## Hovnanian <br> Enterprises, Inc.

Review of Financial Results | First Quarter Fiscal 2018


Note: All statements in this presentation that are not historical facts should be considered as "Forward-Looking Statements" within the meaning of the "Safe Harbor" provisions of the Private Securities Litigation Reform Act of 1995. Such statements involve known and unknown risks, uncertainties and other factors that may cause actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Such forward-looking statements include but are not limited to statements related to the Company's goals and expectations with respect to its financial results for future financial periods. Although we believe that our plans, intentions and expectations reflected in, or suggested by, such forward-looking statements are reasonable, we can give no assurance that such plans, intentions or expectations will be achieved. By their nature, forward-looking statements: (i) speak only as of the date they are made, (ii) are not guarantees of future performance or results and (iii) are subject to risks, uncertainties and assumptions that are difficult to predict or quantify. Therefore, actual results could differ materially and adversely from those forward-looking statements as a result of a variety of factors. Such risks, uncertainties and other factors include, but are not limited to, (1) changes in general and local economic, industry and business conditions and impacts of a sustained homebuilding downturn; (2) adverse weather and other environmental conditions and natural disasters; (3) levels of indebtedness and restrictions on the Company's operations and activities imposed by the agreements governing the Company's outstanding indebtedness; (4) the Company's sources of liquidity; (5) changes in credit ratings; (6) changes in market conditions and seasonality of the Company's business; (7) the availability and cost of suitable land and improved lots; (8) shortages in, and price fluctuations of, raw materials and labor; (9) regional and local economic factors, including dependency on certain sectors of the economy, and employment levels affecting home prices and sales activity in the markets where the Company builds homes; (10) fluctuations in interest rates and the availability of mortgage financing; (11) changes in tax laws affecting the after-tax costs of owning a home; (12) operations through joint ventures with third parties; (13) government regulation, including regulations concerning development of land, the home building, sales and customer financing processes, tax laws and the environment; (14) product liability litigation, warranty claims and claims made by mortgage investors; (15) levels of competition; (16) availability and terms of financing to the Company; (17) successful identification and integration of acquisitions; (18) significant influence of the Company's controlling stockholders; (19) availability of net operating loss carryforwards; (20) utility shortages and outages or rate fluctuations; (21) geopolitical risks, terrorist acts and other acts of war; (22) increases in cancellations of agreements of sale; (23) loss of key management personnel or failure to attract qualified personnel; (24) information technology failures and data security breaches; (25) legal claims brought against us and not resolved in our favor; and (26) certain risks, uncertainties and other factors described in detail in the Company's Annual Report on Form 10-K for the fiscal year ended October 31, 2017 and subsequent filings with the Securities and Exchange Commission. Except as otherwise required by applicable securities laws, we undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events, changed circumstances or any other reason.

## NON-GAAP FINANCIALMEASURES:

Consolidated earnings before interest expense and income taxes ("EBIT") and before depreciation and amortization ("EBITDA") and before inventory impairment loss and land option write-offs and gain on extinguishment of debt ("Adjusted EBITDA") are not U.S. generally accepted accounting principles (GAAP) financial measures. The most directly comparable GAAP financial measure is net (loss). The reconciliation for historical periods of EBIT, EBITDA and Adjusted EBITDA to net loss is presented in a table attached to this earnings release.

Homebuilding gross margin, before costs of sales interest expense and land charges, and homebuilding gross margin percentage, before costs of sales interest expense and land charges, are non-GAAP financial measures. The most directly comparable GAAP financial measures are homebuilding gross margin and homebuilding gross margin percentage, respectively. The reconciliation for historical periods of homebuilding gross margin, before costs of sales interest expense and land charges, and homebuilding gross margin percentage, before costs of sales interest expense and land charges, to homebuilding gross margin and homebuilding gross margin percentage, respectively, is presented in a table attached to this earnings release.
(Loss) Before Income Taxes Excluding Land-Related Charges, Joint Venture Write-Downs and Gain on Extinguishment of Debt is a non-GAAP financial measure. The most directly comparable GAAP financial measure is (Loss) Income Before Income Taxes. The reconciliation for historical periods of (Loss) Before Income Taxes Excluding Land-Related Charges, Joint Venture Write-Downs and Gain on Extinguishment of Debt to (Loss) Income Before Income Taxes is presented in a table attached to this earnings release.

Adjusted Homebuilding EBIT to Inventory is defined as Adjusted Homebuilding EBIT for the last 12 months divided by the last five quarter average inventory, excluding inventory not owned and capitalized interest. Adjusted Homebuilding EBIT is a non-GAAP financial measure. The most directly comparable GAAP financial measure is net loss. The calculation of Adjusted Homebuilding EBIT to Inventory and the reconciliation for historical periods of Adjusted Homebuilding EBIT to net loss is presented in a table attached to this presentation.

Total liquidity is comprised of $\$ 278.2$ million of cash and cash equivalents, $\$ 2.7$ million of restricted cash required to collateralize letters of credit and $\$ 11.1$ million of availability under the unsecured revolving credit facility as of January $31,2018$.

## Adjusted Homebuilding Gross Margin




## Adjusted Gross Margin Percentage, Last Twelve M onths

(adjusted for sales commissions) (year over year change)


Note: Hovnanian sales commission was $3.6 \%$ in the most recent quarter. Reduced KB Home, Lennar, LGI Homes, M DC, M eritage, M/I Homes, Pulte, Taylor M orrison and Tri Pointe publicly reported results by full $3.6 \%$ because all of their sales commissions are reported in SG\&A. Reduced DR Horton and Toll publicly reported results by $1.8 \%$ because only some of their sales commissions were reported in SG\&A. Beazer reports commission separately and is reduced by 3.9\%.
Source: Company SEC filings and press releases as of 03/08/18.
Note: Excluding interest and impairments.


Number of Monthly Contracts Per Community, Includes Joint Ventures


Note: Includes joint ventures.

## Communities \& Growth in Contracts per Community

| Year-over-Year Percentage <br> Increase in Quarterly <br> Contracts per Community 1 (1) |
| :--- |



1997-2002 Average


2014


2015


2016
35.1

| Net New Option Lots | Q1 2017 | Q1 2018 |
| :---: | :---: | :---: |
| 1,724 | 2,598 |  |
|  | An increa se of |  |
| 51\% |  |  |


|  | Q1 2017 | Q1 2018 |
| :---: | :---: | :---: |
| 2,233 | 2,421 |  |
| An increa se of |  |  |
| $8 \%$ |  |  |

## Houston Contracts Per Community

## Trailing Twelve M onths Ended January 31,



Houston First Quarter Contracts Per Community

|  |  |
| :--- | :--- |
| 5.4 | 5.4 |

2014
2015
2016


2018

## Consolidated Lots Controlled



## Decreases in Land Banked Lots

## Land banked lots as a \% of total optioned lots

$16 \%$

13\%

8\%

## Hovnanian Enereprises inc Adjusted Homebuilding EBIT to Inventory, Last Twelve M onths



Note: Defined as LTM EBIT before land-related charges divided by five quarter average inventory, excluding capitalized interest and inventory not owned.
Source: Company SEC filings and press releases as of 03/08/18.

## Inventory Turns (COGS), Last Twelve Months



Note: Inventoryturns derived by dividing cost of sales, excluding capitalized interest, by the five quarter average homebuilding inventory, excluding inventory not owned and capitalized interest.
Source: Company SEC filings and press releases as of 03/08/18.

## Adjusted Hovnanian Stockholders' Equity

- Deferred tax asset will shield approximately $\$ 2.1$ billion of future pretax earnings from federal income taxes which will help accelerate repairing our balance sheet
(\$ in millions)


- Refinanced $\$ 133$ million $7.0 \%$ senior notes due 2019, with a $5 \%$ unsecured term loan maturing in 2027 from GSO Capital Partners LP and certain funds managed or advised by it (collectively, the "GSO Entities")
- Accepted $\$ 170$ million of $8.0 \%$ senior notes due 2019 tendered in an exchange offer for the issuance of
- $\$ 91$ million of $13.5 \%$ senior notes due 2026
- $\$ 90$ million of $5.0 \%$ senior notes due 2040
- $\$ 27$ million of cash for the purchase of $\$ 26$ million of the tendered $8 \%$ senior notes
- An additional $5.0 \%$ unsecured term loan commitment from GSO Entities will be used to refinance $\$ 66$ million of $8 \%$ senior notes
- Commitment for 4.5 year $\$ 125$ million senior secured revolver/term loan from GSO Entities
- Anticipate first draw in September 2018 to repay $\$ 75$ million super priority secured term loan
- Provides $\$ 50$ million of incremental liquidity
- Commitment from GSO Entities to purchase at approximately then current yield $\$ 25$ million additional $10.5 \%$ senior secured notes due 2024
- Closes in January 2019
- Provides $\$ 25$ million additional liquidity
- Received consent from $10.5 \%$ senior secured note holders to remove restrictions on repurchases or acquisitions of unsecured 2019 debt
- Use of cash for repayment
- Open market purchases
- Refinancings


## Pre and Pro Forma Maturity Profile - Refinance 7\% Notes

## As of January 31, 2018




## Pro Forma



## Pro Forma



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Appenolx


| (s in Thousands) | $\frac{\text { October 31 }}{\underline{2017}}$ | $\frac{\text { Lanuary } 31,}{\underline{2018}}$ |
| :---: | :---: | :---: |
| Cash and cash equivalents | \$381,100 | \$198,100 |
| M ortgaged Inventory | \$419,900 | \$454,800 |
| Pledged equity value of subsidiaries without inventory liens ${ }^{(2)}$ | \$113,700 | \$115,300 |
| Total Collateral | \$914,700 | \$768,200 |
| Plus equity value of subsidiaries with non-recourse loans ${ }^{(3)}$ | \$81,900 | \$98,000 |
| Total Adjusted Collateral | \$996,600 | \$866,200 |
| Total principal amount of secured debt | \$915,000 | \$915,000 |
| Adjusted Collateral Ratio | 1.09x | 0.95x |
| Assets in excess of total principal amount of secured debt | \$81,600 | \$(48,800) |

(1) The $10.0 \%$ Secured Notes due 2022 and $10.5 \%$ Secured Notes due 2024 were issued on July 27, 2017. Control agreements over certain cash and cash equivalents accounts and mortgages over inventory are not currently in place but will be entered into in accordance with the terms of the indenture and security documents governing such Notes.
(2) Represents book value of inventory owned by guarantor subsidiaries for which mortgages are either not yet filed or not required to be filed.
(3) Represents book value of inventory owned by guarantor subsidiaries less outstanding payable amount of non-recourse loans.

## Coverage for 9.5\% 1st Len Notes Due 2020 and

 $2 \%$ and $5 \%$ 1st Iien Notes Due 2021| (s in Thousands) | October 31, 2017 | Lanuary 31, 2018 |
| :---: | :---: | :---: |
| Cash and cash equivalents | \$84,300 | \$82,800 |
| M ortgaged Inventory | \$128,900 | \$140,300 |
| Pledged equity value of subsidiaries without inventory liens ${ }^{(1)}$ | \$2,300 | \$14,100 |
| Total Collateral | \$215,500 | \$237,200 |
| Plus equity value of subsidiaries with non-recourse loans(2) | \$10,300 | \$8,900 |
| Total Adjusted Collateral | \$225,800 | \$246,100 |
| Total principal amount of secured debt | \$270,000 | \$270,000 |
| Adjusted Collateral Ratio | 0.84x | 0.91x |
| Total Adjusted Collateral | \$225,800 | \$246,100 |
| Plus equity interests in joint ventures ${ }^{(3)}$ | \$88,200 | \$65,400 |
| Total Assets Available for secured debt | \$314,000 | \$311,500 |
| Total principal amount of secured debt | \$270,000 | \$270,000 |
| Asset Coverage Ratio | 1.16x | 1.15x |
| Assets in Excess of total principal amount of secured debt | \$44,000 | \$41,500 |
| (1) Represents book value of inventory owned by guarantor subsidiaries for which mortgages are either not yef filed or not required to be filed. <br> (2) Represents book value of inventory owned by guarantor subsidiaries less outstand ing payable amount of non-recourse loans. <br> 3) Represents equity in joint ventures owned by guarantor subsidiaries, either directly or indirectly through ownership of joint venture holding companies; this equity is not pledged to secure, and is not collateral for, the Notes. |  |  |

## Assets Available to All Unsecured Debt

| (\$ in Thousands) | $\frac{\text { October } 31}{\underline{2017}}$ | $\frac{\text { January } 31}{2018}$ |
| :---: | :---: | :---: |
| Total Assets | \$1,900,900 | \$1,645,900 |
| less Inventory Not Owned | \$(124,800) | \$(93,900) |
| less Financial Services Assets | \$(162,100) | \$(101,900) |
| Assets Available to All Notes | \$1,614,000 | \$1,450,100 |
| less non-recourse mortgages | \$(64,500) | \$(64,500) |
| less principal for 9.5\% 1st Lien Notes due 2020 and 2\% and 5\% 1st Lien Notes due 2021 | \$(270,000) | \$(270,000) |
| less principal for Super Priority Term Loan due 2018, 10.0\% Secured Notes due 2022 and 10.5\% Secured Notes due 2024 | \$(915,000) | \$ $(915,000)$ |
| Assets available to All Unsecured Notes | \$364,500 | \$200,600 |

- 549 started unsold homes at 01/31/18, excluding models
- 4.6 average started unsold homes per community since 1997
- As of January 31, 2018, 3.9 started unsold homes per community
9.0
3.0
0.0




## January 31, 2018

Owned

Segment
Excluding
Mothballed Lots Mothballed Lots Optioned Lots Total Lots

| Northeast | 634 | 252 | 3,734 | 4,620 |
| :--- | :---: | :---: | :---: | :---: |
| Mid-Atlantic | 1,969 | 280 | 2,014 | 4,263 |
| Midwest | 1,475 | 127 | 1,834 | 3,436 |
| Southeast | 1,615 | - | 2,029 | 3,644 |
| Southwest | 2,205 | - | 3,987 | 6,192 |
| West | 1,531 | 2,835 | 662 | 5,028 |
| Consolidated Total | 9,429 | 3,494 | 14,260 | 27,183 |


| Joint Ventures | 3,016 | - | 1,149 | 4,165 |
| :--- | :--- | :--- | :--- | :--- |

- Option deposits as of January 31, 2018 were $\$ 56$ million
- $\$ 7$ million invested in pre-development expenses as of January 31, 2018


## Owned Lots \% Development Costs Spent

As of January 31, 2018



- Houston Exposure as of January 31, 2018

Houston as a \% of Company Total

| TTM Home Sale Revenues | $15 \%$ |
| :--- | :--- |
| Homebuilding Inventory | $14 \%$ |

- Houston Lot Position as of January 31, 2018

|  |  | Months Supply |  |
| :--- | :---: | :---: | :---: |
|  | Houston <br> \# Lots | Houston | Company Average ${ }^{(1)}$ |
| Owned Lots | 1,271 | 13 | 23 |
| Optioned Lots | 1,803 | 19 | 36 |
| Total Lots | 3,074 | 32 | 59 |

- Option Deposit
- Houston \$3,000 per lot vs. Company Average $\$ 4,000$ per lot

Number of M Monthly contracts Per Community, Excludes Ioint Ventures


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## Reconciliation of (Loss) Before Income Taxes Excluding Land-Related Charges, Joint Venture Write-Downsand Gain on Extinguishment of Debt to (Loss) Income Before Income Taxes

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Hovnanian Enterprises, Inc.
January 31, 2018
Reconciliation of (Loss) Before Income Taxes Excluding Land-Related Charges, Joint Venture Write-Downs and Gain on Extinguishment of Debt to
(Loss) Income Before Income Taxes
(Dollars in Thousands)
```

(Loss) Income Before Income Taxes
Inventory Impairment Loss and Land Option Write-Offs 3,184
Unconsolidated Joint Venture Write Downs
Gain on Extinguishment of Debt

| Three M Months Ended <br> January 31, |  |
| :---: | ---: |
| 2018 | 2017 |
| (Unaudited) |  |
| $\$(30,471)$ | $\$ 323$ |
| 414 | 3,184 |
| 660 | - |
| - | 7,646 |

(Loss) Before Income Taxes Excluding Land-Related Charges, Joint Venture Write-Downs and Gain on Extinguishment of Debt (a)
(a) (Loss) Before Income Taxes Excluding Land-Related Charges, Joint Venture Write-Downs and Gain on Extinguishment of Debt is a non-GAAP financial measure. The most directly comparable GAAP financial measure is (Loss) Income Before Income Taxes.

Hovnanian Enterprises, Inc.
January 31, 2018
Gross Margin
(Dollars in Thousands)

|  | Homebuilding Gross M argin Three M onths Ended January 31, |  |
| :---: | :---: | :---: |
|  | 2018 | 2017 |
|  | (Unaudited) |  |
| Sale of Homes | \$401,577 | \$531,415 |
| Cost of Sales, Excluding Interest Expense (a) | 329,527 | 439,917 |
| Homebuilding Gross M argin, Before Cost of Sales Interest Expense and Land Charges (b) | 72,050 | 91,498 |
| Cost of Sales Interest Expense, Excluding Land Sales Interest Expense | 12,292 | 16,574 |
| Homebuilding Gross M argin, After Cost of Sales Interest Expense, Before Land Charges (b) | 59,758 | 74,924 |
| Land Charges | 414 | 3,184 |
| Homebuilding Gross M argin | \$59,344 | \$71,740 |
| Gross M argin Percentage | 14.8\% | 13.5\% |
| Gross M argin Percentage, Before Cost of Sales Interest Expense and Land Charges (b) | 17.9\% | 17.2\% |
| Gross M argin Percentage, After Cost of Sales Interest Expense, Before Land Charges (b) | 14.9\% | 14.1\% |
|  | Land Sales Gross M argin Three M onths Ended January 31, |  |
|  |  |  |
|  |  |  |
|  | 2018 | 2017 |
|  | (Unaudited) |  |
| Land and Lot Sales | \$ - | \$7,001 |
| Cost of Sales, Excluding Interest and Land Charges (a) | - | 5,110 |
| Land and Lot Sales Gross M argin, Excluding Interest and Land Charges |  | 1,891 |
| Land and Lot Sales Interest | - | 1,748 |
| Land and Lot Sales Gross M argin, Including Interest and Excluding Land Charges | \$- | \$143 |

(a) Does not include cost associated with walking away from land options or inventory impairment losses which are recorded as Inventory impairment loss and land option write-offs in the Condensed Consolidated Statements of Operations.
(b) Homebuilding Gross M argin, Before Cost of Sales Interest Expense and Land Charges, and Homebuilding Gross M argin Percentage, before Cost of Sales Interest Expense and Land Charges, are non-GAAP financial measures. The most directly comparable GAAP financial measures are Homebuilding Gross M argin and Homebuilding Gross M argin Percentage, respectively.

| Hovnanian Enterprises, Inc. |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| January 31,2018 |  |  |  |  |
| Reconciliation of Adjusted Homebuilding EBIT to Inventory |  |  |  |  |
| (Dollars in Thousands) |  |  |  |  |
| (Unaudited) |  |  |  |  |

Inventory Turnover

| Calculation of Inventory Turnover ${ }^{(1)}$ |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | TTM |
|  |  | For the Quarter Ended |  |  |  | Ended |
| (Dollars in Thousands) |  | 4/30/2017 | 7/31/2017 | 10/31/2017 | 1/31/2018 | 1/31/2018 |
| Cost of Sales, Excluding Interest |  | \$475,440 | \$478,886 | \$562,451 | \$329,527 | \$1,846,304 |
|  | As of |  |  |  |  |  |
|  | 1/31/2017 | 4/30/2017 | 7/31/2017 | 10/31/2017 | 1/31/2018 |  |
| Total Inventories | \$1,293,426 | \$1,209,212 | \$1,188,849 | \$1,009,827 | \$1,053,514 | Five |
| Consolidated Inventory Not Owned | 171,572 | 154,620 | 138,529 | 124,784 | 93,875 | Quarter |
| Capitalized Interest | 94,438 | 90,960 | 87,119 | 71,051 | 70,793 | Average |
| Inventories less Consolidated Inventory Not Owned and Capitalized Interest | \$1,027,416 | \$963,632 | \$963,201 | \$813,992 | \$888,846 | \$931,417 |
| Inventory Turnover |  |  |  |  |  | 2 x |
| ${ }^{(1)}$ Derived by dividing cost of sales, excluding cost of sales interest, by the five quarter average inventory, excluding inventory not owned and capitalized interest. The Company's calculation of Inventory Turnover may be different than the calculation used by other companies and, therefore, comparability may be affected. |  |  |  |  |  |  |

# Hovnanian 


[^0]:    Note: Excludes joint ventures.

