

# Annual Green Bond Use of Proceeds Report for the period ending December 31, 2021

3.062% \$500 Million, Series 4 Senior Debentures due 2027 and

2.194% \$500 Million, Series 6 Senior Debentures due 2028



#### **INTRODUCTION**

On April 20, 2020 Granite Real Estate Investment Trust and Granite REIT Inc. (collectively "Granite REIT") completed its Green Bond Framework<sup>1</sup> (the "Framework") under which Granite REIT or any of its subsidiaries may issue green bonds to finance or re-finance Eligible Green Projects as defined by the Framework. On June 2, 2020, Granite REIT Holdings Limited Partnership, with an unconditional guarantee by Granite REIT (collectively "Granite"), issued its inaugural green bond, 3.062% \$500 million Series 4 Senior Debentures due 2027 (the "2027 Debentures"). Subsequently, on August 30, 2021, Granite issued its second green bond, 2.194% \$500 million Series 6 Senior Debentures due 2028 (the "2028 Debentures" and collectively with the 2027 Debentures, the "Green Bonds").

Granite obtained an independent second party opinion<sup>2</sup> from Sustainalytics, a global leader in providing environmental, social and governance ("ESG") research and analysis, on its Framework, indicating alignment with the International Capital Markets Association Green Bond Principles 2018. Sustainalytics has also completed the annual review of this report.

Pursuant to the Framework, Granite committed to publishing an annual use of proceeds report until the net proceeds of each of the Green Bonds have been fully allocated.

#### **ABOUNT GRANITE**

Granite is a Canadian-based REIT engaged in the acquisition, development, ownership and management of logistics, warehouse and industrial properties in North America and Europe. As at March 9, 2022, Granite owns 134 investment properties in five countries representing approximately 55.9 million square feet of leasable area.

<sup>&</sup>lt;sup>1</sup> Granite's Green Bond Framework complies with the Green Bond Principles developed by the International Capital Markets Association as of June 2018 and is available on Granite's website: <a href="https://granitereit.com/wp-content/uploads/2020/05/Granite-Green-Bond-Framework.pdf">https://granitereit.com/wp-content/uploads/2020/05/Granite-Green-Bond-Framework.pdf</a>

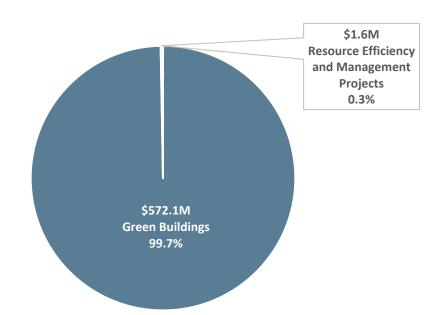
<sup>&</sup>lt;sup>2</sup> Sustainalytics second party opinion was issued April 2020 and is available on Granite's website: <a href="https://granitereit.com/wp-content/uploads/2020/05/Granite-REIT-Green-Bond-Framework-Second-Party.pdf">https://granitereit.com/wp-content/uploads/2020/05/Granite-REIT-Green-Bond-Framework-Second-Party.pdf</a>

#### USE OF PROCEEDS SUMMARY AND MANAGEMENT'S ASSERTION

The net proceeds from the 2027 Debentures total \$496.9 million representing gross proceeds of \$500 million less \$3.1 million of transaction costs.

The net proceeds from the 2028 Debentures total \$497.3 million representing gross proceeds of \$500 million less \$2.7 million of transaction costs.

Granite's executive management is responsible for the completeness, accuracy and validity of this Green Bond Use of Proceeds report. Granite management asserts that as at December 31, 2021, Granite has allocated a total of \$573.7 million of net Green Bond proceeds to Eligible Green Projects representing 100% and 15% of the net proceeds of the 2027 Debentures and 2028 Debentures, respectively. 99.7% of total net Green Bond proceeds have been allocated to Green Buildings with the remaining 0.3% of the net Green Bond proceeds having been allocated to Resource Efficiency and Management projects.



\$573.7 MILLION ALLOCATED TO ELIGIBLE GREEN PROJECTS

The tables below summarize the allocated amounts from the net proceeds of the 2027 Debentures and 2028 Debentures, per Eligible Green Project.



# Use of Net Proceeds of the 2027 Debentures

| Eligible<br>Green<br>Project<br>Category per<br>Framework | Certification<br>Rating <sup>3</sup><br>(Achieved or<br>Pursuing) | Eligible Investment   | Location                       | Date<br>Completed<br>/Estimated<br>Completion<br>Date         | Allocated<br>Net<br>Proceeds<br>(C\$ million) |
|---|---|---|--------------------------------|---|---|
| Green<br>Buildings  | LEED Silver<br>(Achieved)   | Acquisition of a Green Building located at 3501 North Lancaster Hutchins Road.  | Lancaster,<br>Texas,<br>USA    | March 1, 2019   | 106.1   |
| Green<br>Buildings  | BREEAM<br>"Excellent"<br>(Achieved)                               | Acquisition of a Green Building located at Oude Graaf 15.   | Weert,<br>Netherlands          | May 1, 2020   | 31.9  |
| Green<br>Buildings  | Two Green<br>Globes<br>(Achieved)                                 | Completed development of<br>a Green Building at<br>1201 Allpoints Court.  | Plainfield,<br>Indiana,<br>USA | June 15, 2020   | 34.1  |
| Green<br>Buildings  | BREEAM<br>"Very Good"<br>(Achieved)                               | Acquisition of a Green Building located at Francis Baconstraat 4.   | Ede,<br>Netherlands            | July 1, 2020  | 21.4  |
| Green<br>Buildings  | BREEAM<br>"Excellent"<br>(Achieved)                               | Acquisition and subsequent expansion of a Green Building located at De Kroonstraat 1 and De Poosthoornstraat 2 (expansion). | Tilburg,<br>Netherlands        | July 1, 2020<br>and<br>December 18,<br>2020<br>(expansion)    | 83.8  |
| Green<br>Buildings  | BREEAM<br>"Very Good"<br>(Achieved)                               | Acquisition and subsequent development of a Green Building located at Aquamarijnweg 2.                                      | Bleiswijk,<br>Netherlands      | March 13,<br>2020 and<br>September 1,<br>2020<br>(completion) | 66.2  |
| Green<br>Buildings  | LEED Silver<br>(Achieved)   | Acquisition of a Green<br>Building located at<br>1243 Gregory Drive   | Antioch,<br>Illinois,<br>USA   | September<br>2021   | 56.5  |
| Green<br>Buildings  | DGNB Gold<br>(Pursuing)   | <b>Development in progress</b> of<br>a Green Building at<br>Im Ghai 36  | Altbach,<br>Germany            | Certification<br>expected Q2<br>2022                          | 39.7  |
| Green<br>Buildings  | Two Green<br>Globes<br>(Pursuing)                                 | <b>Development in progress</b> of<br>a two Green Buildings at<br>6710/6702 Purple Sage Road                                 | Houston,<br>Texas,<br>USA      | Certification<br>expected Q2<br>2023                          | 45.0  |
| Green<br>Buildings  | Two Green<br>Globes<br>(Pursuing)                                 | <b>Development in progress</b> of<br>a Green Building at<br>5005 Parker Henderson Road                                      | Fort Worth,<br>Texas,<br>USA   | Certification<br>expected Q3<br>2022                          | 10.6<br>(partial<br>allocation)               |

<sup>3</sup> See "Certification Rating Organizations" section for additional information on green building certifications.



# Use of Net Proceeds of the 3.062% \$500 Million Green Bond (continued)

| Eligible<br>Green<br>Project<br>Category per<br>Framework | Certification<br>Rating <sup>3</sup><br>(Achieved or<br>Pursuing) | Eligible Investment                             | Location                   | Date<br>Completed | Allocated<br>Net<br>Proceeds<br>(C\$ million) |
|---|---|---|----------------------------|-------------------|---|
| Resource<br>Efficiency<br>and<br>Management               | N/A   | <b>LED lighting</b> retrofits at six properties | Various,<br>Canada,<br>USA | 2018- 2021        | 1.6   |
| Total Net Proceeds Allocated                              |   |   |                            |                   | \$496.9                                       |
| Portion of Net Proceeds Allocated                         |   |   | 100%                       |                   |   |



# Use of Net Proceeds of the 2028 Debentures

| Eligible<br>Green<br>Project<br>Category per<br>Framework | Certification<br>Rating <sup>4</sup><br>(Achieved or<br>Pursuing) | Eligible Investment   | Location                           | Date<br>Completed<br>/Estimated<br>Completion<br>Date | Allocated<br>Net<br>Proceeds<br>(C\$ million) |
|---|---|---|------------------------------------|---|---|
| Green<br>Buildings  | Two Green<br>Globes<br>(Pursuing)                                 | <b>Development in progress</b> of<br>a Green Building at<br>5005 Parker Henderson Road            | Fort Worth,<br>Texas,<br>USA       | Certification<br>expected Q3<br>2022                  | 20.9<br>(partial<br>allocation)               |
| Green<br>Buildings  | Two Green<br>Globes<br>(Pursuing)                                 | <b>Development in progress</b> of<br>a Green Building at<br>2120 Logistics Way                    | Murfreesboro,<br>Tennessee,<br>USA | Certification<br>expected Q4<br>2022                  | 35.1  |
| Green<br>Buildings  | Two Green<br>Globes<br>(Pursuing)                                 | Development in progress of<br>three Green Buildings at<br>150 Business Park Drive,<br>Highway 109 | Lebanon,<br>Tennessee,<br>USA      | Certification<br>expected Q1<br>2023                  | 11.6  |
| Green<br>Buildings  | Two Green<br>Globes<br>(Pursuing)                                 | <b>Expansion in progress</b> of a building at 2095 Logistics Drive                                | Mississauga,<br>Ontario,<br>Canada | Certification<br>expected Q3<br>2022                  | 9.2   |
| Total Net Proceeds Allocated                              |   |   |                                    |   | \$76.8  |
| Unallocated Net Proceeds                                  |   |   |                                    |   | 420.5   |
|   | eeds of Green B   |   |                                    |   | \$497.3                                       |
| Portion of Net  | Proceeds Alloca   | ated  |                                    |   | 15.4%   |

<sup>&</sup>lt;sup>4</sup> See "Certification Rating Organizations" section for additional information on green building certifications.



#### **Certification Rating Organizations**

**LEED** – Leadership in Energy Environmental Design ("LEED") is a voluntary, third-party building certification process developed by the U.S. Green Building Council ("USGBC"), a non-profit organization. The USGBC developed the LEED certification process to (i) evaluate the environmental performance from a whole-building perspective over a building's life cycle, (ii) provide a definitive standard for what constitutes a "green building," (iii) enhance environmental awareness among architects and building contractors, and (iv) encourage the design and construction of energy-efficient, water-conserving buildings that use sustainable or green resources and materials. Please see www.usgbc.org for more information.

**BREEAM** – Building Research Establishment Environmental Assessment Method ("BREEAM") is a global assessment method for masterplanning projects, infrastructure and buildings. BREEAM provides third party certification of the assessment of an asset's environmental, social and economic sustainability performance, using standards developed by BRE, a division of the BRE Group, headquartered in the United Kingdom.

**Green Globes** – Green Globes is a U.S. based recognized green rating assessment, guidance and certification program developed by the Green Building Initiative ("GBI"), a non-profit organization and American National Standards Institute Accredited Standards Developer dedicated to improving building performance and reducing climate impacts.

**DGNB** – refers to the certification system developed by the German Sustainable Building Council that is based on the three central sustainability areas of ecology, economy and sociocultural issues.

#### **Project Evaluation and Selection**

Granite has appointed a Green Bond Working Committee (the "Committee") consisting of members from its real estate, sustainability, legal and finance functions. The Committee identifies projects that satisfy the Eligible Green Projects criteria set forth in the Framework. All identified Eligible Investments included in this report have been approved by Granite's executive management.

#### **External Review**

This report has been reviewed by Sustainalytics, on whether:

- 1. The Eligible Investments meet the criteria for Eligible Green Projects outlined in the Framework
- 2. The estimated environmental impact of each Eligible Investment meets the recommendations of the Harmonized Framework for Impact Reporting, as issued by the International Capital Markets Association, December 20, 2020.

Sustainalytics' limited assurance report can be found in **Appendix A**, appended to this report.



# 3501 NORTH LANCASTER HUTCHINS ROAD, LANCASTER, TEXAS, USA

| 144.6 kWh/m <sup>2</sup>                | Annual energy intensity                              |                       |  |
|---|--|-----------------------|--|
| 39.7%                                   | Annual energy use reduction <sup>1</sup>             | 50.7%                 | Annual water use reduction <sup>2,3</sup>                            |
| 56 kg CO <sub>2</sub> eq/m <sup>2</sup> | Annual greenhouse gas emission intensity             | 82.3%                 | Proportion of construction waste diverted from landfill <sup>4</sup> |
| 678 tonnes CO <sub>2</sub> eq or 39.9%  | Annual greenhouse gas emissions avoided <sup>2</sup> | 18,243 m <sup>2</sup> | Building area certified as<br>LEED Silver                            |



SILVER



- 1. Calculated vs. baseline using ASHRAE 90.1 methodology
- 2. Compared to baseline
- 3. Design water consumption from flush and flow fixtures, excluding process water and irrigation
- ${\bf 4.}~{\bf Based~on~total~amount~of~construction~waste~generated~that~was~minimized,~reused,~or~recycled\\$



# 1201 ALLPOINTS COURT, PLAINFIELD, INDIANA, USA

| 69.5 kWh/m <sup>2</sup>                   | Annual energy intensity                              |                       |  |
|---|--|-----------------------|--|
| 34%                                       | Annual energy use reduction <sup>1</sup>             | 26.9%                 | Annual water use reduction <sup>2,3</sup>                            |
| 15.4 kg CO <sub>2</sub> eq/m <sup>2</sup> | Annual greenhouse gas emission intensity             | n/a                   | Proportion of construction waste diverted from landfill <sup>4</sup> |
| 376 tonnes CO <sub>2</sub> eq or 34%      | Annual greenhouse gas emissions avoided <sup>2</sup> | 47,470 m <sup>2</sup> | Building area certified as Two<br>Green Globes                       |





- 1. The site had an Energy Star Design Score of 84, which translates to 68 points in Green Globes scoring for item 3.3.1.1.1.1, which is equivalent to a 34% energy reduction vs. baseline using ASHRAE 90.1, per Green Globes scoring
- 2. Compared to baseline
- 3. Design water consumption from flush and flow fixtures, excluding process water and irrigation
- 4. Data was not available to report on this indicator



# **OUDE GRAF 15, WEERT, NETHERLANDS**

| 29.7 kWh/m <sup>2</sup>                   | Annual energy intensity                              | 73.6%                 | Proportion of on-site renewable energy <sup>2</sup>                  |
|---|--|-----------------------|--|
| 100%                                      | Annual energy use reduction <sup>1</sup>             | n/a                   | Annual water use reduction <sup>3</sup>                              |
| -0.9 kg CO <sub>2</sub> eq/m <sup>2</sup> | Annual greenhouse gas emission intensity             | 93%                   | Proportion of construction waste diverted from landfill <sup>4</sup> |
| 100%                                      | Annual greenhouse gas emissions avoided <sup>1</sup> | 22,126 m <sup>2</sup> | Building area certified as<br>BREEAM Excellent                       |





- 1. Based on building related energy, in comparison with local baseline
- 2. Proportion of base building energy usage that is generated through rooftop solar PV array
- 3. Data was not available to report on this indicator
- 4. Based on total amount of construction waste generated that was minimized, reused, or recycled



# FRANCIS BACONSTRAAT 4, EDE, NETHERLANDS

| 31.5 kWh/m <sup>2</sup>                    | Annual energy intensity                              | 12.6%     | Proportion of on-site renewable energy <sup>2</sup>                  |
|--|--|-----------|--|
| 11.5%                                      | Annual energy use reduction <sup>1</sup>             | 24.8%     | Annual water use reduction <sup>1</sup>                              |
| 14.81 kg CO <sub>2</sub> eq/m <sup>2</sup> | Annual greenhouse gas emission intensity             | 91%       | Proportion of construction waste diverted from landfill <sup>4</sup> |
| n/a  | Annual greenhouse gas emissions avoided <sup>3</sup> | 11,479 m² | Building area certified as<br>BREEAM Very Good                       |





- 1. In comparison with local baseline
- 2. Proportion of energy usage that is generated through rooftop solar PV array
- 3. Data was not available to report on this indicator
- 4. Based on total amount of construction waste generated that was minimized, reused, or recycled



# DE KROONSTRAAT 1 AND DE POOSTHOORNSTRAAT 2, TILBURG, NETHERLANDS

| 34.0 kWh/m <sup>2</sup>                    | Annual energy intensity <sup>1</sup>                   | 73.8%                 | Proportion of on-site renewable energy <sup>1,3</sup>                  |
|--|--|-----------------------|--|
| 100%                                       | Annual energy use reduction <sup>1,2</sup>             | 39.9%                 | Annual water use reduction <sup>1,2</sup>                              |
| -0.95 kg CO <sub>2</sub> eq/m <sup>2</sup> | Annual greenhouse gas emission intensity <sup>1</sup>  | 89%                   | Proportion of construction waste diverted from landfill <sup>1,4</sup> |
| 100%                                       | Annual greenhouse gas emissions avoided <sup>1,2</sup> | 45,242 m <sup>2</sup> | Building area certified as<br>BREEAM Excellent <sup>1</sup>            |





- 1. Based on combined data for Phase 1 and Phase 2 of constructed building
- 2. In comparison with local baseline
- 3. Proportion of energy usage that is generated through rooftop solar PV array
- $4. \hspace{0.5cm} \textbf{Based on total amount of construction waste generated that was minimized, reused, or recycled} \\$



# **AQUAMARIJNWEG 2, BLEISWIJK, NETHERLANDS**

| 81.11 kWh/m <sup>2</sup>                   | Annual energy intensity <sup>1</sup>                                    | 5.9%                  | Proportion of on-site renewable energy <sup>3</sup>                        |
|--|---|-----------------------|--|
| 20%  | Annual energy use reduction <sup>2</sup>                                | 50%                   | Annual water use reduction <sup>4,5</sup>                                  |
| 17.91 kg CO <sub>2</sub> eq/m <sup>2</sup> | Annual greenhouse gas emission intensity <sup>1</sup>                   | 91.3%                 | Proportion of construction<br>waste diverted from<br>landfill <sup>6</sup> |
| 62.7%                                      | Reduction in environmental impacts from building materials <sup>7</sup> | 22,319 m <sup>2</sup> | Building area certified as<br>BREEAM Very Good                             |





- 1. Based on office and meeting areas of building (2,324.7 m<sup>2</sup>)
- 2. In comparison with local building code
- 3. Proportion of base building electricity usage that is generated through rooftop solar PV array
- 4. Design water consumption from flush and flow fixtures, excluding process water and irrigation
- 5. In comparison with baseline
- 6. Based on total amount of construction waste generated that was minimized, reused, or recycled
- 7. Environmental impacts over the entire lifecycle of all materials used in the construction of the building were calculated using a national environmental database and expressed as shadow costs. The materials used in the construction of this building had "shadow costs" of 0.28 €/m², compared to a reference value for a standard building of 0.75 €/m²



# 1243 GREGORY DRIVE, ANTIOCH, ILLINOIS, USA

| 57.2 kWh/m <sup>2</sup>                    | Annual energy intensity                              |                       |  |
|--|--|-----------------------|--|
| 28.2%                                      | Annual energy use reduction <sup>1</sup>             | 30.4%                 | Annual water use reduction <sup>2,3</sup>                            |
| 11.61 kg CO <sub>2</sub> eq/m <sup>2</sup> | Annual greenhouse gas emission intensity             | 84.1%                 | Proportion of construction waste diverted from landfill <sup>4</sup> |
| 192.05 tonnes CO <sub>2</sub> eq           | Annual greenhouse gas emissions avoided <sup>2</sup> | 42,204 m <sup>2</sup> | Building area certified as LEED Silver                               |



SILVER



- 1. Calculated vs. baseline using ASHRAE 90.1 methodology
- 2. Compared to baseline
- 3. Design water consumption from flush and flow fixtures, excluding process water and irrigation
- 4. Based on total amount of construction waste generated that was minimized, reused, or recycled



## **RESOURCE EFFICIENCY AND MANAGEMENT PROJECTS**

| Property Address                                   | Project Description                     | Annual Energy<br>Savings <sup>1</sup> | Annual reduction of greenhouse gas emissions <sup>2</sup> |
|--|---|---------------------------------------|---|
| 39600 Lewis Drive,<br>Novi, MI                     | LED lighting upgrade of exterior lights | 66.54 MWh<br>or 65%                   | 41.6 tonnes CO <sub>2</sub> eq                            |
| 535 Gateway Blvd.,<br>Monroe, OH                   | LED lighting upgrades <sup>3</sup>      | 1,345.59 MWh or<br>55%                | 926 tonnes CO <sub>2</sub> eq                             |
| 101 Clyde Alexander<br>Lane, Pooler, GA            | LED lighting upgrade                    | 427.98 MWh<br>or 53%                  | 210 tonnes CO <sub>2</sub> eq                             |
| 201 Sunridge Blvd,<br>Wilmer, TX                   | LED lighting upgrade                    | 2,401.15 MWh<br>or 73%                | 1,306 tonnes CO <sub>2</sub> eq                           |
| 600 Tesma Way,<br>Concord, ON                      | LED lighting upgrades <sup>3</sup>      | 312.04 MWh<br>or 57%                  | 9.4 tonnes CO <sub>2</sub> eq                             |
| 6201 Green Pointe<br>Drive South,<br>Groveport, OH | LED lighting upgrades                   | 287.53 MWh<br>or 37%                  | 194.4 tonnes CO₂ eq                                       |

- 1. Based on assumed number of hours of usage and compared against energy usage from previously existing system.
- 2. Carbon intensity for electricity supply obtained from following sources:
  - a. Michigan electricity profile 2019 (https://eia.gov/electricity/state/Michigan)
  - b. Ohio electricity profile 2019 & 2020 (https://eia.gov/electricity/state/Ohio)
  - c. Georgia electricity profile 2019 (<u>https://eia.gov/electricity/state/Georgia</u>)
  - d. Texas electricity profile 2019 (https://eia.gov/electricity/state/Texas)
  - e. Ontario Power Generation Climate Change 2020 Report (https://www.opg.com/documents/opg-climate-change-plan-2020/)
- 3. Combined data for the two LED lighting retrofits completed at this property

## **APPENDIX A**



# **Granite REIT**

Type of Engagement: Annual Review

**Date**: February 22, 2022 **Engagement Team**:

Hrithik Sharma, hrithik.sharma@sustainalytics.com, (+1) 647 951 3309

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#### Introduction

In June 2020, Granite REIT Holdings Limited Partnership<sup>1</sup>, with an unconditional guarantee by Granite Real Estate Investment Trust and Granite REIT Inc. (collectively, "Granite") issued its inaugural CAD 500 million senior unsecured debentures (the "2027 Debentures"). Subsequently, Granite issued CAD 500 million senior unsecured debentures in August 2021 (the "2028 Debentures", and collectively with the 2027 Debentures, the "Green Bonds"). The Green Bonds have financed projects<sup>2</sup> from two of the six categories listed in the Framework, namely – Green Buildings and Resource Efficiency & Management. In April 2020, Sustainalytics provided a Second-Party Opinion<sup>3</sup> on the Granite REIT Green Bond Framework (the "Framework"). In February 2022, Granite engaged Sustainalytics to review the projects funded through the Green Bonds and provide an assessment as to whether the projects met the Use of Proceeds criteria and the Reporting commitments outlined in the Framework.

As of December 31, 2021, Granite allocated a total of CAD 496.9 million of net proceeds to 11 green buildings and six energy efficiency projects through the 2027 Debenture issuance and CAD 76.8 million to six green building projects through the 2028 Debenture issuance.

#### **Evaluation Criteria**

Sustainalytics evaluated the projects funded by the Green Bonds based on whether the selected projects:

- 1. Met the Use of Proceeds and Eligibility Criteria outlined in the Framework; and
- Reported on at least one of the Key Performance Indicators (KPIs) for each Use of Proceeds criteria outlined in the Framework.

Table 1 lists the Use of Proceeds, Eligibility Criteria, and associated KPIs.

Table 1: Use of Proceeds, Eligibility Criteria, and associated KPIs

| Use of<br>Proceeds | Eligibility Criteria   | Key performance indicators (KPIs)      |
|--------------------|--|--|
| Green<br>Buildings | Investments related to the purchase, development, re-development or improvement of logistics, e-commerce, warehouse and industrial properties that have received or are expected to receive at least one of the following green building certifications (or other equivalent green certification): | Level of green building certifications |
|                    | - LEED: Silver, Gold, Platinum - DGNB: Silver, Gold, Platinum - BREEAM: Very Good, Excellent, Outstanding - Green Globes: Two, Three, Four  Buildings with LEED Silver, DGNB Silver or Two Green Globes certifications will also be  |  |

<sup>&</sup>lt;sup>1</sup> Granite REIT Holdings Limited Partnership is a wholly owned subsidiary of Granite Real Estate Investment Trust.

<sup>&</sup>lt;sup>2</sup> As of December 31, 2021.

<sup>&</sup>lt;sup>3</sup> Sustainalytics' Second-Party Opinion on the Framework is available at: <a href="https://mstar-sustops-cdn-mainwebsite-s3.s3.amazonaws.com/docs/default-source/spos/granite-reit-green-bond-framework-second-party-opinion.pdf?sfvrsn=8c767ae\_3</a>

<sup>&</sup>lt;sup>4</sup>The Granite Green Bond Framework is available at: https://granitereit.com/wp-content/uploads/2020/05/Granite-Green-Bond-Framework.pdf



|                                      | confirmed to have been designed to achieve a 20 to 30% energy efficiency improvement.   |   |  |  |
|--------------------------------------|---|---|--|--|
| Resource and<br>Energy<br>Efficiency | Investments that improve energy or water efficiency greater than 15%, or make other environmentally beneficial improvements to properties or land including, but not limited to, investments in:  | Annual greenhouse gas emissions reduced /avoided  |  |  |
|                                      | <ul> <li>LED and other energy efficient lighting</li> <li>Cool roof and other sustainability-oriented construction materials</li> <li>Smart meters</li> <li>Energy storage</li> <li>Xeriscaping/drought-tolerant landscaping</li> <li>Sustainable drainage systems</li> <li>Water and energy-saving technologies and materials</li> </ul> |   |  |  |
| Clean<br>Transportation              | Investments in infrastructure to accommodate electric vehicles or other clean transportation.   | Annual greenhouse gas emissions reduced /avoided  |  |  |
| Renewable<br>Energy                  | Investments aimed at providing renewable energy including, but not limited to, wind, solar or geothermal. Geothermal projects are expected to result in direct emissions <100 grams of CO <sub>2</sub> /kWh.  | Annual energy saved or renewable energy generated |  |  |
| Pollution Prevention & Control       | Remediation of contaminated soil and other construction waste diversion.  | Annual greenhouse gas emissions reduced/avoided   |  |  |
| Biodiversity<br>and<br>Conservation  | Tree planting and ecological restoration to preserve biodiversity and native ecosystems.  | Natural capital value (i.e. trees planted)        |  |  |

#### Issuing Entity's Responsibility

Granite is responsible for providing accurate information and documentation relating to the details of the projects that have been funded, including description of projects, amounts allocated, and project impact.

## **Independence and Quality Control**

Sustainalytics, a leading provider of ESG and corporate governance research and ratings to investors, conducted the verification of Granite's Green Bond Use of Proceeds. The work undertaken as part of this engagement included collection of documentation from Granite employees and review of documentation to confirm the conformance with the Framework.

Sustainalytics has relied on the information and the facts presented by Granite with respect to the financed Projects. Sustainalytics is not responsible, nor shall it be held liable if any of the opinions, findings, or conclusions it has set forth herein are not correct due to incorrect or incomplete data provided by Granite.

Sustainalytics made all efforts to ensure the highest quality and rigor during its assessment process and enlisted its Sustainability Bonds Review Committee to provide oversight over the assessment of the review.

#### Conclusion

Based on the limited assurance procedures conducted,<sup>5</sup> nothing has come to Sustainalytics' attention that causes us to believe that, in all material respects, the reviewed bond projects, funded through proceeds of the

<sup>&</sup>lt;sup>5</sup> Sustainalytics limited assurance process includes reviewing the documentation relating to the details of the projects that have been funded, including description of projects, estimated and realized costs of projects, and project impact, which were provided by the Issuer. The Issuer is responsible for providing accurate information. Sustainalytics has not conducted on-site visits to projects.



Green Bonds, are not in conformance with the Use of Proceeds and Reporting criteria outlined in the Framework. Granite has disclosed to Sustainalytics that 100% of the proceeds from the 2027 Debentures and 15.4% of the proceeds from the 2028 Debentures have been allocated, as of December 31, 2021.

# **Detailed Findings**

**Table 2: Detailed Findings** 

| Eligibility<br>Criteria        | Procedure Performed  | Factual Findings   | Error or<br>Exceptions<br>Identified |
|--------------------------------|--|--|--------------------------------------|
| Use of<br>Proceeds<br>Criteria | Verification of the projects funded by the Green Bonds to determine if projects aligned with the Use of Proceeds Criteria outlined in the Framework and above in Table 1.  | All projects reviewed complied with the Use of Proceeds criteria.                | None                                 |
| Reporting<br>Criteria          | Verification of the projects funded by the Green Bonds to determine if impact of projects was reported in line with the KPIs outlined in the Framework and above in Table 1. For a list of reported KPIs reported, please refer to Appendices 1 and 2. | All projects reviewed reported on at least one KPI per Use of Proceeds criteria. | None                                 |



# **Appendices**

## Appendix 1: Impact and Allocation Reporting for the 2027 Debentures<sup>6</sup>

| Use of<br>Proceeds<br>Category | Financed Projects<br>Reported by<br>Eligibility Criteria   | Environmental Impact Reported by Eligibility Criteria (For buildings that have already achieved a specified level of green building certificate) |                                       |  |  |  | Allocated<br>Amount<br>(CAD -  |   |       |
|--------------------------------|--|--|---------------------------------------|--|--|--|--|---|-------|
|                                |  | Certification <sup>7,8</sup>   | Building<br>area<br>certified<br>(m²) | Annual<br>energy<br>intensity <sup>9</sup><br>(kWh/m²) | Annual<br>energy use<br>reduction <sup>10</sup><br>(%) | Annual<br>GHG<br>emission<br>avoided <sup>11</sup><br>(tonnes<br>CO <sub>2</sub> or %) | Proportion<br>of on-site<br>renewable<br>energy <sup>12</sup><br>(%) | Annual water use reduction compared to baseline <sup>13</sup> (%) | _ Mn) |
| Green<br>Buildings             | Acquisition of an<br>existing green<br>building located at<br>3501 North<br>Lancaster Hutchins<br>Road, US     | LEED Silver<br>(Achieved)  | 18,243                                | 144.6  | 39.7   | 678  | NA   | 50.7  | 106.1 |
|                                | Acquisition of a<br>green building<br>located at Oude<br>Graaf 15,<br>Netherlands                              | BREEAM<br>Excellent<br>(Achieved)  | 22,126                                | 29.7   | 100  | 100%   | 73.6   | NA <sup>14</sup>  | 31.9  |
|                                | Completed<br>development of a<br>new green building<br>at 1201 Allpoints<br>Court, US                          | Two Green<br>Globes<br>(Achieved)  | 47,470                                | 69.5   | 34   | 376  | NA   | 26.9  | 34.1  |
|                                | Acquisition of a<br>green building<br>located at Francis<br>Baconstraat 4,<br>Netherlands                      | BREEAM Very<br>Good<br>(Achieved)  | 11,479                                | 31.5   | 11.5   | NA   | 12.6   | 24.8  | 21.4  |
|                                | Acquisition and subsequent expansion of a green building located at De Kroonstraat 1 and De Poosthoornstraat 2 | BREEAM<br>Excellent<br>(Achieved)  | 45,242                                | 34   | 100  | 100%   | 73.8   | 39.9  | 83.8  |

<sup>&</sup>lt;sup>6</sup> As of December 31, 2021.

<sup>&</sup>lt;sup>7</sup> For some projects, only parts of a building are certified green.

<sup>&</sup>lt;sup>8</sup> Granite has confirmed that all existing and new LEED Silver and Two Green Globes buildings are (being) designed to achieve at least 20% energy efficiency improvement (or performance) over respective baselines.

<sup>&</sup>lt;sup>9</sup> For some projects, only parts of a building are considered for measuring energy use intensity.

<sup>&</sup>lt;sup>10</sup> For Green Building projects, the baselines for respective projects are mentioned in Granite's Annual Green Bond Use of Proceeds Report (ending December 31, 2021).

<sup>11</sup> Ibid.

 $<sup>^{12}</sup>$  Proportion of base building energy usage that is generated through rooftop solar PV array.

<sup>&</sup>lt;sup>13</sup> Granite has communicated that estimations for some of the projects include design water consumption from flush and flow fixtures and exclude process water and irrigation.

<sup>&</sup>lt;sup>14</sup> Data was not available to report on this indicator.



|   | (expansion),<br>Netherlands   |                                   |        |       |      |                    |                |      |      |
|---|---|-----------------------------------|--------|-------|------|--------------------|----------------|------|------|
|   | Acquisition and subsequent development of a green building located at Aquamarijnweg 2, Netherlands                                | BREEAM Very<br>Good<br>(Achieved) | 22,319 | 81.11 | 20   | 62.7 <sup>15</sup> | 5.9            | 50   | 66.2 |
|   | Acquisition of an<br>existing green<br>building located at<br>1243 Gregory Drive,<br>US   | LEED Silver<br>(Achieved)         | 42,204 | 57.2  | 28.2 | 192.05             | NA             | 30.4 | 56.5 |
|   | Development in<br>progress of a green<br>building at Im Ghai<br>36, Germany   | DGNB Gold<br>(Pursuing)           |        |       |      |                    |                |      |      |
|   | Development in progress of two new green buildings at 6710/6702 Purple Sage Road, US  Two Green Globes (Pursuing)  Not applicable |                                   |        |       |      |                    | 45.0           |      |      |
|   | Development in progress of a new green building at 5005 Parker Henderson Road, US   |                                   |        |       |      |                    | 10.6           |      |      |
|   | LED lighting<br>upgrade of exterior<br>lights at 39600<br>Lewis Drive, Novi,<br>MI  |                                   |        |       | 65   | 41.6               |                |      |      |
| Resource<br>and<br>Energy<br>Efficiency | LED lighting<br>upgrades at 535<br>Gateway Blvd.,<br>Monroe, OH   | Not applicable                    |        |       | 55   | 926                | Not applicable |      |      |
|   | LED lighting<br>upgrade at 101<br>Clyde Alexander<br>Lane, Pooler, GA   |                                   |        |       | 53   | 210                |                |      | 1.6  |
|   | LED lighting<br>upgrade at 201<br>Sunridge Blvd,<br>Wilmer, TX  |                                   |        |       | 73   | 1,306              |                |      |      |
|   | LED lighting<br>upgrades at 600<br>Tesma Way,<br>Concord, ON  |                                   |        |       | 57   | 9.4                |                |      |      |

<sup>15</sup> Reduction in environmental impacts from building materials. The estimation methodology is disclosed in Granite's Annual Green Bond Use of Proceeds Report (ending December 31, 2021).



|                                      | LED lighting upgrades at 6201 Green Pointe Drive South, Groveport, OH | 37 | 194.4 |  |       |
|--------------------------------------|---|----|-------|--|-------|
| Allocated proceeds (CAD - Mn)        |   |    |       |  |       |
| Net proceed                          | ls raised from the issuance (CAD – Mn)                                |    |       |  | 496.9 |
| Unallocated                          | proceeds (CAD - Mn)   |    |       |  | 0     |
| Percentage of net proceeds allocated |   |    |       |  | 100%  |



# Appendix 2: Impact and Allocation reporting for the 2028 Debentures<sup>16</sup>

| Use of<br>Proceeds<br>Category                   | Financed Projects Reported by<br>Eligibility Criteria  | Certification <sup>17,18</sup>          | Allocated<br>Amount<br>(CAD - Mn) |  |
|--|--|---|-----------------------------------|--|
| Green<br>Buildings                               | Development in progress of a new<br>green building at 5005 Parker<br>Henderson Road, US                | 5005 Parker Two Green Globes (Pursuing) |                                   |  |
|  | Development in progress of a new green building at 2120 Logistics Way, US                              | Two Green Globes (Pursuing)             | 35.1                              |  |
|  | Development in progress of three new<br>green buildings at 150 Business Park<br>Drive, Highway 109, US | Two Green Globes (Pursuing)             | 11.6                              |  |
|  | Expansion in progress of a building at 2095 Logistics Drive, Canada                                    | Two Green Globes (Pursuing)             | 9.2                               |  |
| Allocated proceeds (CAD - Mn)                    |  |   |                                   |  |
| Net proceeds raised from the issuance (CAD - Mn) |  |   |                                   |  |
| Unallocated proceeds (CAD - Mn)                  |  |   |                                   |  |
| Percentage of net proceeds allocated             |  |   |                                   |  |

<sup>&</sup>lt;sup>16</sup> As of December 31, 2021.

<sup>&</sup>lt;sup>17</sup> For some projects only parts of a building are certified green. The total floor area included for each project is indicated in Granite's Green Bond Report. <sup>18</sup> Granite has confirmed that all Two Green Globes buildings/expansions are being designed to achieve at least 20% energy efficiency performance over respective baselines.



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