## Hovnanian

Review of Financial Results| Third Quarter Fiscal 2019


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 significant homebuilding downturn; (2) adverse weather and other environmental conditions and natural disasters; (3) high leverage and restrictions on the Company's operations and activities imposed by the agreements governing the Company's outstanding indebtedness; (4) availability and terms of financing to the Company; (5) the Company's sources of liquidity; (6) changes in credit ratings; (7) the seasonality of the Company's business; (8) the availability and cost of suitable land and improved lots and sufficient liquidity to invest in such land and lots; (9) shortages in, and price fluctuations of, raw materials and labor; (10) reliance on, and the performance of, subcontractors; (11) 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; (12) fluctuations in interest rates and the availability of mortgage financing; (13) increases in cancellations of agreements of sale; (14) changes in tax laws affecting the after-tax costs of owning a home; (15) operations through unconsolidated joint ventures with third parties; (16) government regulation, including regulations concerning development of land, the home building, sales and customer financing processes, tax laws and the environment; (17) legal claims brought against us and not resolved in our favor, such as product liability litigation, warranty claims and claims made by mortgage investors; (18) levels of competition; (19) successful identification and integration of acquisitions; (20) significant influence of the Company's controlling stockholders; (21) availability of net operating loss carryforwards; (22) utility shortages and outages or rate fluctuations; (23) changes in trade policies, including the imposition of tariffs and duties on homebuilding materials and products, and related trade disputes with and retaliatory measures taken by other countries; (24) geopolitical risks, terrorist acts and other acts of war; (25) loss of key management personnel or failure to attract qualified personnel; (26) information technology failures and data security breaches; (27) negative publicity; and (28) 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, 2018 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 FINANCIAL M EASURES:

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 loss 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 cost of sales interest expense and land charges, and homebuilding gross margin 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 margin and homebuilding gross margin percentage, respectively. The reconciliation for historical periods of homebuilding gross margin, before cost of sales interest expense and land charges, and homebuilding gross margin percentage, before cost 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 loss on extinguishment of debt is a non-GAAP financial measure. The most directly comparable GAAP financial measure is (loss) before income taxes. The reconciliation for historical periods of (loss) before income taxes excluding land-related charges, joint venture write-downs and loss on extinguishment of debt to (loss) before income taxes is presented in a table attached to this earnings release.

Total liquidity is comprised of $\$ 83.6$ million of cash and cash equivalents, $\$ 16.5$ million of restricted cash required to collateralize letters of credit and $\$ 125.0$ million of availability under the senior secured revolving credit facility as of July 31, 2019.

## Third Quarter Operating Results


(1) Adjusted homebuilding gross margin percentage is before cost of sales interest expense and land charges. See appendix for a reconciliationto the most directly comparable GAAP measure.
(2) Total SG\&A includes homebuilding selling, general and administrative costs and corporate general and administrative costs.

## Wholly Owned



$$
1,236
$$




## Quarterly Contracts Per Community



Number of Monthly Contracts Per Community, Excludes Unconsolidated Joint Ventures



1997-2002
Average




Consolidated Communities $\quad$ Unconsolidated Joint Venture Communities

Consolidated Backlog


## Total Lots Controlled Years Supply*


*Years supply based on LTM deliveries.
Source: Company SEC filings and press releases as of 09/05/19.
Note: Excludes unconsolidated joint ventures.



Source: Company SEC filings and press releases as of 09/05/19.
Note: Excludes unconsolidated joint ventures.

As of July 31, 2019

## \# of Lots

| Northeast (NJ, PA) | $\mathbf{6}$ |
| :--- | :---: |
| Mid-Atlantic (DE, MD, VA, WV) | 280 |
| Midwest (IL, M N, OH) | $\mathbf{1 2 7}$ |
| Southeast (FL, GA, NC, SC) | - |
| Southwest (AZ, TX) | - |
| West (CA) | 2,177 |
| Total | $\mathbf{2 , 5 9 0}$ |

- In 14 communities with a book value of $\$ 14$ million net of impairment balance of $\$ 147$ million
- Unmothballed approximately 7,500 lots in 100 communities since January 31, 2009


## Inventory Turns (COGS), Last Twelve Months



Note: Inventory turns derived by dividing cost of sales, excluding capitalized interest, by the five quarter average homebuilding inventory, excluding inventory not owned and capitalized interest. See appendix for a reconciliation to the most directly comparableGAAP measure.
Source: Company SEC filingsand press releases as of 09/05/19.

## 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)



## \$152

July 31, 2019
Adjusted July 31, 2019


[^0]Note: Liquidity position includes homebuilding cash and cash equivalents (which includes unrestricted cash and restricted cash to collateralize a performance bond and letters of credit) and revolving credit facility availability.

July 31, 2019
(\$ in millions)


Note: Shown on a fiscal year basis, at face value.
Note: Excludes non-recourse mortgages.
(1) $\$ 26$ million of $8.0 \%$ senior notes held by wholly owned subsidiary, no cash required to retire.
(2) $\$ 0$ balance as of July 31, 2019. Becomes a term loan in December 2019 with final maturity in December 2022.

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H_{\text {Enterprises: Inc. }}^{O \text { OVnanian }}
$$

Appendix

| (\$ in Thousands) | April 30, 2019 | Uuly 31,2019 |
| :---: | :---: | :---: |
| Cash and cash equivalents | \$85,700 | \$63,100 |
| M ortgaged inventory | \$396,100 | \$386,700 |
| Non-mortgaged inventory ${ }^{(1)}$ | \$57,100 | \$61,400 |
| Total collateral | \$538,900 | \$511,200 |
| Plus inventory with non-recourse loans ${ }^{(2)}$ | \$102,900 | \$107,100 |
| Total adjusted collateral | \$641,800 | \$618,300 |
| Total principal amount of secured debt | \$865,000 | \$865,000 |
| Adjusted collateral Ratio | 0.74x | 0.71x |
|  |  |  |


| (\$ in Thousands) | April 30, 2019 | July 31, 2019 |
| :---: | :---: | :---: |
| Cash and cash equivalents | \$44,500 | \$30,700 |
| M ortgaged inventory | \$133,200 | \$161,000 |
| Non-mortgaged inventory ${ }^{(1)}$ | \$3,100 | \$7,000 |
| Total collateral | \$180,800 | \$198,700 |
| Plus inventory with non-recourse loans ${ }^{(2)}$ | \$47,900 | \$50,200 |
| Total adjusted collateral | \$228,700 | \$248,900 |
| Total principal amount of secured debt | \$270,000 | \$270,000 |
| Adjusted collateral ratio | 0.85x | 0.92x |
|  |  |  |
| Total adjusted collateral | \$228,700 | \$248,900 |
| Plus equity interests in joint ventures ${ }^{(3)}$ | \$181,000 | \$182,300 |
| Total adjusted JV collateral | \$409,700 | \$431,200 |
| Total principal amount of secured debt | \$270,000 | \$270,000 |
| Adjusted JV collateral ratio | 1.52x | 1.60x |
| GENERAL:VALUES PRESENTED ON THIS SLIDE ARE APPROXIM ATE. PRESENTATION DOES NOT REFLECT OTHER UNSECURED OBLIGATIONS, SUCH AS TRADE PAYABLES AND <br> INTERCOM PANY LOANS AT SUBSIDIARY GUARANTORS. WE MAKE NO ASSURANCE AS TO ANY RECOVERYVALUE, INCLUDING ASA RESULT OF CREDITOR PRIORITIESOR OTHERWISE. <br> (1) Represents the book value of inventory owned by subsidiary guarantors which will be subject to mortgages in accordance with the terms of the applicable debt and security documents but such mortgages have not yet been filed. Upon the filing and recording of mortgages, such inventory will be collateral. Until such time as the inventory is collateral, all secured and unsecured creditors would have claims against this inventory value. <br> (2) Represents the book value of inventory owned by subsidiary guarantors securing non-recourse loans less the outstanding payable amount of the non-recourse loans. Inventory securing non-recourse loans is excluded from collateral until the applicable non-recourse loan is paid in full. Net cash proceeds from deliveries of inventorysecuring non-recourse loans is collateral under the terms of the applicable security agreements and subject to perfection through control agreements. <br> (3) Represents equity in consolidated and unconsolidated 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 Creditors

| (\$ in Thousands) | April 30, 2019 | July 31,2019 |
| :---: | :---: | :---: |
| Total assets | \$1,755,300 | \$1,795,300 |
| less inventory not owned | \$(154,400) | \$(179,600) |
| less financial services assets | \$ $(119,900)$ | \$(109,200) |
| less non-recourse mortgages | \$(190, 700 ) | \$(207,200) |
| Assets available to creditors | \$1,290,300 | \$1,299,300 |
| Principal amount: 9.5\% 1st lien notes due 2020 and 2\% and 5\% 1st lien notes due 2021 | \$270,000 | \$270,000 |
| Principal amount: senior secured revolver, $10.0 \%$ secured notes due 2022 and $10.5 \%$ secured notes due 2024 | \$865,000 | \$865,000 |
| Principal amount: $13.5 \%$ senior unsecured notes due 2026, 5.0\% senior unsecured notes due 2040 and senior unsecured term loan credit facility due 2027 | \$383,000 | \$383,000 |

## Land Positions by Geographic Segment

| Segment | July 31, 2019 |  | Optioned Lots | Total Lots |
| :---: | :---: | :---: | :---: | :---: |
|  | Excluding M othballed Lots | M othballed Lots |  |  |
| Northeast | 590 | 6 | 3,388 | 3,984 |
| Mid-Atlantic | 1,948 | 280 | 2,899 | 5,127 |
| Midwest | 1,123 | 127 | 2,455 | 3,705 |
| Southeast | 1,769 | 0 | 3,064 | 4,833 |
| Southwest | 2,434 | 0 | 4,357 | 6,791 |
| West | 1,474 | 2,177 | 1,730 | 5,381 |
| Consolidated Total | 9,338 | 2,590 | 17,893 | 29,821 |


| Unconsolidated Joint Ventures | 1,712 | - | 2,746 | 4,458 |
| :--- | :---: | :---: | :---: | :---: |
| Grand Total | 11,050 | 2,590 | 20,639 | 34,279 |

- Option deposits as of July 31, 2019 were $\$ 72$ million
- $\$ 26$ million invested in pre-development expenses as of July 31, 2019

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

## Hovnanian Enterprises, Inc.

July 31, 2019
Reconciliation of (loss) before income taxes excluding land-related charges, joint venture write-downs and loss on extinguishment of debt to (loss) income before income taxes
(In thousands)

|  | Three M onths Ended |  | Nine M onths Ended |  |
| :---: | :---: | :---: | :---: | :---: |
|  | July 31, |  | July 31, |  |
|  | 2019 | 2018 | 2019 | 2018 |
|  | (Unaudited) |  | (Unaudited) |  |
| (Loss) income before income taxes | \$ $(7,064)$ | \$78 | \$ $(39,082)$ | \$ $(39,971)$ |
| Inventory impairment loss and land option write-offs | 1,435 | 96 | 3,601 | 3,183 |
| Unconsolidated joint venture investment write-downs | 854 | - | 854 | 660 |
| Loss on extinguishment of debt | - | 4,266 | - | 5,706 |
| (Loss) income before income taxes excluding land-related charges, joint venture write-downs and loss on extinguishment of debt (1) | \$(4,775) | \$4,440 | \$(34,627) | \$(30,422) |

(1) (LOss) income before income taxes excluding land-related charges, joint venture write-downs and loss on extinguishment of debt is a non-GAAP financial measure. The most directly comparable GAAP financial measure is (loss) income before income taxes.

## Reconciliation of Gross Margin

| Hovnanian Enterprises, Inc. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| July 31, 2019 |  |  |  |  |
| Gross margin |  |  |  |  |
| (In thousands) |  |  |  |  |
|  | Homebuild | argin | Homebuildi | M argin |
|  | Three M onths Ended |  | Nine M |  |
|  | July 31, |  | July 31, |  |
|  | 2019 | 2018 | 2019 | 2018 |
|  | (Unaudited) |  | (Unaudited) |  |
| Sale of homes | \$467,849 | \$442,859 | \$1,257,536 | \$1,312,553 |
| Cost of sales, excluding interest expense and land charges (1) | 381,906 | 361,303 | 1,034,953 | 1,076,132 |
| Homebuilding gross margin, before cost of sales interest expense and land charges (2) | 85,943 | 81,556 | 222,583 | 236,421 |
| Cost of sales interest expense, excluding land sales interest expense | 18,824 | 13,424 | 42,964 | 41,025 |
| Homebuilding gross margin, after cost of sales interest expense, before land charges (2) | 67,119 | 68,132 | 179,619 | 195,396 |
| Land charges | 1,435 | 96 | 3,601 | 3,183 |
| Homebuilding gross margin | \$65,684 | \$68,036 | \$176,018 | \$192,213 |
|  |  |  |  |  |
| Gross margin percentage | 14.0\% | 15.4\% | 14.0\% | 14.6\% |
| Gross margin percentage, before cost of sales interest expense and land charges (2) | 18.4\% | 18.4\% | 17.7\% | 18.0\% |
| Gross margin percentage, after cost of sales interest expense, before land charges (2) | 14.3\% | 15.4\% | 14.3\% | 14.9\% |
|  |  |  |  |  |
|  | Land Sales Gross M argin |  | Land Sales Gross M argin |  |
|  | Three M onths Ended |  | Nine M onths Ended |  |
|  | July 31, |  | July 31, |  |
|  | 2019 | 2018 | 2019 | 2018 |
|  | (Unaudited) |  | (Unaudited) |  |
| Land and lot sales | \$542 | \$- | \$8,050 | \$20,505 |
| Land and lot cost of sales, excluding interest and land charges (1) | 33 | - | 7,390 | 7,710 |
| Land and lot sales gross margin, excluding interest and land charges | 509 | - | 660 | 12,795 |
| Land and lot sales interest | 205 | - | 205 | 4,055 |
| Land and lot sales gross margin, including interest and excluding land charges | \$304 | \$- | \$455 | \$8,740 |

(1) 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.
(2) Homebuilding gross margin, before cost of sales interest expense and land charges, and homebuilding gross margin 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 margin and homebuilding gross margin percentage, respectively.

## Reconciliation of Inventory Turnover

| Hovnanian Enterprises, Inc. |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| July 31, 2019 |  |  |  |  |  |  |
| Calculation of Inventory Turnover ${ }^{(1)}$ |  |  |  |  |  |  |
|  |  |  |  |  |  | TTM |
|  |  | For the quarter ended |  |  |  | ended |
| (Dollars in thousands) |  | 10/31/2018 | 1/31/2019 | 4/30/2019 | 7/31/2019 | 7/31/2019 |
| Cost of sales, excluding interest |  | \$482,713 | \$304,927 | \$355,477 | \$381,939 | \$1,525,056 |
|  | As of |  |  |  |  |  |
|  | 7/31/2018 | 10/31/2018 | 1/31/2019 | 4/30/2019 | 7/31/2019 |  |
| Total inventories | \$1,109,043 | \$1,078,165 | \$1,178,373 | \$1,268,058 | \$1,354,918 | Five |
| Consolidated inventory not owned | 96,989 | 87,921 | 112,618 | 154,435 | 179,642 | Quarter |
| Capitalized interest | 67,510 | 68,117 | 74,455 | 79,277 | 77,997 | Average |
| Inventories less consolidated inventory not owned and capitalized interest | \$944,544 | \$922,127 | \$991,300 | \$1,034,346 | \$1,097,279 | \$997,919 |
| Inventory turnover |  |  |  |  |  | 1.5 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]:    7/31/2015 10/31/2015 1/31/2016 4/30/2016 7/31/2016 10/31/2016 1/31/2017 4/30/2017 7/31/2017 10/31/2017 1/31/2018 4/30/2018 7/31/2018 10/31/2018 1/31/2019 4/30/2019 7/31/2019

