GRANITE REAL ESTATE INVESTMENT TRUST AUDIT COMMITTEE CHARTER

As of February 28, 2024

I. Purpose and Scope

The audit committee (the "Committee") of Granite Real Estate Investment Trust (the "Trust") is a committee of the Board of Trustees (the "Board"). The Committee shall oversee the accounting and financial reporting processes of the Trust, the audits of the Trust's financial statements, and the Trust's risk management procedures, and shall otherwise exercise the responsibilities and duties set out in this Charter.

II. Membership

1. Number of Members

The Committee shall be composed of three or more members of the Board.

2. Audit Committees Commitment Limit

No member of the Committee shall serve on the audit committees of more than two other public companies, excluding Granite REIT Inc., unless the Board determines that such simultaneous service would not impair the ability of such member to effectively serve on the Committee and discloses such determination in the Company's management proxy circular.

3. Independence

Each member of the Committee must be independent in accordance with applicable law and the applicable rules and regulations of the Canadian Securities Administrators, the United States Securities and Exchange Commission, the New York Stock Exchange and any other regulator or authority having jurisdiction over the Trust from time to time (the "Applicable Requirements").

4. Financial Literacy

Each member of the Committee shall be financially literate and shall have such accounting or financial management expertise as is required to comply with the Applicable Requirements.

5. Term

The members of the Committee shall be appointed annually by the Board. Each member of the Committee shall serve at the pleasure of the Board until the member resigns, is removed or ceases to be a member of the Board.

6. Chair

The members of the Committee shall elect a Chair of the Committee from among their number, after receiving recommendations from the Compensation, Governance and Nominating Committee.

III. Duties and Responsibilities

The Committee shall have the functions and responsibilities set out below as well as any other functions that are specifically delegated to the Committee by the Board and that the Board is authorized to delegate by applicable laws and regulations. In addition to these functions and responsibilities, the Committee shall perform the duties required of an audit committee by any Applicable Requirements.

1. Financial Reports

(a) General

The Committee is responsible for overseeing the Trust's financial statements and financial disclosures. Management is responsible for the preparation, presentation and integrity of the Trust's financial statements and financial disclosures and for the appropriateness of the accounting principles and the reporting policies used by the Trust. The auditors are responsible for auditing the Trust's annual consolidated financial statements and for reviewing the Trust's unaudited interim financial statements.

(b) Review of Annual Financial Reports

The Committee shall review the annual audited combined financial statements of the Trust and Granite REIT Inc., the external auditor's report thereon and the related management's discussion and analysis of financial condition and results of operation ("MD&A"). After completing its review, if advisable, the Committee shall recommend for Board approval such annual financial statements and the related MD&A.

(c) Review of Interim Financial Reports

The Committee shall review the interim combined financial statements of the Trust and Granite REIT Inc., the external auditor's review report thereon and the related MD&A. After completing its review, if advisable, the Committee shall recommend for Board approval such interim financial statements and the related MD&A.

(d) Financial Statement Review Considerations

In conducting its review of the annual financial statements or the interim financial statements, the Committee shall:

- (i) meet with management and the external auditor to discuss the financial statements and MD&A;
- (ii) review the disclosures in the financial statements;
- (iii) review the audit report or review report, if any, prepared by the external auditor,
- (iv) discuss with management, the auditors and internal legal counsel, as requested, any litigation claim or other contingency that could have a material effect on the financial statements:

- (v) regularly review the critical accounting policies followed and critical accounting and other significant estimates and judgements underlying the financial statements as presented by management;
- (vi) consider the effect of significant accounting policies in controversial or emerging areas for which there is a lack of authoritative guidance or consensus;
- (vii) review management's process for formulating significant accounting estimates and the reasonableness of these estimates;
- (viii) review significant recorded and unrecorded audit adjustments;
- (ix) review any material effects of regulatory accounting initiatives or off-balance sheet structures on the financial statements as presented by management, including requirements relating to complex or unusual transactions, significant changes to accounting principles and alternative treatments under applicable accounting principles;
- (x) review any material changes in accounting policies and any significant changes in accounting practices and their impact on the financial statements as presented by management;
- (xi) inquire at least annually of management, the accounting group and the auditors as to whether either has any concerns relative to the quality or aggressiveness of management's accounting policies;
- (xii) review with the auditors alternative accounting treatments that have been discussed with management;
- (xiii) review with management any emerging accounting and auditing issues, and their potential effects;
- (xiv) review with management matters that may have a material effect on the financial statements:
- (xv) review management's report on the effectiveness of internal controls over financial reporting;
- (xvi) review the factors identified by management as factors that may affect future financial results;
- (xvii) review responses received under the Trust's Whistleblower Policy (as defined below); and
- (xviii)review any other matters related to the Trust's financial statements that are brought forward by the auditors or management or which are required to be communicated to the Committee under accounting policies, auditing standards or Applicable Requirements.

(e) Review of Other Financial Disclosures

The Committee shall review and, if advisable, recommend for Board approval press releases disclosing, or based upon, financial results of the Trust, an annual information form and any other previously undisclosed material financial disclosure in a document that is publicly disseminated and if requested by the Board, financial disclosure in a prospectus or other securities offering document of the Trust.

(f) Review of Forward-Looking Information

The Committee shall review and, if requested by the Board, recommend for Board approval any material future-oriented financial information or financial outlook, not derived from approved budgets or forecasts, and endeavour to ensure that there is a reasonable basis for drawing any conclusions or making any forecasts and projections set out in such disclosures.

2. Auditors

(a) General

The Committee shall be responsible for oversight of the work of the auditors, including the external auditor's work in preparing or issuing an audit report, performing other audit, review or attest services or any other related work. The external auditor will report directly to the Committee. When a change of auditors is proposed, the Committee shall review all issues related to the change, including the information required to be disclosed by applicable legal requirements and the planned steps for an orderly transition.

(b) Nomination and Compensation

The Committee shall review and, if advisable, select and recommend for Board approval the external auditor to be nominated and the compensation of such external auditor. The Committee shall have ultimate authority to approve the audit engagement terms, including the external auditor's audit plan.

(c) Resolution of Disagreements

The Committee shall assess the effectiveness of the working relationship of the Trust's external auditors with management and resolve any disagreements between management and the external auditors as to financial reporting matters brought to its attention.

The Committee shall review all reportable events, including disagreements, unresolved issues and consultations with the auditors, whether or not there is to be a change of auditors, and receive and review all reports prepared by the auditors.

(d) Discussions with External Auditor

The Committee shall periodically discuss with the external auditor such matters as are required by applicable auditing standards to be discussed by the external auditor with the Committee.

(e) Audit Plan

The Committee shall periodically review a summary of the external auditor's annual audit plan. The Committee shall consider and review with the external auditor any material changes to the scope of the plan.

(f) Independence of External Auditor

Before the external auditor issues its report on the annual financial statements, the Committee shall obtain from the external auditor a formal written statement describing all relationships between the external auditor and the Trust; discuss with the external auditor any disclosed relationships or services that may affect the objectivity and independence of the external auditor; and obtain written confirmation from the external auditor that it is objective and independent within the meaning of the applicable Rules of Professional Conduct/Code of Ethics adopted by the provincial institute or order of chartered accountants to which the external auditor belongs and other Applicable Requirements. The Committee shall take appropriate action to oversee the independence of the external auditor.

(g) Evaluation of Lead Partner

The Committee shall periodically review the qualifications and performance of the lead partner(s) of the external auditor.

(h) Requirement for Pre-Approval of Non-Audit Services

The Committee shall approve in advance any permissible non-audit services to be performed by the auditors for the Trust or its subsidiary entities that it deems advisable in accordance with Applicable Requirements and Board approved policies and procedures, and adopt and implement policies for such pre-approval. The Committee shall have ultimate authority to approve all fees and compensation for non-audit services performed by the auditors of the Trust. The Committee shall consider the impact of such services and fees on the independence of the auditor. The Committee may delegate pre-approval authority to any member of the Committee. The decisions of any member of the Committee to whom this authority has been delegated must be presented to the full Committee at its next scheduled Committee meeting.

(i) Approval of Hiring Policies

The Committee shall review and approve the Trust's hiring policies regarding partners, employees and former partners and employees of the present and former external auditors of the Trust and the Committee shall be responsible for specified reporting and pre-approval functions thereunder.

3. Internal Controls

(a) General

The Committee shall review the Trust's system of internal controls.

(b) Establishment, Review and Approval

The Committee shall require management to implement and maintain appropriate systems of internal controls in accordance with Applicable Requirements, including internal controls over financial reporting and disclosure, and shall review, evaluate and approve these procedures. The Committee shall periodically consider and review with management and the auditors:

- (i) the effectiveness of, or weaknesses or deficiencies in: the design or operation of the Trust's internal controls (including computerized information system controls and security); the overall control environment for managing business risks; and accounting, financial and disclosure controls (including, without limitation, controls over financial reporting), non-financial controls, and legal and regulatory controls and the impact of any identified weaknesses in internal controls on management's conclusions;
- (ii) any significant changes in internal controls over financial reporting that are disclosed, or considered for disclosure, including those in the Trust's periodic regulatory filings;
- (iii) any material issues raised by any inquiry or investigation by regulators;
- (iv) the Trust's fraud prevention and detection program, including deficiencies in internal controls that may impact the integrity of financial information, or may expose the Trust to other significant internal or external fraud losses and the extent of those losses and any disciplinary action in respect of fraudtaken against management or other employees who have a significant role in financial reporting; and
- (v) any related significant issues and recommendations of the auditors together with management's responses thereto, including the timetable for implementation of recommendations to correct weaknesses in internal controls over financial reporting and disclosure controls.

4. Internal Audit Function

The Committee shall periodically review and approve the internal audit function, including its plan, budget and resources. The Committee shall direct management to make changes it deems advisable in respect of the internal audit function.

5. Whistleblower Reporting Procedures

The Committee shall establish procedures (the "Whistleblower Policy") for (a) the receipt, retention, and treatment of complaints received by the Trust regarding accounting, internal

accounting controls or auditing matters; and (b) the confidential, anonymous submission by employees of concerns regarding questionable accounting or auditing matters. The Whistleblower Policy shall also be available for reports of breaches of the Code of Conduct and Ethics. Any such complaints or concerns that are received shall be submitted to the Chair of the Committee and, if the Chair of the Committee determines that the matter requires further investigation, it will engage outside advisors, as necessary or appropriate, to investigate the matter and will work with management to reach a satisfactory conclusion. The Chair of the Committee shall report periodically to the Committee on any complaints or concerns that are received and the Committee shall review investigations and any resolutions of complaints received and report to the Board thereon. The Committee shall be responsible for approving exceptions to the Whistleblower Policy.

6. Risk Management

The Committee shall be responsible for overseeing the identification and assessment of the principal risks to the operations of the Trust, including without limitation, climate-related risks and the establishment and management of appropriate systems to manage such risks with a view to achieving a proper balance between risks incurred and potential return to holders of securities of the Trust and to the long-term viability of the Trust. In this regard, the Committee shall require management to report periodically to the Committee, and the Committee shall report periodically to the Board, on the principal risks faced by the Trust and the steps implemented by management to manage these risks.

7. Compliance with Legal and Regulatory Requirements

The Committee shall review reports from management members on: legal or compliance matters that may have a material impact on the Trust; the effectiveness of the Trust's compliance policies; and any material communications received from regulators. The Committee shall review management's evaluation of and representations relating to compliance with specific applicable law and guidance, and management's plans to remediate any deficiencies identified. The Committee shall be responsible for granting waivers to the Code of Conduct and Ethics of the Trust and Granite REIT Inc.

8. Conflicts of Interest and Related Party Transactions

The Committee shall review the Trust's policies relating to the avoidance of conflicts of interest and monitor conflicts of interest (real or perceived) of members of the Board and the board of directors of Granite REIT Inc. and management in accordance with the Code of Conduct and Ethics. The Committee will review and approve all payments to be made pursuant to any related party transactions involving executive officers and members of the Board and the board of directors of Granite REIT Inc., as may be necessary or desirable under the Applicable Requirements. The Committee shall consider the results of any review of these policies and procedures by the Trust's external auditors.

9. Audit Committee Disclosure

The Committee shall prepare, review and recommend for Board approval any audit committee disclosures required by Applicable Requirements in the Trust's disclosure documents.

10. Financial Executives

The Committee shall review and discuss with management the appointment of key financial executives and recommend qualified candidates to the Board, as appropriate.

11. Charter Review

The Committee shall review and assess the adequacy of this Charter from time to time, as required, to ensure compliance with Applicable Requirements and recommend to the Board for its approval any modifications to this Charter as are considered appropriate.

12. Expenses

The Chair of the Committee shall review and approve, as required, the expenses of the President and CEO and the Chairman of the Board.

IV. Meetings

1. Procedure

The time and place of the meetings of the Committee, the calling of meetings of the Committee and the procedure at such meetings in all respects shall be determined by the Committee; provided, however, that a majority of the members of the Committee shall constitute a quorum.

2. Reporting to the Board

The Chair shall provide a report to the Board on material matters considered by the Committee.

3. In Camera Sessions

The Committee shall hold meetings, or portions of meetings, at which management and non-independent trustees are not present. The Committee shall also periodically meet separately with management, the internal auditors and the external auditors.

V. Delegation

The Committee may, to the extent permissible by Applicable Requirements, designate a sub-committee to review any matter within this Charter as the Committee deems appropriate.

VI. Outside Advisors

The Committee shall have the authority to seek, retain and terminate external legal counsel, consultants or other advisors, from a source independent of management, to assist it in fulfilling its responsibilities and to set and pay the respective compensation for these advisors and other retention terms. The Trust shall provide appropriate funding, as determined by the Committee, for the services of these advisors.