction documentation, which should include, *inter alia:* 
    - final proforma analysis supporting all variables of the land transaction (signed / initialed / dated) by those involved in the transaction;
    - 2. final supporting documents for major assumptions associated with land transactions; and
    - 3. finalized approval document i.e. overriding recommendations to Council executed by Director of Real Estate Services and others in the documented chain of command.

# Executive Summary **Key timeline**

| Late 2011           | Brenhill approaches COV with a land exchange proposal   |
|---------------------|---|
| Oct 31, 2012        | Council meeting approves Brenhill land exchange proposal  |
| Feb 8, 2013         | Brenhill applies to rezone City land at 508 Helmcken  |
| Mar 13, 2013        | Community Open House held on 508 Helmcken re-zoning   |
| Jul 16 and 23, 2013 | Public Hearing held for 508 Helmcken re-zoning application  |
| Aug 12, 2013        | Development Permit Board approves 1099 Richards development permit with increased 7.04 FSR subject to conditions                                  |
| Feb 4, 2014         | Council enacts by-law 10865 amending Downtown Official Development Plan   |
| Mar 11, 2014        | Council enacts by-law 10870 rezoning 508 Helmcken   |
| May 6, 2014         | CANY files petition before the Court  |
| May 28, 2014        | City issues Development Permit DE 416775 to Brenhill for 1099 Richards  |
| Jan 27, 2015        | B.C. Supreme Court finds public hearing process was inadequate, quashed rezoning by-laws 10865 & 10870 and cancelled development permit DE 416775 |
| Mar 06, 2015        | COV and the Development Permit Board appeal Jan 27, 2015 decision   |
| Mar 11, 2015        | New rezoning sign installed   |

# Executive Summary **Sites**

|                   | City (Helmcken)  | Brenhill (Richards)   | Social (Future)          |
|-------------------|--|---|--------------------------|
| Proposal          | Brenhill to develop on<br>Brenhill acquired City<br>Lands  | Brenhill to develop on City acquired Brenhill Lands   |                          |
| Land area<br>(sf) | 15,000 (land)<br>5,945 (lane)  | 12,000  | GBA: 91,764<br>13 floors |
| FSR               | 5 (incl. lane 3)   | 3   | 7.6                      |
| Commentary        | <ul> <li>110 secured market<br/>rental units</li> <li>338 market strata<br/>units</li> <li>Private pre-school /<br/>kindergarten</li> <li>Retail</li> <li>Subject to: <ul> <li>127 Society<br/>assume control</li> <li>Residents <i>in situ</i></li> <li>Structure to<br/>satisfaction of<br/>COV</li> </ul> </li> </ul> | Subject to density<br>restrictions based on<br>adjacent development<br>among neighbouring<br>properties and limited<br>corner to corner<br>frontage |                          |

# Executive Summary Economic highlights

#### Consideration to COV

|             | \$millions |
|-------------|------------|
| Land value  | 15.0       |
| CAC         | 25.0       |
| Grand Total | 40.0       |

#### Consideration from Brenhill

|                                   | \$millions |
|-----------------------------------|------------|
| Land consideration                | 8.4        |
| Social housing facility – in kind | 30.6       |
| AHF contribution – cash           | 1.0        |
| Grand Total                       | 40.0       |

#### COV contribution to the social housing facility

|  | \$millions |
|--|------------|
| 508 Helmcken Street land value             | 15.0       |
| 1099 Richards Street land value            | 8.4        |
| City Proceeds                              | 6.6        |
|  |            |
| In-kind payment from Brenhill representing | 6.6        |
| City proceeds of land exchange             |            |
| CAC for 508 Helmcken Street                | 24.0       |
| Value of Social Housing 1099 Richards      | 30.6       |
|  |            |

#### Value of land divested by City

|                        | Actual | BC Assess     |
|------------------------|--------|---------------|
|                        | \$mil  | 2015<br>lions |
| Land                   | 15.0   |               |
| Cost escalation (1)    | 7.2    |               |
| Residual land lift (2) | 35.2   |               |
|                        | 57.4   | 59.4          |
| Less:                  |        |               |
| Lift foregone (3)      | (8.8)  |               |
| Cost escalate          | (7.2)  |               |
|                        | (16.0) |               |
| Net attributable       | 41.1   |               |
| Rounded                | 40.0   |               |

1 Netted out of pro-forma in calculation of residual land lift; must be added back to assess 2012 estimate of value

2 Based on pro-forma calculation of residual land value 3 Represents 25% of land lift value (75% of land lift value accrues to benefit of COV)

# Executive Summary Economic highlights

| Benefit to COV  | <b>+</b><br>(\$M) | _<br>(\$M) | Observation  |
|---|-------------------|------------|--|
| Brenhill land purchase                                  |                   | - 2.5      | The value of the Brenhill Land estimated at \$5.9M, which is \$2.5M lower than the COV valuation of \$8.4M   |
| Residual Land Value                                     |                   | - 5.3      | Estimated average selling price in 2014 approximated \$760 psf as opposed to \$730 psf estimated by COV in 2012  |
| Housing costs (Altus<br>Group peer review)              | + 4.2             |            | A hard cost peer review by the Altus Group (October 2014) estimated social housing facility construction costs will exceed Brenhill estimated by \$4.2M, costs fully borne by Brenhill |
| Brenhill 3 <sup>rd</sup> party offer (opportunity cost) | + 1.6             |            | Brenhill opportunity cost for bona fide unsolicited third party offer (April 2012) for Brenhill Lands at \$10M   |
| Total   | + 5.8             | - 7.8      |  |
| Net   |                   | - 2.0      | Other value drivers (both quantitative and qualitative) mitigate economic shortfall  |

## Executive Summary Other economic considerations

| <ul> <li>Net economic shortfall to COV (\$M)</li> </ul>  | - 2.0   |
|--|---------|
| Other economic value drivers (\$M):  |         |
| BC Social Housing maintenance and rehabilitation cost deferment <sup>(1)</sup>                             | 2.0     |
| Early monetization of land value – based on NPV of COV portfolio returns                                   | 13.8    |
| Brenhill opportunity cost resulting from development of 110 secured market rent<br>units vs. market strata | tal 2.1 |
| <ul> <li>Development Cost Levy (DCL) collected from new tower development</li> </ul>                       | 6.4     |
| Public Art Policy for Re-zoning Development  | 0.7     |
| <ul> <li>Economic gains associated with social housing units</li> </ul>                                    | N/A     |
| Risk transference to Brenhill (timing, financial, development) <sup>(2)</sup>                              | 1.8     |

(1) BCH advised EY that maintenance and rehabilitation costs on the Jubilee House would approximately be \$2M absent a transaction.

(2) BTY estimated (October 2014) that total development cost of the 162 social housing units would exceed budget by approximately 6 millions; whereas, Altus estimated that hard cost overruns on behalf of COV at \$4.2m

### Contents

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- 2. Background
- 3. Approach and analysis
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  - Phase 1: Procedural review
  - Phase 2: Transactional economics review
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    - Supporting Analytics Non Supported Assumptions
    - New Social Housing Facility
    - Direct Transaction Mitigation Factors
    - Added Value Benefits
    - > 2015 Market Economics Comparison
- 4. Conclusions and recommendations

### **1. Engagement Scope**



### 1. Engagement Scope

- Phase 1: Procedural Review
  - Review COV materials and comment on reasonableness of the decision making process pertaining to the Transaction followed by the COV
- Phase 2: Transaction Economics Review
  - Assessment of value arising from the Transaction in favour of each of the COV and Brenhill
  - Comment on 2015 land development economies, generally
- Subject to change
  - Potential for change of scope based on consultation with the COV and professional judgment

### 2. Background



# 2. Background **Key parties to the transaction**

| Party | Role   | Key Transaction Goal  |
|-------|--|---|
| COV   | Municipal government<br>and owner of City<br>Lands | <ul> <li>Receive fair value for City Lands and pay fair value for Brenhill Lands</li> <li>Unlock, to extent possible, value of social housing lease via a new prepaid 60 year lease (contingent on mortgage financing by BCH)</li> <li>Unlock the value of the City Lands prior to the expiry of the 127 Society lease in 2046</li> <li>Progress COV's Housing and Homelessness Strategy 2012-2021</li> <li>Shift entirety of risk (Financial, development and timing) to developer</li> <li>Increase property tax base</li> <li>Leave Council discretion unfettered</li> </ul> |

# 2. Background **Key parties to the transaction**

| Party  | Role   | Key Transaction Goal   |
|--|--|--|
| 127 Society for<br>Housing<br>(" <b>127 Society</b> ") | Social housing<br>operator and<br>incumbent tenant of<br>Jubilee House | <ul> <li>Increase number of units</li> <li>Reduce liabilities and increase efficiencies</li> <li>Enhance living experience for residents</li> </ul>  |
| BC Housing<br>(" <b>BCH</b> ")                         | Provincial Government<br>agency  | <ul> <li>Meet the housing requirements of those in need</li> <li>Reduce liabilities and increase efficiencies on social housing operating costs</li> <li>Enhance CMHC mortgage security</li> <li>Mitigate maintenance and rehabilitation costs associated with existing social housing facility</li> </ul> |
| Brenhill   | Developer and owner<br>of 1099 Richards<br>Street                      | <ul> <li>Obtain land with greater density opportunity</li> <li>Maximise return (Brenhill Lands) and future development</li> </ul>  |

### 2. Background Other interested parties and third parties

| Interested party   | Activity   |
|--|--|
| Community Association of New Yaletown (" <b>CANY</b> ")    | <ul> <li>Filed petition (May 6, 2014) before the Court challenging the process, including as related to disclosure of information by COV to the public. Preliminary issues:</li> <li>Density</li> <li>Social housing</li> <li>Green space</li> </ul> |
| B.C. Supreme Court   | Finds public hearing process was inadequate, quashed rezoning By-<br>laws 10865 and 10870 and cancelled the development permit DE<br>416775 for the new social housing facility  |
| Third party resource                                       | Role   |
| Altus Group  | Social housing facility construction hard cost peer review   |
| BTY  | <ul> <li>Cost escalation analysis</li> </ul>   |
| Burgess Cawley Sullivan & Associates LTD (" <b>BCSA</b> ") | <ul> <li>Assessment and validation of sale price and transaction economic<br/>assumptions</li> </ul>   |
| Rennie Marketing Systems                                   | <ul> <li>Estimation and validation of selling price (CAC proforma)</li> </ul>  |

# 2. Background **Context**

- Land swap transaction
  - Commencing in late 2011, COV and Brenhill negotiated a land swap transaction. Business term sheet was entered into November 16, 2012
- Land swap involved lands bearing civic addresses
  - 508 Helmcken Street plus lane ("City Lands")
  - 1099 Richards Street ("Brenhill Lands")
- CANY
  - On May 6, 2014, subsequent to the commencement of construction of the social housing facility, CANY brought action, by way of petition, before the Court challenging the process on a number of grounds, including as related to disclosure of information by City to the Public
  - January 27, 2015, Court finds public hearing process was inadequate, quashed rezoning of Brenhill's proposed tower, quashing by-laws 10865 and 10870 and cancelled the development permit (DE 416775) for the new social housing facility

# 2. Background **Sites**

- Brenhill to develop on COV acquired Brenhill Lands:
  - Currently 1099 Richards Street
- 162 unit social housing facility, estimated construction cost of \$30.6M
- GBA 91,764 sf (13 floors), FSR 7.6, Lease 60 years (prepaid)
- Construction of facility to be completed prior to the commencement of the market tower:
  - Pursuant to operating agreement, 127 Society assumed control
  - Residents in situ
  - Structure to satisfaction of COV

| Brenhill to develop on Brenhill acquired City Lands: | Land Size:<br>Existing parcels<br>Lane Site Area | SF<br>SF | 15,000<br>5,945 |
|--|--|----------|-----------------|
|  | Total Site Area                                  | SF       | 20,945          |
| Currently 508 Helmcken Street:                       | Mixed Use Tower Rezoned FSR                      | FSR      | 17.19           |
| Jubilee House and adjacent Lane                      | Gross Building Area                              | SF       | 360,045         |
| JUDITEE MOUSE and adjacent Lane                      | Including:                                       |          |                 |
|  | - 110 secured market rental units                | SF       | 63,512          |
|  | - 338 market strata units                        | SF       | 237,087         |
|  | - Circulation                                    | SF       | 52,688          |
|  | - Private pre-school / kindergarten              | SF       | 5,566           |
|  | - Retail   | SF       | 1,192           |
|  | Total Gross Building Area                        | SF       | 360,045         |

# 2. Background Actual timeline

| Late 2011           | Brenhill approaches COV with a land exchange proposal   |  |  |  |
|---------------------|---|--|--|--|
| Apr 19, 2012        | Bona fide offer to purchase Richards Street for \$10M   |  |  |  |
| Oct 22, 2012        | In-camera Council meeting authorizing Conditional Lease Surrender (COV,<br>Brenhill, 127); exclusive negotiations to be entered into with Brenhill; conditional<br>land swap negotiations to commence; legal agreements to be entered into<br>subject to final Council approval, re-zoning within a twelve month period |  |  |  |
| Oct 31, 2012        | Council meeting approves Brenhill land exchange proposal  |  |  |  |
| Nov 16, 2012        | COV, Brenhill and 127 Society Business term sheet entered into  |  |  |  |
| Jan 31, 2013        | COV and 127 Society and Brenhill enter Conditional Lease Surrender  |  |  |  |
| Feb 8, 2013         | Brenhill applies to rezone City land at 508 Helmcken  |  |  |  |
| Feb 26, 2013        | Rezoning information sign installed on 508 Helmcken site and notification and application information, as well as an online comment form, was provided on the City of Vancouver Rezoning Centre webpage ( <u>vancouver.ca/rezapps</u> )   |  |  |  |
| Mar 13, 2013        | Community Open House held on 508 Helmcken re-zoning   |  |  |  |
| Apr 23, 2013        | Revised re-zoning application submitted, website updated, and 107 notices sent  |  |  |  |
| Jul 16 and 23, 2013 | Public Hearing held for 508 Helmcken re-zoning application  |  |  |  |

# 2. Background Actual timeline continued

| Aug 12, 2013 | Development Permit Board approves 1099 Richards development permit with increased 7.04 FSR subject to conditions  |  |  |
|--------------|---|--|--|
| Feb 4, 2014  | Council enacts by-law 10865 amending Downtown Official Development Plan   |  |  |
| Mar 11, 2014 | Council enacts by-law 10870 rezoning 508 Helmcken   |  |  |
| May 6, 2014  | CANY files petition before the Court  |  |  |
| May 28, 2014 | City issues Development Permit DE 416775 to Brenhill for 1099 Richards  |  |  |
| Jan 27, 2015 | B.C. Supreme Court finds public hearing process was inadequate, quashed rezoning By-laws 10865 and 10870 and cancelled the development permit DE 416775 for the new social housing facility   |  |  |
| Mar 06, 2015 | COV and the Development Permit Board appeal Jan 27, 2015 decision   |  |  |
| Mar 11, 2015 | New rezoning sign installed. Notification and application information, an online comment form, and links to additional information regarding the land exchange was provided on the City of Vancouver Rezoning Centre webpage (vancouver.ca/rezapps) |  |  |

### 2. Background Targeted construction timeline as at 2012<sup>1</sup>

| Jan 2014        | Social housing site preparation, first building at 1099 Richards demolished |  |  |
|-----------------|---|--|--|
| Aug 2014        | Disclosure statements and sales centre (off-site) complete                  |  |  |
| Aug to Oct 2014 | Commence pre-sale program for sale of strata market units                   |  |  |
| May 2015        | Submit development permit application                                       |  |  |
| Nov 2015        | Development Permit Approval   |  |  |
| Dec 2015        | Date for delivery of social housing to 127 Society and COV                  |  |  |
| Jan 2016        | Demolition Jubilee House (existing 87 units)                                |  |  |
| May 2016        | Commence construction   |  |  |
| Jan 2019        | First occupation for residents  |  |  |

1. As estimated at inception date of agreement between COV and Brenhill

### 3. Approach and Analysis



## 3. Approach and Analysis **Objectives and Scope**



## 3. Approach and Analysis: Objectives and Scope **Objectives**

- Phase 1: Procedural review
  - Comment on the reasonableness of the decision making process pertaining to the land swap transaction, including the procedural authority under which such transaction was negotiated and consummated
- Phase 2: Transaction economics review
  - Comment on the reasonableness of the consideration received by and given by COV in respect of the land swap transaction, include both quantitative and qualitative assessments of the providence of the transaction
  - Comment on 2015 land development economics, generally

# 3. Approach and Analysis: Objectives and Scope **Scope**

- Interviews
  - ► COV:
    - Penny Ballem, Bill Aujla, Jean Billings, Michael Chin, Francie Connell, Danica Djurkovic, Jerry Evans, Randy Pecarski and Ping Ting
  - BCH:
    - Michael Flanigan
  - Brenhill:
    - Brent Kerr and Max Kerr
  - ► 127 Society:
    - No representative from 127 Society attached to this file and subsequently no interview conducted

# 3. Approach and Analysis: Objectives and Scope **Scope**

- Review of documents:
  - COV sourced:
    - Real estate and facility services files; Contracts; 127 Society Lease; Proformas; Council reports, including in-camera; Filed Factum for Court appeal; 2012 Offer to Purchase; External appraisal reports, Altus peer report (October 2014)
    - COV by-laws and other governing documents, e.g. policies, pertaining to process
  - BCH:
    - BC Housing assessment of value
    - Social Housing appraisal information
  - Externally sourced:
    - Third party land economics review and appraisal
    - Rennie Marketing Systems
    - BTY Economic Analysis 2011
    - MLS data and other real estate reference materials
    - BCSA produced documents and analysis

## 3. Approach and Analysis Phase 1: Procedural Review

Did the City follow due process?



#### **Expertise**

Finding:

Substantial expertise within COV to review and assess the adequacy of the transaction assumptions including validation through independent third party advice

Approach: Interviewed key staff; reviewed decision making processes

#### **Documentation**

#### Finding:

Materials prepared in relation to the Transaction by COV (Department of Real Estate and Facilities ("DREF")) did rely upon third party evidence and internal expertise

Approach: Assessed whether decisions were based on these materials

#### Finding:

Council reports and recommendations do reflect final DREF working papers, and supporting materials

**Approach:** Reviewed and compared Council reports and supporting documents against DREF working papers and materials

#### Finding:

Council reports and materials are consistent with the DREF materials

**Approach**: Compared content of Council reports and supporting documents against DREF working papers and materials

#### **Procedural**

Finding:

No evidence to suggest that the transaction negotiations and consummation were inconsistent with nor did not abide to Council's directions and approved motions

**Approach**: Reviewed Council decisions and directions; assessed consistency with transaction negotiations

#### Finding:

By-laws enacted and no evidence that Vancouver Charter was not followed

**Approach**: Reviewed pertinent by-laws; Vancouver City Charter and policies; Mapped against COV and Council decision making timeline

#### **Procedural (cont'd)**

#### Finding:

 Conclude that COV processes were consistent with by-law 9756; Adequacy of disclosure a question of law and before the Court (beyond the scope of this review)

**Approach:** Reviewed Procedure by-law 9756 section 18.7: Assessed posting of notices, time periods, materials on website of COV, public hearings before Council, resolutions of Council approving rezoning and development permits

#### **Finding**:

Sole source transaction was appropriate and within COV policy; Acknowledge Transaction is a unique opportunity as lands adjacent

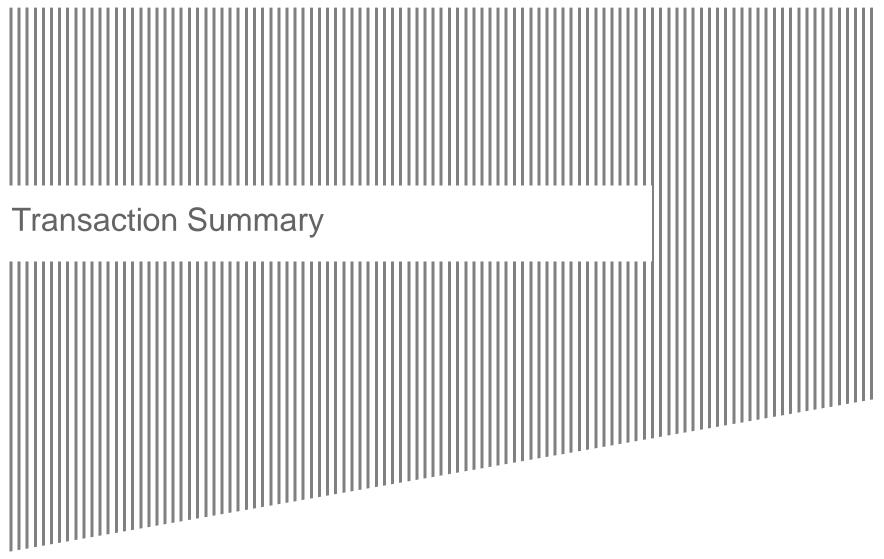
Approach: Vancouver Charter section 190(b) and COV policy review

### 3. Approach and Analysis Phase 2: Transactional Economics Review

Are the Transaction economics supportable?



# 3. Approach and Analysis Phase 2: Transactional Economics Review



### 3. Approach and Analysis: Phase 2 - Transactional Economics Review **Context**

The landscape for negotiations was motivated by direct economic outcomes and broader COV policy. Notable is the COV's gap in meeting the Housing and Homelessness Strategy 2012-2021, before the inclusion of the land swap transaction:

| City Housing and<br>Homelessness Strategy<br>(2011) targets as at<br>May 6, 2013 | Targets             |                      | Current Projects                         | Gap          |
|--|---------------------|----------------------|--|--------------|
|  | Long Term<br>(2021) | Short Term<br>(2014) | Proposed, In<br>Progress or<br>Completed | 2014 Targets |
| Supportive Housing units   | 2,900               | 2,150                | 1,844                                    | 306          |
| All other non-market housing units   | 5,000               | 1,500                | 1,377                                    | 123          |
| Total non-market housing units   | 7,900               | 3,650                | 3,221                                    | 429          |

# 3. Approach and Analysis: Phase 2 - Transactional Economics Review **Preliminary findings**

Are the transaction economics supportable?

- Financially reasonable:
  - Value of City Lands, including lift value, reasonably comparable to the 2015 BC Assessment Value (which remains subject to appeal) considering COV estimates made in 2012;
  - Opportunity to unlock potential value of City Lands located through the surrender of the long term lease by 127 Society (31 years earlier than possible absent the land transaction);
  - Permits COV to offset financing costs related to the 162 unit purpose built social housing facility, through the Brenhill voluntary \$1M AHF cash contribution;
  - Value of Brenhill Lands exceeds EY's estimate of market value as at the date of the transaction (November 2012); however, differential fully mitigated by other value attributes.

# 3. Approach and Analysis: Phase 2 - Transactional Economics Review **Preliminary findings (cont'd)**

- Meets COV's strategic policy:
  - 272 affordable housing units, positively contributing to the Housing and Homelessness Strategy 2012 2021 approved by Council on July 29, 2011;
- Risk transferred:
  - Fransfer of substantially all development, financing and timing risk to Brenhill; and
- Value added benefits:
  - An achievement of substantial value added benefits to the City (quantitatively and qualitatively) in the context of the overall transaction.

### 3. Approach and Analysis: Phase 2 - Transactional Economics Review **Overall economics**

Consideration to COV

|             | \$M  |
|-------------|------|
| Land value  | 15.0 |
| CAC         | 25.0 |
| Grand Total | 40.0 |

#### Consideration from Brenhill

|                                   | \$M  |
|-----------------------------------|------|
| Land consideration                | 8.4  |
| Social housing facility - in kind | 30.6 |
| AHF contribution - cash           | 1.0  |
| Grand Total                       | 40.0 |

#### COV contribution to the social housing facility

|  | \$M  |
|--|------|
| 508 Helmcken Street land value             | 15.0 |
| 1099 Richards Street land value            | 8.4  |
| City Proceeds                              | 6.6  |
|  |      |
| In-kind payment from Brenhill representing |      |
| City proceeds of land exchange             | 6.6  |
| CAC for City Lands                         | 24.0 |
| Value of Social Housing 1099 Richards      | 30.6 |

#### Value of land divested by City

|                        | Actual | BC Assess<br>2015 |
|------------------------|--------|-------------------|
|                        | \$m    | illions           |
| Land                   | 15.0   |                   |
| Cost escalation (1)    | 7.2    |                   |
| Residual land lift (2) | 35.2   |                   |
|                        | 57.4   | 59.4              |
| Less:                  |        |                   |
| Lift foregone (3)      | (8.8)  |                   |
| Cost escalate          | (7.2)  |                   |
|                        | (16.0) |                   |
| Net attributable       | 41.1   |                   |
| Rounded                | 40.0   |                   |

1 Netted out of pro-forma in calculation of residual land lift; must be added back to assess 2012 estimate of value

2 Based on pro-forma calculation of residual land value 3 Represents 25% of land lift value (75% of land lift value accrues to benefit of COV)

### 3. Approach and Analysis: Phase 2 - Transactional Economics Review Lands overview

|  | City (Helmcken)   | Brenhill (Richards)  | Social (Future)   |
|--|---|--|---|
| Land area (sf)   | 15,000 (land)<br>5,945 (lane)   | 12,000   | GBA: 91,764<br>(13 floors)  |
| FSR  | 5 (incl. lane 3)  | 3  | 7.6   |
| Commentary   | <ul> <li>Subject to:</li> <li>127 Society<br/>assume control</li> <li>Residents <i>in situ</i></li> <li>Structure to<br/>satisfaction of COV</li> </ul> | Subject to density<br>restrictions based on<br>adjacent development<br>among neighbouring<br>properties and limited<br>corner to corner frontage | <ul> <li>162 unit social housing facility</li> <li>87 shelter rate units replacing existing</li> <li>75 low end market rate units</li> <li>Prepaid 60 year lease</li> </ul> |
| BC Assessment  | 2012 - \$8.491M<br>2013 - \$9.409M<br>2014 - \$9.409M<br>2015 - \$59.431M<br>(subject to appeal)  | 2012 - \$6.609M (only<br>land, or \$6,942M incl. the<br>improvement on 2 lots)<br>2013 - \$7.675M<br>2014 - \$7.5051M<br>2015 - \$12.1M          | N/A   |
| COV Real Estate<br>Services valuation<br>(in-camera Council<br>meeting Oct 22, 2012) | \$15M (includes \$300k allocation for lane)   | \$8.4M   |   |

# 3. Approach and Analysis: Phase 2 - Transactional Economics Review **Summary of variance and mitigation factors**

EY identified certain variances in Brenhill Land purchase and City Land residual land calculation totalling \$7.8M:

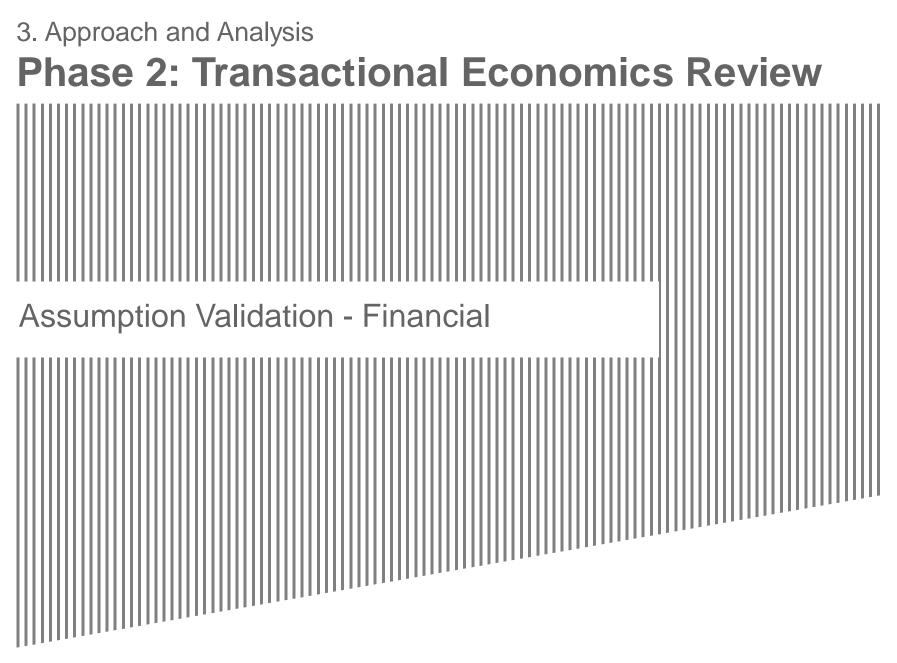
| \$millions              | COV   | EY    | Diff.                     |
|-------------------------|-------|-------|---------------------------|
| Brenhill Land Purchase  | 8.4   | 5.9   | (2.5) Refer to Slide # 52 |
| Residual Land Value (1) | 129.8 | 135.1 | (5.3) Refer to Slide # 53 |
| Total variance          |       |       | (7.8)                     |

These variances are partially offset by certain direct mitigation factors (before consideration of other intrinsic benefits), totalling \$5.8M:

|   | \$M                    |
|---|------------------------|
| Brenhill Offer opportunity (Opp. Cost)  | 1.6                    |
| Housing costs (Altus Group peer review) | 4.2                    |
| Total mitigation factors                | 5.8 Refer to Slide # 5 |

Other value drivers (both quantitative and qualitative) fully mitigate the net economic shortfall to the COV of \$2.0M

<sup>(1)</sup> Represents 75% of the estimated gross value of market rental strata revenue.



# 3. Approach and Analysis: Phase 2 - Transactional Economics Review **Financial assumptions supported - Lands**

#### Financial assumptions supported – City Lands

#### Finding:

- City Lands valuation fair and reasonable
  - \$200 psf supported by market transactions based on size (75,000 sf) at FSR 5 (exclusive of lane)

**Approach**: Market study of 2011 to 2013 land transaction comparables in the neighbourhood

# 3. Approach and Analysis: Phase 2 - Transactional Economics Review **Financial assumptions not supported - Lands**

#### Financial assumptions not supported – Brenhill Lands

#### Finding:

- EY estimates Brenhill Lands valuation at \$5.9M (\$165 psf); lower than COV valuation of \$8.4M (\$233 psf) based on size (36,000 sf) at FSR 3; difference of \$2.5M
  - Fair value estimated between \$160 and \$170 psf, with average of \$165 psf.
  - Limited opportunity to develop lands for market purpose use as a result of: (i) existing density on adjacent developments on city block; and (ii) size of land as permitted density with rezoning is capped at FSR 3.0 unless for social housing purpose
  - Land accumulation with adjacent lane way could impact FSR; however, beyond scope of review
  - COV was aware of competing offer for Brenhill Lands from bona fide purchaser on unsolicited basis at \$10M, resulting opportunity cost to Brenhill of \$1.6M from land transaction (considering only Brenhill Lands)

Approach: Market study of land transaction comparables in the neighbourhood

# 3. Approach and Analysis: Phase 2 - Transactional Economics Review **Financial assumptions supported - CAC**

Financial assumptions supported – Community Amenity Contribution (CAC)

Finding:

Residual land lift value attributable to COV (CAC of 75%) consistent with other rezoning and development projects

Approach: Comparison with other development and rezoning projects

Finding:

 Cost escalation allowance of 8% of hard costs supported by 2011 third party report prepared by BTY (2%+3%+3% over 3 years) and MLS and deemed reasonable
 Approach: Analysis of third party report

Finding:

Capitalization rates used for operating income assets (including CRU units allocated to school and retail) at 4.25% consistent with expectations

Approach: Third party validated and consistent with land calculations

# 3. Approach and Analysis: Phase 2 - Transactional Economics Review **Financial assumptions supported - CAC**

Financial assumptions supported – Community Amenity Contribution (CAC) (cont'd)

#### Finding:

- The following were all found to be reasonable, with the exception of the selling price of the strata units as discussed below:
  - Efficiency rate, Construction costs, soft costs, finance allowance, contingency allowance, market rents, market rental operating expenses, and other allowances are all deemed reasonable

**Approach**: Third party validated and consistent with COV treatment for other CAC calculations

|  | Strata | Rental | Schoo  |
|--|--------|--------|--------|
| Efficiency rate %                          | 84.60% | 84.60% | 84.60% |
| Strata Units Price \$ / SF                 | 730.00 | -      |        |
| Market rental \$ / month / SF              | -      | 2.45   | 1.67   |
| Cap rate                                   | -      | 4.50%  | 6.25%  |
| Construction costs                         | 236.00 | 225.00 | 240.00 |
| Vacancy (% Revenue)                        | -      | 3.00%  | 0.00%  |
| Operating costs (% Revenue)                | -      | 28.50% |        |
| Market escalation                          | 8.00%  | 8.00%  | 8.00%  |
| Soft (% Hard Cost)                         | 25.00% | 25.00% | 25.00% |
| Financing (% Hard Cost, Soft)              | 10.00% | 10.00% | 10.00% |
| Contingency (% Hard Cost, Soft, Financing) | 5.00%  | 5.00%  | 5.00%  |
| Development Profit (% Total Cost)          | 15.00% | 15.00% | 15.00% |

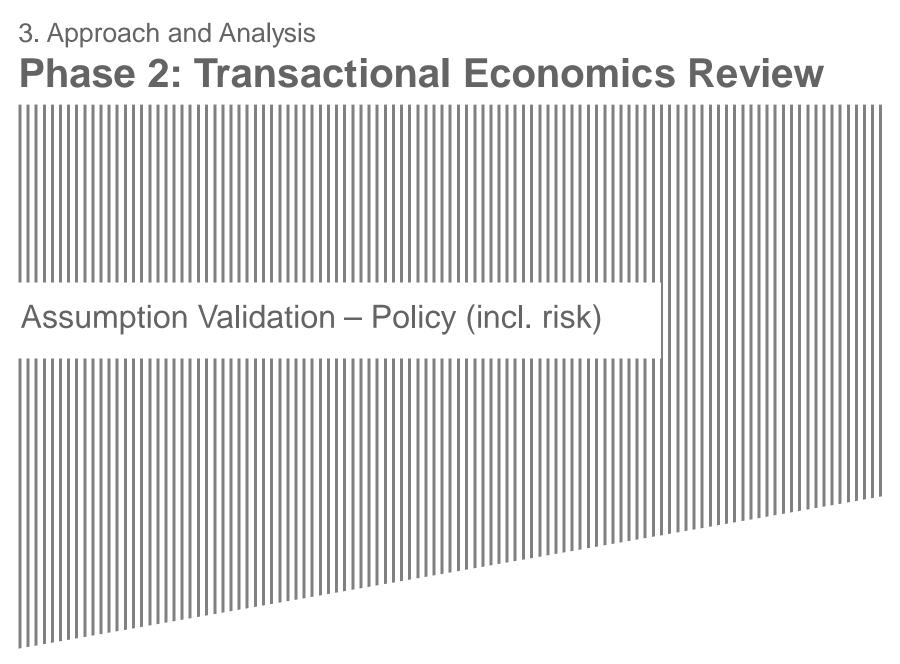
# 3. Approach and Analysis: Phase 2 - Transactional Economics Review **Financial Assumptions not supported - CAC**

Financial Assumptions not supported – Community Amenity Contribution (CAC)

Finding:

- Reasonable expectation of higher selling price (\$760 psf) compared to the pre-sale market (Aug to Oct 2014) estimated selling price by COV (\$730 psf in 2012), equates to value difference attributable to the COV of \$5.3M.
  - The average selling price per SF in 2014 (escalation based on MLS Housing Price Index) on 2012 base of \$730 psf is \$760 psf.
  - For consistency purposes with hard costs it is a fair assumption to escalate selling price from 2012 base price (\$730 psf) consistent with BTY cost estimates for 2013 and 2014 of 2% and 3% respectively, resulting in a 2014 selling price of \$768 psf.

Approach: Comparison with other downtown residential sales



## 3. Approach and Analysis: Phase 2 - Transactional Economics Review **Policy assumptions supported**

#### **Policy assumptions supported**

Finding:

- Contribute to COV's Housing and Homelessness Strategy 2012-2021 targets through:
  - 110 additional market rental units, secured by 60 year covenant. Note the longer of 60 years and life of building
  - > 75 additional social housing units and replacement of 87 ageing social housing units

Approach: Document review

Finding:

- Residual land lift value contribution to the benefit of the public (75%) consistent with other rezoning and development projects. CAC value is used to fund construction of non-market social housing units, consistent with purpose and policy. COV receiving less than 100% of land lift:
  - Creates incentive for developer to develop in municipality
  - Recognizes costs of development that may not be accounted for in pro-forma
  - The land swap transaction represents a complex transaction requiring substantial nontraditional legal work
  - Inducements to 127 Society (to surrender lease), including cost of relocating residents and fixturing estimated at between \$750,000 and \$1M

Approach: Third party validated and consistent with policy and process

# 3. Approach and Analysis: Phase 2 - Transactional Economics Review **Policy assumptions supported**

#### Policy assumptions supported (cont'd)

#### Findings:

- Land lease with 127 Society through 2046 renders monetization of City Lands at nominal value absent creative monetization strategy. Surrender of lease by 127 Society permits early monetization of value and only possible via alternative site proposal and land transaction
  - The net present value of this benefit to COV, calculated as the return on deployed capital by COV based on avg 2014 portfolio return and discounted back at COV cost of capital estimated at approximately \$13.8M

Approach: Review of lease terms; Financial returns and costs of capital from COV

#### Findings:

- Redevelopment of Brenhill Lands with social housing allows BCH to:
  - Avoid significant maintenance and rehabilitation costs estimated by BCH at an amount of between \$1.5M and \$2.0M
  - Reduce future maintenance and rehabilitation costs on replacement units to approx. 50% of the costs expected at existing Jubilee House

Approach: Review of Jubilee House condition report; discussions with BCH

# 3. Approach and Analysis: Phase 2 - Transactional Economics Review **Policy assumptions supported**

#### Policy assumptions supported (cont'd)

Finding:

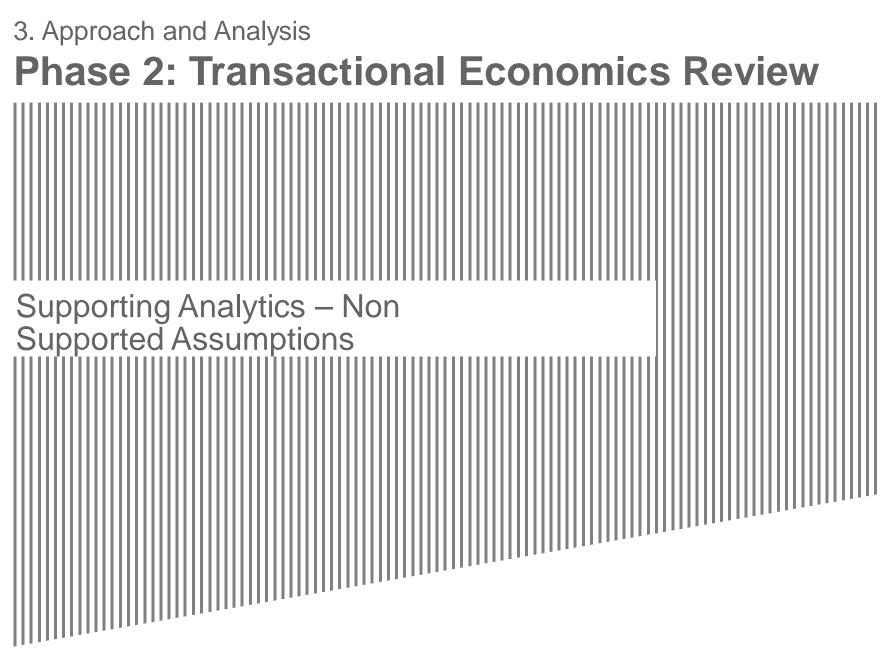
- Risk associated with delayed construction of market for sale units, market rental units, school and commercial space until completion and turnover of social housing to COV and 127 Society (estimated as Dec 15, 2015 (extended to May 31, 2016)) and rezoning borne exclusively by Brenhill. Risks include, *inter alia*:
  - Pricing of market for sale units
  - Rental rents on market rental units
  - Interest rates / affordability factor
  - Demand for product / including nature and size of product
  - Cost escalation beyond 8%
  - General market conditions

Approach: Document review and third party validated

Finding:

Voluntary \$1.0M AHF contribution by Brenhill will fund COV costs associated with redevelopment, legal and other for the 127 Society

Approach: Budget for funds reviewed



# 3. Approach and Analysis: Phase 2 - Transactional Economics Review **Brenhill Lands supporting analysis – Land value**

#### **Assumption:**

Is the Brenhill Lands valuation of \$8.4M or \$233 psf reasonable?

#### Findings

- Third party comparison based on similar land sales in the neighbourhood.
- Period of reference is 2012
- Selected sample comparable to COV, adjusted for considering permitted density capped at FSR 3.0 (limited potential for assembly/develop). Land value appraised at \$160-\$170 psf, average \$165 psf

| Sample summary in 2012   | Land Value \$/SF  | Land value co   | omparison   | COV                                       | EY  | Diff.                |
|--|---|---|---|---|---|----------------------|
| 710 Pacific Street<br>711 Beach Avenue<br>1300 Richards Street<br>1320 Richards Street<br>1396 Richards Street   | 152<br>172<br>164<br>170<br>217   | <b>PSF buildable</b><br>Land area<br>FSR<br><b>Land value</b> | \$/SF<br>SF<br>FSR<br>\$millions                                | <b>233.0</b><br>12,000<br>3<br><b>8.4</b> | <b>165.0</b><br>12,000<br>3<br><b>5.9</b> | (68.0)<br>-<br>(2.5) |
| 1251-1271 Homer Street<br>1102-1116 Hornby Street<br>1107 Seymour Street<br>920 Davie Street<br>1055 Seymour Street<br>916 Davie Street<br>1111 Seymour Street<br>Land Value \$/SF | 147<br>196<br>185<br>\$180-\$200<br>143<br>157<br><u>16</u> 2<br><b>\$160-\$170</b> | Hov<br>cert   | erence in la<br>vever this va<br>ain mitigatio<br>sented in thi | ariance<br>on factoi                      | is offset<br>'s as                        |                      |

#### 3. Approach and Analysis: Phase 2 - Transactional Economics Review **City Lands supporting analysis – Selling price**

**Assumption:** Estimated selling price of \$730 psf in August 2014 (pre-sale date) reasonable?

#### **Findings**

- Third party comparison with similar downtown residential sales in south locations, some samples closer to downtown, other closer to Yaletown
- Performed analysis by floor levels, the sample has been adjusted for size, guality and unit layout
- Period of reference is 2012, then selling price escalation to 2014 based on MLS Housing Price Index, Vancouver Condos

| Sample summar         | y in 2012           | Selling price escalat     | ion to 20    | 14        |      |     |
|-----------------------|---------------------|---------------------------|--------------|-----------|------|-----|
| Level                 | Selling Price \$/SF |                           | 2012         | 2013      | 2014 | \$  |
| Levels 9-18           | 696                 | MLS Housing Price Index,  |              | -0.7%     | 4.7% |     |
| Levels 19-34          | 740                 | Selling Price per SF      | 731          | 726       | 4.7% | l k |
| Levels 35-36          | 850                 |                           |              |           |      |     |
| Townhome              | 650                 |                           | 2012         | 2013      | 2014 |     |
| Average Selling price | 731                 | Inflation Rate BTY Report |              | 2.0%      | 3.0% |     |
|                       |                     | Selling Price per SF      | 731          | 746       | 768  |     |
| Selling price con     | nparison COV vs. E  | γ                         | l land valu  | le has a  |      |     |
|                       |                     | Diff.                     |              |           |      |     |
| Selling price \$/SF   | 730.00 760.00 (30   | ).00) differend           | ce of \$5.3l | vi que to |      |     |

237,087

173.1

129.8

237,087

180.2

135.1

(7.1)

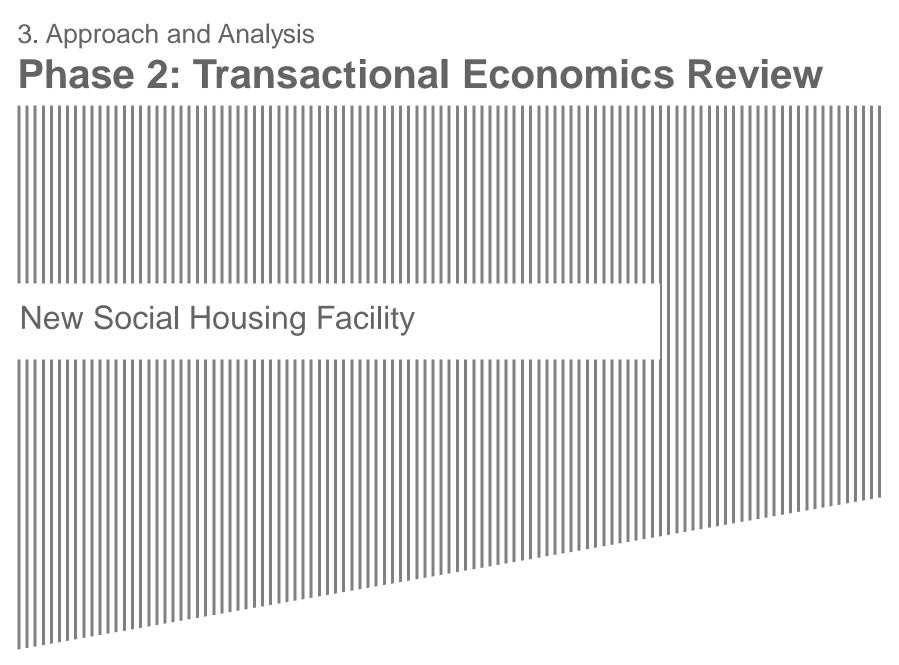
((5.3))

Net Strata Units (SF)

Strata Units Value \$m

CAC Value (75%) \$m

lower selling price.



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# 3. Approach and Analysis: Phase 2 - Transactional Economics Review **New social housing facility**

- Recap:
  - 162 unit purpose built social housing facility, estimated construction cost of \$30.6M
  - ► GBA 91,764 sf (13 floors), FSR 7.6, Lease 60 years (prepaid)
  - Construction of facility to be completed prior to the commencement of the market tower:
    - Pursuant to operating agreement, 127 Society assumed control
    - Residents in situ
    - Structure to satisfaction of COV
  - Anticipated completion and turnover date:
    - At inception date of agreements (Nov 2102) December 2015
    - Amended date May 15, 2016

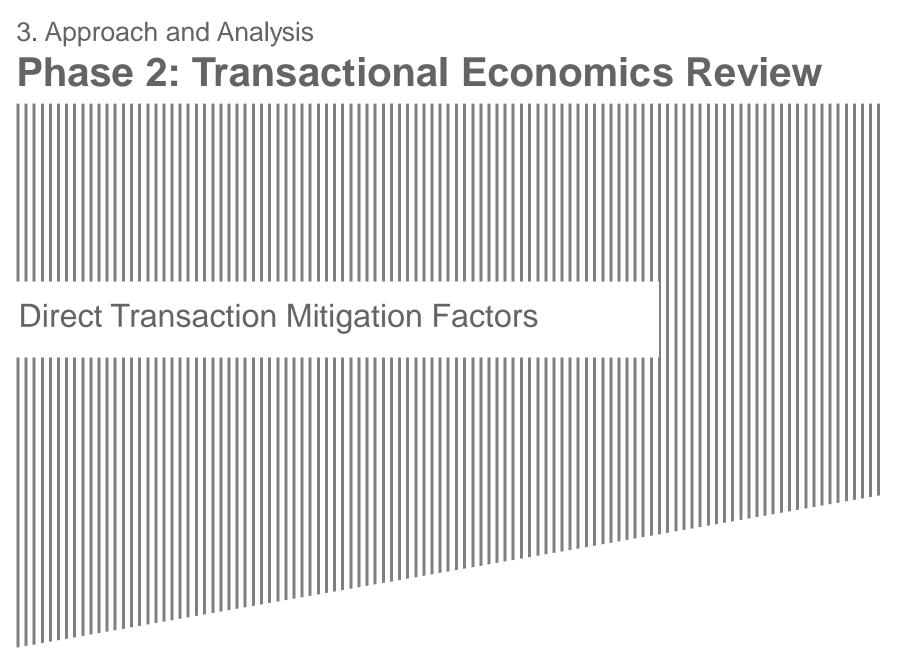
### 3. Approach and Analysis: Phase 2 - Transactional Economics Review **Financial assumptions - Social housing**

#### Financial assumptions supported

#### Finding:

- Social housing construction costs fair and reasonable.
  - Costs consistent with development in 2012.
  - Facility construction cost third party peer review Altus Group (October 2014) estimated hard costs under-budgeted by Brenhill by \$4.2 million (\$27.8M v \$23.6M), whereas BTY (October 2014) estimated total cost of social housing construction at \$36.6M, \$6M over budget
  - Brenhill assumes all risk associated with timing, development and financial risk
  - Cost of \$188k per unit (\$30.6M for 162 units) appears reasonable based on comparable builds and QS validation within COV. EY advised cost per unit (excluding land) typically exceeds \$200k

Approach: Third party validated, development agreement review and COV QS advice



### 3. Approach and Analysis: Phase 2 - Transactional Economics Review **Mitigation factors**

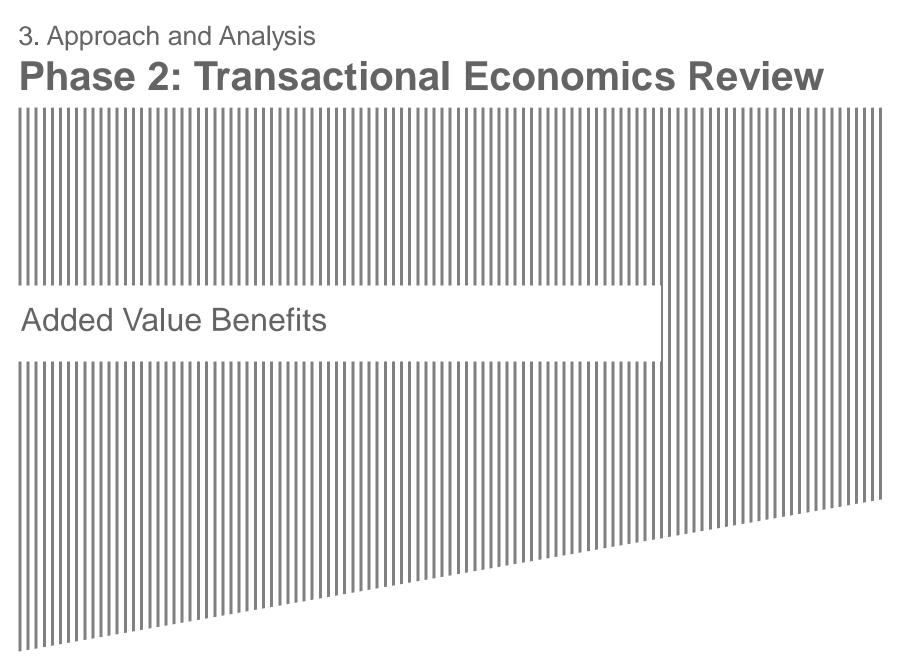
| Benefit to COV  | <b>+</b><br>(\$M) | <b>_</b><br>(\$M) | Observation   |
|---|-------------------|-------------------|---|
| Brenhill land purchase                                  |                   | - 2.5             | The value of the Brenhill Land estimated at \$5.9M, which is \$2.5M lower than the COV valuation of \$8.4M  |
| Residual Land Value                                     |                   | - 5.3             | Estimated average selling price in 2014 approximated \$760 psf as opposed to \$730 psf estimated by COV in 2012   |
| Housing costs (Altus<br>Group peer review)              | + 4.2             |                   | A hard cost peer review by the Altus Group (October<br>2014) estimated social housing facility construction costs<br>will exceed Brenhill estimated by \$4.2M, costs fully borne<br>by Brenhill |
| Brenhill 3 <sup>rd</sup> party offer (opportunity cost) | + 1.6             |                   | Brenhill opportunity cost for bona fide unsolicited third party offer (April 2012) for Brenhill Lands at \$10M  |
| Total   | + 5.8             | - 7.8             |   |
| Net   |                   | - 2.0             | Other value drivers (both quantitative and qualitative) mitigate economic shortfall   |

### 3. Approach and Analysis: Phase 2 - Transactional Economics Review **Mitigation factors**

Mitigation factors, totalling \$5.8M:

|  | \$M |   |
|--|-----|---|
| Brenhill opportunity cost                          | 1.6 | 1 |
| Facility construction cost Altus Group peer review | 4.2 | 2 |
| Total mitigation factors                           | 5.8 |   |

- \$1.6M: Brenhill opportunity cost (Bona fide 3rd party offer for Brenhill Lands of \$10M)
- Facility construction cost third party validation Altus Group, finding
   \$4.2M hard costs under-budgeted by Brenhill (\$27.8M v \$23.6M)



|     | Net economic shortfall to COV (\$M)  | - 2.0 |  |  |
|-----|--|-------|--|--|
| Otl | Other economic value drivers (\$M):  |       |  |  |
| •   | BC Social Housing maintenance and rehabilitation cost deferment <sup>(1)</sup>                           | 2.0   |  |  |
|     | Early monetization of land value – based on NPV of COV portfolio returns                                 | 13.8  |  |  |
| •   | Brenhill opportunity cost resulting from development of 110 secured market renta units vs. market strata | l 2.1 |  |  |
|     | Development Cost Levy (DCL) collected from new tower development   | 6.4   |  |  |
|     | Public Art Policy for Re-zoning Development  | 0.7   |  |  |
|     | Economic gains associated with social housing units  | N/A   |  |  |
|     | Risk transference to Brenhill (timing, financial, development) (2)                                       | 1.8   |  |  |

(1) BCH advised EY that maintenance and rehabilitation costs on the Jubilee House would approximately be \$2M absent a transaction.

(2) BTY estimated (October 2014) that total development cost of the 162 social housing units would exceed budget by approximately 6 millions; whereas, Altus estimated that hard cost overruns on behalf of COV at \$4.2m

- Early monetization of lands generates a benefit of unlocking City Lands value prior to expiry of Jubilee House lease in 2046
- ► The benefit to the COV is estimated at \$13.8M
  - represents the net present value of deployed capital based on 2014 portfolio returns (includes active and dormant lands) discounted at COV cost of capital (based on 40 year bonds)

| Total City value for COV \$M<br>COV average rate of return 2014                     | <b>\$M</b><br>40.000<br>1.9% |
|---|------------------------------|
| Return per year \$000<br>Total return until leasing expiry date 2046 \$M (31 years) | 760.0<br>23.560              |
| Cost of Capital 2012 (40 years bond)  | 3.75%                        |
| NPV \$M - Benefit of unlocking the value  | 13.793                       |

Brenhill opportunity cost for developing 110 secured market rental units vs. market strata on City Lands:

|  | \$000    |
|--|----------|
| Market Rental:                               |          |
| Value of market rental                       | 29,905   |
| Hard Cost (225 \$/SF)                        | (14,290) |
| Margin                                       | 15,615   |
| Soft (25% Hard Cost)                         | (3,573)  |
| Financing (10% Hard Cost, Soft)              | (1,786)  |
| Contingency (10% Hard Cost, Soft, Financing) | (982)    |
| Net profit Market Rental (A)                 | 9,274    |
| Strata Units:                                |          |
| Grossed up Market Rentals Area SF            | 63,512   |
| Net Market Rentals Area (84.60%) SF          | 53,731   |
| Strata Units Price / SF                      | 730      |
| Value of Strata Units                        | 39,224   |
| Hard Cost (225 \$/SF)                        | (14,989) |
| Margin                                       | 24,235   |
| Soft (25% Hard Cost)                         | (3,747)  |
| Financing (10% Hard Cost, Soft)              | (1,874)  |
| Contingency (10% Hard Cost, Soft, Financing) | (1,030)  |
| Net profit Market Strata (B)                 | 17,584   |
| Difference (B-A)                             | 8,310    |
|  | 0.077    |

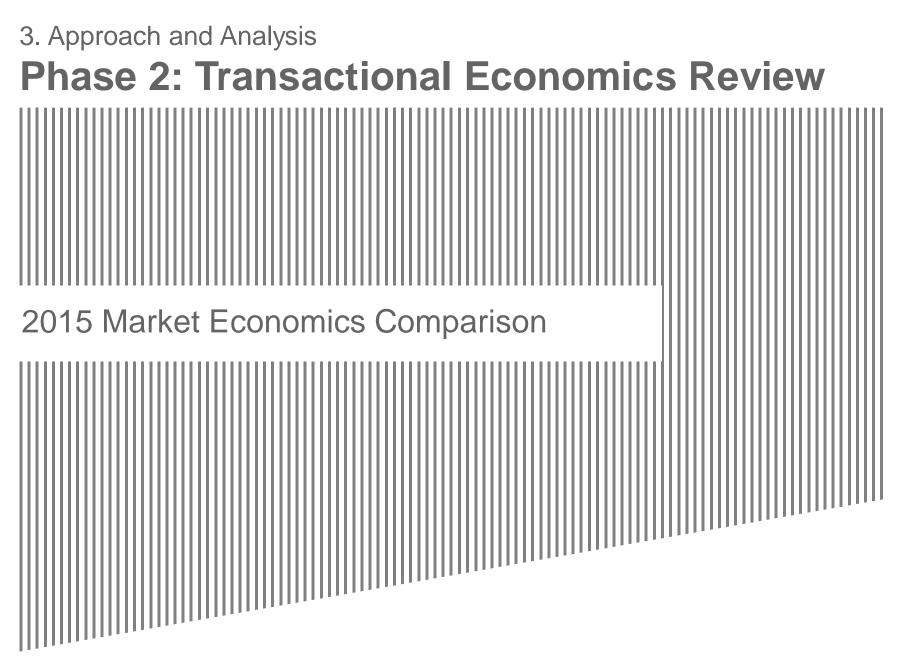
#### Brenhill Rental Units vs. Market Strata (Opp. Cost, 25%)

2,077

#### Additional financial considerations

- \$6,354.000 (approx): Development Cost Levy (DCL) collected from new tower development will help pay for facilities made necessary by growth including parks, childcare facilities, replacement (social/non-profit) housing and engineering infrastructure
- \$651,600: Public Art Policy for Re-zoning Development required that rezonings involving a floor area of 9,290 m<sup>2</sup> (100.000 SF) or greater allocate a portion of their construction budgets to public art as a condition of rezoning. Based on the current rate (1994; last amended 2004), approximately \$651,600 contributed by Brenhill towards the COV's public art budget

- Social housing and secured market rental supports COV's Housing and Homelessness Strategy 2012-2021:
  - Incremental 75 social housing units on Brenhill Lands provides much needed 162 unit social housing stock (87 at shelter rate (53%) and 75 at low end market rate (47%)) assists in reducing homelessness and addressing the insufficient supply of rental housing, particularly that which is affordable to low and modest income households with families
  - 110 market rental units: Secured by covenant, assists in addressing rental stock to meet the needs of low and modest income households and the youth
  - Encourages a housing mix to enhance quality of life and choice in the neighbourhood, increasing the availability of well-maintained and suitable housing types and tenures for a diverse population
  - Reinvestment and renewal of existing social housing. Many buildings are older and in need of investment or renewal. It will be a challenge to increase the social housing stock, renew or maintain the affordability of the existing social housing for the next generation without senior government subsidy
- Supports Greenest City 2020 Action Plan: Green belt extension through acquisition of lane
- Supports City's Heritage Conservation program: Preserve heritage building (Brookland Court)
- LEED Gold standard for new building



- Considerations
  - Market conditions in Vancouver, generally, and Yaletown, specifically, for develop lands have improved from 2012 to 2015
    - Applicable to both City Lands and Brenhill Lands, albeit Brenhill Lands value limited somewhat because of FSR density cap
  - City Lands, absent transaction, remain constrained by the Jubilee
     House lease until 2046 rendering the value at nominal amount
  - Brenhill Lands remain subject to FSR 3 density restriction, impacting land value
    - Brenhill Lands value further impacted by on-site works to date

- There has been an improvement in the underlying value of the City Lands between 2012 and 2015, driven by the growth for develop lands in Vancouver, generally, and Yaletown, specifically
- This land lift has been estimated by EY based on the sensitized assumption below:

#### City Lands 2015 Assumptions COV vs. EY

| Land lift:                        | COV    | EY     | Diff. |
|-----------------------------------|--------|--------|-------|
|                                   | 2012   | 2015   |       |
| Strata Units Price \$ / SF        | 730.00 | 800.00 | 70.00 |
| Strata Construction costs \$ / SF | 236.00 | 256.00 | 20.00 |
| Land Sale \$ / SF                 | 200.00 | 250.00 | 50.00 |
| Rental Cap rate                   | 4.5%   | 4.0%   | -0.5% |
| Market rental \$ / month / SF     | 2.45   | 3.00   | 0.55  |
| Rental Construction costs \$ / SF | 225.00 | 245.00 | 20.00 |
| CRU Construction costs \$ / SF    | 240.00 | 260.00 | 20.00 |

#### Land Value 2015 COV vs. EY

|                    | COV    | EY     | Diff. |
|--------------------|--------|--------|-------|
| Land value (FSR 5) | 2012   | 2015   |       |
| Land value \$ / SF | 200.0  | 250.0  | 50.0  |
| Density SF         | 75,000 | 75,000 | -     |
| Land \$M           | 15.0   | 18.8   | 3.8   |

#### City Lands 2015 value COV vs. EY

|                                | COV     | EY      | Diff.  |
|--------------------------------|---------|---------|--------|
| Strata Units Value             | 182.3   | 199.9   | 17.6   |
| Rental Value                   | 29.8    | 41.2    | 11.4   |
| School Value                   | 2.5     | 2.5     | -      |
| Value All Components           | 214.6   | 243.6   | 29.0   |
| Strata Units Cost              | (70.6)  | (76.6)  | (6.0)  |
| Market Rental Cost             | (17.6)  | (19.1)  | (1.6)  |
| School Cost                    | (2.0)   | (2.0)   | (0.1)  |
| Mother's Centre                | (0.5)   | (0.5)   | -      |
| Market Escalation              | (7.2)   | (7.8)   | (0.6)  |
| Construction Cost              | (97.8)  | (106.1) | (8.2)  |
| Soft, Financing, Cont., Profit | (66.8)  | (72.8)  | (6.1)  |
| Total All Cost                 | (164.6) | (178.9) | (14.3) |
| Land Lift - This Site          | 50.0    | 64.7    | 14.7   |
| Pre-Rezoning Land Value        | (15.0)  | (18.8)  | (3.8)  |
| Land Lift For All Components   | 35.0    | 45.9    | 11.0   |
| COV CAC (75%)                  | 26.1    | 34.5    | 8.4    |
|                                |         |         |        |

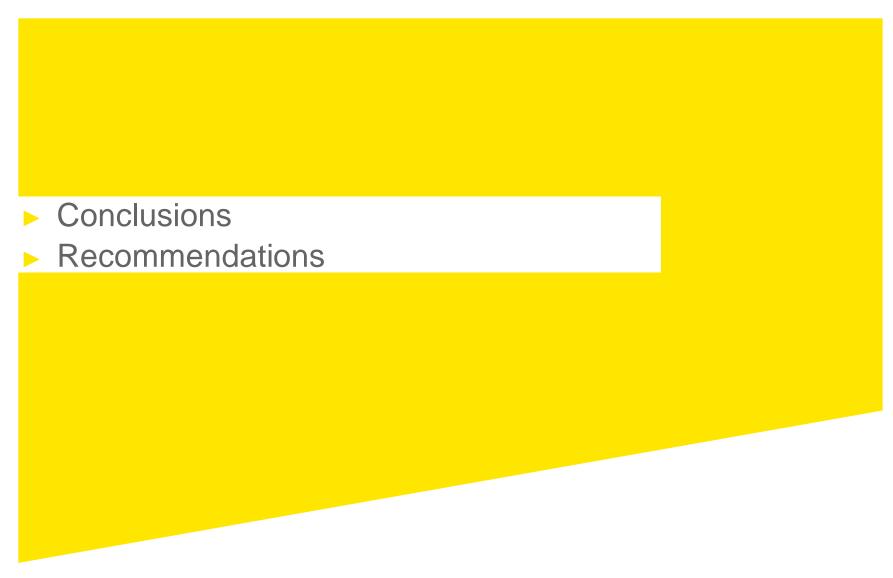
The improvement in the underlying value of the City Lands between 2012 and 2015, based on EY assumptions presented in the previous page, would result in \$12M higher value of land divested by COV:

|                  | COV  | EY   | Diff. |
|------------------|------|------|-------|
| Land             | 15.0 | 18.8 | 3.8   |
| COV CAC (75%)    | 26.1 | 34.5 | 8.4   |
| Net attributable | 41.1 | 53.2 | 12.1  |
| Rounded          | 40.0 | 52.0 | (12.0 |

However, the monetization of this value would remain subject to a surrender of lease by 127 Society (which leased runs through 2046)

- Findings
  - City Lands
    - While value attribution results are consistent with the market, the land is subject to the 127 Society Lease (expiration 2046). Therefore the ability to monetize this value is limited
    - Unable to provide comment on the land value at the end of the lease term due to the numerous variables associated therewith:
      - Economy generally
      - Interest rate
      - Currency exchange
      - Market demand for product
      - Gateway in-bound investment
      - Commodity prices (mining, forestry and energy sectors)
      - Consumer demand and preferences

#### 4. Conclusions and Recommendations



### 4. Conclusions and Recommendations **Phase 1 conclusion**

- Procedural review: Did the COV follow due process?
  - Procedural aspects of the decision making process pertaining to the land swap transaction appear reasonable and supported and within the authority of municipal officers undertaking same

# 4. Conclusions and Recommendations **Phase 2 conclusions**

- Transaction economics review: Are the transaction economics supportable?
  - Value attributable to City Lands appear reasonable in relation to the 2015 BC Assessment value (subject to appeal) and before consideration of the incremental value attributes aligned with the transaction, including COV policy considerations:
    - A number of added value benefits were negotiated that support the City's vision, including the Housing and Homelessness Strategy 2012-2021
  - Value attributable to the Brenhill Lands (defined hereafter) by the COV exceeds the market value of the lands as at the date of the transaction; however mitigating factors exist that substantially mitigate this value differential.

#### 4. Conclusions and Recommendations **Phase 2 conclusions (cont'd)**

While there has been a marked improvement in the underlying value of the City Lands between 2012 and 2015 (estimated by EY at \$12 million); the monetization of this value would remain subject to a surrender of lease by 127 Society (which leased runs through 2046) and is therefore not subject to near term monetization

# 4. Conclusions and Recommendations **Recommendations**

- Improvement opportunities within the City's decision making, assessment and approval processes should be pursued to promote reliability, transparency and accountability
  - Documented chain of command for initiating, negotiating, evaluating and delivering land transactions
  - Maintain sufficient documentation within the COV records, including third party resource materials supporting the evaluation and decision process
  - Maintain a permanent file record containing final transaction documentation, which should include, *inter alia:* 
    - final proforma analysis supporting all variables of the land transaction (signed / initialed / dated) by those involved in the transaction;
    - 2. final supporting documents for major assumptions associated with land transactions; and
    - 3. finalized approval document i.e. overriding recommendations to Council executed by Director of Real Estate Services and others in the documented chain of command

#### **EY** | Assurance | Tax | Transactions | Advisory

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