

Engineering Scope for Van Wezel Performing Art Center: The proposed scope of the Van Wezel Performance Art Center in Sarasota, Florida, entails a comprehensive review of several critical areas:

- a. **FEMA Requirements:** The priority is ensuring compliance with FEMA regulations due to the Center's location within a flood zone. The building is in a flood zone and subject to FEMA requirements. The review of the building's condition and compliance with FEMA requirements will include the following:
 - i. **Initial Evaluation:** The team will conduct an in-depth analysis of the building's flood resistance measures. This will involve studying any documentation about prior flood events, including water levels, damage reports, and recovery efforts. Predictive flooding simulations may also assess how the building withstands future flooding scenarios. An on-site assessment will also be carried out to inspect the physical condition of the building and identify any weaknesses or vulnerabilities to flooding.
 - ii. **FEMA Compliance Verification:** This step involves thoroughly examining FEMA's flood zone management regulations and verifying the building's compliance with these rules. This includes checking zoning, subdivision, or building requirements that aim to reduce flood damage. A review of FEMA documentation and confirming current site-specific conditions, such as the local flood zone characteristics and weather patterns, will be critical.
 - iii. **Wind Analysis:** Given the prevalence of hurricanes in Florida, ensuring the structure can withstand high winds is crucial. The team will thoroughly evaluate the building's exterior (windows, doors, roof, etc.) to identify any vulnerabilities. A structural integrity check will also be performed to assess how the building's overall structure could stand up to hurricane-force winds.
 - iv. **Flood Risk Mitigation Plan:** The team will develop a flood risk mitigation plan based on initial evaluation and compliance verification findings. This plan will include recommended modifications or improvements to enhance the building's flood resistance. This could involve changes to the building's design, structural reinforcements, or the addition of flood prevention measures such as flood barriers or water pumps.
 - v. **Safety Feature Review:** All safety features within the building will be examined for compliance with FEMA guidelines. This includes emergency exits, fire suppression systems, and evacuation plans. The goal is to ensure that the building's occupants can safely exit during a flood and minimize the risk of secondary hazards, like fire.
 - vi. **50% Threshold Consideration:** FEMA regulations stipulate that the entire building must meet current FEMA standards if renovations or repairs exceed 50% of a building's value. This assessment will involve determining the potential costs of necessary renovations and comparing these with the building's value. The aim is to find the most cost-effective options for upgrading the building's resilience while complying with FEMA standards.
 - vii. **100-Year Flood Resilience:** In light of changing weather patterns and more intense weather events, the engineering study will explore solutions to enhance the building's resilience for a 100-year flood event. This scenario represents a flood level with a 1% chance of occurring any given year. Solutions may involve structural alterations, landscape modifications, or integration of advanced flood protection systems.

- viii. In conclusion, each stage of this FEMA-focused scope will involve in-depth analysis, testing, and planning to ensure the Van Wezel Performing Art Center is flood-resistant. The goal is not only to meet FEMA's requirements but to ensure the safety and longevity of the building and those who use it.
- b. **Florida Building Code:** Component will ensure the Van Wezel Performance Art Center building complies with the current Florida Building Code and City ordinances:
- i. **Identifying Non-compliance:** This initial step involves a detailed assessment of the entire building to identify areas that do not comply with the current Florida Building Code and local ordinances. The evaluation will cover all areas of the building, including but not limited to the structure, utilities, safety features, and accessibility. It will consider any changes made to the code since the last compliance check and any changes made to the building itself. The aim is to ensure the facility is fully up to date and in compliance with all necessary regulations.
 - ii. **Verifying Building Modifications:** If any modifications have been made to the building since the last compliance check, these will need to be reviewed in detail. The team will ensure that these modifications comply with the Florida Building Code and are in line with FEMA requirements. This includes reviewing plans, permits, and inspection reports associated with the modifications and physically inspecting the modifications themselves.
 - iii. **Detailed Inspection Regime:** This step involves a comprehensive inspection of all aspects of the building. Certified professionals will inspect the building's structure, elevator system, roofing, electrical installations, plumbing, fire safety features, and any potential mold or moisture issues. These areas will be checked for compliance with the Florida Building Code and any related local ordinances. This inspection will also look for any potential issues that may not be currently causing a problem but could lead to non-compliance or safety hazards. The items inspection shall include the following, but it is not limited to the items below:
 1. **Building Inspection:** A licensed and certified inspector must conduct a building inspection. The inspection will evaluate the building's structural integrity, electrical, plumbing, HVAC, and fire safety systems.
 2. **Elevator Inspection:** A licensed and certified inspector must conduct an elevator inspection. The inspection will evaluate the elevator's safety features, operation, and maintenance.
 3. **Roof Inspection:** A licensed and certified inspector must conduct a roof inspection. The inspection will evaluate the roof's condition, including any leaks, damage, or deterioration.
 4. **Electrical Inspection:** A licensed and certified inspector must conduct an electrical inspection. The inspection will evaluate the electrical systems, including wiring, outlets, and panels, to ensure they are up to code and safe.
 5. **Plumbing Inspection:** A plumbing inspection is required to be conducted by a licensed and certified inspector. The inspection will evaluate the plumbing systems, including pipes, fixtures, and drains, to ensure they are up to code and functioning properly.
 6. **Fire Safety Inspection:** The fire and Life Safety Engineer shall conduct an overall inspection of the building and must conduct a fire safety inspection.

The inspection will evaluate the building's fire safety systems, including alarms, sprinklers, and extinguishers, to ensure they are up to code and functioning properly.

7. Mold and Moisture Inspection: A licensed and certified inspector must inspect mold and moisture. The engineering scope to do mold and moisture inspection of a performance art center would involve the following steps:
 - a. Define the scope of the inspection: Identify the areas of the performance art center that will be inspected, the types of materials that will be inspected, and the specific mold and moisture issues that will be evaluated.
 - b. Identify the inspection methods: There are several methods for mold and moisture inspection, including visual inspection, moisture meters, thermal imaging, and air sampling. The engineering scope should identify the most appropriate method for the specific application.
 - c. Review the building plans and history: The engineering scope should review the building plans and history to identify any potential moisture-related issues, such as leaks, flooding, or water damage.
 - d. Conduct a visual inspection: The engineering scope should conduct a visual inspection of the performance art center to identify any visible signs of mold or moisture damage, such as discoloration, staining, or musty odors.
 - e. Conduct moisture testing: The engineering scope should conduct moisture testing to identify areas of the performance art center with elevated moisture levels. This may involve using moisture meters or thermal imaging to identify areas of moisture intrusion.
 - f. Conduct air sampling: The engineering scope should conduct air sampling to identify any mold spores or other airborne contaminants that may be present in the performance art center.
 - g. Analyze the results: The engineering scope should analyze the inspection results to determine the extent of mold or moisture damage, potential causes, and recommended remediation measures.
 - h. Make recommendations: Based on the inspection findings, the engineering scope should recommend remediation measures, such as repairing leaks, improving ventilation, or removing mold-contaminated materials. These recommendations should be based on industry best practices and the specific needs of the performance art center.
- iv. Comprehensive Report: Based on the findings of the identification, verification, and inspection steps, a comprehensive report will be produced. This report will summarize all positive and negative findings and include detailed recommendations for repairs or upgrades. These recommendations will prioritize

safety and code compliance, ensuring that the Van Wezel Performing Art Center remains a safe, welcoming, and legally compliant facility for all users.

- v. In conclusion, this aspect of the engineering scope ensures that the building complies with all relevant state and local regulations. The team will thoroughly inspect all aspects of the building and make recommendations for any necessary changes. By ensuring compliance with the Florida Building Code, the team can ensure that the building is as safe, functional, and sustainable as possible.
- c. **Structural Analysis:** A thorough analysis of the Van Wezel Performance Art Center building's structural integrity will be conducted involves an in-depth evaluation of the building's physical integrity and will be conducted in the following stages:
- i. **On-site Inspection:** This step involves physically examining the structure. Engineers will examine the building's foundation, walls, supports, and roofing for signs of stress, wear, or damage. Both the interior and exterior of the building will be scrutinized with a particular emphasis on identifying potential issues that could compromise the building's structural integrity. In addition, a review of the building's existing structural system will be conducted, considering the structural integrity, electrical and mechanical systems, plumbing, and other critical components, to provide a detailed understanding of the building's current condition and any areas needing attention or reinforcement.
 - ii. **Non-Destructive Testing (NDT):** NDT techniques allow the team to gather important data about the structure's condition without causing any damage. The team will utilize visual inspection, magnetic particle testing, ultrasonic testing, and radiographic testing to gather important data about the structure's condition without causing any damage. These methods will help detect internal defects, changes in material properties within the structure, voids, cracks in the foundation, and issues like water infiltration, which might lead to structural damage over time. The inspection of load-bearing walls and primary structural systems will also be included in this phase to determine the general structural condition of the building and any necessary maintenance, repair, or replacement of any structural component.
 - iii. **Comprehensive Plan:** A comprehensive plan will be developed to address any identified structural deficiencies upon completing these assessments. This plan will outline recommended interventions, repairs, or reinforcements to ensure structural integrity and include potential reinforcements or replacements for damaged or deteriorated elements. The plan will be aligned with the requirements of the Florida Building Code and FEMA codes, and any recommended interventions will be prioritized based on their urgency and impact on the building's overall structural integrity.
 - iv. In conclusion, the structural analysis component of the scope is essential to ensure the long-term safety and stability of the Van Wezel Performance Art Center. The team will use a combination of visual inspections and advanced testing techniques to gain a complete understanding of the building's condition and will develop a comprehensive plan to address any deficiencies identified. This thorough approach ensures the Center remains safe and secure for all its users while maintaining compliance with relevant regulatory codes.

- d. **Building Maintenance:** The assessment will involve the development of a strategic plan for the regular care and preservation of the Van Wezel Performance Art Center.
- i. **Maintenance Plan Development:** A comprehensive maintenance plan outlining routine and preventive tasks will be developed. Routine tasks could include regularly cleaning HVAC units, inspecting the roof for damage after major weather events, and checking plumbing for leaks. On the other hand, preventive measures are proactive steps to prevent deterioration or failure, such as applying the sealant to the building exterior to prevent water damage or scheduling regular servicing of elevators and other equipment. The plan will also include strategies for handling unexpected repairs, which are crucial for ensuring rapid response to issues as they arise.
 - ii. **Prioritization of Maintenance:** Given that resources may be limited, not all maintenance tasks can be performed simultaneously. Tasks will be prioritized based on urgency and impact on the building's functionality. For instance, a broken elevator in a multi-story building would take precedence over repainting a wall. This prioritization ensures that the most critical tasks are attended to first, helping to prevent further damage or disruption.
 - iii. **Regular Inspection Schedules:** Regular inspections are crucial for the timely detection and resolution of issues. The maintenance plan will outline a schedule for these inspections, specifying how often each part of the building should be checked and what to look for. Regular inspections can help detect minor issues before they become significant problems, saving time and money in the long run.
 - iv. **Detailed Report:** These maintenance activities will be compiled into a detailed report summarizing the building's maintenance needs and recommended activities. The report will serve as a blueprint for the building's ongoing care and can be updated over time as the building ages and its needs change. The report will also serve as a record, allowing the building managers to track maintenance activities and their long-term outcomes.
 - v. **In conclusion,** the building maintenance aspect of the engineering scope is vital to preserving the integrity and functionality of the Van Wezel Performance Art Center over the long term. Regular maintenance and timely repairs can significantly extend the lifespan of the building, prevent costly damage, and ensure a safe, comfortable environment for all users.
- e. **Functionality:** This component will focus on the performance-related features of the Van Wezel Performing Art Center, which are crucial to its primary purpose as a venue for various artistic performances.
- i. **Review of Current Functionality:** The first step will be a comprehensive review of the building's current functionality. This involves assessing how well the building can accommodate various performances - from solo recitals to full-scale orchestras or theatrical productions. The acoustic properties of the performance space will be carefully evaluated, as these significantly impact the quality of sound produced. Lighting systems, which are essential for creating the right mood and visibility during performances, will also be examined, as will the layout and size of the stage. Accessibility for performers, including the provision of dressing rooms and backstage facilities, will also be part of this review.

- ii. **Enhancement Plan:** The information gathered in the review will be used to develop a plan to enhance these features, if necessary. This could include recommendations for improvements to the acoustics, such as installing new sound-absorbing materials; upgrades to the lighting system, such as adding more versatile and energy-efficient lights; or changes to the stage layout to accommodate a wider range of performances. The enhancement plan will ensure that the building meets the evolving needs of performers, audiences, and staff.
- iii. **Theatrical Equipment Evaluation:** The functionality of the building is also closely linked to the condition and effectiveness of its theatrical equipment. As such, an evaluation of the current status of this equipment is essential. This includes sound and lighting equipment, stage machinery (like scenery flats, curtains, and rigging systems), props, and other relevant gear. If the evaluation reveals that this equipment is not performing optimally, recommendations will be made for its replacement or upgrade. A detailed assessment of the current condition of these tools is essential to maintain optimal performance standards. This involves assessing the current condition and functionality of existing theatrical equipment and systems.
 1. **Equipment Inspection and Testing:** The first step involves conducting a detailed inspection and testing of each piece of equipment. This includes lighting systems, sound systems, stage machineries such as lifts and traps, and other relevant gear like microphones, projectors, and rigging equipment.
 2. **The Rigging System Evaluation:** The study will analyze the structural and operational integrity of the rigging system, including manual and motorized pulleys, lines, counterweights, battens, and associated controls. Safety features, inspection and maintenance records, and comparison to industry standards and best practices will also be assessed. The study will estimate the remaining lifespan of the rigging system and recommend necessary upgrades or replacements.
 3. **Lighting System Evaluation:** This assessment will consider the condition and performance of stage lighting equipment such as spotlights, floodlights, LED fixtures, control consoles, dimmers, and cabling. An evaluation of the design for energy efficiency, flexibility, and safety will be conducted. The review will also cover maintenance records, compliance with current industry standards, and the remaining lifespan.
 4. **Sound System Evaluation:** The sound system, including microphones, loudspeakers, amplifiers, mixing consoles, signal processors, and associated cabling, will be reviewed for performance, reliability, and compliance with industry standards. A sound quality analysis in the theater space will be performed to ensure optimal acoustic results. Lifespan estimations and recommendations for maintenance or upgrades will be provided.
 5. **General Inspection:** This study will include a general inspection of the overall theater space for any hidden defects that might affect the theater's equipment or systems. Potential areas of concern include structural issues, electrical supply, ventilation, and climate control systems, which

may indirectly impact the performance or lifespan of the theatrical equipment.

6. **Lifespan Estimation:** Once the current condition and functionality of the equipment have been evaluated, an estimate of the remaining lifespan for each piece will be made. This will be based on the equipment's current condition, the frequency and intensity of its usage, and the manufacturer's guidelines to help inform future budgeting and replacement planning. This lifespan estimation is essential for future planning. It will help inform decisions about when each piece of equipment may need to be replaced and thus assist in budgeting for these future costs. It will also provide insight into whether it might be more cost-effective to upgrade certain pieces of equipment sooner rather than later, especially if newer models offer significant energy savings or other benefits.
 7. **Final Report:** Upon conclusion, a detailed report will be provided, outlining findings, remaining lifespan estimations, recommended maintenance schedules, and necessary upgrades or replacements. The report will offer a clear pathway to ensure optimal performance and safety of the theater's systems and equipment. Overall, this aspect of the engineering scope aims to ensure that all theatrical equipment at the Van Wezel Performance Art Center is in good working order and capable of supporting high-quality performances for years. Equipment, including lighting, sound systems, stage machinery, and any other relevant gear, will be inspected and tested to evaluate its condition and effectiveness.
- iv. By focusing on the performance-related features of the building, this part of the engineering scope seeks to ensure that the Van Wezel Performing Art Center continues to serve its purpose effectively and efficiently. It acknowledges the evolving needs of the performing arts and ensures that the Center is well-equipped to accommodate these changes. A comprehensive review of the building's current functionality will be undertaken, including its suitability for various performances, acoustics, lighting, and stage layout.
- f. **Access and ADA Requirements:** Ensuring the Van Wezel Performance Art Center is accessible to all users is critical to the assessment. It is a priority to meet or exceed the standards of the Americans with Disabilities Act (ADA), which mandates equal access for individuals with disabilities. Here are the detailed steps involved in this component:
 - i. **Review of Accessibility Features:** The initial step is an extensive review of the building's accessibility features. This process will assess the building's entrances, restrooms, seating areas, and other key facilities for their ease of use by individuals with varying disabilities. This will include assessing how easily a wheelchair user can enter and navigate the building, the usability of restroom facilities, and the availability and location of designated seating for people with mobility issues. Navigation aids such as tactile paving and braille or large-print signage will also be evaluated for people with vision impairments.
 - ii. **Review of City's ADA Transition Plan:** The next step will be to review the City's ADA Transition Plan. This plan is designed to ensure that all public facilities within the jurisdiction, including the Van Wezel Performance Art Center, are accessible to and usable by individuals with disabilities. This review will involve a comparison of

- the current status of the Center against the measures laid out in the transition plan, checking to ensure that the building's features align with those outlined in the plan.
- iii. Addressing Accessibility Issues: If any accessibility issues are identified during the review, a plan will be developed to address them. This could involve simple adjustments, such as repositioning handrails or adjusting door widths, or more significant changes, such as installing ramps or lifts or reconfiguring restroom facilities. All improvements will ensure that the building meets and exceeds ADA requirements, providing visitors with a comfortable and enjoyable experience.
 - iv. This comprehensive assessment of the building's accessibility will ensure that the Van Wezel Performance Art Center meets its legal and ethical responsibilities to provide a welcoming environment for all community members.
- g. Sustainability: With increasing awareness about the environmental impact of buildings, a critical aspect of the engineering scope for the Van Wezel Performance Art Center will be to assess its sustainability and provide recommendations for improvements.
- i. Energy Efficiency Evaluation: The first step involves conducting a detailed energy audit of the building. This assessment will focus on various aspects, including the building's insulation properties, heating and cooling systems, lighting systems, and water usage.
 - ii. The insulation assessment will look at the thermal properties of the building envelope - walls, roof, windows, doors - to determine how well it keeps heat in during the winter and out during the summer. This can greatly impact the energy required for heating and cooling the building.
 - iii. The heating and cooling systems will be evaluated to determine their energy efficiency and whether there are opportunities for improvement, such as upgrading to high-efficiency models or incorporating technologies like heat recovery ventilation.
 - iv. The lighting systems will be examined to assess the energy usage and potential for switching to more efficient options like LED lighting. This might also include evaluating the use of natural light to reduce the need for artificial lighting.
 - v. Water usage will be assessed, focusing on general usage and areas like restrooms, landscaping, and other facilities with significant water demand.
 - vi. Recommendations for Sustainable Practices and Upgrades: Based on the findings from the energy audit, a set of recommendations will be made to improve the building's sustainability. These could include various options, such as installing solar panels to generate renewable electricity, switching to energy-efficient appliances, implementing water-saving fixtures like low-flow toilets and faucets, or using rainwater collection systems for irrigation.
 - vii. Moreover, considering the building's specific use, specific recommendations could include using energy-efficient theatrical equipment, implementing a recycling program for sets and costumes, and using sustainable materials in renovations or additions.
 - viii. The objective is not just to reduce the environmental impact of the building but also to identify potential cost savings through reduced energy and water usage. The recommendations will consider the initial investment required, the expected

savings, and the payback period to help the Center make informed decisions about implementing these sustainability measures.

- h. Purple Ribbon Committee Progress Updates: The scope of work will be implemented in a phased approach to ensure that all deliverables meet the City's progress on this scope. The team is expected to maintain continuous communication and updates with the City during the project. The team must provide regular updates to the Purple Ribbon Committee. Effective and regular communication is paramount for the success of a project. The Van Wezel Performance Art Center, where the input of multiple stakeholders, including the City and the Purple Ribbon Committee, must be considered.
 - i. Regular Progress Updates: The team will commit to providing regular progress updates to the City and the Purple Ribbon Committee, a group dedicated to the future of the arts in Sarasota, which includes a review of the Van Wezel Performance Art Center. The form of these updates may vary from formal reports to meeting presentations, and they will be scheduled at agreed-upon intervals, such as weekly, monthly, or at significant project milestones.
 - ii. Each update will include a summary of the work done since the last update, a look ahead to the upcoming work, any challenges or issues encountered and their resolution (or proposed resolution), decisions made, and any changes to the overall project timeline or budget. The intent is to keep the City Staff, and Committee informed and involved throughout the project, ensuring transparency and maintaining their trust and support.
 - iii. Feedback and Adjustments: Equally important as providing updates is gathering feedback from the Committee. The project team will solicit input on their findings, recommendations, and decisions, providing a platform for discussion and ensuring that the City and Committee's insights and preferences are considered.
 - iv. By maintaining open lines of communication and actively seeking feedback from City and Committee, the project team can ensure that the project remains aligned with the Committee's expectations and the broader goals for the Van Wezel Performance Art Center. It also allows for flexibility in adjusting plans as necessary based on the input from the Committee, facilitating a collaborative approach to decision-making and problem-solving. This can help to avoid potential issues down the line and contribute to a more successful project outcome. Updates will be provided to the City and Purple Ribbon Committee, informing them of progress, challenges, and decisions throughout the project.
- i. **Cost Benefits Analysis:** the assessment will include a detailed financial assessment of all proposed modifications, upgrades, and improvements to the Van Wezel Performance Art Center. This will involve quantifying and comparing the costs and benefits of each proposed change to assist in decision-making and prioritizing expenditure.
 - i. Costs and Benefits Evaluation: A comprehensive evaluation will be conducted for each potential change to identify its associated costs and benefits. Costs include immediate expenses such as materials, labor, and long-term costs, including maintenance and potential future repairs. On the other hand, benefits may include improved functionality or resilience, enhanced safety, potential energy savings, and overall enhancement of the Center's value and appeal. This cost-benefit analysis will assist in understanding the value proposition of each proposed improvement and aid in making informed decisions.

- g. Access and ADA Requirements: Recommendations will be made to ensure the building is fully accessible and meets all ADA requirements. This might involve enhancing entrances, restrooms, seating arrangements, or navigation aids like signage.
 - h. Sustainability: Recommendations will be provided to reduce the building's environmental impact and enhance energy efficiency. This could include improved insulation, solar panels, energy-efficient lighting, appliances, or water-saving fixtures.
 - i. Communication with Purple Ribbon Committee and City Staff: A clear communication plan will be recommended, specifying how and when updates will be provided to the Committee and city staff. This will ensure that stakeholders are well-informed and able to provide continuous feedback.
 - j. Cost-Effectiveness: A comprehensive financial analysis will inform recommendations to maximize cost-effectiveness. These will be prioritized based on their expected return on investment and alignment with short and long-term strategies.
 - k. The recommendations will be delivered with proposed implementation timelines, factoring in priority levels, potential disruptions to the Center's operations, and required resources. Also, potential funding sources such as grants, partnerships, or fundraising opportunities will be identified to help finance the improvements. This comprehensive approach will ensure that the Van Wezel Performance Art Center remains a vibrant, safe, and accessible venue for years.
- III. Reporting: As the final step in this engineering assessment, a comprehensive report will be prepared, summarizing all findings, results of analyses, and recommendations. The report will present a clear, organized view of the current status of the Van Wezel Performance Art Center and propose actionable steps for its improvement. The report will cover the following aspects:
- a. FEMA Requirements: The report will detail the current compliance status of the Center with FEMA regulations, along with suggestions for achieving or maintaining compliance. This could include these measures' estimated costs and potential funding sources.
 - b. Florida Building Code: The findings regarding the building's compliance with the Florida Building Code will be detailed in the report. It will list areas of non-compliance and suggest necessary modifications, along with their cost implications and timelines.
 - c. Structural Analysis: The outcomes of the structural analysis will be reported, highlighting any identified deficiencies. Recommendations for addressing these and complying with the latest Florida Building and FEMA Code requirements will also be included.
 - d. Building Maintenance: The report will detail the current maintenance regime and its effectiveness. It will propose an optimized maintenance plan, including a schedule for routine and preventive tasks and strategies for unexpected repairs.
 - e. Functionality: The current functionality of the building in terms of performance, acoustics, lighting, and stage layout will be reported. Suggestions for enhancing these features will be included to meet the needs of performers, audiences, and staff more effectively.
 - f. Theatrical Equipment: The report will document the current status of the theatrical equipment, including its operational effectiveness and estimated lifespan. Recommendations for repairing, maintaining, or replacing equipment will be presented.
 - g. Access and ADA Requirements: The accessibility review findings will be summarized, detailing how well the building meets ADA requirements. A plan for addressing any identified issues will be proposed.

- h. Sustainability: The report will present the findings from evaluating the building's energy efficiency and environmental impact. It will recommend sustainable practices and upgrades that could be adopted, such as energy-efficient appliances or water-saving fixtures.
 - i. Communication with Purple Ribbon Committee and City Staff: The report will summarize the current communication practices with the Purple Ribbon Committee and city staff. It will recommend a plan for regular updates to these stakeholders, promoting continuous feedback and collaboration.
 - j. Cost-Effectiveness: The financial analysis results will be detailed, including the costs and benefits of each proposed change. The report will propose a prioritized list of improvements based on these analyses, ensuring spending is done effectively.
 - k. The report will also place special emphasis on items that are critical to public safety. Any identified risks or potential hazards will be highlighted, and immediate actions to address these will be recommended. This focus on safety will ensure that the well-being of the staff, performers, and visitors to the Van Wezel Performance Art Center is prioritized.
 - l. The report will be prepared with clarity and precision, ensuring it serves as a valuable tool for decision-makers. It will provide a clear roadmap for enhancing the Van Wezel Performance Art Center, considering its structural integrity, functionality, accessibility, and sustainability while maintaining cost-effectiveness and safety.
- IV. Project Completion: The final phase of the engineering scope involves the submission of a comprehensive report, which serves as a capstone to the project. This final report is a culmination of the assessment, analysis, and consultation conducted throughout the project. It will present the findings and outcomes in a clear, accessible format to guide the future course of action for the Van Wezel Performance Art Center. The final report will include the following:
- a. Assessment Process: This section will summarize the methods and approaches used throughout the assessment. It will cover inspecting and analyzing the building's structure, maintenance routines, functionality, accessibility, theatrical equipment, and sustainability practices. The assessment of FEMA requirements and the Florida Building Code will also be detailed. This gives a clear understanding of the scope and depth of the project and the bases for the recommendations made.
 - b. Findings: Here, the key discoveries from the project will be presented. This includes any non-compliance with FEMA and Florida Building Code requirements, structural deficiencies, maintenance issues, functional shortcomings, and gaps in accessibility or sustainability. The condition and effectiveness of the theatrical equipment will also be reported.
 - c. Recommendations: Based on the findings, this section will propose changes and improvements to address the identified issues. Recommendations will cover various aspects, from structural enhancements and maintenance optimization to functionality improvements, theatrical equipment upgrades, and measures for better accessibility and sustainability. Cost-effective solutions that align with FEMA regulations and the Florida Building Code will be prioritized.
 - d. Future Action Plans: This segment will provide a clear roadmap for implementing the recommended changes. It will suggest timelines for each task, considering short-term and long-term strategies. The action plan will be structured to facilitate easy progress tracking

and ensure that priority is given to the most critical tasks, particularly those related to public safety.

- e. Conclusion: A final summary will encapsulate the process, key findings, and proposed action steps. It will stress the importance of the recommended changes for the safety, functionality, and longevity of the Van Wezel Performance Art Center. By delivering this final report, the engineering project will provide a clear and actionable strategy for enhancing the Van Wezel Performance Art Center, ensuring it remains a safe, efficient, and effective venue for years.

The engineering scope for Van Wezel Performing Art Center is comprehensive and covers all critical areas that must be assessed to ensure the building's safety, functionality, and accessibility. The scope includes assessments of FEMA requirements, Florida Building Code compliance, structural analysis, building maintenance, functionality, access and ADA requirements, sustainability, Purple Ribbon Committee Progress Updates, and cost-benefit analysis. The recommendations should consider short-term and long-term strategies, potential funding sources, and implementation timelines. The scope should also provide a detailed plan for implementing the recommended course of action, including timelines, budgets, and other critical details. The final report should outline the assessment process, findings, recommendations, and future action plans. Overall, the engineering scope aims to preserve the building's character while ensuring its safety, functionality, and accessibility for performers, audiences, and staff.

Attachments to review:

- Van Wezel Site Plans
- Van Wezel Renovation Plans
- Van Wezel Plans Part 1
- Van Wezel Plans Part 2
- Van Wezel Engineering Report & Appendix FINAL Annotated
- Van Wezel ADA Transition Plan with Pictures
- 2021 Back Hall Moisture Testing
- List any other maintenance or inspection reports.