#### Landmarks Preservation Advisory Board

Case File Number: PLN17101

February 4, 2019

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Project Location:	10-10 <sup>th</sup> Street (Oakland Civic Auditorium)
Assessor's Parcel Numbers:	018 045000500
Proposal:	To rehabilitate the vacant Oakland Civic Auditorium that consists of interior and exterior building alterations, including site modifications to the walkways, landscaping and parking lot to facilitate new commercial uses and improve the historic entertainment venues.
Project Applicant/ Telephone:	Orton Development, Inc. (510) 428-0800
Property Owner:	City of Oakland
Case File Number:	PLN17101
Planning Permits Required:	Major Conditional Use Permit for Extensive Civic Impact; and Regular Design Review for site and building alterations.
General Plan: Specific Plan:	Central Business District Lake Merritt Station Area District
Zoning:	D-LM-4 Lake Merritt Station Area District Mixed Commercial
Environmental Determination:	Under Review
Property Historic Status:	OCHS A1+, Designated Historic Property API, Area of Primary Importance (Lake Merritt)
City Council District:	3
Project Status:	Project referred to the Design Review Committee, and requires final review by the Planning Commission.
Action to be Taken:	Receive public comments, provide recommendations to applicant and staff, and forward to Planning Commission.
For Further Information:	Contact Case Planner, Mike Rivera at (510) 238-6417, or by email at <u>mrivera@oaklandnet.com</u>

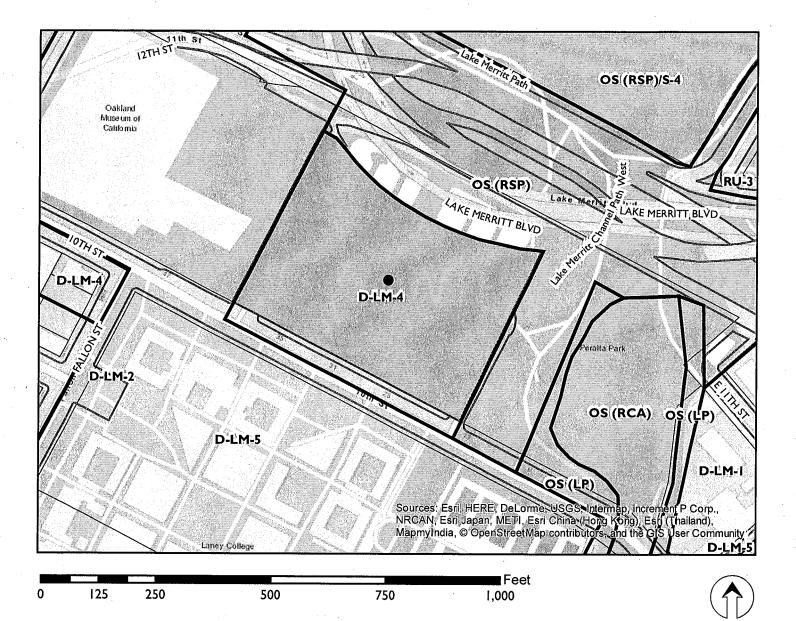
#### SUMMARY

The project applicant, Orton Development, Inc. proposes to rehabilitate the Oakland Civic Auditorium (OCA) which has been vacant for approximately 25 years. The proposal consists of interior and exterior building alterations, site modifications to the walkways, landscaping and parking lot to facilitate new commercial uses and improve the existing Calvin Simmons Theater, and former Coliseum Arena.

The property is accessible from Lake Merritt Boulevard and 10<sup>th</sup> Street. The site is located to the south of Lake Merritt and the Lake Merritt Amphitheater. The OCA is surrounded by a chain-link fence and is not accessible to the public, except for the surface parking lot that is currently used as an auto fee parking.

The proposal requires Landmarks Preservation Advisory Board (LPAB) review because the property is a City Landmark with an OCHS Rating of A1+. The OCA was built in 1915 and is located in a civic node, next to the Oakland Museum of California and Laney College. The project is also across from Lake Merritt and

## LANDMARKS PRESERVATION ADVISORY BOARD



Case File: PLN17101 Applicant: Nicholas Orton Address: 10 10th Street Zone: D-LM-4

adjacent to the west side of Lake Merritt Channel. Lake Merritt is listed in the National Register of Historic Places; and the Lake Merritt Wild Duck Refuge is a National Historic Landmark.

The proposal requires a Major Conditional Use Permit, and Regular Design Review. Environmental analysis to comply with the California Environmental Quality Act (CEQA) is under review and is expected to be complete by March or April 2019. Staff seeks comments, and a recommendation to the Planning Commission. The project requires approval by the Planning Commission at a future public meeting.

#### BACKGROUND

The proposal was considered by the Design Review Committee (DRC) at the January 30, 2019 meeting. Staff notes that this LPAB staff report was completed prior to DRC consideration. Staff, however, will provide a summary of the DRC meeting at the scheduled LPAB meeting on February 4, 2019.

The proposal was reviewed by the LPAB on the February 5 and March12, 2018 meeting. The applicant presented a summary description, and preliminary design concepts of the project. The LPAB believed that the plans needed further development, and provided comments and questions to the applicant as follow:

- Is the wisteria planted on the 10 Street side?
- Is there an entitlement schedule for the project?
- The raised concrete terrace and other improvements are a concern;
- The design and landscaping are not cohesive;
- Need comments from SHPO (State Office of Historic Preservation) regarding impacts.

The LPAB continued the application to the next available meeting.

#### **PROJECT SITE AND SURROUNDINGS**

The Oakland Civic Auditorium (OCA) is located to the south of the Lake Merritt Amphitheater at 10-10<sup>th</sup> Street. The OCA is three stories tall and sits on a 4.80-acre parcel. The main entries to the building are on the north, west and east sides. There are also secondary and loading entries on the south side of the building (10<sup>th</sup> Street). A parking lot with approximately 164 parking spaces is located on the north and east sides of the building, and is accessed from Lake Merritt Boulevard and 10<sup>th</sup> Street (via two driveways). The site is mostly paved, but contains a mix of landscaping and trees around the property and in the parking lot. The project site is surrounded by the Oakland Museum of California to the west, Laney College to the south, Peralta Park/ Lake Merritt Channel to the east and Lake Merritt Amphitheater to the north. The OCA property is served by different AC Transit bus lines, bicycle lanes, and the Lake Merritt Bay Area Rapid Transit (BART) Station is located approximately three blocks southwest.

The OCA is considered a City Landmark because of its historical, cultural and architectural value. The OCA is a rectangular-shape building with a with a steel frame gable roof and reinforced concrete, and is visible from around Lake Merritt, and is considered a historic resource within the Area of Primary Importance (API). The building has strong architectural themes such as articulated niches, arched windows, steel awnings, large light fixtures and concrete stairways that reflect to the Beaux-Arts style of that time.

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#### PROJECT PROPOSAL

The applicant proposes to make alterations to the interior and exterior of the approximately 215,000 square foot building. The alterations would allow new commercial uses such as restaurant, retail and/or offices on the ground floor and basement. The proposal includes the rehabilitation of the existing Calvin E. Simmons Theater that holds approximately 1,500 seats; and limited improvements to the central Arena space and seating. The project includes site modifications to the parking lot, driveways, walkways and landscaping. Other improvements to the OCA involve the installation of two new illuminated marquee signs on the building roof.

#### **BUILDING INTERIOR ALTERATIONS**

#### **Basement**

The alterations of the 76,800 square foot basement would replace the access stairway, elevator, stage lift and include the installation of new skywells to the first floor, construction of new storage, utility rooms and disposable/recycle loading areas. Approximately 27,522 square foot of the improved basement would be used for related commercial tenant uses and would be internally connected to the upper-floor level. The alterations to the basement would not increase new building footprint or floor area or change the exterior of the building.

#### First Floor

The alterations of the 76,900 square foot 1<sup>st</sup> floor level would remove the restroom and partition walls to reopen/regain the signature niches and restore the windows. The building alteration includes the removal of partition walls to restore the historic arena foyer and concourse, development of a new restaurant with outdoor seating and new bar concessions. The alterations would include a new entry lobby on the south of the arena, the addition of two new light-wells in the center of the arena floor to provide natural light to the basement, and replacement of the stage lift and alterations to the theater seating. The proposal also notes that all of the significant architectural elements such as columns, coffered ceiling, and floor details would remain, and if needed these would be repaired to match to the original design. The existing south freight/loading entry would be improved.

#### Second Floor

The alterations to the approximately 17,000 square foot 2<sup>nd</sup> floor level would rehabilitate the stairways, remove partition walls from some of the niches, uncover the west side five windows along the theater corridor, and rearrange the theater seating for better circulation. The project would include the construction of three new separate loge box areas, and the addition of new dressing rooms. No changes would be made to the existing historic corridor/vaulted ceiling and arena bleachers. The project would also make improvements to the restrooms, and restoration to the theater seating if needed.

#### Third Floor

The proposal would not include any significant building alterations to the approximately 29,000 square foot 3rd floor level. The 3<sup>rd</sup> floor contains theater seating, ballrooms and foyers.

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#### **BUILDING EXTERIOR ALTERATIONS**

#### **Building North Elevation**

The proposal does not involve any structural changes to the north facade of the building. All of the existing historic elements such as masonry wall, cornices, awnings, lighting and wall signage would remain and, if necessary be restored. The proposal includes the replacement and repairs, if needed, of the arched wood and glass windows located on the niches in order to support the historic character of the property. There are, however, two significant changes to the building facade. One is the replacement of all seven main double-door entries; and the other is the capping of the seven entry concrete stairs with a new raised terrace.

The approximately seven-foot tall and 9,500 square feet Lake View terrace would be located in front of the building and would be used as an outdoor public seating area. The concrete terrace would include a 3.5 foot tall glass with a steel frame guardrail. The new 65-foot wide concrete grand stairway with steel hand railings would be located in the center of the terrace. The proposal also includes two new concrete access ramps, each located at the corners of the terrace. The face of the raised terrace would be made of a sandblasted concrete wall and would include low recessed light fixtures, landscaping and a row of bollards located in between the improved front pedestrian pathway and parking lot.

A new illuminated marquee sign is proposed on the rooftop of the building. The individual channel letter and board signs would be mounted on a 63 feet wide by 12 feet high steel support truss frame. The signs would be set back at least two feet from the building parapet. The channel letter sign would be placed in the center, and the board signs would be located on the sides. The channel letter sign and arrow signs would be white acrylic and backlit. The two slim board signs would contain a programmable LED marquee sign with lights around the border of the boards. The applicant notes that the sign proposal is based on a 1949 marquee sign that once existed on the building. The existing *"Auditorium of the City...Dedicated by the Citizens...'* will remain.

#### **Building South Elevation**

There are no significant alterations to the south building facade other than repairing, if needed, the existing windows, entry doors, wall light fixtures and wall sign (Henry J. Kaiser Convention Center). The proposal, however, includes the new construction of an entry lobby with an ADA access ramp, lamp poles and a new awning. The new access ramp would be concrete with glass and steel frame guardrails. The two new round-glass light and steel pole fixtures would match the original ones. The project also includes a new illuminated marquee sign similar to the one proposed on the north side, and new landscaping along the building and within the new sidewalk.

#### **Building East Elevation**

Similar to the south building facade, the proposal does not include significant alterations to the east building facade. The applicant proposes to maintain and repair all of the historic design features such as the cornices, mullions, light fixtures, steel entry awning and doors. However, the most significant change is the removal of the cement wall to uncover and restore the five historic square-shape windows, located on the second floor.

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#### **Building West Elevation**

The proposal does not include any significant alterations on the west side of the building facade. The project notes that all of the historic design features are to remain such as entry awnings, doors, wall lanterns and lantern poles. The project also notes that all of these design elements would be repaired, if necessary. The one building alteration proposed is the removal and replacement of the concrete ramp with a new concrete ramp that would contain a glass and steel frame guardrail. Other improvements include new landscaping along the building facade.

#### Rooftop

The project would make alterations to restore the skylights to their original form. The skylights are located on the north and south bays of the rooftop and extends to the east and west. The existing two flagpoles located near the east and west building parapet would remain including the maintenance access stairways. The project would include the new installation of solar panels along the south bay of the building rooftop. The approximately 58,000 square foot solar panel area would be placed on the downslope rooftop. The rooftop would also include the new installation of two illuminated marquee signs that are discussed in this report.

#### SITE ALTERATIONS- HARDSCAPE AND LANDSCAPING

#### Sidewalk / Pathway

The pedestrian sidewalk around the OCA would be replaced with new porous cast-in-place concrete sidewalk. The sidewalk contains a diamond-shape pattern to create contrast with the east driveway and north parking lot. The north sidewalk includes two new bulb-outs, and two pull-in loading and drop-off zone areas along 10<sup>th</sup> Street. A total of 15 Green-Ash and Honey Locust trees would be planted in the front side of the sidewalk along the south and west sides of the building. A mix of 26 creeping Jasmine and Fig vines would also be planted in the back side of the sidewalk along the south building facade, and the north face of the raised Lake View terrace. The proposal includes new bio-treatment planters and hydro-zone landscape areas within sections of the sidewalk to manage stormwater runoff within the property. Other improvements within the sidewalk include the installation of concrete benches, light poles and bollard lights.

#### Lake Merritt Way Promenade

The proposal includes the removal of the two-way driveway and landscape median located on the west side of the building. A new, raised concrete promenade would be constructed on this pedestrian, vehicular and utility easement. The 60 foot wide and 270 foot long Lake Merritt promenade will be raised to level with the new sidewalk, and would serve as a public access pathway from 10<sup>th</sup> Street to Lake Merritt Boulevard, as well as a gathering area for the Calvin Simmons Theater. The surface of the promenade would contain hexagonal concrete pavers, colored concrete diamond-shape pattern, triangle-shape raised planters, trees, concrete benches, aluminum light poles and bollards along 10<sup>th</sup> Street and the main parking lot.

#### Parking Lot and Driveway

The property contains a parking lot with approximately 164 parking stalls, located to the north and east of the building. The proposal would remove trees, planting areas and replace the parking

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paving area. The larger parking lot to the north would maintain the six double-head light poles, located in the center of the parking lot. The parking lot area would be resurfaced with new asphalt concrete, provide six new ADA parking spaces, and contain decorative diamond-shape patterns. The surface of the smaller parking lot to the east of the building would have a new pervious concrete area, and the driveway would be asphalt concrete with decorative diamond-shape patterns. The parking lots would include two new ingress and egress parking barriers at the Lake Merritt and 10<sup>th</sup> Street driveways. The plan would include a cluster of six new Evergreen trees at the northwest and northeast corner of the parking lot. A row of eight Green-Ash trees would be planted along the eastside of the parking lot/driveway.

#### STATE OFFICE OF HISTORIC PRESERVATION (SHPO)

Federal regulations governing this project require evaluations of all projects. The project applicant applied for Federal Rehabilitation Tax Credits to partially fund the project. The applicant also consulted with and submitted applications and design concept plans to the State Historic Preservation Office (SHPO), and the National Park Service (NPS). To qualify for Federal Rehabilitation Tax Credits, a project needs to conform with the Secretary of the Interior Standards (SOIS) for rehabilitation.

In 2017 and 2018, the applicant submitted to the Office of Historic Preservation (OHP) Part 1 and Part 2 of the required Applications for review of the project. In July 2018, the applicant provided staff a copy of the OHP Application Part 2 stating that, based on project description and conceptual design plans, the project would appear consistent with the SOIS. However, OHP believes that the project description and design plans were not fully developed to make a final determination at that time. Overall, OHP was supportive of the project if the recommended conditions were included on a more developed set of plans and submitted for further review. The following are conditions for the project by OHP:

- Omit the glass pavilions along the south building elevation.
- Alterations or replacement of historic features should be guided by historic documentation or be simplified to be compatible with the historic building features.
- The proposed south lobby should not extend into the existing Arena.
- The proposed lodge box openings should be equal in width to the existing openings.
- The proposed site work around the building should be redesigned to be more in compatible with the historic character of the building, its setting and environment.

Staff has concerns, particularly with regards to the proposed terrace because its size, mass and design would contrast with the traditional style of the building. Most of all, the raised terrace would impair the grand entries and articulated niches, reduce access to the sculpture reliefs, and diminish the views of the historic building from the street and Lake Merritt.

## SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES- STANDARDS FOR REHABILITATION

The following Standards for Rehabilitation are the criteria to determine if the proposal qualifies in a reasonable matter to the rehabilitation standards. The intent of the Standards is to assist the long-term preservation of a property's significance through the preservation of historic materials and features. The Standards pertain to historic buildings of all materials, construction types, sizes, and occupancy and encompass the exterior and the interior of historic buildings. The Standards also encompass related

landscape features and the building's site and environment, as well as attached, adjacent, or related new construction. The rehabilitation of the project must be determined by the Secretary to be consistent with the historic character of the structure(s) and, where applicable, the district in which it is located.

1. A property shall be used for its historic purpose or be placed in a new use that requires minimal change to the defining characteristics of the building and its site and environment.

The proposal would reestablish the Calvin Simmons Theater for the operation of cultural and entertainment venues. The existing arena and bleachers would remain to serve new commercial uses such an office, retail and/or restaurant businesses. Building and site alterations include interior and exterior rehabilitation of the historic building, and improvements to the pathways, landscaping and parking lots. As discussed in this report, staff has concerns to the addition of a raised concrete terrace along the frontage of the building because it undermines the prominent features of the niches, arch windows and façade.

2. The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.

The proposal would retain, restore and reconstruct architectural components within the interior and exterior of the building. Required conditions would apply to assure the replacement of building materials and/or fixtures reflect to the character of the historic property. The addition of the raised terrace, however, may not contribute to the preservation of the Oakland Civic Auditorium (OCA). The seven-foot-tall concrete face terrace with glass and steel frame contrast with the historic style of the building.

3. Each property shall be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or architectural elements from other buildings, shall not be undertaken.

The OCA is located to the south of Lake Merritt and is adjacent to the Oakland Museum of California. The proposal would reuse the building as a performance arts center that previously operated in this 19<sup>th</sup> century style building. The proposal introduces a new raised concrete terrace along the façade of the historic building that creates a contrast and impairs with the view of the building and entries when viewed from the street.

4. Most properties change over time; those changes that have acquired historic significance in their own right shall be retained and preserved.

The OCA maintains its original Beaux-Arts architecture since it was built in 1915. Overtime, the east side lower windows were covered with a wall, and partition walls were constructed inside the niches, arena concourse and foyer. In 1979, the City adopted an Ordinance and considered the OCA a Class 1 Landmark with a Historic Rating A. The OCA was also eligible for the National Register of Historic Places. The rehabilitation includes the removal of the wall to uncover and restore the east side windows, and the partition walls inside the historic arena.

5. Distinctive features, finishes, and construction techniques or examples of craftsmanship that characterize a historic property shall be preserved.

The rehabilitation of the OCA would maintain and enhance the architectural details and finishes of the building. However, the addition of the raised concrete terrace with a sandblasted face finish

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and glass steel frame guardrail would create a design contrast with the original masonry of the historic building.

6. Deteriorated historic features shall be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature shall match the old in design, color, texture, and other visual qualities and, where possible, materials. Replacement of missing features shall be substantiated by documentary, physical, or pictorial evidence.

The rehabilitation of the OCA would repair, restore and replace design features and fixtures to maintain the distinctive architectural elements that provide unique style and character to the historic building. Through the use of conditions, the project would be required to retain a historic preservation architect to document the existing conditions on the property.

7. Chemical or physical treatments, such as sandblasting, that cause damage to historic materials shall not be used. The surface cleaning of structures, if appropriate, shall be undertaken using the gentlest means possible.

The proposal would be restricted and conditioned to use techniques that reduce physical impacts to the building historic design components.

8. Significant archeological resources affected by a project shall be protected and preserved. If such resources must be disturbed, mitigation measures shall be undertaken.

The proposal would rehabilitate the building and make improvements to the site. Most of the paving areas around the property will be replaced or resurfaced, and grading will be minimal.

9. New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.

The proposal for a raised concrete terrace would visually undermine the lower facade of the three-story tall masonry building, and each of the separate entry stairways. The approximately seven-foot-tall concrete terrace would be structurally tied to the main building. The terrace would be added along the building facade, and contain a sandblasted finish face with steel and glass guardrail. The location, size and design of the raised terrace diminishes the physical features that contribute to highest level of recognition of historic significance for the OCA.

10. New additions and adjacent or related new construction shall be undertaken in such a manner that if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

The proposal would add a contemporary style raised concrete terrace along the frontage of the OCA. The new terrace would have its own foundation and be tied to the structure of the building. The terrace would not reuse the existing, bottom portion of the niches; however, it would cover the affected area. The new addition differs from the style of the historic building, and if removed, it may compromise the lower building facade.

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#### **GENERAL PLAN POLICIES/ GOALS**

The project is located in the Lake Merritt Station Area Plan which seeks to achieve the many diverse goals of the community, including well-connected, economically diverse, and vibrant neighborhood and regional destination. The Plan links the existing unique assets located within the Plan Area in a series of distinct hubs of activity: the Chinatown hub, the entertainment, educational and cultural hub including Laney College, the Oakland Museum of California, the Oakland Civic Auditorium, and the Lake Merritt BART Station, and the Eastlake Gateway hub.

In particular, the Plan notes that the OCA could provide an opportunity to activate the southern edge of the new Lake Merritt Boulevard and to contribute to an entertainment, educational and cultural node. Preliminary ideas for reuse of the OCA include uses as a community center or a performance arts center as it has been in the past, and it is a great potential resource for civic and commercial uses.

The proposed project is consistent with the Plan as follows:

#### Lake Merritt Station Area Plan Vision

Create a more active, vibrant and safe district to serve and attract residents, businesses, students and visitors.

The proposal would attract new commercial uses, rehabilitate the Calvin Simmons Theater and develop a new terrace and pedestrian promenade. The project would be a good reuse of the OCA because it would activate and energize the property with new commercial services and entertainment venues. The new terrace would provide additional outdoor amenities, thus making the property more attractive. The new promenade would also attract more foot traffic, and provide a better pedestrian connection to Lake Merritt.

Increase jobs and improve access to jobs along the transit corridor.

The proposal to rehabilitate the existing theater and arena would reestablish the entertainment venues, and create new commercial uses such as offices and retail. These new civic and commercial facilities would provide new job opportunities to local and regional residents, and support the corridor link between downtown and the Eastlake neighborhood.

Provide services and retail options in the Station Area.

The proposal would reestablish cultural and entertainment services in the rehabilitated civic auditorium. This would support future retail uses in the area.

Maximize the land use and development opportunities created through preservation and restoration of historic buildings.

The rehabilitation of the historic Oakland Civic Auditorium would reestablish the entertainment uses of the three-level theater, and reuse the arena with new commercial uses such as retail and offices.

#### Lake Merritt Station Area Plan Goals

Establish a sense of place and clear identity for the area as a cultural and community anchor and a regional destination, building on existing assets such as Chinatown, the Oakland Museum of California, Laney College, the Kaiser Convention Center, Jack London Square, Lake Merritt and the Lake Merritt Channel.

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The Oakland Civic Auditorium also known as the Kaiser Convention Center is a historic property and a prominent feature of the City landscape. The proposal would reuse and activate the historic property that is within an active hub with different type of community activities. The mix of new civic and commercial uses, and promenade would make the OCA property more usable and attractive. The proposal would also be inviting to the public because the promenade will provide a link between 10<sup>th</sup> Street and the Lake Merritt.

Promote a more diverse mix of uses near the Lake Merritt BART Station, such as cafes, restaurants, music venues, retail stores, nightlife, etc., that activate the area as a lively and vibrant district.

The proposal would rehabilitate the three-level theater and introduce new uses including retail and restaurants with outdoor seating. This combination of activities with the nearby museum, college and Lake Merritt would contribute to the social ambience, thus making the 14<sup>th</sup> Street Corridor District Plan more active.

#### ZONING ANALYSIS

The requirements of the D-LM Lake Merritt Station Area District Zones Regulations is to implement the Lake Merritt Station Area Plan. The development in this zoning district shall be consistent with the Lake Merritt Station Area Plan, of a high quality design, and include active ground floor uses where appropriate and feasible.

The project site is specifically located in the D-LM-4 Lake Merritt Station Area District Mixed-4 Commercial Zone. The intent of the D-LM-4 Zone is to designate areas of the Lake Merritt Station Area Plan District appropriate for a wide range of Residential, Commercial, and compatible Light Industrial Activities.

The following are the objectives of the D-LM Lake Merritt Station Area District Zones. Staff is also responding how the project complies with the objectives in *italics*.

Create a more active and vibrant Lake Merritt Station Area District to serve and attract residents, businesses, students, and visitors;

The proposal combines civic and commercial uses that would provide a mix of entertainment, service and retail activities that would attract public and business interest, thus generating active uses and supporting existing businesses around the Station Area.

Increase activity and vibrancy in the area by encouraging vital retail nodes that provide services, restaurants, and shopping opportunities;

The proposal would include restaurant and retail services on the ground floor of the building. The project also includes a pedestrian promenade located at the entry of the Calvin Simmons Theater. The promenade that will link 10<sup>th</sup> Street to Lake Merritt would create a more active and vibrant site, thus making OCA more attractive to the public.

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Improve safety and pedestrian-orientation;

The proposal would include street improvements such as new bulb-outs at the intersection of 10<sup>th</sup> Street and driveways. The project also would include the removal of the west side driveway, and installation of a new promenade, which would improve pedestrian access to Lake Merritt.

Increase the number of jobs and improve the local economy;

The project would generate employment opportunities related to the entertainment venue, office/retail and restaurant activities.

Encourage and enhance a pedestrian-oriented streetscape.

The proposal includes a new landscape promenade on the west, and improved streetscape around the building. The project also includes new landscaping around the modified parking lot.

#### Zoning Development Standards

The proposal is generally in compliance with applicable zoning regulations. However, the application should be revised to provide enough bicycle parking.

7,500 sq. ft. 50 ft. 0 ft. 0 ft.	208,842 sf. 560 ft. 158 ft. 90 ft. / 34	208,842 sf. 560 ft. 135ft. (terrace)	Meets Code Meets Code Meets Code
0 ft. 0 ft.	158 ft. 90 ft. / 34	135ft. (terrace)	
0 ft.	90 ft. / 34	<u>_</u>	
		00.0 /04.0	
	ft.	90 ft. / 34 ft.	Meets Code
0 ft.	8 ft.	8 ft.	Meets Code
60 ft.	200 ft.	200 ft.	Meets Code
5	1.20	1.65	Meets Code
None Required	164 spaces	0 spaces	Meets Code
83 spaces	164 spaces	0 spaces	Meets Code
None Required	1 berth	0 berth	Meets Code
A number of berths to be prescribed by the Director of City Planning pursuant to Section	I berth	0 berth	TBD
	60 ft. 5 None Required 83 spaces None Required A number of berths to be prescribed by the Director of City Planning pursuant to	60 ft.200 ft.51.20None Required164 spaces83 spaces164 spacesNone Required1 berthA number of berths to be prescribed by the Director of City Planning pursuant to Section1 berth	60 ft.200 ft.200 ft.51.201.65None Required164 spaces0 spaces83 spaces164 spaces0 spacesNone Required1 berth0 berthA number of berths to be prescribed by the Director of City Planning pursuant to Section1 berth

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Bicycle Parking-Restaurant	2 spaces	0 spaces	0 spaces		
Long Term			- · ·	TBD	
Bicycle Parking- Restaurant	2 spaces	0 spaces	0 spaces		
Short Term		•			
Bicycle Parking-Office Long Term	3 spaces	0 spaces	0 spaces	TBD	
Bicycle Parking-Office Short Term	2 spaces	0 spaces	4 spaces	Meets Code	
Bicycle Parking-Retail Long Term	2 spaces	0 spaces	0 spaces	TBD	
Bicycle Parking-Retail Short Term	3 spaces	0 spaces	4 spaces	Meets Code	

#### LAKE MERRITT STATION AREA-DESIGN GUIDELINES

The Intent of the Lake Merritt Station Planning Area Design Guidelines is to complement the city wide design guidelines, and to provide certainty through the design review process when making decision for projects in the Plan Area. The OCA is a City landmark, and is one of the civic buildings within the Lake Merritt Specific Plan Area. The building has distinctive formal architectural character that reflects to the civic importance of that time, and identifies as a focal point of the community. The civic building has a large building footprint that covers the entire city blocks contains monumental entrances with classical architectural themes, symmetrical window and continuous facade details. Historic preservation and adaptive re-use are encouraged in the Planning Area.

The following Guidelines are applicable to the OCA project:

#### Historic Resources

<u>Adaptive Reuse</u>. Retain and integrate historic and architecturally significant structures into larger projects with adaptive reuse. When adapting or altering historic resources, consider the following in the outline below. Staff also provides a summary response for each in *italics*.

• Work within the existing building envelope is recommended; where additions are desired, they should generally be located on a secondary or rear façade.

The proposal makes interior building alterations to rehabilitate the theater, arena and basement to accommodate new commercial uses. The proposal includes the addition of a raised terrace (plinth) along the principal facade of the building that also faces the parking lot and Lake Merritt. Staff believes that the building addition would obstruct the prominent façade of the OCA, and thus visually impact the views of the large and articulated niches, and stairways.

• Retain and repair historic materials and architectural details, and avoid covering these with cladding, awnings, or signage.

The proposal would retain, repair and restore all historic materials and details within the interior and exterior of the building. The alterations would also remove materials to uncover the historic windows on the east façade of the second floor that were covered in the past.

• Identify historic materials and features, using historic photos when available, in order to preserve and rehabilitate historic character.

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The proposal shows on plans historic design elements that would be kept and restored if needed. Project documents also show photos of the building when it was built in 1910 and other photos of the building in the late 1950s, including one of a marquee sign mounted on the building rooftop.

• Use materials and colors that complement the historic character of the property.

The proposal would restore some of the historic building features such as entry doors, canopies and light fixtures. The addition of a raised front terrace with a glass and steel frame rail, and installation of two illuminated marquee signs on the building rooftop need material samples to evaluate and determine the material quality that would keep in with the building character.

• Consider consultation with a preservation architect to ensure renovations are compatible. Consult with City's historic preservation staff.

The proposal was reviewed by the project preservation architect, and the City's Historic Preservation Planner. Based on conceptual design plans, they understand that the project proposal meets the Secretary of the Interior Standards for Rehabilitation. However, they also agree that a conditional approval is not a final approval as more developed plans are required to be submitted for further review by the National Park Service, and State Historic Preservation Office before development commences. As noted in this staff report, there is concern on the addition of the raised concrete terrace. The raised terrace would visually impair the grand entries and articulated niches, reduce access to the sculpture reliefs, and diminish the views of the historic building from the street and Lake Merritt.

#### **KEY DESIGN ISSUES**

Based on design plans provided, staff has reviewed the project and has the following comments for consideration by the Design Review Committee:

#### **Building Design**

#### **Raised Terrace (Plinth)**

The Oakland Civic Auditorium is considered a City Landmark because of its significant historical, architectural and cultural value. The proposal would replace the north concrete entries of the OCA with a raised terrace that extends approximately 400 feet along façade of the building. The seven-foot tall concrete terrace with a three and one-half foot tall glass guardrail would potentially visually obstruct the lower area of the prominent arched niches and entry stairs when viewed from Lake Merritt Boulevard and the Lake Merritt shore. Staff believes that the proposal would create an unnecessary impairment of the physical features that contribute to highest level of recognition of historic significance for the OCA.

Furthermore, staff has concerns with the use of sandblasted concrete material and glass with steel frame rail on the face of the raised terrace. Staff believes that the design of the terrace wall is more industrial, lacks distinguished design features, and contrasts with the more traditional cladding, texture and color of the OCA.

#### Page 15

Staff would support a plan for a larger terrace in front of the OCA if it is built at grade. The applicant may consider building a forecourt between the building and the parking lot. The forecourt would include a wider entry pathway that connects OCA from Lake Merritt Boulevard. The forecourt and pedestrian pathway could include distinctive paving materials, landscape barriers or planters, outdoor furniture, and bollard lights to create a separation from the parking lot. Staff believes that a well-designed forecourt would be attractive and inviting to the public while enjoying the grand views of the historic building.

#### **Parking Lot Modification**

The proposal would modify the 164 stalls parking lot located to the north and east sides of the building by removing trees and raised landscape planters, reconfiguring the parking lay out, replacing the asphalt-concrete, and maintaining the six double-head light poles located in the center of the parking. The parking lot includes new large and medium size diamond-shaped patterns to create contrast with the building geometry and provide visual interest. Staff supports the design creativity, but believes that the parking lot surface should have a simple design, one that does not contrast with the OCA. Staff suggests that more emphasis should be put on the reinstallation of a new pedestrian pathway. Staff notes that the OCA is divided by the 100 foot depth parking lot from Lake Merritt Boulevard, and access to the principal front of the building is by an 8 foot wide pathway that traverses the parking lot. The project plans show a 17-foot wide ends at the building frontage. Staff believes that the parking lot modification should widen the pedestrian access, use subtle surface materials, landscaping and safety lighting to emphasize the entry, separate the parking lot, and visually make the building facade and entry more prominent from public view.

#### New Pedestrian Promenade

The removal of the two-way driveway and landscape median would allow the construction of a pedestrian promenade. The new landscape promenade would provide additional public open space for outdoor events, and connect 10<sup>th</sup> Street with Lake Merritt Boulevard. The surface of the new promenade would be level with the new modified sidewalk on the west side of the OCA to create, a more unified, and improved pathway to compliment the rehabilitation of the OCA. The new pedestrian promenade would also make the main entry lobby of the Calvin Simmons Theater more spacious and attractive during concerts or performances, and overall provide a much better experience to the general public. Staff also notes that the pedestrian promenade extends through the side of the main parking lot, and into Lake Merritt Boulevard. Staff is unclear how the promenade would transition through the parking lot because the diamond-shaped patterns on the ground may suggest to the public to walk within the parking lot. Furthermore, staff notes on the plans the installation of bollards at both ends of the promenade. Overall, staff believes that the promenade is a great addition to the site as it would create a more attractive setting, and make this section of the property more pedestrian-friendly and safe.

#### CONCLUSION

The rehabilitation of the historic building, and site improvements to the property would preserve the existing building and allow new commercial activities. As indicated in the body of this report, staff has

#### Page 16

reservations about the addition of the raised concrete terrace, parking lot reconfiguration and pedestrian promenade. Staff believes that these are issues that need further development for the project to meet the required Design Guidelines, Goal and Vision of the Lake Merritt Plan Area, the Secretary of the Interior Standards including the applicable zoning standards.

#### RECOMMENDATION

Staff recommends that the Landmarks Preservation Advisory Board review the proposed project, and provide further comments to the project applicant prior to full consideration by the City Planning Commission. As indicated in the staff report, the applicant should consider the following:

- Replace the raised terrace with one that is at grade level and distinctive.
- Place the new terrace access ramps at the ends of the front building.
- Provide a simple and subtle design to the surface parking.
- Make the pathway entry in the parking lot more prominent and inviting.
- Clarify the pathway from the promenade to Lake Merritt Boulevard.

Prepared by:

Mike Rivera, Planner II Development Planning Division Bureau of Planning

Approved for forwarding to the Design Review Committee:

Catherine Payne Acting Development Planning Manager Bureau of Planning

#### **ATTACHMENTS**

A. Design Plans, dated January 15, 2019



## 10 - 10th STREET, OAKLAND CA 94607

## OAKLAND CIVIC AUDITORIUM (HJK)

## PLANNING APPLICATION SUBMITTAL 01.15.2019







## **PROJECT DIRECTORY**

### OWNER

ORTON DEVELOPMENT	COVER SHEET	1	BASEMENT PLAN
1475 POWELL ST. SUITE 101	PROJECT DIRECTORY AND TABLE OF CONTENTS	2	FIRST FLOOR PLAN
EMERYVILLE, CA 94608			SECOND LEVEL FLOOR PLAN
	EXTERIOR RENDERING FROM NE	3	THIRD LEVEL FLOOR PLAN
510.428.0800	EXTERIOR RENDERING FROM NW	4	BASEMENT DEMO PLAN
	EXTERIOR BIRDSEYE RENDERING FROM NORTH	5	FIRST FLOOR DEMO PLAN
	INTERIOR RENDERING OF ARENA SPACE	6	SECOND FLOOR DEMO PLAN
ARCHITECT			NORTH + SOUTH ELEVATIONS
	SITE PLAN	7	EAST + WEST ELEVATIONS
HELLER MANUS ARCHITECTS	PLANNING AND ZONING SUMMARY	8	SECTION LOOKING EAST
THE TRANSAMERICA PYRAMID	PLANNING AND ZONING SUMMARY	9	SECTION LOOKING NORTH
600 MONTGOMERY ST., SUITE 100	LOCATION AND VICINITY MAPS	10	THEATRE SECTION
SAN FRANCISCO, CA 94111	ACCESSORS PARCEL MAP	11	PERSPECTIVE SECTION @ THEATRE
	LEED CHECKLIST	12	AXONOMETRIC DIAGRAM OF TERRAG
Clark Manus	AERIAL VICINITY MAP	13	PERSPECTIVE SECTION @ TERRACE
clarkm@hellermanus.com	EXISTING SITE PHOTOS	14	SECTION THROUGH TERRACE
	VICINITY PHOTOS	15	TERRACE MATERIALS AND IMAGES
Josiah Maddock			
	TOPOGRAPHIC SURVEY	16	
josiahm@hellermanus.com		-	
	LANDSCAPE		
LANDSCAPE ARCHITECT			
	COVER SHEET, ORIGINAL SITE PLAN	17	
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OAKLAND, CA 94608	EXISTING CONDITIONS SITE PLAN	21	
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	DEMO SITE PLAN	23	
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walterh@wjhooddesign.com	TENTH STREET ELEVATION AND PLAN	25	
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ARCHITECTURE





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# Πsu

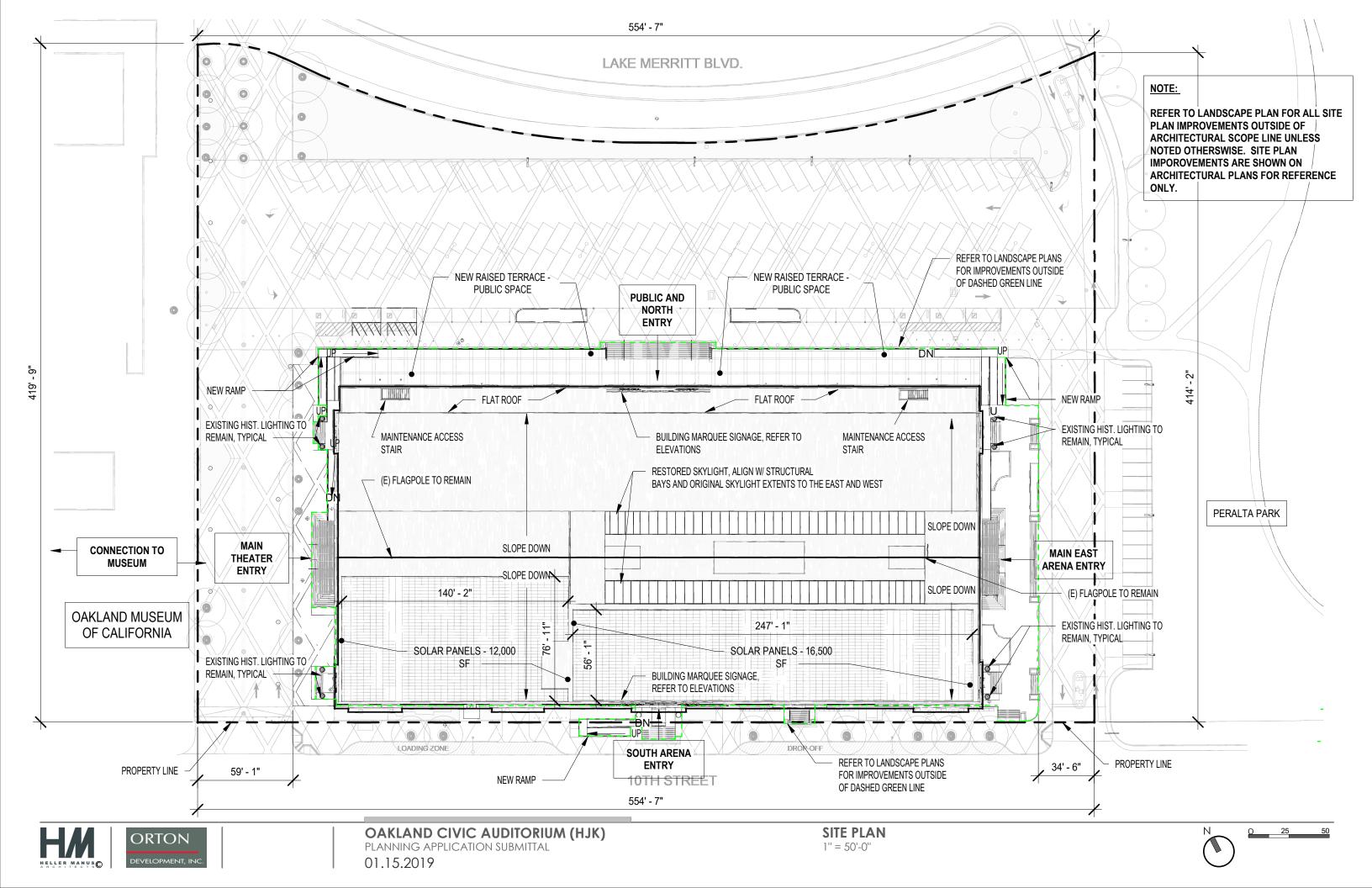








## **B** s t l



# Henry J. Kaiser Convention Center

### Planning & Zoning Summary

Construction Date:	1913-15	Ge	General Retail Sales		
Parcel:	18-450-5				
Lot Area:	208,842.5 sf	Off-Street Loading:	Offices:		
Zoning District: (Zoning Map)	D-LM-4 Central Business District	<i>(</i> 17.116.140 <i>)</i>	0-10,000 GFA 10,001- 24,999 GFA 25,000- 49,999 GFA 50,000- 99,999 GFA		
Historic Resources:	Area of Primary Importance (Lake Merritt) OCHS Rating: A1+		over 100,000 GFA		
	Local Landmark: Oakland Municipal Auditorium National Historic Landmark: No Heritage Property: No Designated Historic District: No Mills Act: No		<b>Civic:</b> 0-50,000 GFA 50,001- 149,999 GFA 150,000- 299,999 GFA over 300,000 GFA		
<i>Permitted Uses:</i> (Sec. 17.101G.030)	Retail, office, full service restaurants, limited service restaurants, community assembly, community education, recreational assembly, limited child- care activities		Minimum size for first re Length: Width: Height:		
Height & Bulk District: (Zoning Map)	LM-85				
Height Limits: (Zoning Map)	85' Maximum				
Hazard Zone:	Liquefaction Severity 5				
Off-Street Parking:					
(17.116.080)	Parking and Loading to Be Provided for New Facilities and Additions to Existing Facilities. The required amount of new parking and loading shall be based on the cumulative increase in floor area, or other applicable unit of measurement prescribed hereafter, after said effective date; provided, however, that for an activity occupying a facility existing on said effective date, new parking shall be required for said increase to the extent that the total of such existing facility and the added facilities exceeds any minimum size hereafter prescribed for which any parking is required for such activity.				



### Existing Parking and Loading to Be Maintained.

No existing parking or loading serving any activity shall be reduced in amount or changed in design, location, or maintenance below, or if already less than shall not be reduced further below, the requirements prescribed hereafter for such activity unless equivalent substitute facilities are provided.

PLANNING AND ZONING SUMMARY

- 0 space
- 1 space
- 2 spaces
- 3 spaces
- 3 plus 1 for each additional 120,000 sf
- 0 space
- 1 space
- 2 spaces
- 2 plus 1 for each additional 100,000 sf

equired space: 25' (35

(35' typical) (12' typical) 10' 12' (14' typical)

### Henry J. Kaiser Convention Center

10 10<sup>th</sup> Street Oakland, CA

### Building Code Summary

**Summary:** The structure is a single existing building with three stories and one basement level. The primary uses are Theater (Assembly Group A-1) and an Indoor Sports Arena Existing (Assembly Group A-4). Surface parking is located on the north side of the site

Construction Type: Existing: Type I-B

Number of Floors: 3

- Occupancy: Existing: A-1 / A-4 Proposed: A-1 / B / M / S
- Sprinkler.Proposed: Fully sprinklered per NFPA 13Gross Area:210,000 GSF

Ch 6 – Types of Construction:

BUILDING ELEMENT		PEI	TYPE II		TYPE III		TYPE IV	TYPE V	
		В	Ad	В	Ad	В	HT	Aď	В
Primary structural frame <sup>8</sup> (see Section 202)	3ª	2ª	1	0	1	0	HT	1	0
Bearing walls Exterior <sup>6, g</sup> Interior	3 3*	2 2ª	1	0	2 1	2 0	2 1/HT	1 1	0
Nonbearing walls and partitions Exterior	See Table 602								
Nonbearing walls and partitions Interior <sup>e</sup>	0	0	0	0	0	0	See Section 602.4.6	0	0
Floor construction and associated secondary members (see Section 202)	2	2	1	0	1	0	HT	1	0
Roof construction and associated secondary members (see Section 202)	1 <sup>1</sup> / <sub>2</sub> <sup>b</sup>	1 <sup>b,c</sup>	1 <sup>b,c</sup>	0°	1 <sup>b,c</sup>	0	HT	1 <sup>b,c</sup>	0

#### TABLE 601 FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)



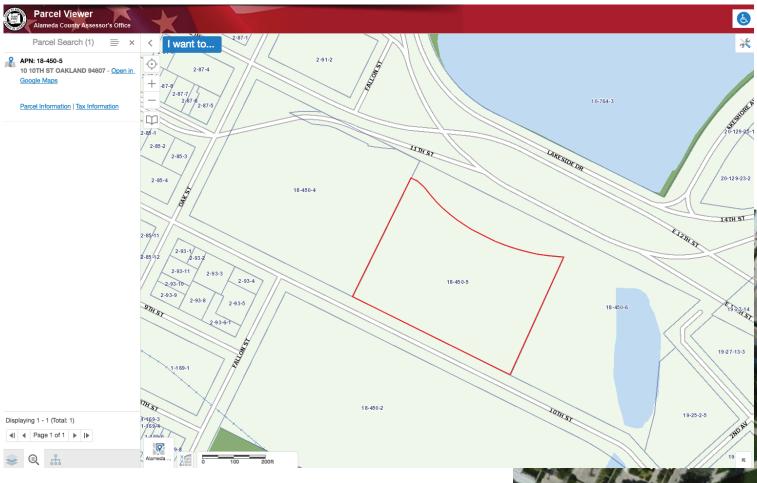
ORTON

## 10 - 10th STREET, OAKLAND CA 94607





OAKLAND CIVIC AUDITORIUM (HJK) PLANNING APPLICATION SUBMITTAL 01.15.2019



Building Address:

10 10th Street | Oakland | CA | 95607

Assessor's Parcel Number (APN):

Book 318 | Page 91 - 93

018 - 0450 - 005







OAKLAND CIVIC AUDITORIUM (HJK) PLANNING APPLICATION SUBMITTAL 01.15.2019

JCB.	ct Checklist		Pro Dat	-	t Na	me:	Henry J. Kaiser Center 4/16/2017	
Credit	Integrative Process	1						
1 5 0 Locati	on and Transportation	16	5	8	0	Mate	rials and Resources	13
Credit	LEED for Neighborhood Development Location	16	Y			Prereq	Storage and Collection of Recyclables	Required
1 Credit	Sensitive Land Protection	1	Y	1		Prereq	Construction and Demolition Waste Management Planning	Required
2 Credit	High Priority Site	2	5			Credit	Building Life-Cycle Impact Reduction	5
Credit	Surrounding Density and Diverse Uses	5		2		Credit	Building Product Disclosure and Optimization - Environmental Product Declarations	2
Credit	Access to Quality Transit	5		2		Credit	Building Product Disclosure and Optimization - Sourcing of Raw Materials	2
1 Credit	Bicycle Facilities	1		2		Credit	Building Product Disclosure and Optimization - Material Ingredients	2
Credit	Reduced Parking Footprint	1		2		Credit	Construction and Demolition Waste Management	2
1 Credit	Green Vehicles	1						
			5	11	0	Indo	or Environmental Quality	16
1 0 Sustai	inable Sites	10	Y			Prereq	Minimum Indoor Air Quality Performance	Required
Prereq	Construction Activity Pollution Prevention	Required	Y	1		Prereq	Environmental Tobacco Smoke Control	Required
1 Credit	Site Assessment	1				Credit	Enhanced Indoor Air Quality Strategies	2
Credit	Site Development - Protect or Restore Habitat	2		3		Credit	Low-Emitting Materials	3
Credit	Open Space	1		1		Credit	Construction Indoor Air Quality Management Plan	1
Credit	Rainwater Management	3		2		Credit	Indoor Air Quality Assessment	2
Credit Credit	Heat Island Reduction	2		1		Credit	Thermal Comfort	1
Credit	Light Pollution Reduction	1	2	2		Credit	Interior Lighting	2
	5		3			Credit	Daylight	3
1 1 Water	Efficiency	11		1		Credit	Quality Views	1
Prereq	Outdoor Water Use Reduction	Required		1		Credit	Acoustic Performance	1
Prereq	Indoor Water Use Reduction	Required		_				
Prereq	Building-Level Water Metering	Required	1	5	0	Inno	vation	6
Credit	Outdoor Water Use Reduction	2		5		Credit	Innovation	5
Credit	Indoor Water Use Reduction	6	1			Credit	LEED Accredited Professional	1
1 Credit	Cooling Tower Water Use	2						
1 Credit	Water Metering	1	0	0	0	Regi	onal Priority	4
						Credit	Regional Priority: Specific Credit	1
12 0 Energy	y and Atmosphere	33				Credit	Regional Priority: Specific Credit	1
Prereq	Fundamental Commissioning and Verification	Required				Credit	Regional Priority: Specific Credit	1
Prereq	Minimum Energy Performance	Required				Credit	Regional Priority: Specific Credit	1
Prereq	Building-Level Energy Metering	Required	_			_		
Prereq	Fundamental Refrigerant Management	Required	51	43	1	TOT/	ALS Possible Poi	ints: <b>110</b>
6 Credit	Enhanced Commissioning	6				Certifi	ed: 40 to 49 points, Silver: 50 to 59 points, Gold: 60 to 79 points, Platinum: 80	to 110
Credit	Optimize Energy Performance	18						
1 Credit	Advanced Energy Metering	1						
Credit	Demand Response	2						
2 Credit	•							
	Renewable Energy Production	3						
2 Credit	-	3 1						



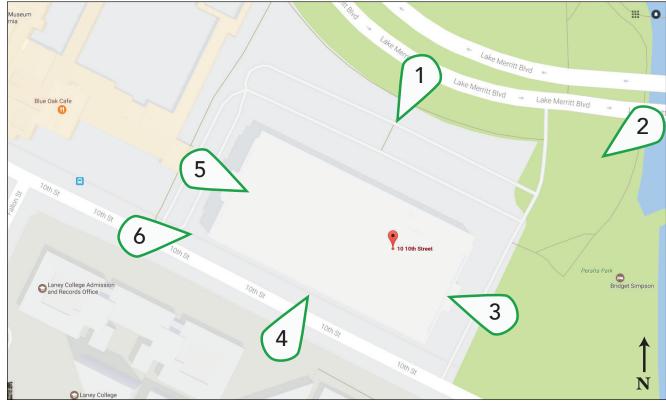
ORTON

DEVELOPMENT, INC.





OAKLAND CIVIC AUDITORIUM (HJK) PLANNING APPLICATION SUBMITTAL 01.15.2019



The Oakland Civic exterior photo key.



6: View of building rear (south facade) and Calvin Simmons Theatre entrance (west facade) from 10th Street.



1: View of building front (north facade) from Lake Merritt Blvd.



2: View of building front (north facade) and former Arena entrance (east facade) from Lake Merritt Blvd/ Estuary.



5: View of Calvin Simmons Theatre entrance (west facade).



4: View of building rear (south facade) from 10th Street.

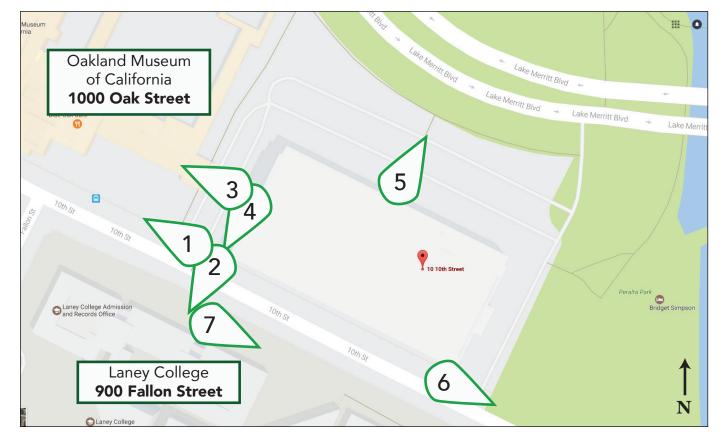


ORTON





3: View of former Arena entrance (east facade).



The Oakland Civic neighborhood photo key.



7: Rear (south facade) neighbor, Laney College, from the Laney College sidewalk..



1: Calvin Simmons Theatre entrance (west facade) neighbor, OMCA, from the southwest corner of the building.



3: Calvin Simmons Theatre entrance (west facade) neighbor, OMCA, from the Calvin Simmons Theatre entrance.





6: Photo of the former Arena entry (east facade) neighbors, estuary and 10th St. Bridge, from the former Arena entrance (east facade).





OAKLAND CIVIC AUDITORIUM (HJK) PLANNING APPLICATION SUBMITTAL 01.15.2019

VICINITY PHOTOS



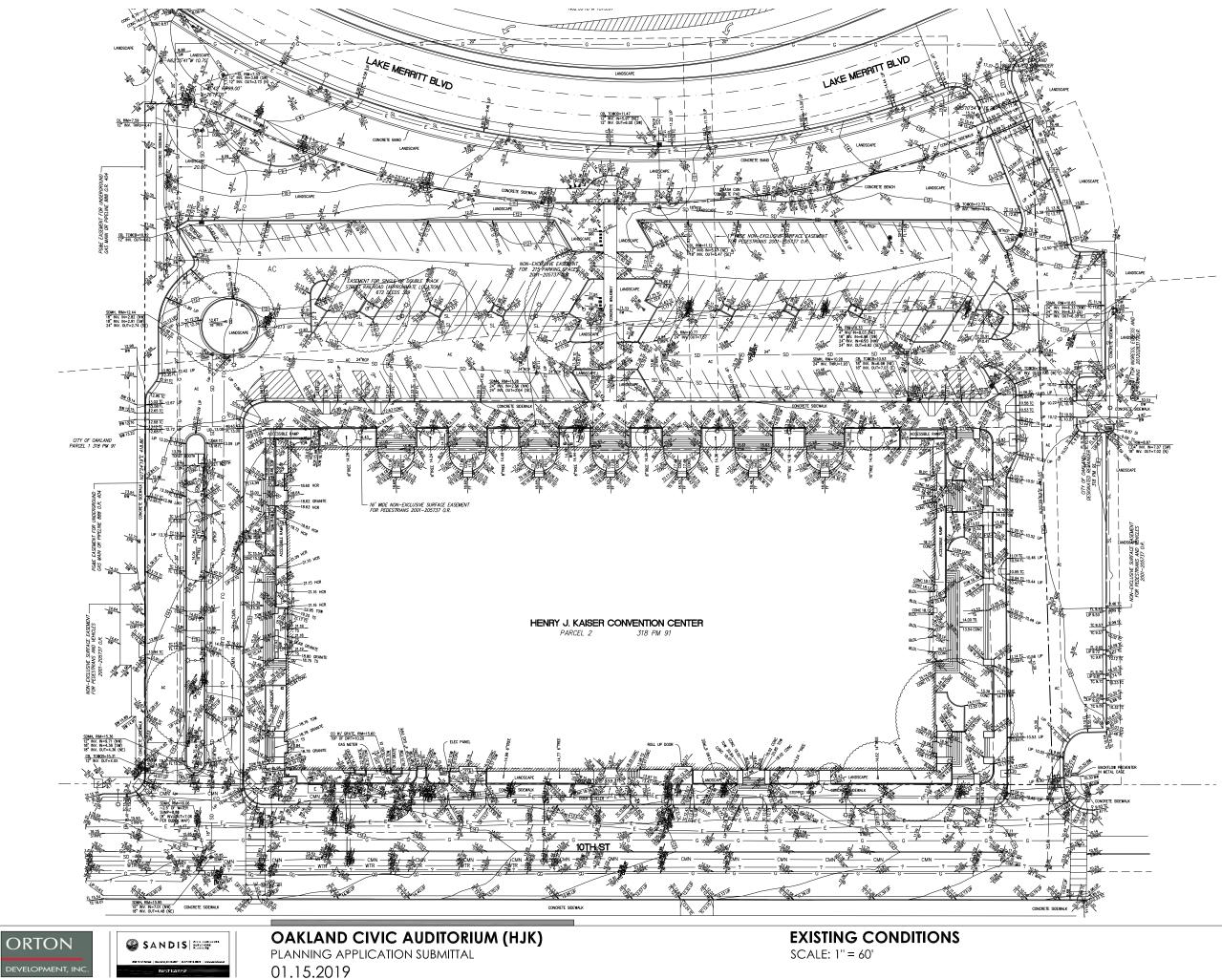
2: Rear (south facade) neighbor, Laney College, from the southwest corner of the building.



4: Rear (south facade) neighbor, Laney College, from the Calvin Simmons Theatre entrance (west facade).

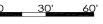


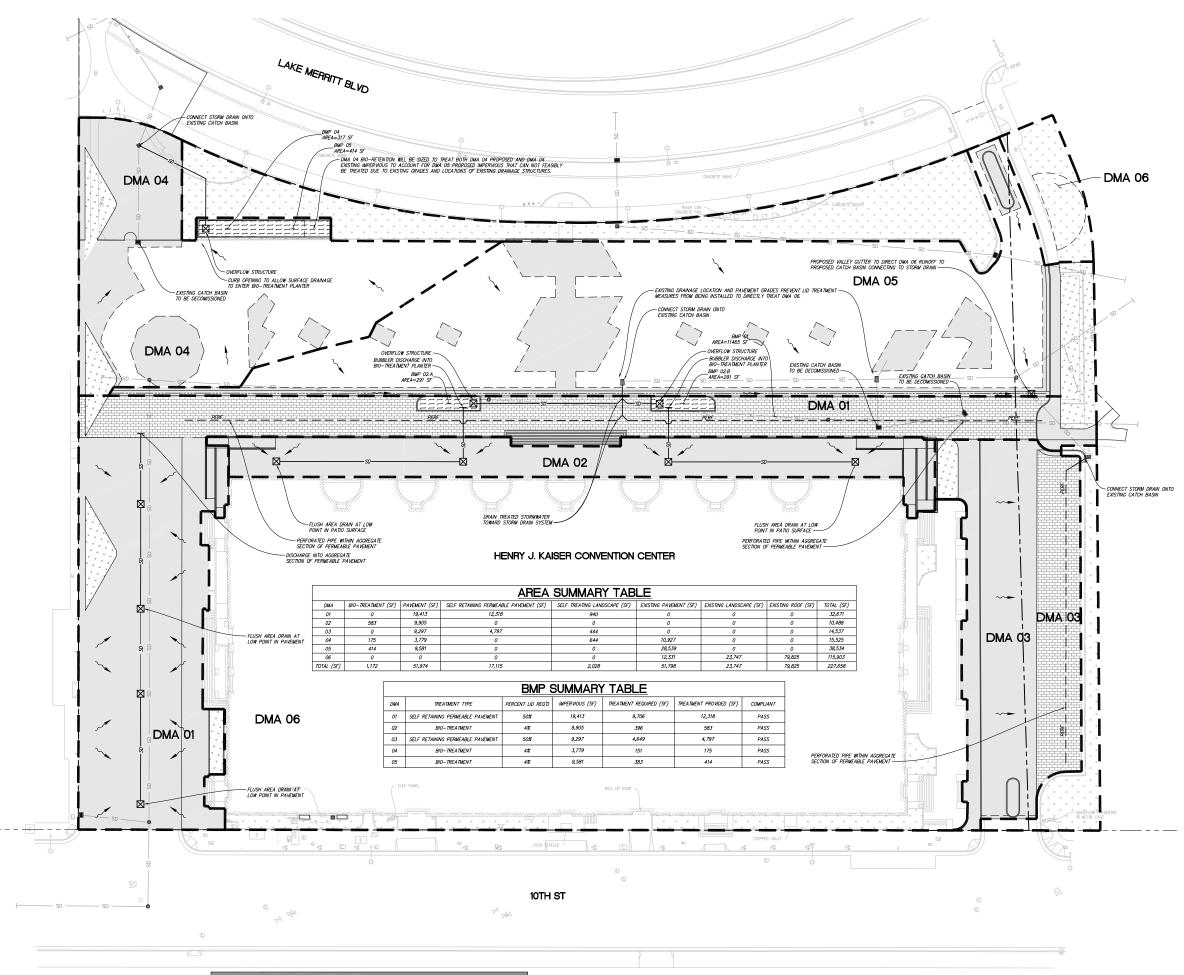
5: Photo of north facade neighbors, Lake Merritt Blvd and Lake Merritt Amphitheater, from the front of the building (north facade).



HELLER MANUS C











**OAKLAND CIVIC AUDITORIUM (HJK)** PLANNING APPLICATION SUBMITTAL 01.15.2019

STORMWATER MANAGEMENT PLAN SCALE: 1" = 60'

#### LEGEND



PROPOSED IMPERVIOUS PAVEMENT SELF-TREATING PERMEABLE PAVEMEN BIO-TREATMENT AREA

EXISTING IMPERVIOUS SURFACE TO REMAIN

EXISTING PERVIOUS LANDSCAPE TO REMAIN

SELF-TREATING LANDSCAPE

ANAGE AREA ROUNDARY VALLEY GUTTER FLOW LINE FLOW DIRECTION

#### SITE TREATMENT AREA NOTE:

THIS PROJECT IS NOT REPLACING MORE THAN 50% OF THE EXISTING IMPERVIOUS AREA AND THEREFORE MUST TREAT ONLY THE AREA THAT IS REDEVELOPED.

TOTAL AREA WITHIN SITE:	227,658 SF
TOTAL EXISTING IMPERVIOUS AREA:	194,358 SF
TOTAL NEW/REPLACED IMPERVIOUS AREA:	51,974 SF

PERCENT IMPERVIOUS NEW/REPLACED: 51,974/194,358 = 26.7% < 50%

#### STORMWATER MANAGEMENT NOTES

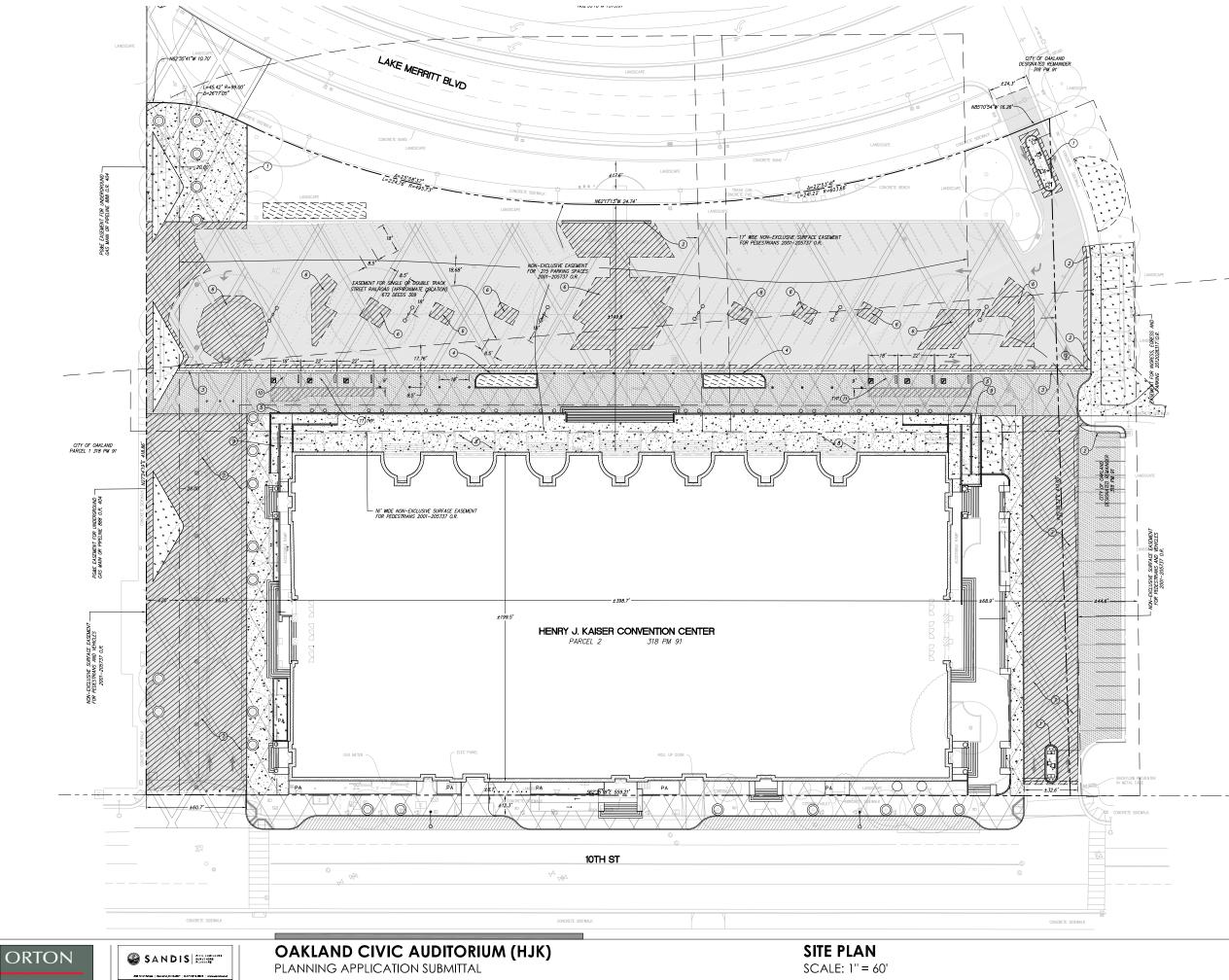
- THIS PLAN PRESENTS METHODS AND CALCULATIONS FOR COMPLYING WITH THE REQUIREMENTS OF PROVISION C.3 OF THE MUNICIPAL REGIONAL STORMMATER PERMIT IN ACCORDANCE WITH THE ALAMEDA COUNTY PROGRAM AND THE CITY OF OAKLAND REQUIREMENTS.
- 2. THE FOLLOWING TREATMENT MEASURES ARE PROPOSED TO REGULATE THE QUALITY OF STORM WATER LEAVING THE SITE
- 2.1. SELF-TREATING AREA RUNOFF IN THIS AREA ORIGINATES IN AND FLOWS THROUGH PLANTING PRIOR TO EXITING THE PROJECT SITE, NO TREATMENT IS REQUIRED
- 2.2. BIO-TREATMENT AREA RUNOFF IN THIS AREA IS DIRECTED TO A BIO-TREATMENT PLANTER FOR FILTRATION, INFILTRATION AND EVAPOTRANSPIRATION PRIOR TO EXITING THE SITE.
- PERMEABLE PAVEMENTS RUNOFF IN THIS AREA EITHER ORIGINATES OR IS DIRECTED TO PERMEABLE PAVEMENT MATERIALS FOR STORAGE AND INFILTRATION PRIOR TO EXITING THE SITE. 2.3.
- DRAINAGE MANAGEMENT AREA (DMA) OS CAN NOT FEASIBLY DRAIN TO LID TREATMENT MEASUMES DUE TO EXISTING FAKEMENT AREAS AND DRAINAGE STRUCTURE LOCATIONS. HIPERTORE, THE LID TREATMENT MEASIBLY BE INCREASED IN SUE TO TREAT EMSTING PAREMENT AREAS WITHIN DMA OS EDVINALENT TO THE NEW REPEACED IMPERVIOUS AREA WITH DMA OS.
- PROPOSED STORM DRAINAGE PIPING AND STRUCTURES SHOWN ON THIS SHEET ARE DIAGRAMMATIC AND FOR PERMIT REVIEW ONLY. REFER TO GVML UTILITY PLANS FOR CONSTRUCTION INFORMATION AND DETAILS.
- DRAINAGE MANAGEMENT AREA (DMA) OG CONSISTS OF EXISTING SURFACES TO REMAIN. HESE SURFACES INCLUDE PAVEMENT, LANDSCAPE, AND THE CIMO CENTER BULDIMC, AREAS MITHIN DMA ARE NOT FEQUINEET TO BE TREATED SINCE THEY ARE EXISTING TO REMAIN AND THE PROJECT DOES NOT EXCEED THE SOX RULE.

Ν

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30'

60'



01.15.2019

HELLER MANUS ARCHITECTSC

#### **GENERAL NOTES**

AREAS SHOWN AS 'NOT IN CONTRACT' (NIC) THIS TIME. DEVELOPER AND CITY TO DISCUSS MITHIN PUBLIC RICHT-OF-WAY AS IT RELATE ALOWG IOTH STREET AS WELL AS SCOPE OF MUSEUM PROPERTY TO THE NORTHWEST.

#### SHEET NOTES:

- () CONCRETE VERTICAL CURB, 6-INCH TALL.
- (2) CONCRETE CURB AND GUTTER, 6-INCH TALL.
- (3) CONCRETE VALLEY GUTTER, 3-FEET WIDE.
- (4) BIO-RETENTION PLANTER.
- (5) CONCRETE RETAINING WALL SUPPORTING ABOVE GRADE PATIO SPACE.
- 6 REMOVE EXISTING TREE/LANDSCAPE ISLAND AND REPLACE WITH ASPHALT
- (7) RAISED CONCRETE PAVING TO BE FLUSH WITH PEDESTRIAN SIDEWALK ADJACENT TO BUILDING.
- 8 ABOVE GRADE PATIO SPACE.
- (9) ACCESSIBLE RAMP TO ABOVE GRADE PATIO SPACE
- (10) VAN ACCESSIBLE PARKING STALL.
- (1) ACCESSIBLE PARKING STALL.
- (12) CATCH BASIN.

#### LEGEND



AC OVERLAY

SAWCUT/CONFORM LINE









AC PAVEMENT

PEDESTRIAN CONCRETE

VEHICULAR CONCRETE

PERMEABLE CONCRETE

PLANTING

E

BIO-TREATMENT AREA









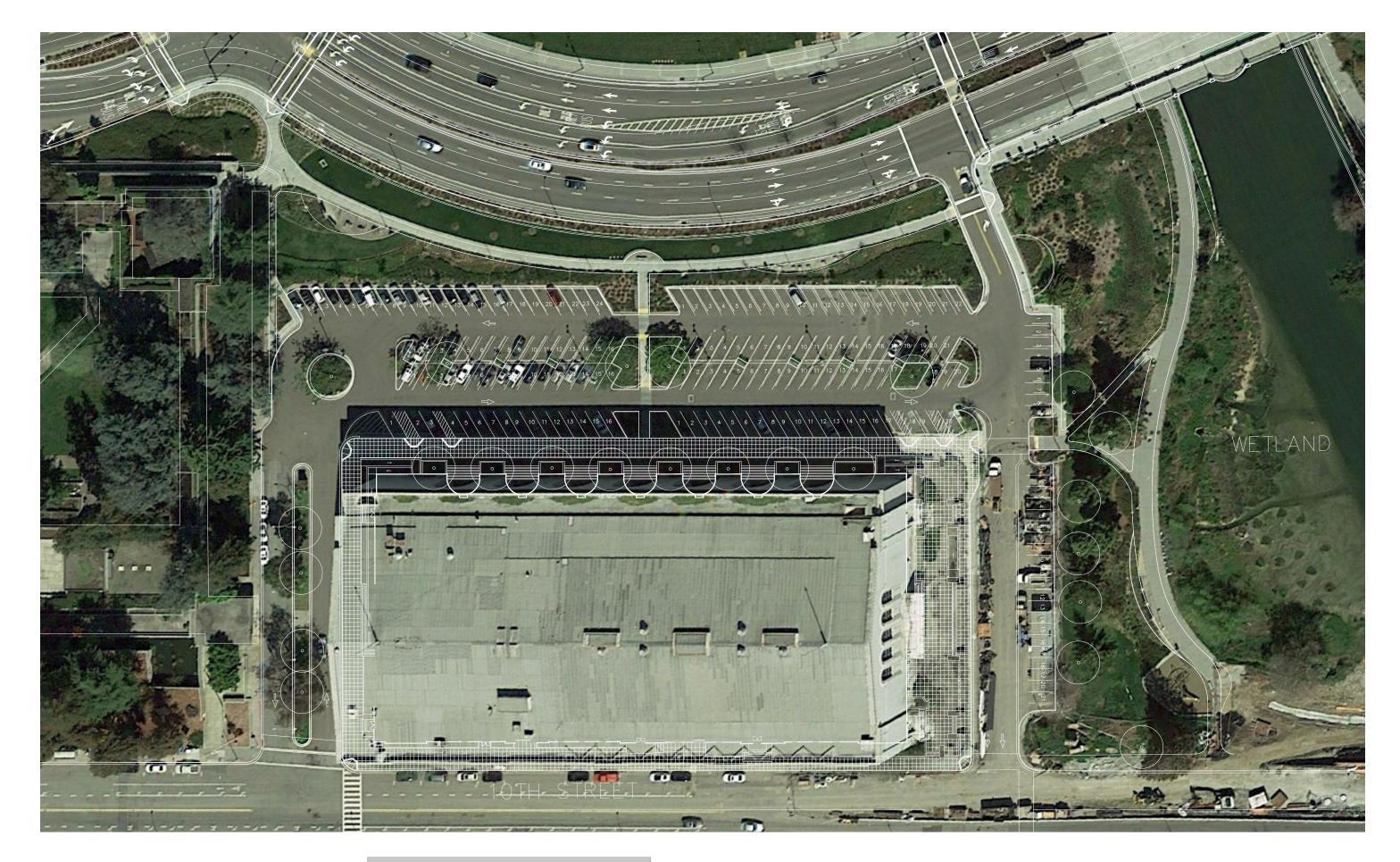






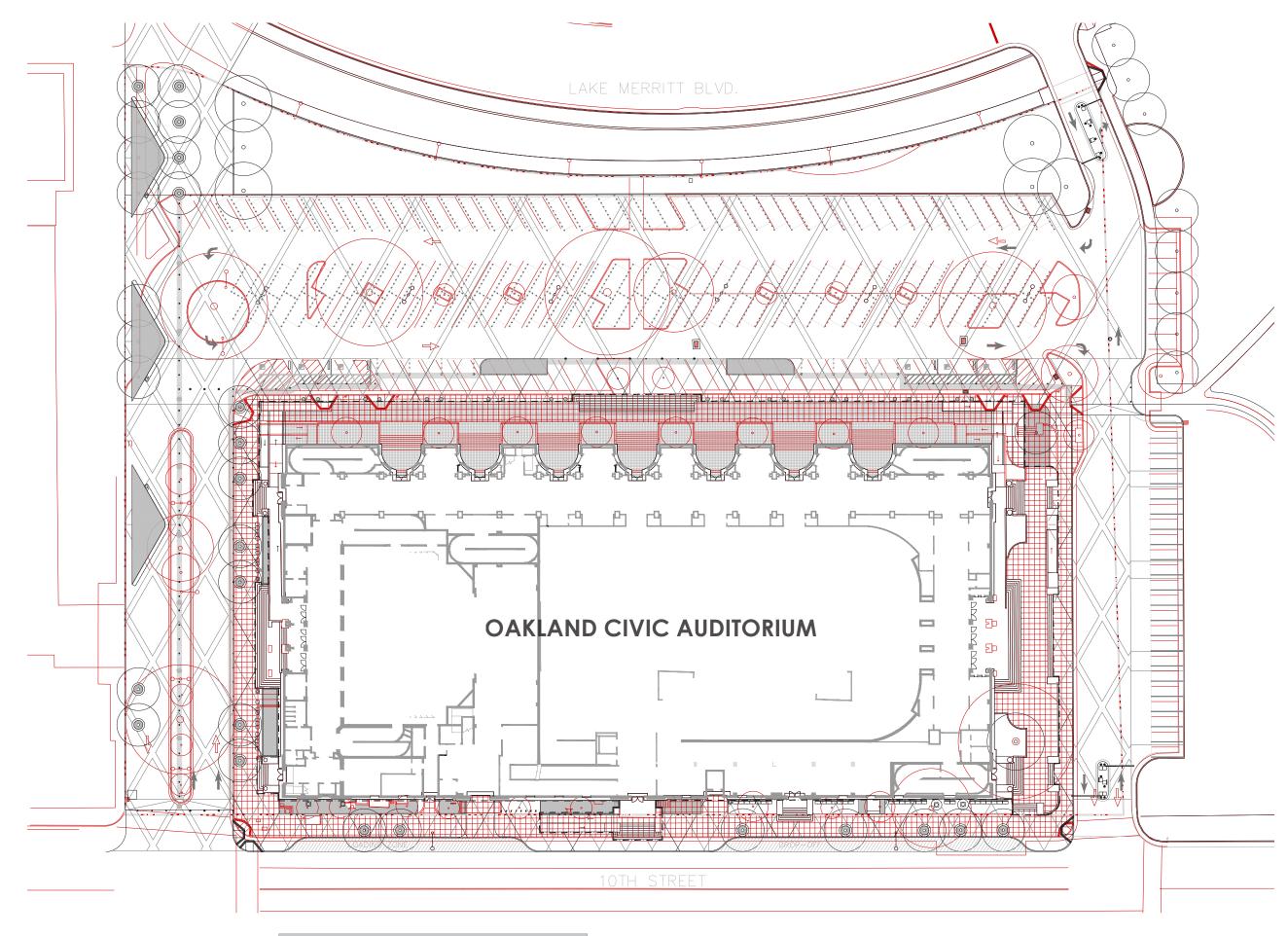


# STUDIO



















ILLUSTRATIVE PLAN











IN	Π	



ADC	BEVERAGE CONTROL	00		00.0	000 5 5 0 0 5 0 1
ABUT	ABUNTMENT	GM	GAS METER	RIM	RIM ELEVATION
AB	AGGREGATE BASE	GND	GROUND	REINF	REINFORCING
AC	ASPHALT CONCRETE			RP	REC. AND PARK DEPARTMENT
ACP	ASBESTOS CEMENT PIPE	н	HEIGHT OR HORIZONTAL	RSC	RIGID STEEL CONDUIT
AD	AREA DRAIN	HB	HOSE BIB	RSC	RIGHT
		HDPE	HIGH DENSITY POLYETHYLENE	ROW	RIGHT-OF-WAY
ADA	AMERICANS WITH DISABILITIES ACT	TIDIL	HIGH DENSITY FORTEHTILENE	RWLOL	RETAINING WALL LAYOUT LINE
AL	AREA LIGHT			C	
APPROX	APPROXIMATE	ID	INLINE DRAIN	3	
		INV	INVERT	S	SLOPE OR SOUTH
BC	BOTTOM OF CURB	IE	INVERT ELEVATION	SAD	SEE ARCHITECTURAL DRAWINGS
BDRY	BOUNDARY	IJ	ISOLATION JOINT	SCD	SEE CIVIL DRAWINGS
BEG	BEGIN			SED	SEE ELECTRIAL DRAWINGS
BF	BOTTOM FACE		10117	SID	SEE IRRIGATION DRAWINGS
		JT	JOINT	SSD	SEE STRUCTURAL DRAWINGS
BLDG	BUILDING			SCH	SCHEDULE
BM	BENCH MARK	LA	LANDSCAPE ARCHITECT	SD	STORM DRAIN
BVC	BEGIN VERTICAL CURVE	L	LENGTH	SDMH	STORM DRAIN MANHOLE
BS	BOTTOM OF STAIR	LF	LINEAR FEET		
BW	BOTTOM OF WALL	LT	LEFT	SQ	SQUARE FEET
		LOL	LAYOUT LINE	SHT	SHEET
c	CONDUIT			SIM	SIMILAR
		LOW	LIMIT OF WORK	SOG	SLAB ON GRADE
CALC	CALCULATED			SP	SPACE OR SPACING
CALTRANS	CALIFORNIA DEPARTMENT OF TRANSPORTATION	MH	MANHOLE	SQ	SQUARE
CATV	CABLE TELEVISION	MAINT	MAINTENACE	SS	SANITARY SEWER OR STAINLESS
		MAX	MAXIMUM		STEEL
CB	CATCH BASIN	MIN	MINIMUM	SSC0	SANITARY SEWER CLEANOUT
CCM	CELLULAR CONCRETE MAT	MISC	MISCELLANEOUS	SSMH	SANITARY SEWER MANHOLE
CI	CAST IRON	MISC	MAJOR	STA	STATION POINT
CIDH	CAST-IN-DRILLED HOLE			STD	STANDARD
CIP	CAST IN PLACE	MNR	MINOR	STL	STEEL
CJ	CONTROL JOINT	MOD	MAYOR'S OFFICE ON DISABILITY	SSTL	STAINLESS STEEL
CL	CENTER LINE OR CHAIN LINK	MON	MONUMENT	SW	SIDWALK
CLR	CLEAR				
C0	CLEANOUT	N	NEW OR NORTH	SYM	SYMBOL
CONC	CONCRETE	NE	NEAR FACE		
CONT	CONTINUOUS	NGVD	NATIONAL GEODETIC VERTICAL DATUM	T	TANGENT OR TELEPHONE
				TBD	TO BE DETERMINED
COTG	CLEAN OUT TO GRADE	NIC	NOT INCLUDED IN CONTRACT	TC	TOP OF CURB
CU FT	CUBIC FEET	NO	NUMBER	TF	TOP FACE
		NOS	NUMBERS	TEMP	TEMPORARY
DB	DRAIN BASIN	NTS	NOT TO SCALE	TJPA	TRANSBAY JOINT POWERS AUTHOR
DI	DRAINAGE INLET				
DIA	DIAMETER	0C	ON CENTER	TOF	TOP OF FOOTING
DIM	DIMENSION	OD	OUTER DIAMETER	TOR	TOP OF RAMP
				TOS	TOP OF SLAB
DWG	DRAWING	OF	OUT FALL	TOT	TOTAL
		OG	ORIGINAL GROUND	TP	TELEPHONE POLE
E	EXISTING OR EAST	OH	OVERHEAD	TW	TOP OF WALL
EA	EACH			TS	TOP OF STAIR
EC	END OF CURVE	PA	PLANTING AREA	TYP	TYPICAL
EF	EACH FACE	PED	PEDESTRIAN		
EJ	EXPANSION JOINT	PE	POLYETHYLENE		
				UNO	UNLESS NOTED OTHERWISE
ELEV	ELEVATION	PI	POINT OF INTERSECTION		
		POB	POINT OF BEGINNING	VEH	VEHICULAR
	ELECTRICAL		POINT ON CURVE		
EQ	EQUAL	POC			
EQ		POC POT	POINT OF TANGENCY	V	VERTICAL VALVE BOX
EQ	EQUAL			VB	VALVE BOX
EQ EVC EW	EQUAL END OF VERTICAL CURVE	POT	POINT OF TANGENCY		
EQ EVC EW	EQUAL END OF VERTICAL CURVE EACH WAY	POT PP	POINT OF TANGENCY POWER POLE	VB	VALVE BOX
EQ EVC EW EXP	EQUAL END OF VERTICAL CURVE EACH WAY EXPANSION	POT PP PSI PT	POINT OF TANGENCY POWER POLE POUNDS PER SQUARE INCH POINT	VB	VALVE BOX
EQ EVC EW EXP F	EQUAL END OF VERTICAL CURVE EACH WAY EXPANSION FOCAL POINT	POT PP PSI PT PTDF	POINT OF TANGENCY POWER POLE POUNDS PER SQUARE INCH POINT PRESSURE-TREATED DOUG FIR	VB VC W	VALVE BOX VERTICAL CURVE WEST OR WATER
EQ EVC EW EXP F F	EQUAL END OF VERTICAL CURVE EACH WAY EXPANSION FOCAL POINT FINISHED FLOOR	POT PP PSI PT PTDF PERM	POINT OF TANGENCY POWER POLE POUNDS PER SQUARE INCH POINT PRESSURE-TREATED DOUG FIR PERMANENT	VB VC W W	VALVE BOX VERTICAL CURVE WEST OR WATER WITH
EQ EVC EW EXP F F F F F F G	EQUAL END OF VERTICAL CURVE EACH WAY EXPANSION FOCAL POINT FINISHED FLOOR FINISH GRADE	POT PP PSI PT PTDF	POINT OF TANGENCY POWER POLE POUNDS PER SQUARE INCH POINT PRESSURE-TREATED DOUG FIR	VB VC W W W/ WO	VALVE BOX VERTICAL CURVE WEST OR WATER WITH WITHOUT
EQ EVC EW EXP F F F F F F G	EQUAL END OF VERTICAL CURVE EACH WAY EXPANSION FOCAL POINT FINISHED FLOOR	POT PP PSI PT PTDF PERM	POINT OF TANGENCY POWER POLE POUNDS PER SQUARE INCH POINT PRESSURE-TREATED DOUG FIR PERMANENT	VB VC W W W/ WO WC	VALVE BOX VERTICAL CURVE WEST OR WATER WITH WITHOUT WHEELCHAIR ACCESSIBLE
ELECT EQ EVC EW EXP F F F F F F F G F H FL	EQUAL END OF VERTICAL CURVE EACH WAY EXPANSION FOCAL POINT FINISHED FLOOR FINISH GRADE	POT PP PSI PT PTDF PERM	POINT OF TANGENCY POWER POLE POUNDS PER SQUARE INCH POINT PRESSURE-TREATED DOUG FIR PERMANENT	VB VC W W W/ WO WC WM	VALVE BOX VERTICAL CURVE WEST OR WATER WITH WITHOUT WHEELCHAR ACCESSIBLE WATER METER
EQ EVC EW EXP F F FF FG FH	EQUAL END OF VERTICAL CURVE EACH WAY EXPANSION FOCAL POINT FNISHED FLOOR FINISH GRADE FINISH GRADE FIRE HTDPANT	POT PP PSI PT PTDF PERM PERF	Point of Tangency Power Pole Pounds per Square Inch Point Pressure-treated Doug Fir Permanent Perforated	VB VC W W W/ WO WC	VALVE BOX VERTICAL CURVE WEST OR WATER WITH WITH WITHOUT WHEELCHAIR ACCESSIBLE

GAS GALLON GALVANIZED GRADE BREAK GAS METER

GAL GALV GB

ABBREVIATIONS

ABC ABUT AB AC CA DEPARTMENT OF ALCOHOLIC BEVERAGE CONTROL ABUNTMENT

RADIUS

REINFORCED CONCRETE BOX REINFORCED CONCRETE PIPE ROAD RIM ELEVATION

RCB RCP RD RIM

GENERAL NOTES

QUALITY CONTROL NOTES

ACCESSIBILITY NOTES

## 3. PLANS SHALL BE TYPICAL OF THER SPECES AND WATETY, HAVE NORMAL GROWTH HABITS, WELL DEVELOPED BRANCHES, DENSELY FOLATED, VICOROUS ROOT SYSTEM AND BE FREE FROM DEFECTS AND INLIDES.

4. Contractor shall report any sol or drainage conditions considered detrimental to the growth of the plant material. 5. All plant material shall be guranteed by the contractor to be in vicorous growing condition. Provision shall be made for a growth gurantee of at least two (2) years for trees and a minimum or two (2) years for shall be made at the beginning of the first succeeding planting sensity. All replacement shall have a gurantee could to the statid above.

QULITY IND SIZE OF PLATES, SPEED OF POIST, BUT AT INTEL (1) WIT FERDER WHEN QULRENT.
 QULITY IND SIZE OF PLATES, SPEED OF POIST, BUS SIZE OF BLLS, SPEED OF SIZE OF BLLS, SPEED OF PLATE, SPEED OF PLATE, SPEED OF POIST, BUS SIZE OF BLLS, SPEED OF PLATES, SPEED OF PLATES,

9. PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK AND BREAK BRANCHES. PLANTS SHALL BE HANDLED FROM THE BOTTOM OF THE BALL ONLY.

10. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE.

11. NO PLANT, EXCEPT GROUND COVERS, SHALL BE PLANTED LESS THAN TWO (2) FEET FROM EXISTING STRUCTURES AND SIDEWALKS. 12. SET PLINTS PLUNB AND STRAIGHT SET AT SUCH LEVEL THAT AFTER SETTLEMENT A NORMAL OR NATURAL RELATIONSHIP TO THE CROWN OF THE PLANT WITH THE GROUND SURFACE WILL BE ESTABLISHED. LOCATE PLUNT IN THE CENTER OF THE PIT.

13. ALL INJURED ROOTS SHALL BE PRUNED TO MAKE CLEAN ENDS BEFORE PLANTING, REFER TO SPECIFICATIONS FOR PRUNING RECOMMENDATIONS

14. EACH TREE AND SHRUB SHALL BE PRUNED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICE TO PRESERVE NATURAL CHARACTER OF THE PLANT. PRUNING SHALL BE DONE WITH CLEAN. SHARP TOOLS.

15. TREES SHALL BE SUPPORTED MMEDIATELY AFTER PLANTING ONLY WHEN CONDITIONS MERT. ALL TREES SX (6) INCHES AND OVER IN CALIPER SHALL BE GUYED. SMALLER TREES SHALL BE STAKED. GUYING WIRES AND STAKES SHALL BE INSTALLED AS INDICATED.

16. SHOULD A PLANT BE UNAVAILABLE AT THE TIME OF INSTALLATION, ALL SUBSTITUTIONS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT.

17. Areas to be landscaped shall receive stockpiled topsoil to a minimum depth of four (4) to six (6) inches. Organic matter content of topsoil shall be a minimum of 4 percent. In the event that organic matter content is deficient, soil maindiments shall be added as necessary to achieve the required percentage.

18. PLANTING OPERATIONS SHALL INCLUDE THE COMPLETE REMOVAL OF ALL SYNTHETIC MATERIAL (IF USED) FROM THE ROOTBALL PRIOR TO PLANTING.

19. UNLESS OTHERWISE INDICATED ON DRAWINGS OR SPECIFICATION, ALL DISTURBED AREAS NOT PAVED OR MULCHED SHALL BE SEEDED.

20. WHEN TREE GROWTH BEGINS, ALL STAKES AND/OR GUYING SHALL BE REMOVED IN ACCORDANCE WITH SPECIFICATIONS. 21. CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES PRIOR TO STARTING WORK.

3. LANDSCAPE ARCHITECT TO PROVIDE CAD FILE FOR STAKING OF LAYOUT AND ESTABLISHMENT OF CONTROL POINTS PER GRADING PLAN. 4. GRACE BREAKS SHALL BE DRRESSED AS SHARP CLEAN UNES IN FINISH PAVING AND LANGSCAPE AREAS UNLESS OTHERMISE NOTED. REFER TO FINISH GRADING SPECIFICATIONS FOR TOLERANCES. LANGSCAPE ARCHITECT TO REVEN ALL LANGSCAPE FINISH GRADING, PRIOR TO AND AFTER PLANTING.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLANTING AT CORRECT GRADES AND ALIGNMENT.

3. ALL PAVING AREAS SHALL NOT EXCEED A 2% MAXIMUM SLOPE IN ANY DIRECTION UNLESS OTHERWISE NOTED.

4. FOR ALL BUILDING DOOR THRESHOLD DETAILS SEE ARCHITECTURE DRAWINGS.

SITE LAYOUT AND GRADING NOTES

PLANTING NOTES

5. ALL GRADES REFER TO FINISH PAVING GRADES UNLESS OTHERWISE NOTED.

6. THE CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING STREETS, SURROUNDING LANGSOME AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING, CURES, SUTTERS, SDEINLUS, LANGSOME, CRONG, ETC., MAD TO ANDD AVI ABULT OR APPRENT CHANGES IN GRADES OR CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS. PROVIDE A SMOOTH TRANSITION FROM LANGSOME AREAS TO INCHING PREVAMENTATION IN PAVING, CURES, SUBJECT OR AND AVIA ADVIATOR APPRENT CHANGES IN GRADES OR CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS. PROVIDE A SMOOTH TRANSITION FROM LANGSOME AREAS TO INCHING PREVAMENTATION FROM LANGSOME AREAS TO INCHING PREVAMENTATION IN PAVING, CURES, SUBJECT OR CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS. PROVIDE A SMOOTH TRANSITION FROM LANGSOME AREAS TO INCHING PREVAMENTATION FROM LANGSOME AREAS TO INCHING PRE

1. The documents describe design intent. Contractor is responsible for providing complete, operational systems and installations. All materials shall be furnished and installed by the contractor unless otherwise noted.

2. ALL DIMENSIONAL NOTES AND DETAILS SHOWING A PORTION OF A DRAWING SHALL APPLY TYPICALLY TO ALL OPPOSITE HAND AND/OR SIMILAR CONDITIONS, UNLESS OTHERWISE

3. THE CONTRACTOR IS RESPONSELE TO FIELD INVESTIGATE, AND VERIFY ALL CONDITIONS, ELEVATORIS AND DMENSIONS OF THE PROJECT, AS SHOWN ON OR REFERENCED ON THE DRAWNOSS. IF THERE ARE ANY DOSCREPANCES ETHEREN DWENSIONS OR GRADES IN DRAWNOSS AND DXSTING CONDITIONS WHIch HILL AFFECT THE WORK, THE CONTRACTOR SHULL BRONS SYCH DOSCREPANCES TO THE ATTRIDUNC OF THE LA TOR ALUSTINGHE TERRE PROCEDUS MIT THE WORK. THE CONTRACTOR SHULL BE RESPONSIBLE FOR THE PROPER FITTING OF ALL WORK AND FOR THE COMPONATION OF ALL TRADES, SUBCONTRACTORS AND PERSONS ENGAGED UPON THE CONTRACT.

4. REFER TO CIVIL DRAWINGS FOR ALL NOTES AND INFORMATION RELATED TO EXISTING AND PROPOSED UTILITIES INCLUDING LOCATION OF EXISTING UTILITIES PRIOR TO ANY SITE DEMOLITION OR CLEARING OR ASSOCIATED WITH ANY SITE GRADING OR TRENCHING OPERATIONS.

5. REFER TO STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR ALL NOTES AND INFORMATION REGARDING BUILDING EXCAVATIONS.

6. ALL CONSTRUCTION ACTIVITIES SHALL BE PERFORMED IN SUCH A MANNER AS TO COMPLY WITH THE STANDARDS ESTABLISHED BY THE AIR QUALITY MAINTENANCE DISTRICT FOR AIRBORNE PARTICULATE (DUST).

Contractor is to submit a summary of all landscape submitles necessary for landscape work and associated scope itely for approval based on the approved listing of project landscape submitles contractor is to submit all necessary documentation in accordance with contract.

2. All shop drawings required as part of landscape improvements shall be coordinated with all associated disciplines, site and architectural conditions, drawings shall show adjuscent regramma that will give clara noication of the interface to structures, foundations, utilities, property unles and escentrations, no any other necessary regrammation.

1. ALL SITE WORK SHALL BE IN CONFORMANCE WITH TITLE 24 OF THE CALIFORNIA ADMINISTRATIVE CODE AND WITH THE AMERICANS WITH DISABILITIES ACT.

2. ALL PANIG AREA SHALL RE ACCESSIBLE PRI TILE 24. ACCESSIBLE PARIE OF TRAVEL ARE A BARRER-TREE ACCESS ROUTE WITHOUT ANY ARRIPE LIVEL OWNORS DICEEDING 1/2" IF BORLED AT 12. WAY SLOPE, OR VERTICAL LIVEL, OWNORS NOT EXCESSIONE 1/4" WAY, AND AT LEXEL 4" IN WOTH. SURFACE IS STARLE, FRIN, MOS UP RESSIMUT. CROSS SLOPE DOES NOT DICED 22. AND SLOPE ON THE DIRECTION OF DIRELS LISS. THAN AS, AND SCH DIRECTION FROM WOLL AND ABOVE 22" AND LESS THAN 80". LINDSCHARE AND LIVEL OF OVERHVARING DEGISTRATION TO BUY MINIMUM, AND PROTORNO GREATS GREATER THAN 4" PROJECTION FROM WOLL AND ABOVE 22" AND LESS THAN 80". LINDSCHARE ARCHITECT SHALL VERY THAT THERE ARE NO BARRERS IN THE PARIH OF TRAVEL.

1. REFER TO CML AND SITE UTILITY DRAININGS FOR ALL NOTES AND INFORMATION RELATED TO DEMOLTION, SITE PREPARATION, EXISTING AND PROPOSED UTILITES INCLUDING LOCATION OF EXISTING UTILITES PROR TO ANY SITE DEMOLTION OR CLEARING OR ASSOCIATED WITH ANY SITE GRADING OR TRENCHING OPERATIONS.

2. THE CONTINUTOR SHULL REVENT THE PLINS AND MAKE AN ASSESSMENT OF EARTHNORK BALAKE, BLICSS OR SHORTAGE. CONTINUTOR SHULL PREPARE BIOS SO AS TO INCLUDE ANY EDGESS INHOI MAY COLINE AND AS TO ANALIARE SPOL. STE IN EVANT OF AN EXCESS AND AS AS TO ANALIARE MATERIAL SUNKESS IN THE EVENT OF A SHORTAGE. INHUMINE COSTS. NO ANDITONIAL COMPENSION MULE ALL ALIADED DUE TO PROJECT ANTHNORK DESCES ON SHORTAGE.

7. ALL LIGHT FIXTURES AND OTHER SITE ELEMENTS SHALL BE SET PER DETAILS. ADJACENT GRADES SHALL NOT BE WARPED TO CONFORM WITH FIXTURES.

1. PLANT MATERIAL SHALL BE FURNISHED AND INSTALLED AS INDICATED INCLUDING ALL LABOR. MATERIALS. PLANTS. EQUIPMENT. INCIDENTALS AND CLEANUP.

MA	MATERIALS SCHEDULE										
PA	PAVING (P)										
KEY	SYNUB.	DESCRIPTION	detl. Nuw.	MATERIAL / MODEL	NANUFACTURER / SUPPLIER	color / Finish	QUANTITY	SPEC SECTION	COMMENTS		
P1		C.LP. COLORED CONCRETE	-	C.J.P. CONCRETE WITH SAWCUT JOINTS, PER PLANS	DAVIS COLORS, SEE SPECS	CUSTOM COLOR WITH BLACK MICA	5,490 SF	32 14 40	PROMENADE BANDS		
$\langle P2 \rangle$	1.	CJLP NATURAL CONCRETE		C.I.P. CONCRETE WITH SAWCUT JOINTS, PER PLANS	NA	NA	17,274 SF	32 14 40	SIDEWALK		
P3		PERVIOUS CONCRETE		C.J.P. CONCRETE WITH SAWCUT JOINTS, PER PLANS	TED	NA	18,000 SF+(9,000 SF BANDS)	32 14 40	WALKWAY AT NORTH SIDE AND EAST PARKING LOT AND PARKING BAND		
(P4)		8" HEXAGONAL ASPHALT BLOCKS (3" THICK)		ASPHALT BLOCK /A80026	HANOVER	ground finish	10,990 SF	32 14 40	PROMENADE PLAZA		
(P5)		TACTILE DOMES		STEEL/ ADV-D-1281	advinitinge tactile systems	STAINLESS STEEL	2,470 SF	32 14 40	PROMENADE PLAZA AND NORTH SIDEWALK		
<b>P6</b>		THERMOPLASTIC PAVEMENT		THERMOPLASTIC	TRAFFIC PATTERNS	GREY	9,000 SF	32 14 40	NORTH AND EAST PARKING LOT BAND		
(P7)		ASPHALT		ASPHALT		BLACK	3,670 SF	-	PROMENADE		

DR/	AINAGE	E AND T	REE (	GRATE(D)					
KEY	SYMB.	DESCRIPTION	detl. Num.	MATERIAL / MODEL	MANUFACTURER / SUPPLIER	color / finish	QUANTITY	SPEC SECTION	COMMENTS
D1	0	TREE GRATE	-	GRAY CAST IRON/B-TG876	BARRY CRAFT	BLACK	23	05 50 00	
D2		TRENCH DRAIN GRATE	-	TRENCH DRAIN COVER, FOR DRAIN TYPE SEE PLUMBING	ACO GALVANIZED LONGITUDINAL GRATE, SEE SPECS	GALWINIZED STEEL	470 LF	05 50 00	

MANUFACTURER / SUPPLIER

FORMS+SURFACES, SEE SPECS

FORMS+SURFACES, SEE SPECS

ANDSCAPE FORMS OR APPROVED EQUAL

LANDSCAPE FORMS OR APPROVED EQUAL

ANDSCAPE FORMS OR APPROVED EQUAL

LOUIS POULSEN

QUICK CRETE PRODUCTS CORP.

QUICK CRETE PRODUCTS CORP.

QUICK CRETE PRODUCTS CORP.

MANUFACTURER / SUPPLIER

grind to a halt, see specs

POWDER COATED, GRAPHITE

STEEL/ DOUBLE LAYER POWDER COATING

NATURAL

NATURAL

NATURAL

color / Finish

STAINLESS STEEL W/ A BLACK OXIDE FINISH

9

6

30

22

3 X 58 LF

QUANTITY

113

SPEC COMMENTS

05 50 00 FOR CONCRETE

SITE FURNISHING AND LIGHTING FIXTURES(SF) KEY SYMB. DESCRIPTION DETL. MATERIAL / MODEL

Olympia bike rack

POWDERCOAT Alluminum/Urban Rennissance

"STOP" LED BOLLARD

"STOP" REMOVABLE BOLLARD

"STOP" BOLLARD

ALUMINUM/ LP NEST

STREETUFE

CUSTOM PRECAST CONCRETE BENCH

CAST-IN-PLACE CONCRETE BENCH

CAST-IN-PLACE CONCRETE BENCH

THREADED GRINDERMINDER

SF1 4 4 BICYCLE RACK

SF2 D LITTER RECEPTACLE

SF3 
BOLLARD LIGHT

SF4 

REMOVABLE
BOLLARD

SF5 • Fixed Bollard

SF6 O NEST LIGHT

SF7 D WNE FREE STANDING TOWER

SF8 CUSTOM CONCRETE BENCH W/ A BACK

SF9 C CAST IN-PLACE CONCRETE BENCH

(SF10)

SK o

CAST IN-PLACE CONCRETE BENCH

OTHER LANDSCAPE ELEMENTS KEY SYMB. DESCRIPTION DETL. MATERIAL / WODEL

SKATE DETERRENT

DUNIX	3,070 34	_	PROFEMALE					
color / Finish	QUANTITY	SPEC SECTION	COMMENTS				ÐIST	ĐOS
BLACK	23	05 50 00						
				1				
galvanized steel	470 LF	05 50 00			VIN	ES		
				1	AREA	ICON	KEY	BOTA
					140 SF		JMPL	JASMINU
color / Finish	QUANTITY	SPEC	COMMENTS	1	SF		ann	JASMINU
				-	36 SF		GLTR	FIC
ALUMINUM TEXTURE	8	32 33 00						
SILVER	5	32 33 00			STF	REETSCAPE MIX		
SILVER	13	32 33 00			AREA	ICON	KEY	BOTA
SILVER	6	32 33 00			3,678 SF		ACMI	ACHILLE
SILVER	124	32 33 00		1			CATU	CAREX

TRE	ES								
ŧ	ICON	KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY	WUCOLS	NOTES
1.		FRPE	FRAXINUS PENNISYLVANICA 'Summt'	summit ash	48" BOX	PER PLAN	22	MODERATE	
2.	Start Start	GLTR	gleditsia triacanthos	HONEY LOCUST	48" BOX	per plan	16	LOW	
3.	$\bigcirc$	ULFR	ulmus frontier	FRONTIER ELM	48" BOX	PER PLAN	6	LOW	
	+	ÐIST	EXISTING TREE	Various species as indicated on tree preservation plan	EXISTING	PER PLAN	AS INDICATED	EXISTING TREES TO BE PRESERVED	
VIN									
VIN AREA	IES ICON	KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY	WUCOLS	NOTES
140		1101			15.04	050 0144		MODERATE	
140 SF 36 SF	REFISCAPE MIX	JAPL GLTR	JASMINUM POLYMITHUM	PINK JASMINE Creeping Fig	15 GAL 5 GAL	per plan	12	MODERATE	
36 SF STF	REETSCAPE MIX	GLTR	FICUS PUMILA	CREEPING FIG	5 GAL	PER PLAN	24	MODERATE	NUTS
36 SF STF AREA	REETSCAPE MIX	GLTR	FICUS PUMILA BOTANICAL NAME	OREFING FIG	5 GAL SIZE	PER PLAN	24 QTY	MODERATE MUCOLS	NOTES
36 SF STF		glir Key Acm	FICUS PLANLA FICUS PLANLA BOTANICAL NAME ACHILLEX MILLEFOLIUM	CREEPING FIG COMMON NAME COMMON YAAROW	5 GAL SIZE 5 GAL	PER PLAN SPACING 12" O.C.	24 017 25%	NOCERATE NUCCUS NOCERATE	NOTES
36 SF STF AREA		GLTR	ROUS PUNEA BOTINICAL INME ACHLEA MILEFOLIM CNEX TUMULOOLA	OREFING FIG	5 GAL SIZE	PER PLAN	24 QTY	MODERATE MUCOLS	NOTES
36 SF STF AREA		GLTR KEY ACM CATU	FICUS PLANLA BOTANICAL NAME ACHILEX MILLEFOLIUM	CREEPING IPG	S GAL SIZE S GAL S GAL	PER PLAN SPACING 12" 0.C. 12" 0.C.	24 0TY 25% 25%	NOCENTE HICOLS NOCENTE LOW	NOTES
36 SF STF AREA 3,678 SF		GLIR KEY ACMI CATU DYMA	POLS PUNEA BOTINICAL NUME ACHILEA MILLEFOLIAM CAREX TUMULOCIA DYNONDA MARCHEETE	OREPING IND COMMON NAME COMMON VARION FOOTHLL SEDE SLUER CAPPET	5 GNL SIZE 5 GNL 5 GNL 5 GNL	PER PLAN SPACING 12" 0.C. 12" 0.C. 12" 0.C.	24 0177 253 253 253	NODENTE INCOLS NODENTE LOW	NOTES
36 SF STF 4REA 3.678 SF	ICON	GLTR KEY ACM CATU DYMA DYMA	POUS PUNILA BOTINICAL INME ACHILEA MILLEFOLIAM CAREX TUNULICOLA DYNONDA MARCHETEE SSTRENCHUM BELLUM	OREPING IND COLMION NAME COLMION NAME COLMION VARION FOOTHLL SEDIE SLUER CAMPET BLUE DED GRIGS	5 GNL SIZE 5 GNL 5 GNL 5 GNL	PER PLAN SPACING 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C.	24 017 253 253 253 253 253 253	NOCEMIE INCOLS NOCEMIE LOW LOW	
36 SF STF AREA 3,678 SF STC		GLTR KEY AGMI CATU DYMA DYMA	POLS PUBLIA POLS PUBLIA BOTINICAL INME ACHELEA MILLEFOLIM CAREX TUMULCOLA DYNCHUM MARGARETAE SSYRRICHUM BELLUM	OREPING ING COMMON INME COMMON INME COMMON INME BULE DED GRISS COMMON INME	5 GAL 5 GAL 5 GAL 5 GAL 5 GAL 5 GAL 5 GAL	PER PLAN SPACING 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C.	24 017 255 255 255 255 255 255 255 255 255	WOOSMIE III UOOS UOW LOW III UOUS III UOUS	NOTES
36 SF STF 4REA 3.678 SF	ICON	GUR KEY ACM DYMA DYMA KEY DECE	ROUS PUNILA ROUS PUNILA BOTINICAL NUME ACHILEX MILLEFOLIAM CAREX TUNILICOLA OVERX TUNILICOLA DYNONIA MARCHETEE SOTIRICAL INME BOTINICAL NUME DESIGNAPSIA CESPITICA	COMMON NAME COMMON NAME COMMON NAME COMMON NAME SUJER CARPET BULE DED ORIGS COMMON NAME TUTED INVERSES	5 QUL 5 QUL 5 QUL 5 QUL 5 QUL 5 QUL 5 QUL 5 QUL 5 QUL	PER PLAN SPACING 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 5PACING 12" 0.C.	24 017 25% 25% 25% 25% 25% 017 22%	NOCEMIE IIICOLS IIICOLS IIICOM IIICOLS IIICOLS IICOM	
36 SF STF AREA 3,678 SF STC	ICON	GLIR KEY ASM CNU DIMA DIMA KEY DECE NAPU	PICUS PUBLIA BOTINICAL INME ACHLEA MILLETOLIAM CAREX TANULOGUA DYMCNICA MIRCARETAE SCIFINICIAL NIME BESTINICAL NIME DESCINICIAL NIME DESCINICIAL NIME	OREPING IND COMMON INME COMMON INME COMMON INME FOOTHLL SEDGE SLIVER OWPET BLLE EYED ORKSS COMMON INME TUFTED HARDRISS PURPLE INEEDLEGRASS	5 OUL 5 OUL 5 OUL 5 OUL 5 OUL 5 OUL 5 OUL 5 OUL 5 OUL	PER PLAN SPACING 12° O.C. 12° O.C. 12° O.C. 12° O.C. 12° O.C. 12° O.C. 12° O.C. 12° O.C.	24 017 255 255 255 255 255 255 255 255 255 25	WOOSHITE III VOOS UOOSHITE LOW LOW WUOOLS LOW	
36 SF STF AREA 3,678 SF STC	ICON	GUR KEY ACM DYMA DYMA KEY DECE	ROUS PUNILA ROUS PUNILA BOTINICAL NUME ACHILEX MILLEFOLIAM CAREX TUNILICOLA OVERX TUNILICOLA DYNONIA MARCHETEE SOTIRICAL INME BOTINICAL NUME DESIGNAPSIA CESPITICA	COMMON NAME COMMON NAME COMMON NAME COMMON NAME SUJER CAMPET BULE DED ORIGS COMMON NAME TUTED INMEGRICS	5 QUL 5 QUL 5 QUL 5 QUL 5 QUL 5 QUL 5 QUL 5 QUL 5 QUL	PER PLAN SPACING 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 5PACING 12" 0.C.	24 017 25% 25% 25% 25% 25% 017 22%	NOCEMIE IIICOLS IIICOLS IIICOM IIICOLS IIICOLS IICOM	
36 57 STFF AREA 3.678 STC AREA 5772 SF	ICON	QUR KEY ACM COTU DYMA DYMA DYMA KEY RECE NEPE	ROUS PUNILA ROUS PUNILA BOTINICAL NUME ACHILEX MILLETOLIAM CAREX TANILICOLA OVERX TANILLOOLA DIVIONIA MARGAETAE SOTINICAL NAME BOTINICAL NAME DESCHARPSIA CESIFICICA NASELLA PULCHIRA NETERA SPP.	COMMON NAME COMMON NAME COMMON NAME COMMON NAME COMMON NAME SUJER CARPET BUE DED ORKS COMMON NAME TUFED HARDRASS COMMON NAME	5 OU. 5 OU.	PER PLAN SPACING 12° 0.C.	24 017 253 253 253 253 253 253 253 253 253 253	NODEWIE NODEWIE NODEWIE LOW	
36 5F STF AREA 3,678 STC AREA 572 SF	ICON	с.118 КСҮ АХМ САТИ DTMA DTMA CATU DTMA CATU DTMA CATU DTMA CATU DTMA CATU	POLS PUBLIA POLS PUBLIA BOTINICAL INME ACHILEA MILLEPOLIM CHEEX TURULCOLA DYDONICA UNREPENE SCIVENCIAL INME EESCHWERSIA CESPITICIA INGSELLA PULCIPIA INGSELLA PULCIPIA	OREPING ING COMMON INVE COMMON INVE COMMON INVEROIT BUE DED ORISS SURE CAPPET BUE DED ORISS COMMON INVE TUTED IMMERIAS PURPLE NEEDLEGNOS COMMOT COMMOT INSEL	5 OUL 5 OUL 5 OUL 5 OUL 5 OUL 5 OUL 5 OUL 5 OUL 5 OUL	PER PLAN SPACING 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C.	24 017 255 255 255 255 255 255 255 255 255 25	WOOSANTE III UCOUS UCORFATE UCORI UCORI UCORI UCORI UCORI UCORI UCORI UCORI	NOTES
36 57 STFF AREA 3.678 STC AREA 5772 SF	ICON	QUR KEY ACM COTU DYMA DYMA DYMA KEY RECE NEPE	ROUS PUNILA ROUS PUNILA BOTINICAL NUME ACHILEX MILLETOLIAM CAREX TANILICOLA OVERX TANILLOOLA DIVIONIA MARGAETAE SOTINICAL NAME BOTINICAL NAME DESCHARPSIA CESIFICICA NASELLA PULCHIRA NETERA SPP.	COMMON NAME COMMON NAME COMMON NAME COMMON NAME COMMON NAME SUJER CARPET BUE DED ORKS COMMON NAME TUFED HARDRASS COMMON NAME	5 OU. 5 OU.	PER PLAN SPACING 12° 0.C.	24 017 253 253 253 253 253 253 253 253 253 253	NODEWIE NODEWIE NODEWIE LOW	

PLA	NTING SCHEDULE								
TRE	ËS					-			
ŧ	ICON	KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY	WUCOLS	NOTES
1.		FRPE	FRAXINUS PENINSYLVANICA "Summit"	summit ash	48" BOX	PER PLAN	22	MODERATE	
2.	S S S S S S S S S S S S S S S S S S S	GLTR	gleditsia triacanthos	HONEY LOCUST	48" BOX	PER PLAN	16	LOW	
3.		ULFR	ulmus frontier	FRONTIER ELM	48" BOX	PER PLAN	6	LOW	
	+	DIST	EXISTING TREE	Various species as Indicated on Tree Preservation plan	EXISTING	PER PLAN	AS INDICATED	Existing: Trees to be preserved	
VIN	FS								
AREA	ICON	KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY	WUCOLS	NOTES
140 SF			JASMINUM POLYANTHUM	PINK JASMINE	15 GAL	PER PLAN	12	MODERATE	
		JMPL	JASMINUM POLYANTHUM	PINK JASNINE	13 04				
		GLTR	JUSMINUM POLYANTHUM	CREEPING FIG	5 GAL	PER PLAN	24	MODERATE	
36 SF STF	REETSCAPE MIX								NOTES
36 SF STF AREA		GLIR	FICUS PUMILA	CREEPING FIG	5 GAL	PER PLAN	24	MODERATE	NOTES
36 SF STF		GLTR	FICUS PUMILA BOTANICAL NAME	OREEPING FIG	5 GAL SIZE	PER PLAN	24 QTY	MODERATE MUCOLS	NOTES
36 SF STF AREA		glir Key Acan	FICUS PLANLA FICUS PLANLA BOTANICAL NAME ACHILEA MILLEFOLUIAM	CREEPING FIG COMMON NAME COMMON YARROW	5 GAL SIZE 5 GAL	PER PLAN SPACING 12" O.C.	24 0TY 25%	NOCERATE NUCCUS NOCERATE	NOTES
36 SF STF AREA		GLTR KEY ACM CATU	ROUS PUNILA BOTANICAL NAME ACHILEA MILLEFOLIM ONEX TUMULOOLA	CREEPING PG COMMON NAME COMMON VARION FOOTHLL SEDGE	S GAL SIZE S GAL S GAL	PER PLAN SPACING 12" 0.C. 12" 0.C.	24 QTY 25% 25%	NOCENTE HICOLS NOCENTE LOW	NOTS
36 SF STF AREA 3,678 SF		glir Key Acan Catu Dyaa	POUS PUNILA BOTANICAL INME ACHILEA MILLEFOLIM CAREX TUMULOOLA D'MONDA MAGARETEE	OREPING ING COMMON NAME COMMON VARION FOOTHLL SEDGE SLUER CAPPET	S GNL SIZE S GNL S GNL S GNL	PER PLAN SPACING 12" 0.C. 12" 0.C. 12" 0.C.	24 01Y 25% 25% 25%	NODENTE INCOLS NODENTE LOW	NOTES
36 SF STF AREA 3,678 SF		glir Key Acan Catu Dyaa	POUS PUNILA BOTANICAL INME ACHILEA MILLEFOLIM CAREX TUMULOOLA D'MONDA MAGARETEE	OREPING ING COMMON NAME COMMON VARION FOOTHLL SEDGE SLUER CAPPET	S GNL SIZE S GNL S GNL S GNL	PER PLAN SPACING 12" 0.C. 12" 0.C. 12" 0.C.	24 01Y 25% 25% 25%	NODENTE INCOLS NODENTE LOW	NOTES
36 SF STF AREA 3.678 ST( AREA	ICON	GLTR KEY ACM CATU DYMA DYMA	POUS PUNILA BOTANICAL INME ACHILEA MILLEFOLIAM CAREX TANALOGIA D'MONDA WARARETEE SSITRICHUM BELLUM	OREPING ING COMMON NAME COMMON VARION FOOTHLL SEDGE SLUER CAPPET BLUE DED ORIGS	5 GAL SZZE 5 GAL 5 GAL 5 GAL 5 GAL	PER PLAN SPACING 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C.	24 01Y 25% 25% 25% 25% 25%	NOCEMIE INCOLS NOCEMIE LOW LOW	
36 SF STF AREA 3,678 SF	ICON	GLTR KEY AGMI CATU DYMA DYMA	POUS PUNILA BOTINICAL INNE ACHLEA MILLEGUUM CREX TUMULCOLA D'INCIALA WRORETRE SSTRICHUM RELLUM	OREPING IPD COMMON INME COMMON IVARIOW FOOTHLL SERGE SLIFE CAPPET BLLE EVED GRISS COMMON INME	5 GAL 5 GAL 5 GAL 5 GAL 5 GAL 5 GAL 5 SZZ	PER PLAN SPACING 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C.	24 01Y 255 255 255 255 255 255 255	WOOSMIE III UOOS UOW LOW III UOUS III UOUS	
36 SF STF AREA 3.678 ST( AREA	ICON	GUR KEY ACM DNMA DNMA KEY DECE	PRUS PUNILA PRUS PUNILA BOTANICAL INME ACHILES MILLETOLIAM CAREX TUNILIOOLA OTIXICIA MIGRIETEE SISTRICHUM BELLUM BOTANICAL INME DESIGNAPSIA CESPITICSA	OREPING ING COMMON NAME COMMON NAME COMMON VARION FOOTHLL SEDGE SLUER CARPET BLUE DED ORIGS COMMON NAME TUTED INMRORISS	5 GUL 5 GUL 5 GUL 5 GUL 5 GUL 5 GUL 5 GUL	PER PLAN SPACING 12° 0.C. 12° 0.C. 12° 0.C. 12° 0.C. 12° 0.C. 12° 0.C.	24 01Y 25% 25% 25% 25% 25% 01Y 25%	NOCEMIE IIICOLS IIICOLS IIICOM IIICOLS IIICOLS IICOM	
36 SF STF AREA 3.678 ST( AREA	ICON	QLIR K2Y AOM ONN DNM DNM K2Y DOC2 NRPJ	POUS PUNILA BOTINICAL INME ACHLEA MILLETOLIM CREX TUMULOCUA DYNONICA MARGARETAE SISTRICHUM BELLUM BOTINICAL INME DESCHMERSA CESPITICSA INSSELLA PULCIPIA	OREPING PG COMMON INME COMMON INME COMMON INME TOOTHLL SEDGE SLIVER CARPET BLLE EVED ORIGS SLIVER CARPET TUFTED HARDRISS PURPLE INEEDLORIKSS	5 GAL 5 GAL 5 GAL 5 GAL 5 GAL 5 GAL 5 GAL 5 GAL 5 GAL	PER PLAN SPACING 12° O.C. 12° O.C. 12° O.C. 12° O.C. 12° O.C. 12° O.C. 12° O.C. 12° O.C.	24 01Y 255 255 255 255 255 255 255 255 255 25	WOOSHITE III VOOS UOOSHITE LOW LOW WUOOLS LOW	
36 SF STF AREA 3,678 SF ST( AREA 572 SF	ICON		ROUS PUNILA ROUS PUNILA BOTANICAL INME ACHILES MILLETOLIAM CAREX TANILLOOLA OTIXICAL MILLETOLIAM CAREX TANILLOOLA DIVIOXICA MAGARETAE SISTRICHUM BELLUM BOTANICAL INME DESCHMIPSIA CESPTICEA INSEELIA PULCHEA INEXELA SUP.	COMMON NAME COMMON NAME COMMON NAME COMMON NAME COMMON NAME SULE DED ORKS COMMON NAME TUFED IMMRORKS PURPLE NEEDLEORKS COMMON	5 GUL 5 GUL 5 GUL 5 GUL 5 GUL 5 GUL 5 GUL 5 GUL 5 GUL	PER PLAN SPACING 12° 0.C.	24 01Y 25% 25% 25% 25% 25% 01Y 25% 25% 25%	NODEWIE NODEWIE NODEWIE LOW	
36 ST STF AREA 3.678 ST ST AREA 5772 ST	ICON		ROUS PUNILA ROUS PUNILA BOTANICAL INME ACHILES MILLETOLIAM CAREX TANILLOOLA OTIXICAL MILLETOLIAM CAREX TANILLOOLA DIVIOXICA MAGARETAE SISTRICHUM BELLUM BOTANICAL INME DESCHMIPSIA CESPTICEA INSEELIA PULCHEA INEXELA SUP.	COMMON NAME COMMON NAME COMMON NAME COMMON NAME COMMON NAME SULE DED ORKS COMMON NAME TUFED IMMRORKS PURPLE NEEDLEORKS COMMON	5 GUL 5 GUL 5 GUL 5 GUL 5 GUL 5 GUL 5 GUL 5 GUL 5 GUL	PER PLAN SPACING 12° 0.C.	24 01Y 25% 25% 25% 25% 25% 01Y 25% 25% 25%	NODEWIE NODEWIE NODEWIE LOW	
36 SF STF AREA 3,678 ST( AREA 572 SF	ICON	аля кет ком скли скли скли скли скли скли скли скли	POUS PUNILA POUS PUNILA BOTINICAL INNE ACHILEA MILLETOLIM CAREX TUNILICOLA DYDOXICA UNRERETAE SSTREICHUM BELLUM BOTINICAL INNE BOTINICAL INNE DESICHUPSA CERTICSA INSSELLA PULCIPIA NEFETA SPP. GARRIA GLIPTICA	OREPING PG COMMON INME COMMON INME COMMON INME SUPE CAPPET BUE DED GRASS COMMON INME COMMON INME COMMON INME COMMON INME COMMON INME	5 GAL 5 GAL 5 GAL 5 GAL 5 GAL 5 GAL 5 GAL 5 GAL 5 GAL 5 GAL	PER PLAN SPACING 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C.	24 0177 255 255 255 255 255 255 255 255 255 2	WOOSANTE III UCOUS UCORFATE UCORI UCORI UCORI UCORI UCORI UCORI UCORI UCORI	NOTES

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ł	ICON	KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY	WUCOLS	NOTES
1.		FRPE	FRADINUS PENNSYLVANICA "Sulanit"	summit ash	48" BOX	PER PLAN	22	MODERATE	
2.	Strand Barry	GLTR	gleditsia triacanthos	HONEY LOCUST	48" BOX	per plan	16	LOW	
3.	$\bigcirc$	ULFR	ulmus frontier	FRONTIER ELM	48" BOX	PER PLAN	6	LOW	
	+	DIST	EXISTING TREE	various species as indicated on tree preservation plan	EXISTING	PER PLAN	AS INDICATED	Existing trees to be preserved	
170	50								
VIN						SPACING	QTY	W10010	
NREA 140 SF	ICON	KEY JAPL	BOTANICAL NAME	COMMON NAME PINK JASMINE	SIZE	PER PLAN	12	MUCOLS	NOTES
SF 6 SF		GLTR	FICUS PUNILA	CREEPING FIG	5 GAL	PER PLAN	24	MODERATE	
STR	REETSCAPE MIX								
AREA	ICON	KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY	WUCOLS	NOTES
,678 SF									
		ACMI	ACHILIEA MILLEFOLIUM	COMMON YARROW	5 GAL	12" 0.C.	25%	MODERATE	
		acani Catu	ACHILEA MILLEFOLIUM	Common Yarrow Foothill sedge	5 GAL 5 GAL	12" 0.C. 12" 0.C.	25% 25%	NODERATE	
		CATU	CAREX TUNULICOLA	FOOTHILL SEDGE	5 GAL	12" 0.C.	25%	LOW	
SI		сати рума	CAREX TUNULICOLA	FOOTHLL SEDGE SILVER CARPET	5 GAL 5 GAL	12" 0.C. 12" 0.C.	25%	LOW	
	DRMWATER MIX	CATU DYMA DYMA	CAREX TUNUUCOUA DYWONDIA MARGARETAE SISYRINCHUM BELLUM	FOOTHLL SEDGE SILVER CARPET BLUE EVED GRASS	5 GAL 5 GAL 5GAL	12" 0.C. 12" 0.C. 12" 0.C.	25% 25% 25%	L0# L0#	
NREA	DRMWATER MIX	CATU DYMA DYMA KEY	OREX TUNULCOLA DIVICIOLA MASSRETAE SSTRICHUM BELLUM BOTINICAL NAME	FOOTHLL SEDEE SLUER CARPET BLUE FUTD GRIES	5 GAL 5 GAL 5GAL SERE	12" 0.C. 12" 0.C. 12" 0.C. 5PMCING	25% 25% 25%	LOW LOW LOW WCOLS	NOTES
REA		CNTU DYMA DYMA KEY DECE	CREX TUMULOOLA CREX TUMULOOLA DYNONIA MARCHETKE SSTRINCHUN BELLUN BOTINICAL NAME DESOJAMPSIA CESIFITICA	TODINUL SEDEC SUJER OVAPET BLUE DYED GAUSS COMMON INNE TUTTED HARGAUSS	5 GAL 5 GAL SGAL SIZE 5 GAL	12" 0.C. 12" 0.C. 12" 0.C. SPACING 12" 0.C.	25% 25% 25%	LOW LOW LOW HUCOLS LOW	NOTES
		CATU DYMA DYMA KEY	OREX TUNULCOLA DIVICIOLA MASSRETAE SSTRICHUM BELLUM BOTINICAL NAME	FOOTHLL SEDEE SLUER CARPET BLUE FUTD GRIES	5 GAL 5 GAL 5GAL SERE	12" 0.C. 12" 0.C. 12" 0.C. 5PMCING	253 253 253 253 01Y 253	LOW LOW LOW WCOLS	NOTES
NREA		CATU DYNAA DYNAA DYNAA KEY DECE NAPU	CAREX TUMULODIA DINONDA MARIARETAE SSURRICHUM BELLIM BOTINICAL INME DESCHMIPSIA CESPITICEA INSSELLA PULCIPIA	FIGHTLL SEDE SLUR OVERT BLUE EYED GROSS COMMON NIME TUFFED HARGRISS PURPLE NEEDLEGRISS	5 GAL 5 GAL 5 GAL 5 GAL 5 GAL	12" 0.C. 12" 0.C. 12" 0.C. SPACING 12" 0.C. 12" 0.C.	25% 25% 25% 01Y 25% 25%	LOW LOW LOW WUCCLS LOW VERY LOW	NOTES
REA 572 SF	ICON	CATU DYMA DYMA DYMA KEY DECE NAPU NEPE	CREX TUMULCOLA CREX TUMULCOLA D'UNORIA MARCHETEE SCOTRICHI MELLUM BOTINICAL NUME DESCHARPSIA CESIFITICA NASSELLA PULCIPIA NESFETA SPP.	roohill sede Suur okeet Blue dyd okkes Comadn Name Tuffed Harganss Puirle Netucenss Comann	5 QAL 5 QAL 5 GAL 5 GAL 5 QAL 5 QAL 5 QAL	12" 0.C. 12" 0.C. 12" 0.C. 5PACING 12" 0.C. 12" 0.C. 12" 0.C.	25% 25% 25% 07Y 25% 25% 25%	LOW LOW LOW WEXS LOW VERY LOW	NOTES
MEA SF	ICON	CATU D'MA D'MA D'MA D'MA KEY REY REPE GRE	CREX TIMULOOLA CREX TIMULOOLA DYNONIA MARCHETEE SOTRICHUM BELLIM BOTRICHUM BELLIM BOTRICHUM MARCHETEE BOTRICHUM MARCHETEEE BOTRICHUM MARCHETEEEBA	roohill sede Slure orbet Blue ded orks Common Name Common Name Tuffed Harroris Puirle Netroris Commun Common Same	5 QUL 5 QUL 5 QUL 5 QUL 5 QUL 5 QUL 5 QUL	12" 0.C. 12" 0.C. 12" 0.C. 5PACING 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C.	25% 25% 25% 01Y 25% 25% 25% 25%	LOW LOW LOW WEXS LOW LOW LOW	
MEA 572 SF	ICON	ONU DMA DMA KEY ECCE ECCE ECCE ECCE ECCE ECCE ECCE	CREX TURILICOLA CREX TURILICOLA DIVIORIO MIRIARETIRE SISTRICHUM RELLIM BOTINICAL INME DESIGNIAPISIA CESTRICA NESELLA PILORRA NESELLA NESELLA PILORRA NESELLA N	TODINUL SEDEE SLVER OWPET BULE END GNASS COMMON NME TUTED IMPORASS COMMON SME COMMON SUBTION COMON NME COMMON NME	5 OU. 5 OU. 5 OU. 5 OU. 5 OU. 5 OU. 5 OU. 5 OU.	12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C.	25% 25% 25% 25% 25% 25% 25% 25% 25% 25%	LOW LOW LOW HUCOLS LOW LOW LOW LOW	NOTES
REA 572 SF ME	ICON	CATU DYMA DYMA DYMA KEY RECE OREL KEY ACM	CREX TUMULCOLA CREX TUMULCOLA CREX TUMULCOLA DIVIONO MARCHETEE SOTRICH MARCHETEE BOTONICAL NAME CESCIPANESIA CESIFITICA NESTELA PULCIERA NESTELA PULCIERA NESTELA PULCIERA OVERRA ELLIPTICA BOTONICAL NAME ACHILEA MILLETOLIM	FIGHILI SEDE SLICE OVERT BLIE EYED GASS COMMON NAVE DUFED HARGASS FURRE NEEDLEGANSS COMMON NAVE COMMON NAVE COMMON NAVE COMMON VARION	5 ou. 5 ou. 5 ou. 5 ou. 5 ou. 5 ou. 5 ou. 9 szz 5 ou.	12° 0.C. 12° 0.C. 12° 0.C. 12° 0.C. 5PACING 12° 0.C. 12° 0.C. 12° 0.C. 12° 0.C. 12° 0.C.	25% 25% 25% 25% 25% 25% 25% 25% 25% 25%	LOW LOW LOW WUCKS LOW LOW LOW LOW WUCKS	
572 SF	ICON	ONU DMA DMA KEY ECCE ECCE ECCE ECCE ECCE ECCE ECCE	CREX TURILICOLA CREX TURILICOLA DIVIORIO MIRIARETIRE SISTRICHUM RELLIM BOTINICAL INME DESIGNIAPISIA CESTRICA NESELLA PILORRA NESELLA NESELLA PILORRA NESELLA N	TODINUL SEDEE SLVER OWPET BULE END GNASS COMMON NME TUTED IMPORASS COMMON SME COMMON SUBTION COMON NME COMMON NME	5 OU. 5 OU. 5 OU. 5 OU. 5 OU. 5 OU. 5 OU. 5 OU.	12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C. 12" 0.C.	25% 25% 25% 25% 25% 25% 25% 25% 25% 25%	LOW LOW LOW HUCOLS LOW LOW LOW LOW	

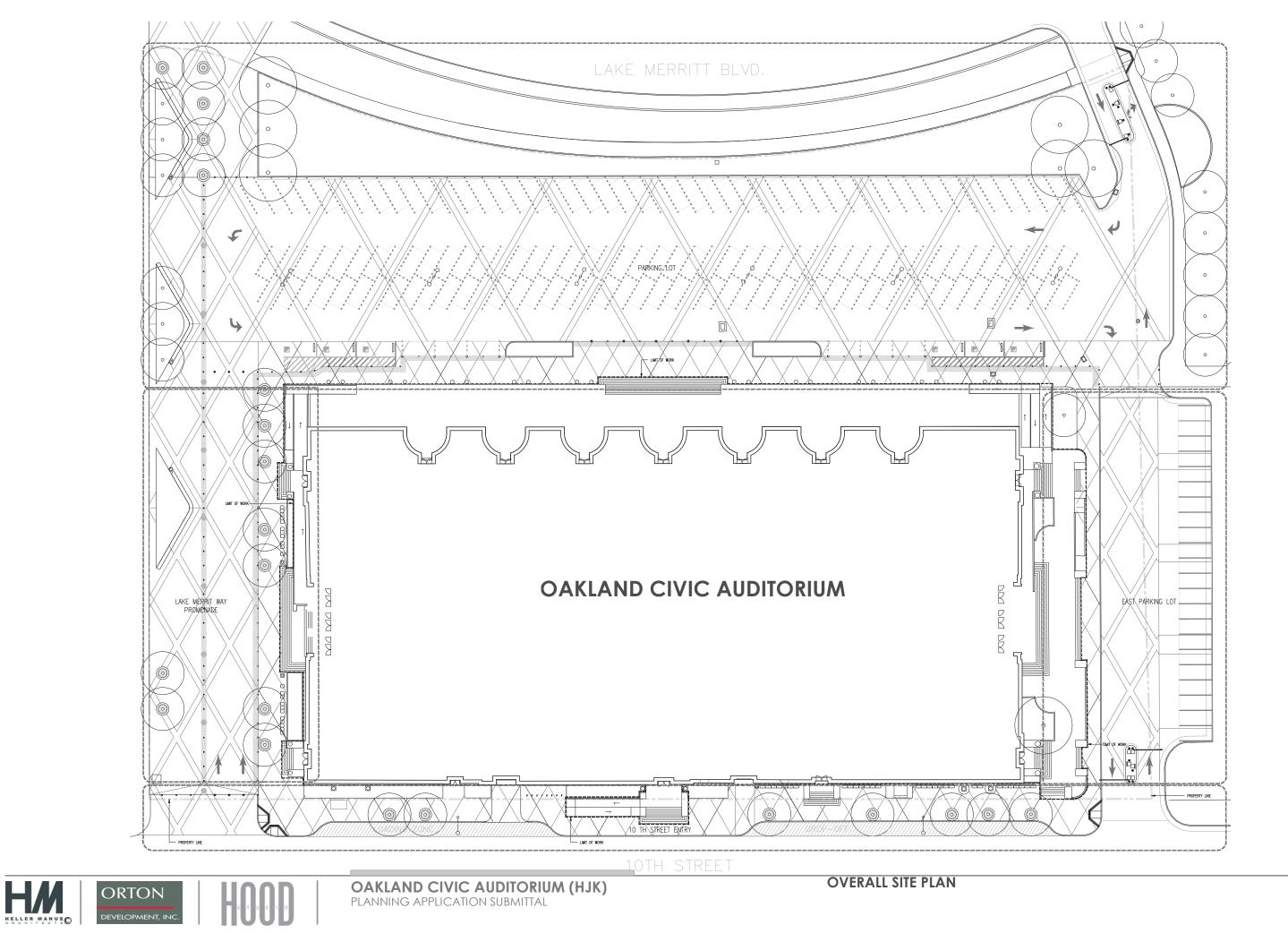


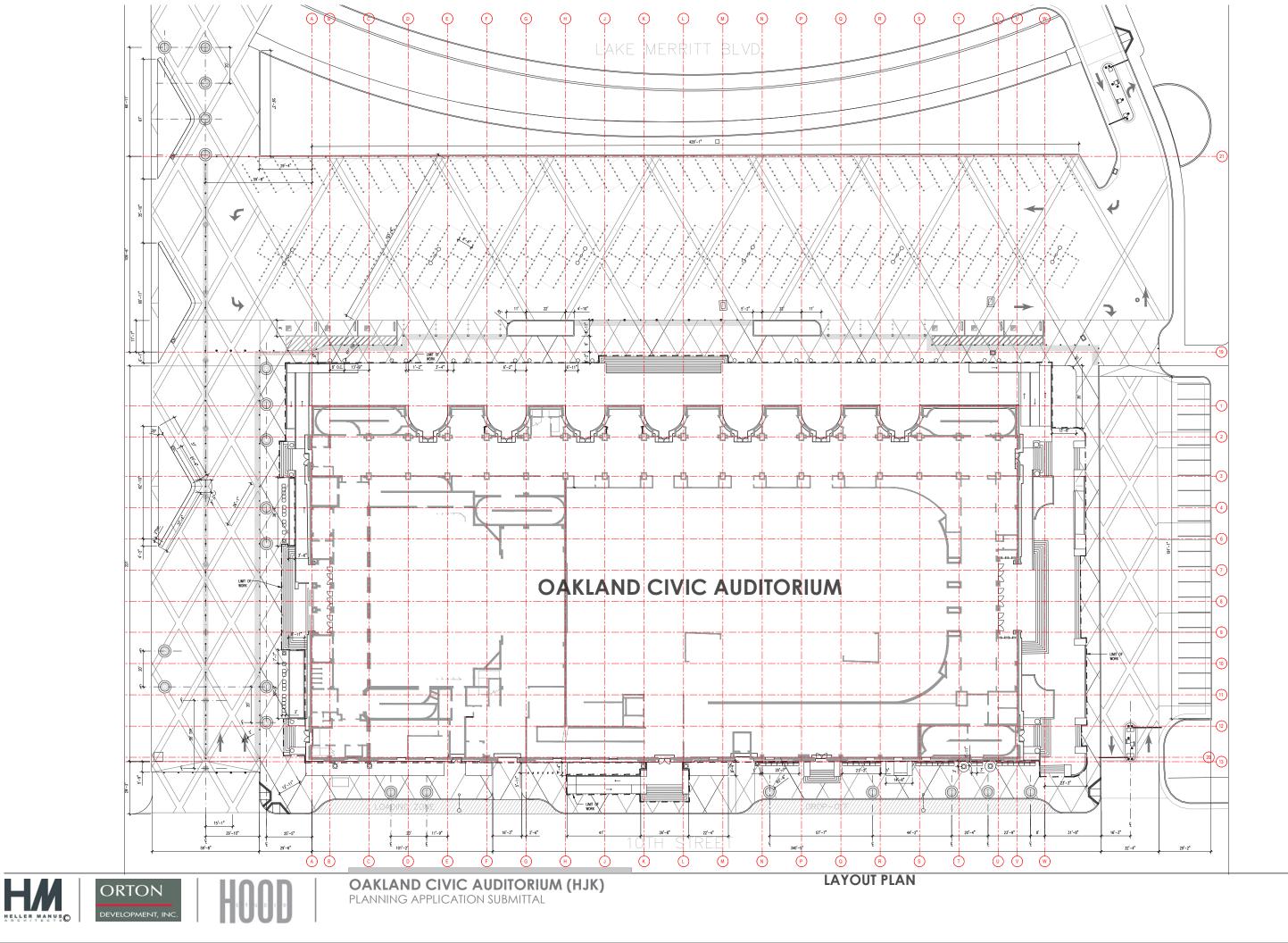


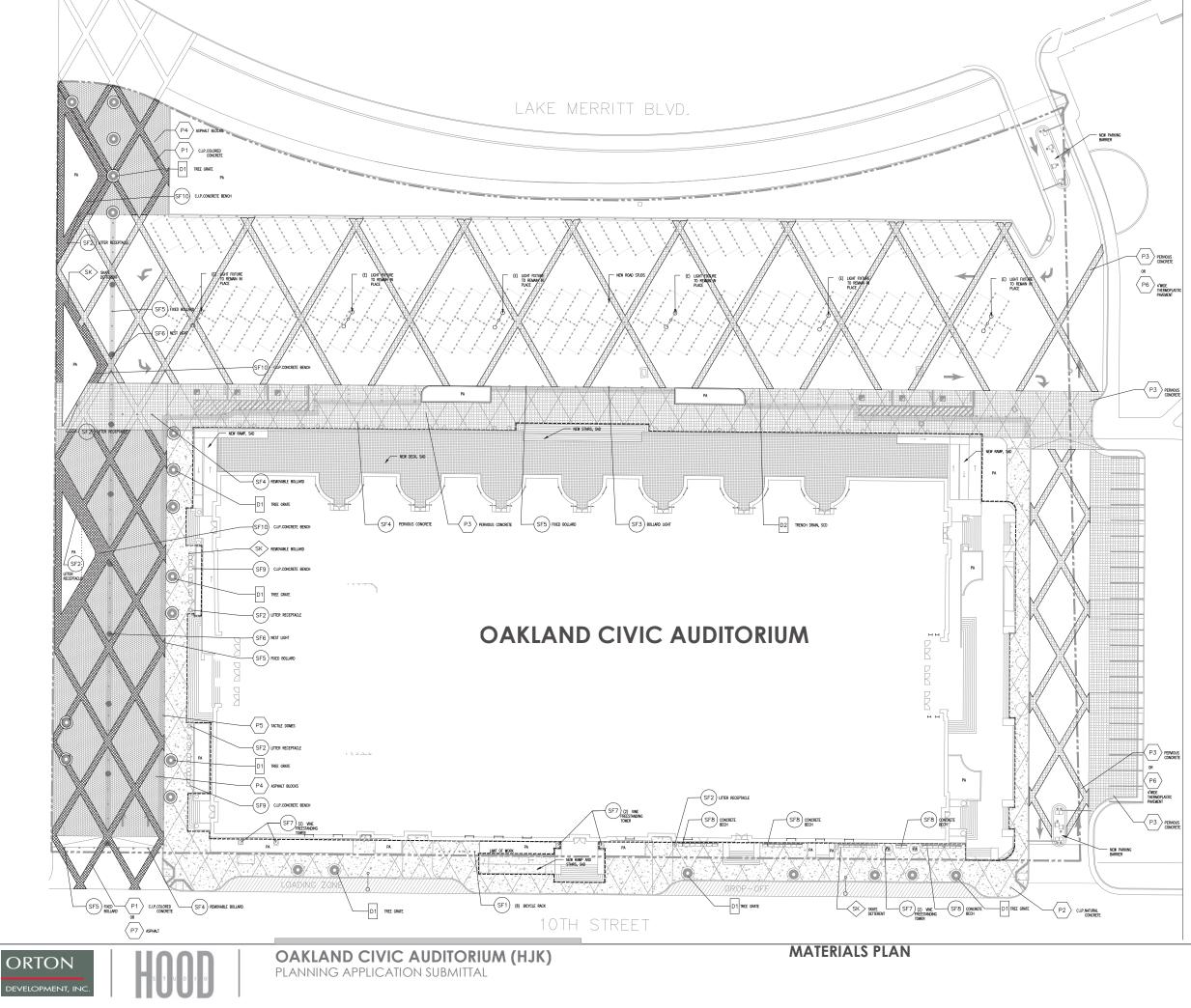
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HELLER MANUS C

KEY	SYMB.	DESCRIPTION	detl. Nun.	WATERWL / WODEL
P1		C.L.P. COLORED CONCRETE	-	C.I.P. CONCRETE WITH SANCUT JOINTS, PER PLANS
(P2)	¥., )	CJ.P NATURAL CONCRETE	-	C.I.P. CONCRETE WITH SANICUT JOINTS, PER PLANS
(P3)		PERVIOUS Concrete	-	C.I.P. CONCRETE WITH SANCUT JOINTS, PER PLANS
(P4)		8" HEXAGONAL ASPHALT BLOCKS (3" THICK)		ASPHALT BLOCK /ABI026
P5		TACTILE DOMES		steel/ adv-d-1281
<b>P6</b>		THERMOPLASTIC PAVEMENT		THERMOPLASTIC
(P7)		ASPHALT		ASPHALT

DRAINAGE AND TREE GRATE(D)
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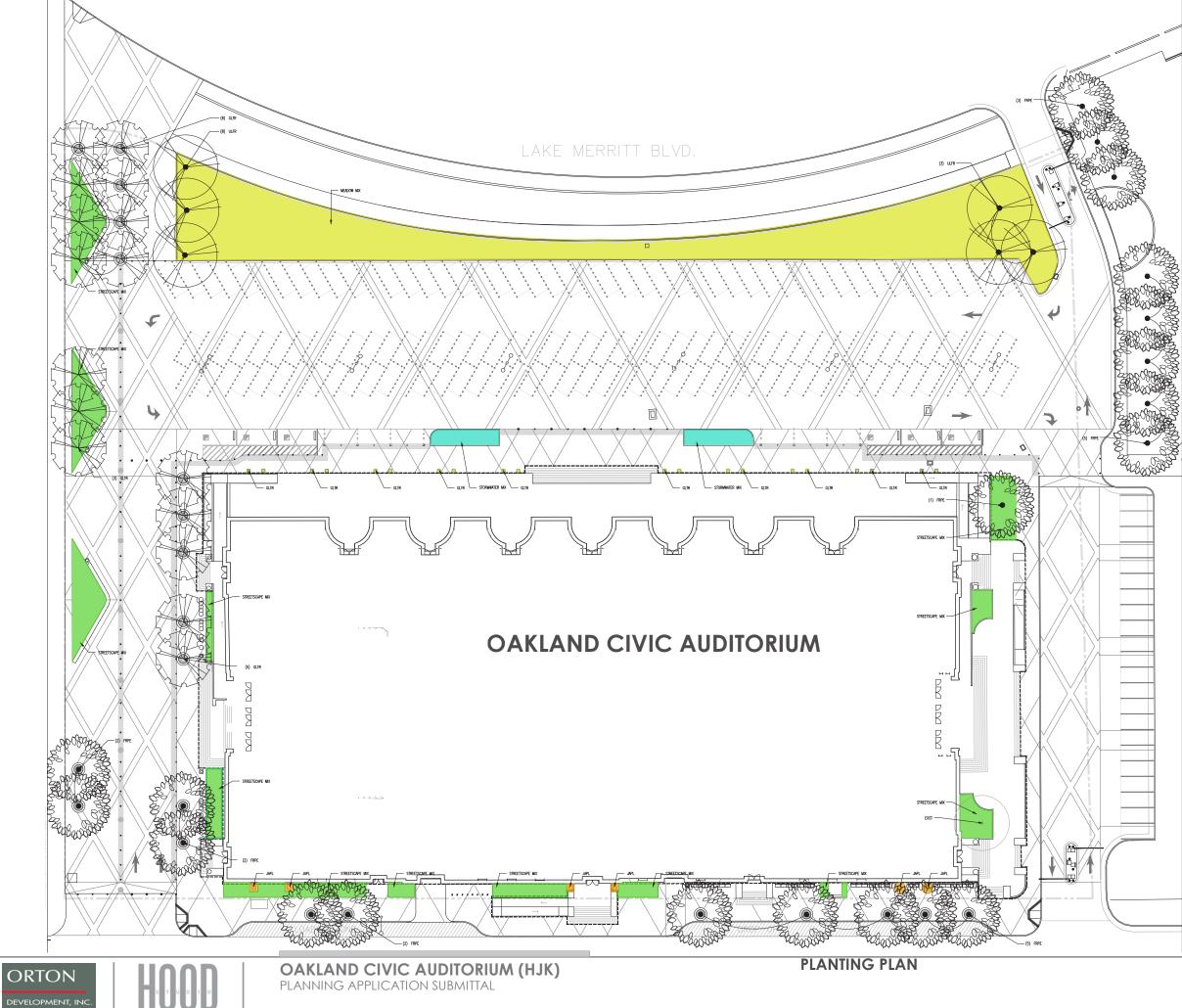
KEY	SYMB.	DESCRIPTION	detl. Num.	WATERIAL / MODEL
D1	0	TREE GRATE		gray cast Iron/b-tg876
D2		trench drain grate		trench drvin cover, for drvin type see plumbing

## SITE FURNISHING AND LIGHTING FIXTUR

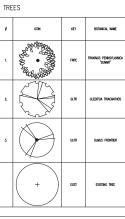
KEY	SYNB.	DESCRIPTION	detl. Num.	waterial / wodel
(SF1)		BICYCLE RACK		olympia bike rack
(SF2)	Ø	LITTER RECEPTACLE		PONDERCONT Alluminum/Urban Rennissance
(SF3)	٠	Bollard Ught	-	"STOP" LED BOLLARD
(SF4)	۰	REMOVIABLE BOLLARD	-	"Stop" removable Bollard
SF5	•	fixed bollard	-	"STOP" BOLLARD
(SF6)	0	nest ught	-	aluwnuw/ lp nest
(SF7)	۵	VINE FREE Standing Tomer	-	STREETUFE
(SF8		CUSTOM CONCRETE BENCH W/ A BACK	-	CUSTOM PRECAST CONCRETE BENCH
(SF9)	0	Cast In-Place Concrete Bench	-	CAST-IN-PLACE CONCRETE BENCH
(SF10)	$\rangle$	CAST IN-PLACE CONCRETE BENCH	-	CAST-IN-PLACE CONCRETE BENCH

OTHER LANDSCAPE ELEMENTS

SK O SKATE - THREADED GRINDERMINDER	KEY	SYNB.	DESCRIPTION	DETL.	MATERIAL / MODEL
	Śĸ	0	SKATE Deterrent		THREADED GRINDERMINDER



HELLER MANUS C



### VINES

AREA	ICON	KEY	BOTANICAL NAME
140 SF		JNPL	JASMINUM POLYMITHUM
36 SF		GLIR	FICUS PUMIA

## STREETSCAPE MIX

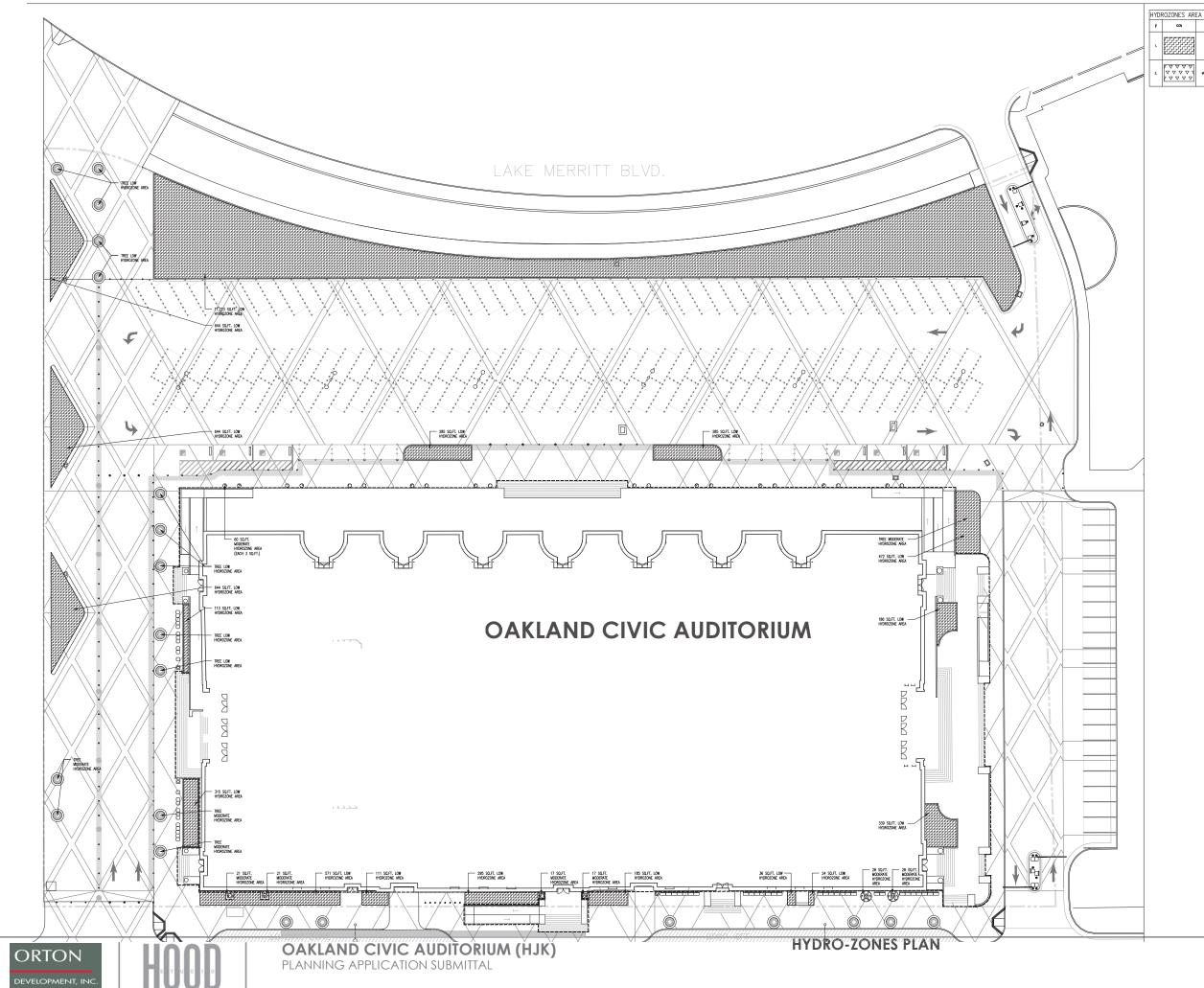
AREA	ICON	KEY	BOTANICAL NAME
3,678 SF		ACMI	ACHILLEA MILLEFOLIUN
		CATU	CAREX TUNULICOLA
		DUMA	dynondia nargaretae
		DYMA	Sisyrinchum Bellum

## STORMWATER MIX

REA	ICON	KEY	BOTANICAL NAME
572 SF		DECE	deschampsia cespitosa
		NAPU	NASSELLA PULCHRA
		NEPE	NEPETA SPP.
		GAEL	garrya eluptica

## MEADOW MIX

AREA	ICON	KEY	BOTANICAL NAME
12,090 SF		ACMI	ACHILLEA MILLEFOLIUM
		CKTU	CAREX TUMULICOLA
		LAWA	LAWNDULA SPP.
		NATE	NASSELLA TENJISSIMA



			EA SCHEDULE	
	1	ICON	WAE	AREA
	۱.		Low Hydrozone Area	17,057 SQ.FT.
	2.	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	NODERATE HYDROZONE AREA	192 SQ.FT.
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PAVING (	Έ

	ring	(F)		
KEY	STMB.	DESCRIPTION	DETL. Num.	NATERIAL / NODEL
PI		C.J.P. COLORED CONCRETE		CJ.P. CONCRETE WITH SAWCUT JOINTS, PER PLANS
2	¥	C.LP NATURAL CONCRETE		C.J.P. CONCRETE WITH SAWCUT JOINTS, PER PLANS
(P3)		PERMOUS		C.J.P. CONCRETE WITH SAWCUT JOINTS, PER PLANS
(P4)		8" HEXAGONAL Asphalt Blocks (3" Thick)	-	ASPHALT BLOCK /AB0026
<b>P5</b>		TACTILE DOMES	-	STEEL/ ADV-D-1281
<b>P6</b>		THERMOPLASTIC Privement	-	THERMOPLASTIC
<b>P7</b>		ASPHALT		ASPHALT

DR/	AINAGE	E AND TI	REE (	GRATE(D)
KEY	STMB.	DESCRIPTION	DETL. Num.	MATERIAL / NODEL
D1	0	TREE GRATE	-	gray cast Iron/B-Tg876
D2		trench dran grate		TRENCH DRAN COVER, For dran type see Plumbing

SITE	FUR	NISHING A	ND L	IGHTING FIXTUR
KEY	STMB.	DESCRIPTION	detl. Nun.	MATERIAL / NODEL
(SF1)		BICYCLE RACK	-	OLYMPIA BIKE RACK
(SF2)	0	UITER RECEPTACLE		POWDERCOAT Allumnun/Urban Renaissance
(SF3)	٠	Bollard Light	-	"Stop" Led Bollard
(SF4)	٠	REMOVABLE Bollard		"Stop" renovable Bollard
SF5	•	FIXED BOLLARD		"STOP" BOLLARD
SF6	٥	NEST LIGHT		alu <b>minum/</b> lp nest
(SF7)	۵	VINE FREE Standing Tower	-	STREETLIFE
(SF8)		CUSTOM CONCRETE BEINCH W/ A BACK		CUSTOM PRECAST CONCRETE BENCH
(SF9)	0	CAST IN-PLACE CONCRETE BENCH		CAST-IN-PLACE CONCRETE BENCH
(SF10)	$\rangle$	CAST IN-PLACE CONCRETE BENCH		CAST-IN-PLACE CONCRETE BENCH

## OTHER LANDSCAPE ELEMENTS

KEY	SYM8.	DESCRIPTION	detl. Nuk	NATERIAL / NODEL
SK	0	SKATE DETERRENT		THREADED GRINDERMINDER

	CITY OF			
	OAKLAND LANDSCAPE WATER USE STATEMENT			
	OAKLAND CIVIC ARENA OAKLAND CA			
PREPARED BY:	JANET LUEHRS (CID, CLIA #43274) BROOKWATER INC., IRRIGATION CONSULTANTS 480 SAINT JOHN STREETE, SUITE 220 PLEASANTON, CA 94566 925-855-0417 925-855-0357 (FAX) Janet@Brookwater.com (e-mail)			
	with the criteria of the Water Efficient Landscape Ordinance cordingly for the efficient use of water in the irrigation design			
	Signed: Janet Luchus			
PART ONE	MAXIMUM APPLIED WATER ALLOWANCE (MAWA)			
	MAWA =	ETo x .62 x [(ETAFx HA) + ((1-ETAF) x SLA)]		
	YEARLY ETo	41.8		
	CONVERSION FACTOR	0.62		
	ETAF	0.45		
	TOTAL IRRIGATED LANDSCAPE AREA (HA)	20,377 SQUARE FEET		
	SPECIAL LANDSCAPE AREA (SLA)	0 SQUARE FEET		
	LANDSCAPE WATER ALLOWANCE	237,641 GALLONS PER YEAR		
	TOTAL ACRE FEET	0.73 ACRE FEET		
PART TWO	ESTIMATED TOTAL WATER USE (ETWU)			
		ROM WATER EFFICIENT LANDSCAPE WORKSHE		
	AVERAGE ETAF FOR REGULAR LANDSCAPE AREAS (TOTAL ETAF x AREA / TOTAL AREA)	0.41		
	ETWU FOR REGULAR LANDSCAPE AREAS	218,613 GALLONS PER YEAR		
	SITE WIDE ETAF	0.41		
	ETWU FOR ALL LANDSCAPE AREAS	218,613 GALLONS PER YEAR		

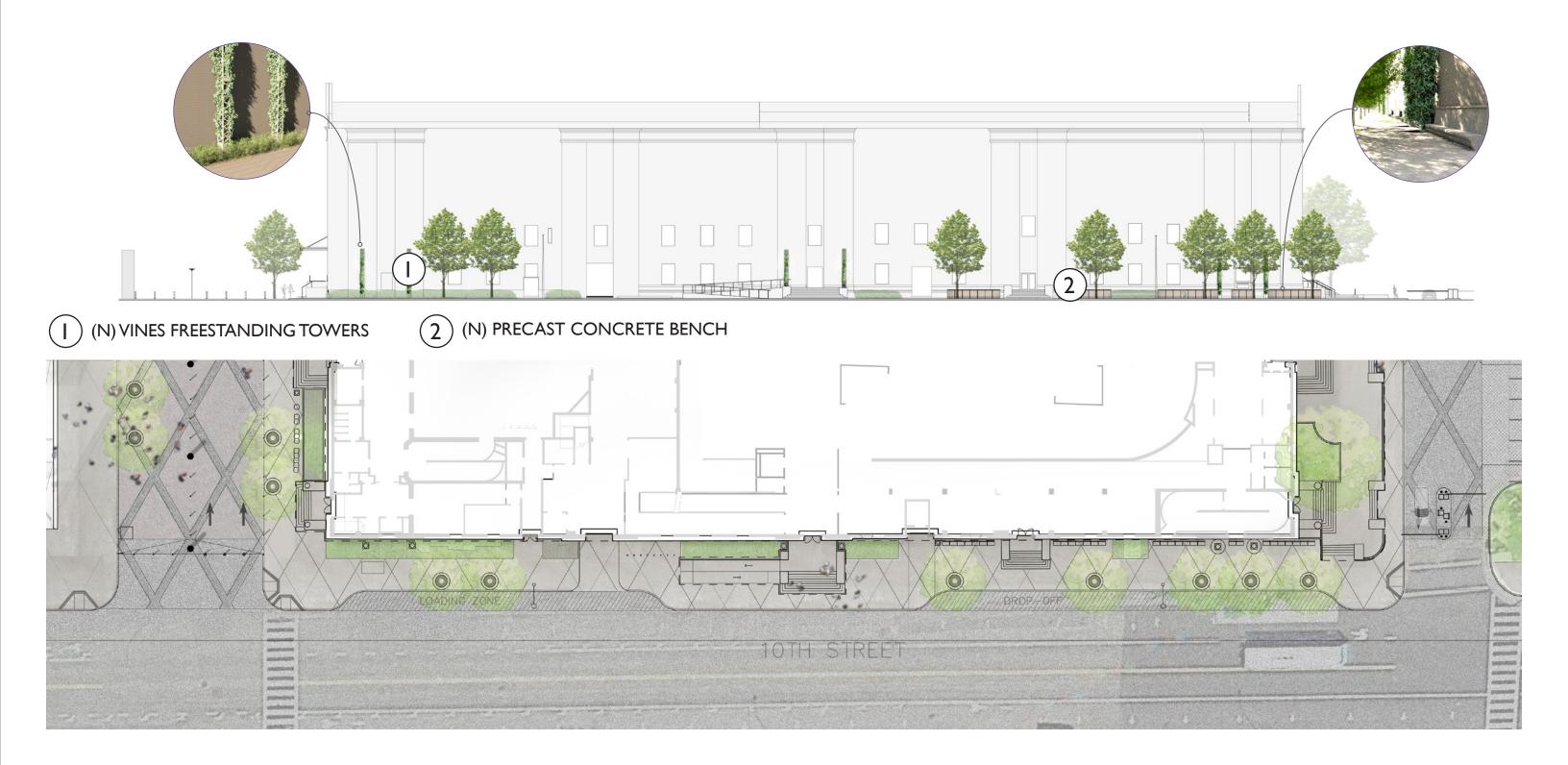
OAKLAND CIVIC ARENA WATER EFFICIENT LANDSCAPE WORKSHEET												
Reference	Evapotranspira	tion (Eto)	41.8									
ZONE NO.	PLANT TYPE	HYDROZONE* (PLANT WATER USE)	PLANT FACTOR (PF)	IRRIGATION METHOD**	IRRIGATION EFFICIENCY (IE)	ETAF (PF/IE)	HYDROZONE AREA (HA) (Sq Ft)	ETAF x HA	ESTIMATED TOTAL WATER USE (ETWU)	% LANDSCAPE AREA		
REGULAR LA	NDSCAPE AREA											
1	SHRUB	LW	0.30	DL	0.81	0.37	16.628	6,159	159.604	81.6%		
2	SHRUB	MW	0.50	DL	0.81	0.62	3,488	2,153	55,799	17.1%		
3	TREE	LW	0.30	B	0.81	0.37	151	56	1,449	0.7%		
4	TREE	MW	0.50	В	0.81	0.62	50	31	800	0.2%		
5	SHRUB	MW	0.50	B	0.81	0.62	60	37	960	0.3%		
	GULAR LANDSCAPE	AREAS)	-			<u></u>	20,377	8,435	218,613	100.0%		
	0	1		0		1.00	0	0	0	0.0%		
TOTALS (SPI	ECIAL LANDSCAPE	AREAS)					0	0	0	0.0%		
TOTALS	ALL AREAS						20,377	8,435	218,613	100%		

*Hydrozone Description	Total Sq. Ft.	% of Landscape		
Cool Season Turf (CST)	0	0.0%		
Warm Season Turf (WST)	0	0.0%		
High Water Use Plants (HW)	0	0.0%		
Bioretention Plants (BR)	0	0.0%		
Medium Water Use Plants (MW)	3,598	17.7%		
Low Water Use Plants (LW)	16,779	82.3%		
Very Low Water Use Plants (VLW)	0	0.0%		
Water Feature	0	0.0%		
Special Landscape Area (SLA)	0	0.0%		
TOTAL	20,377	100.0%		

**Irrigation Method	Total Sq. Ft.	% of Landscape 0.0%	
Rotor (FC-R, PC-R)	0		
Multi-Stream Rotator (MR)	0	0.0%	
Spray (S)	0	0.0%	
Bubbler (B)	261	1.3%	
Drip (D)	0	0.0%	
In-Line Drip (DL)	20,116	98.7%	
Micro Spray (MS)	0	0.0%	
Other (O)	0	0.0%	

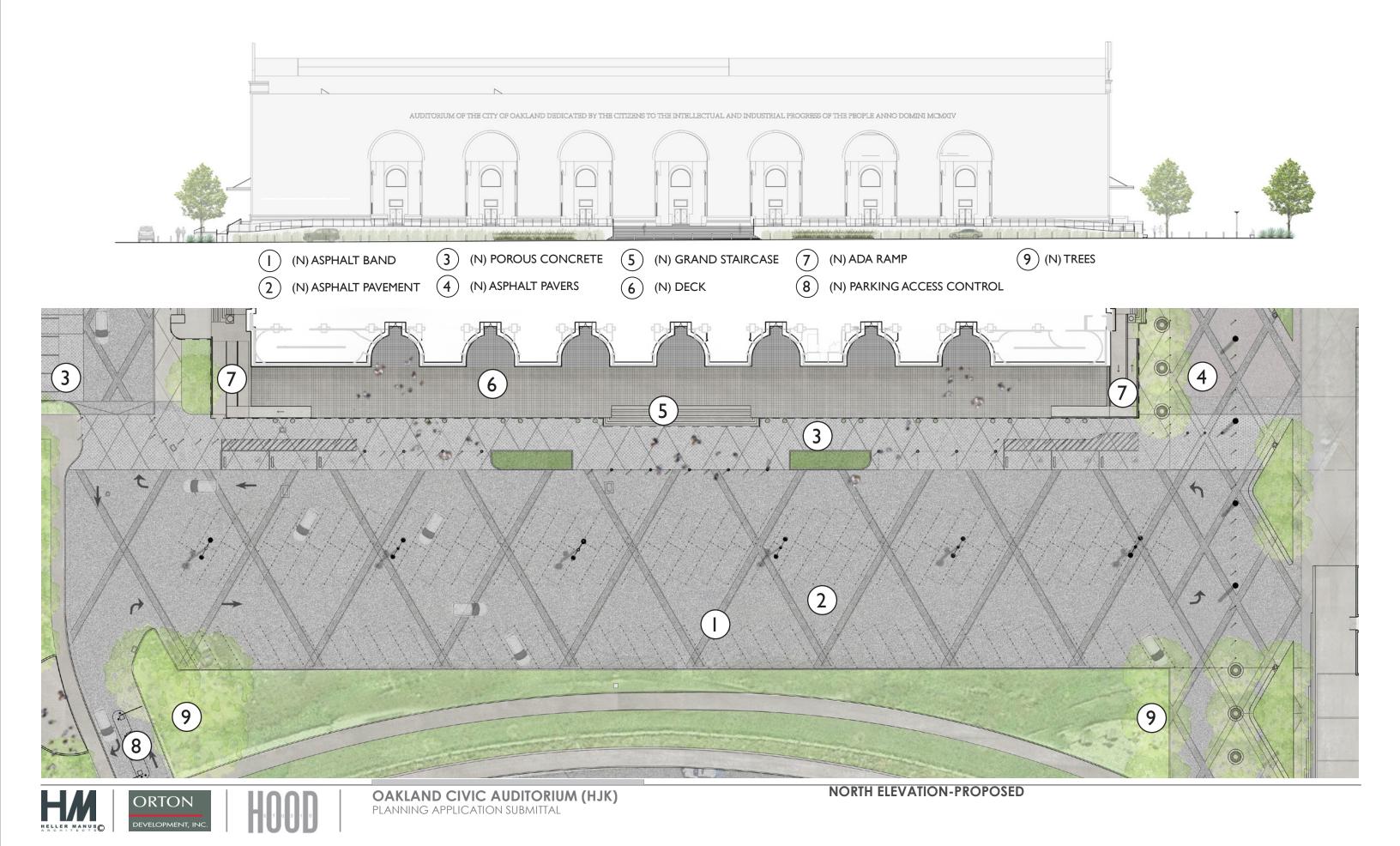


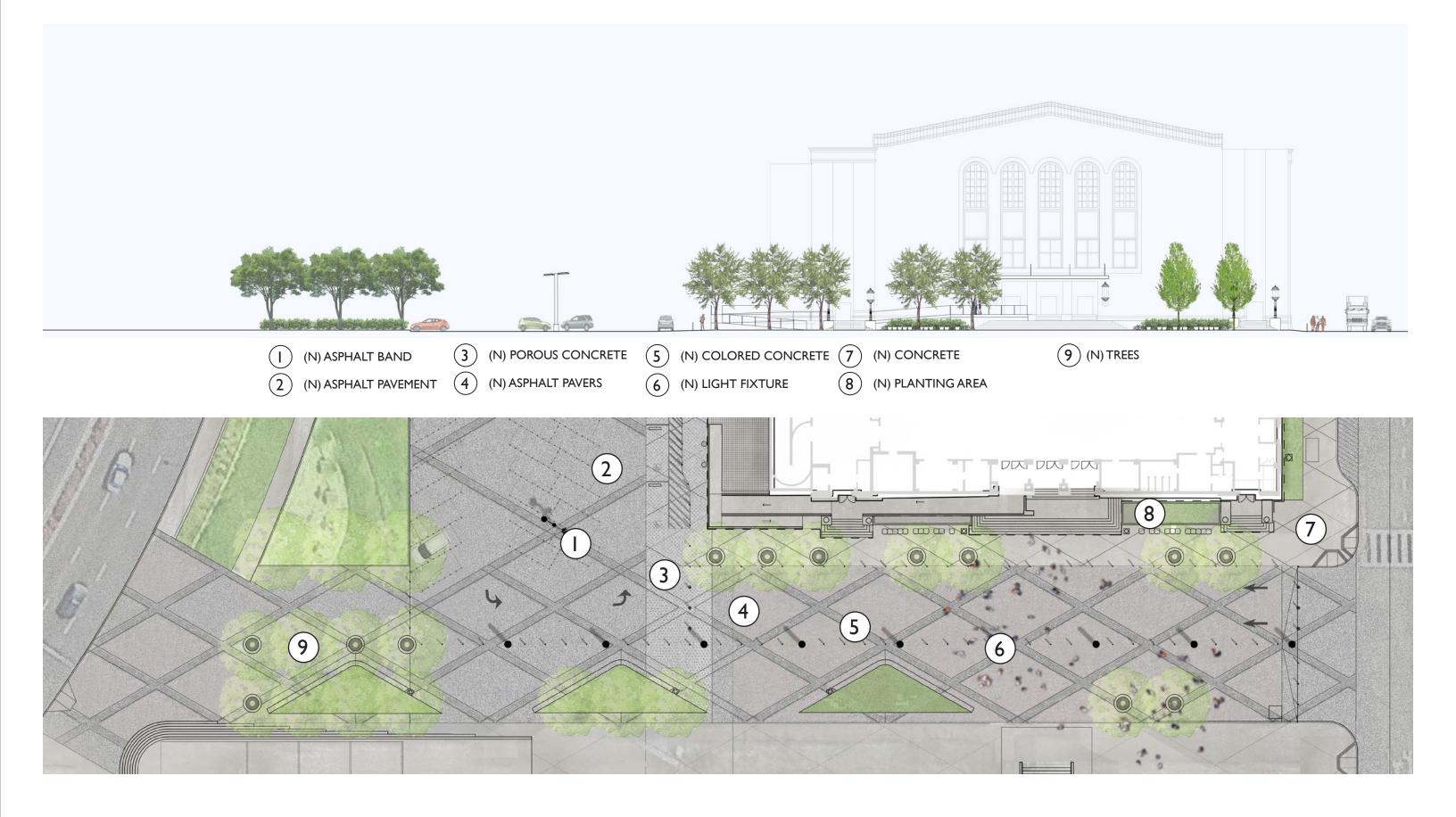






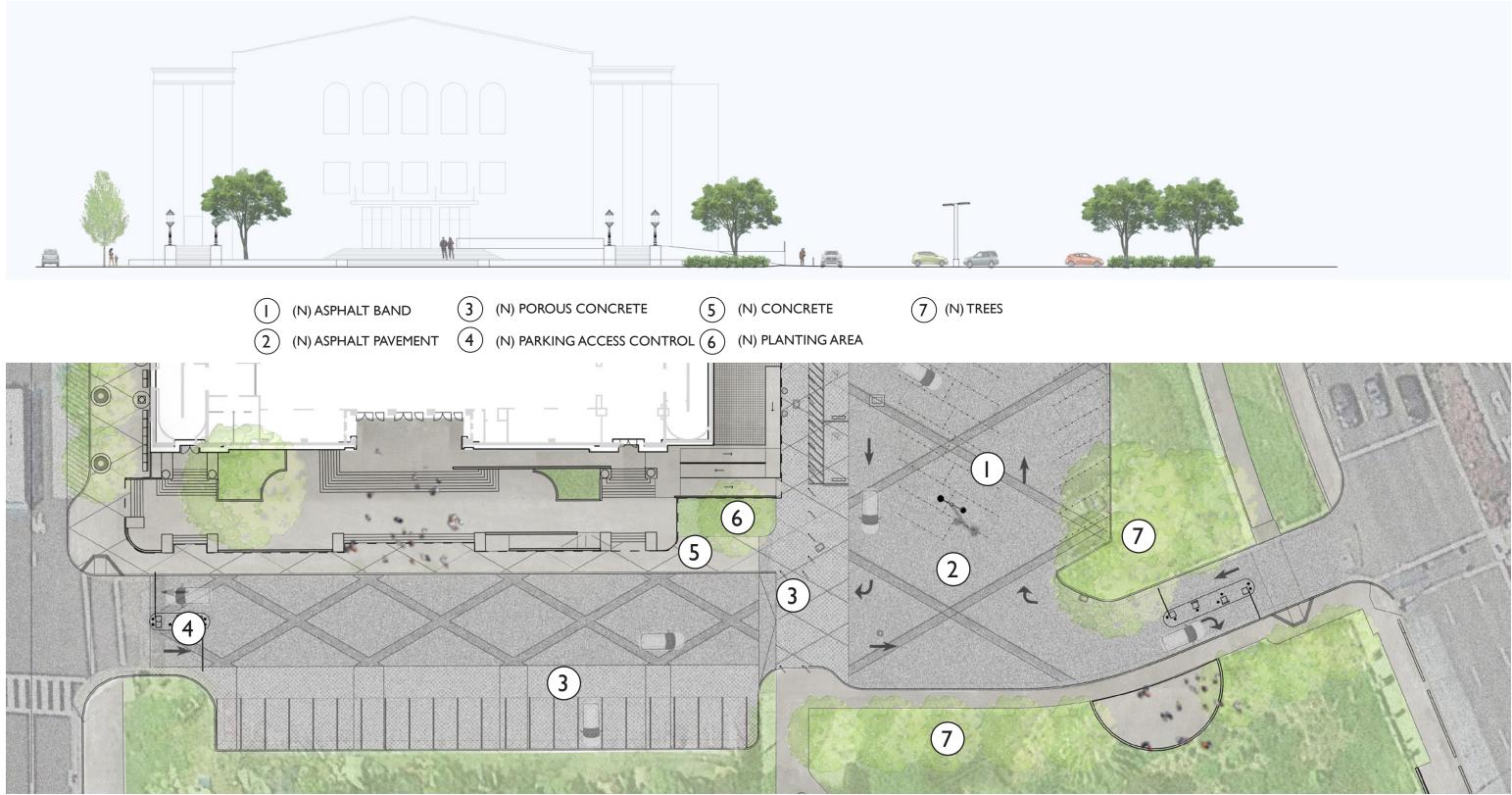








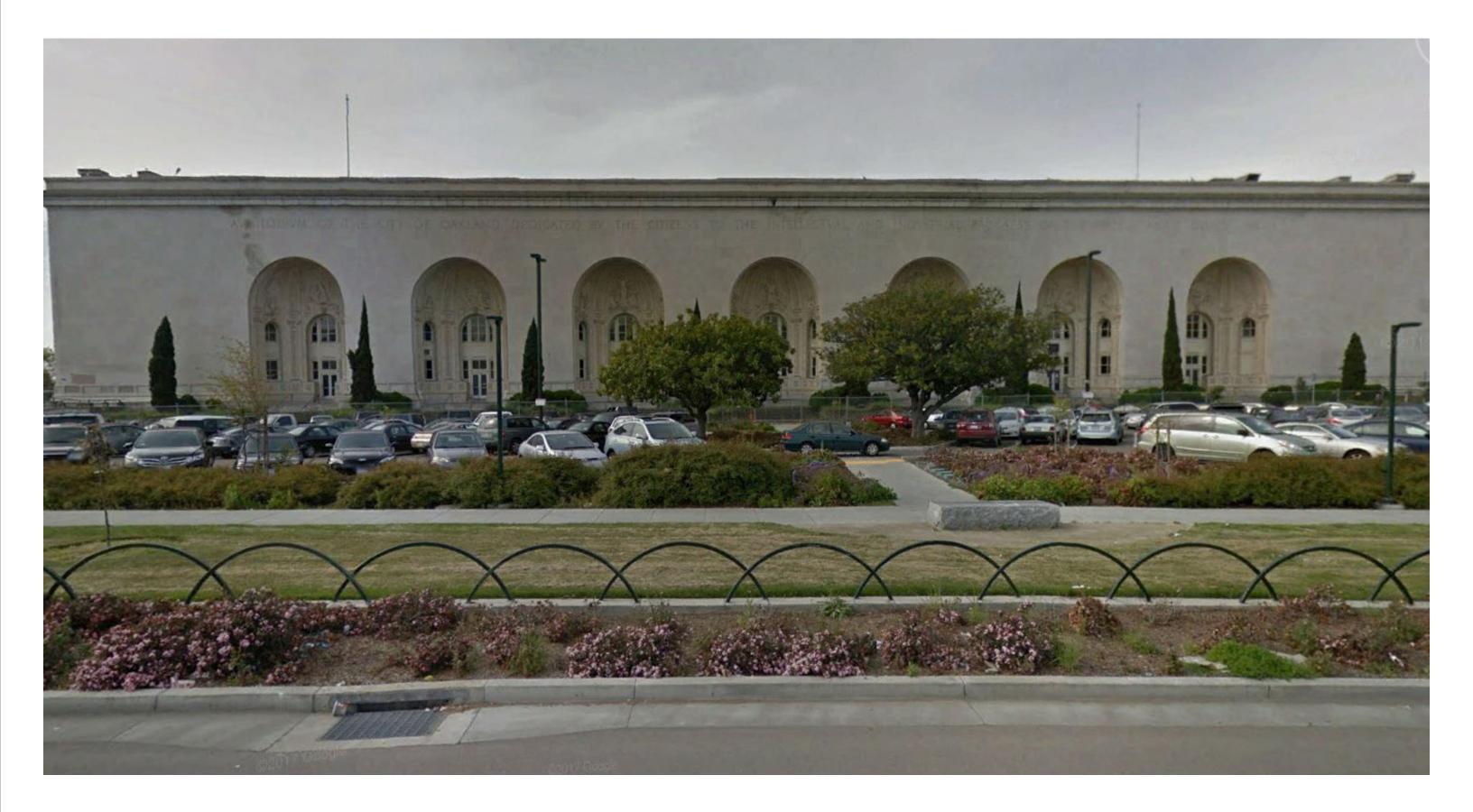
















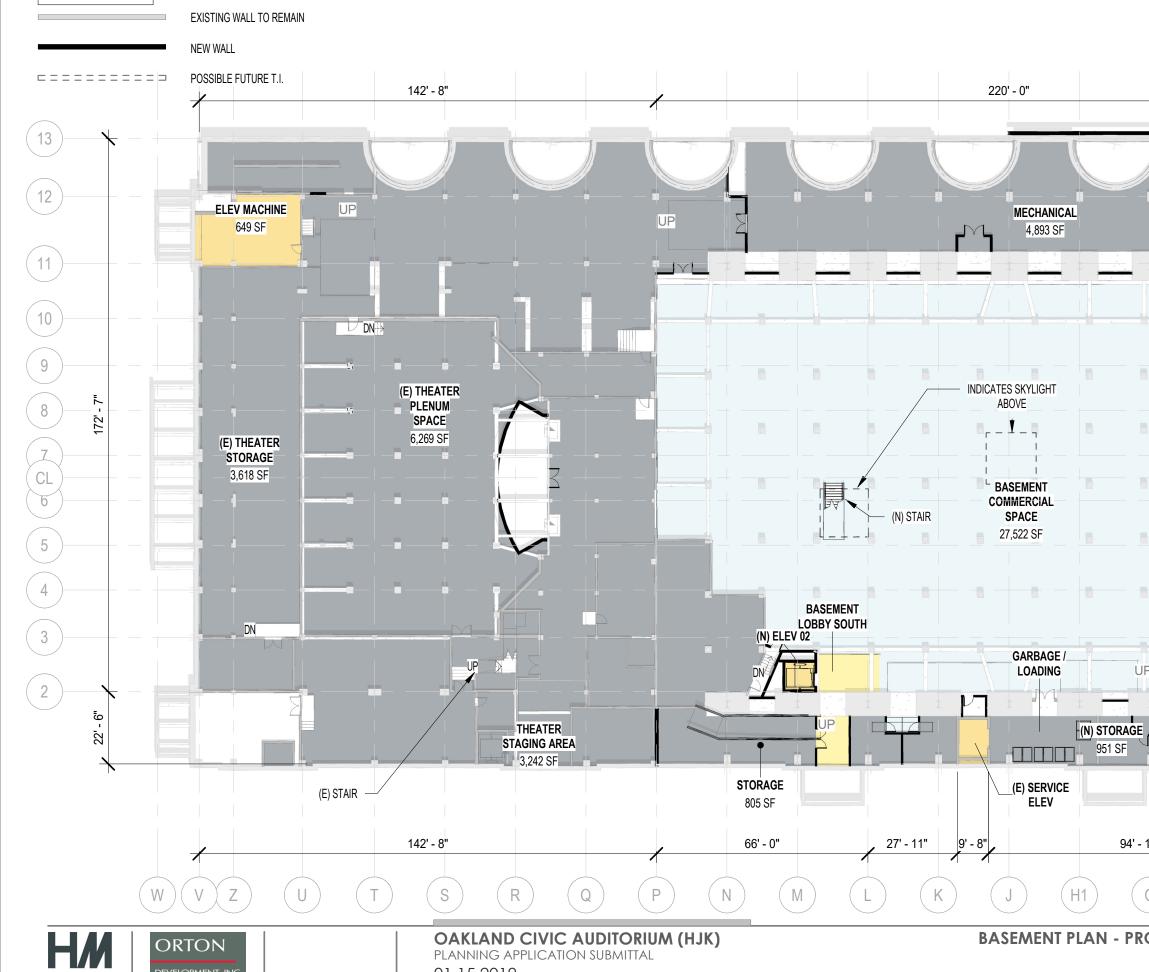






## PLAN LEGEND

HELLER MANUS



01.15.2019

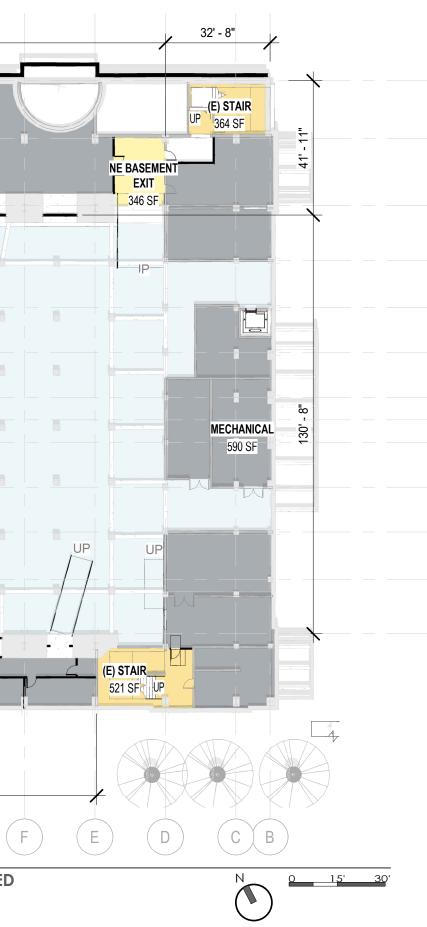
**BASEMENT PLAN - PROPOSED** 

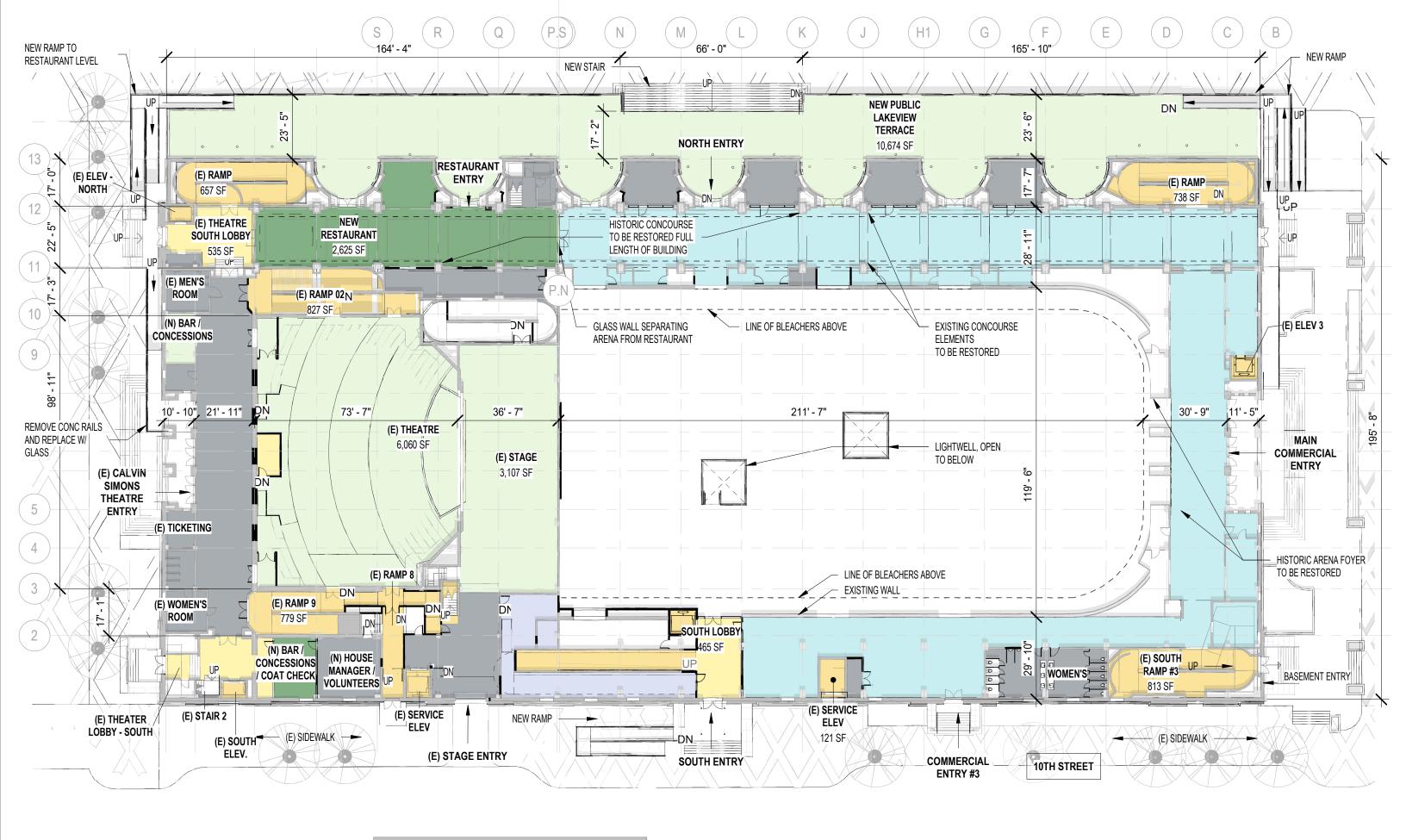
UP

94' - 11"

G

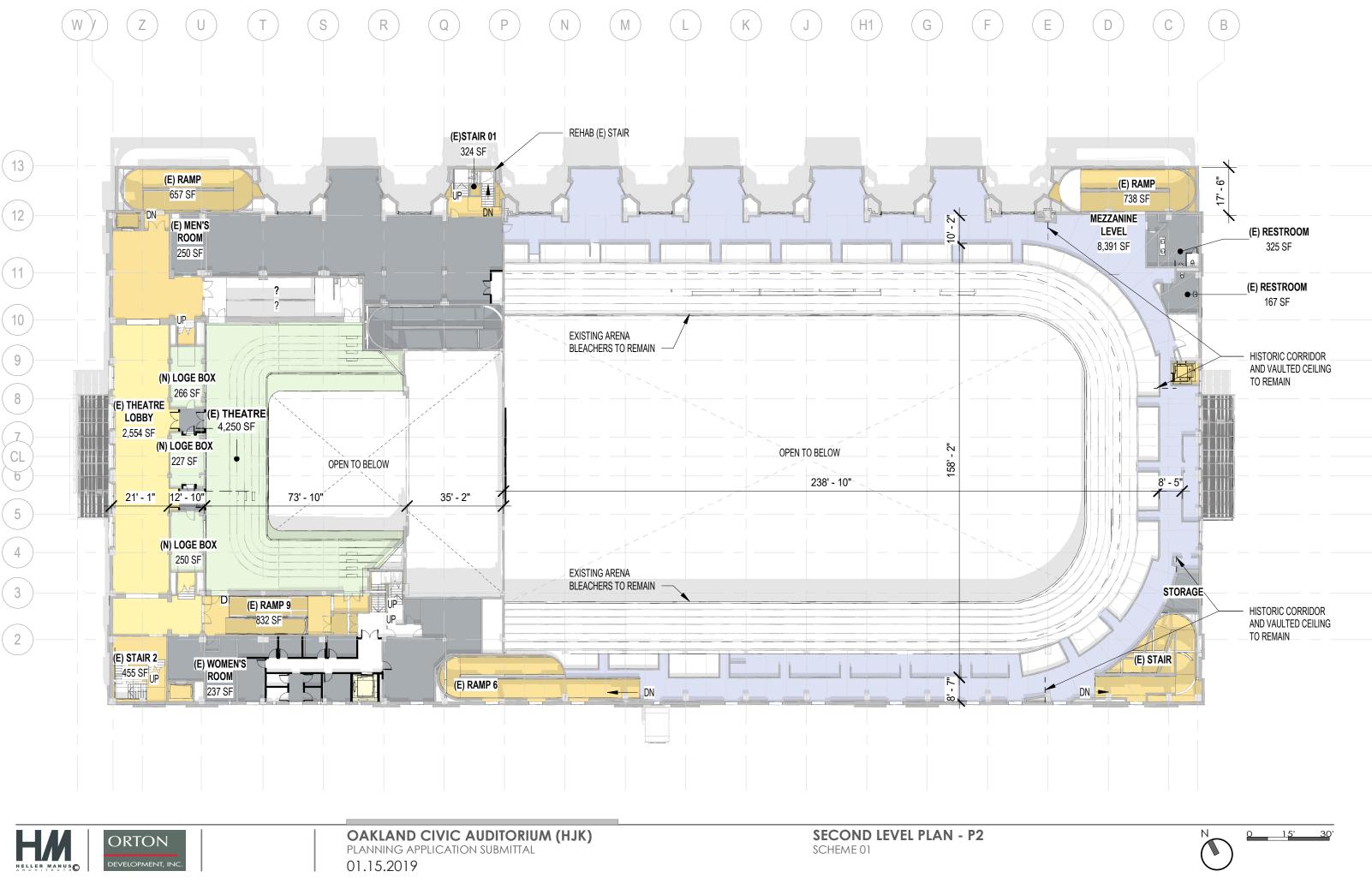
951 SF



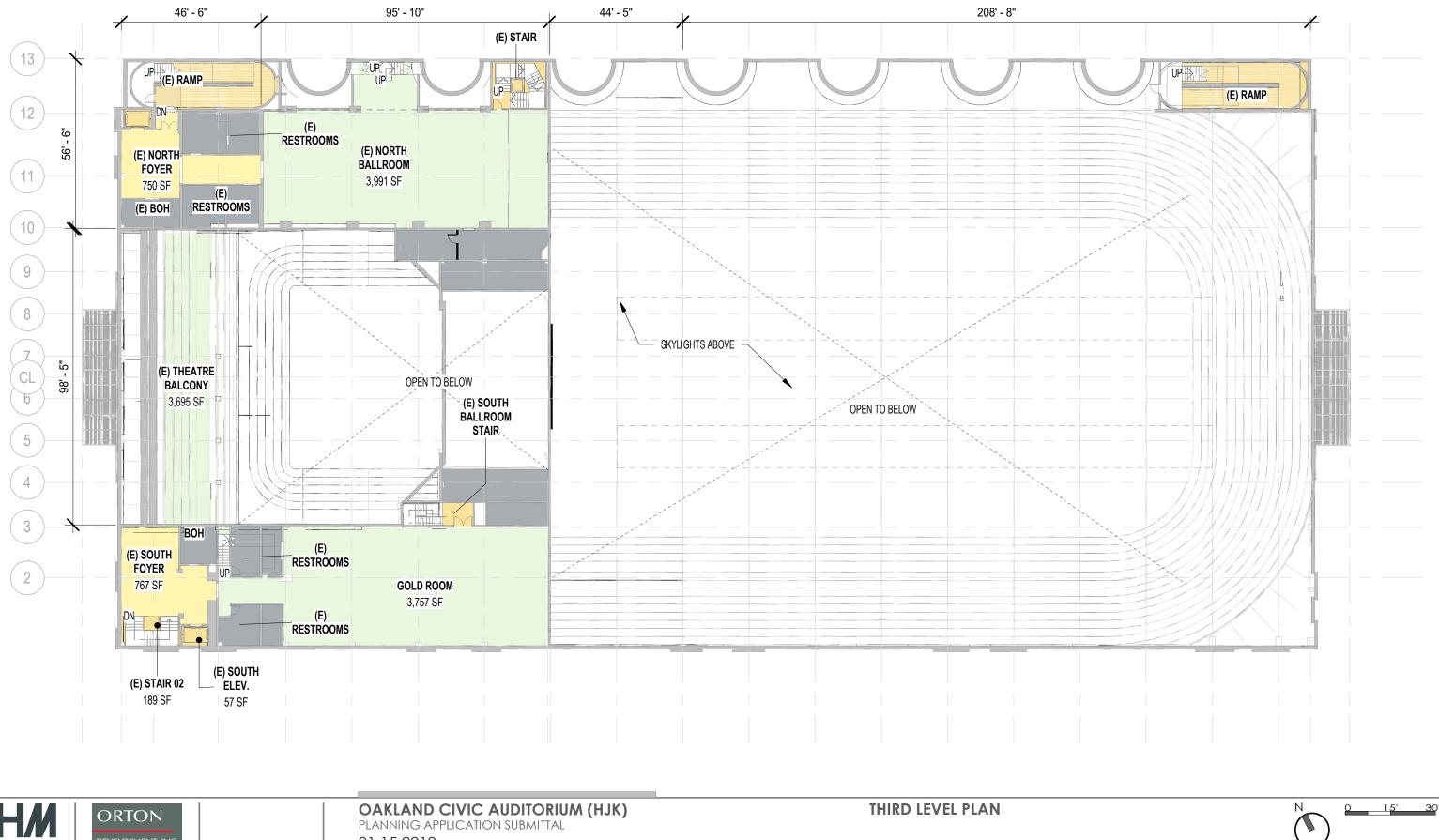




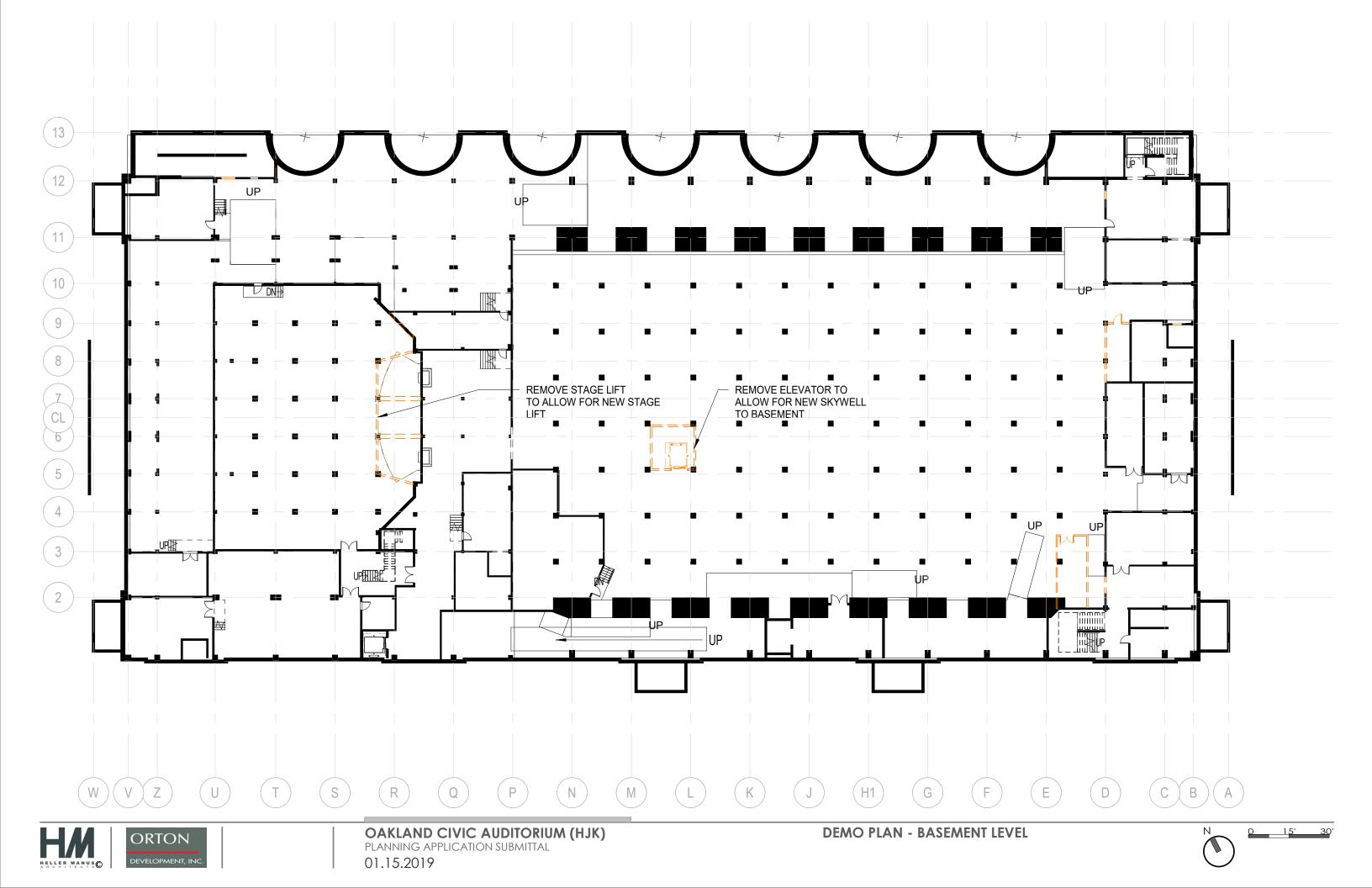


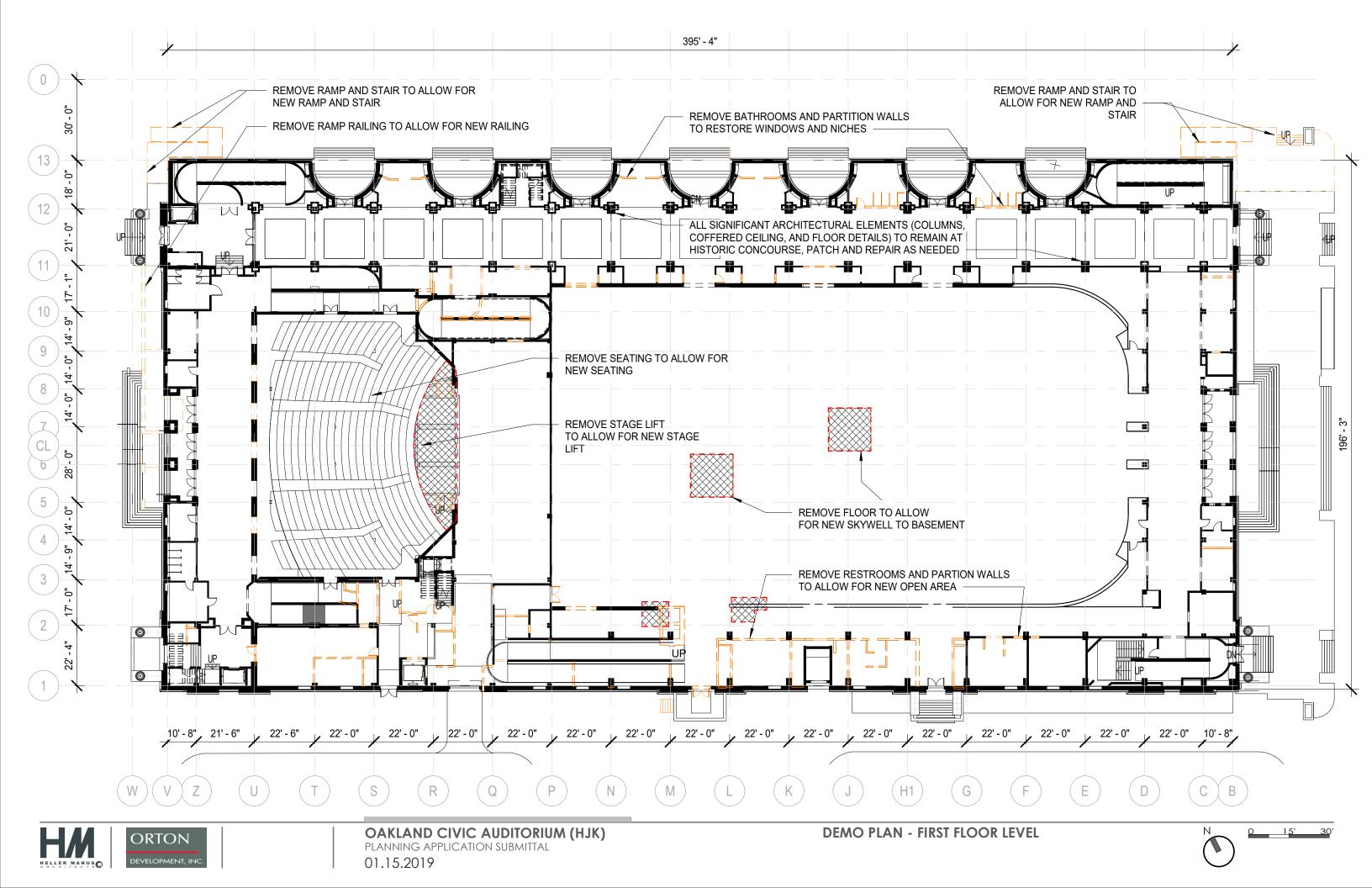


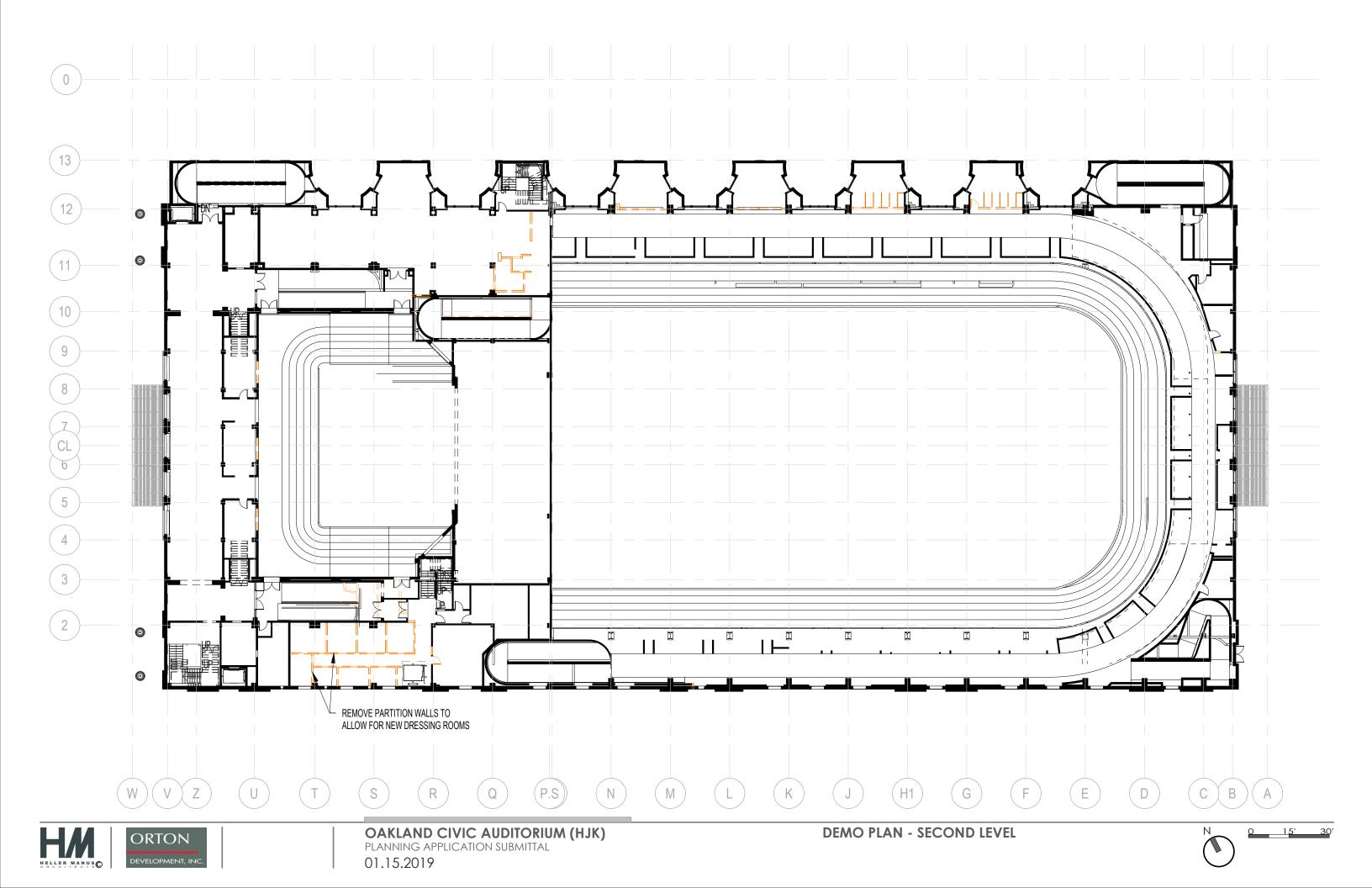


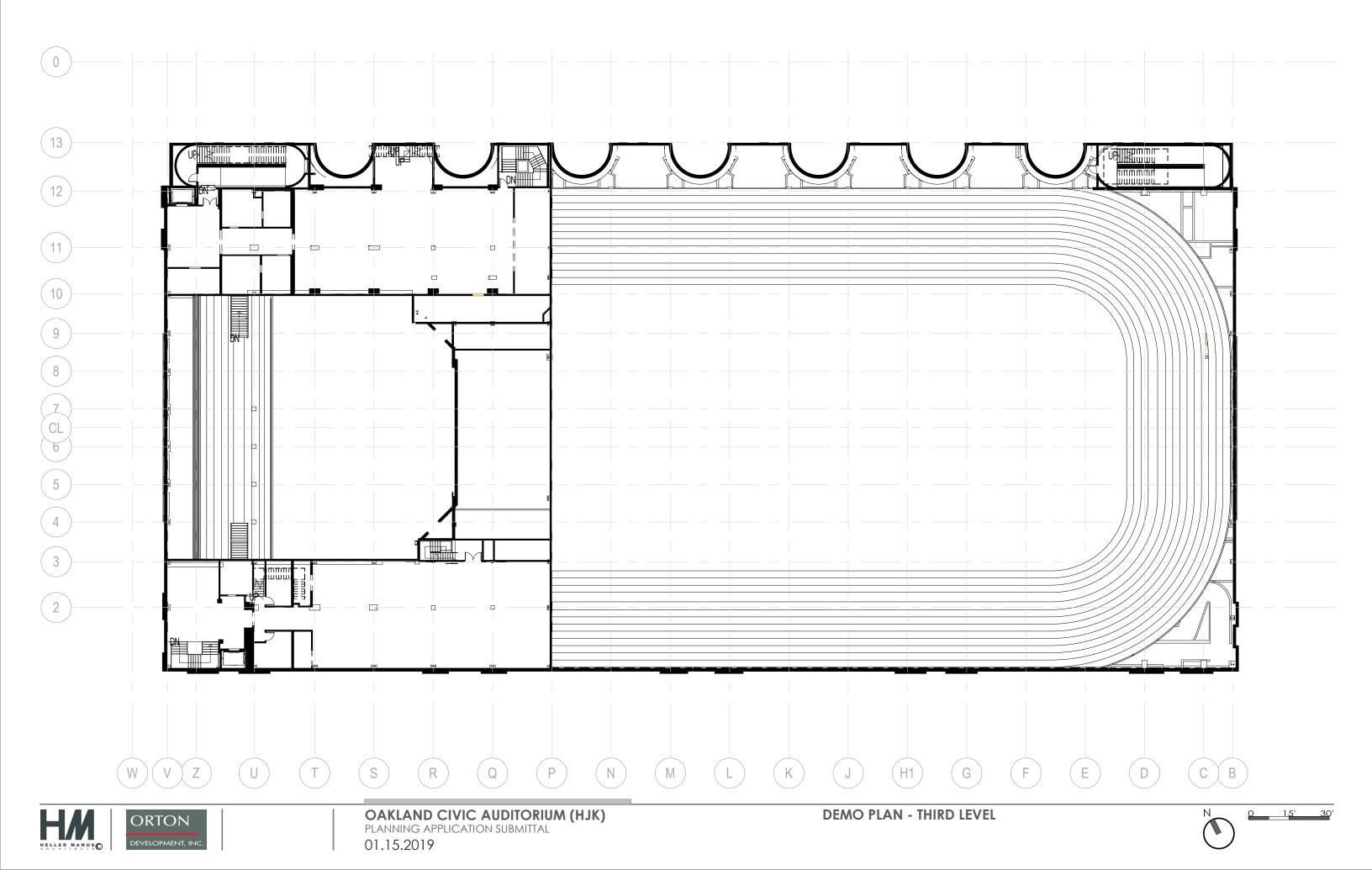


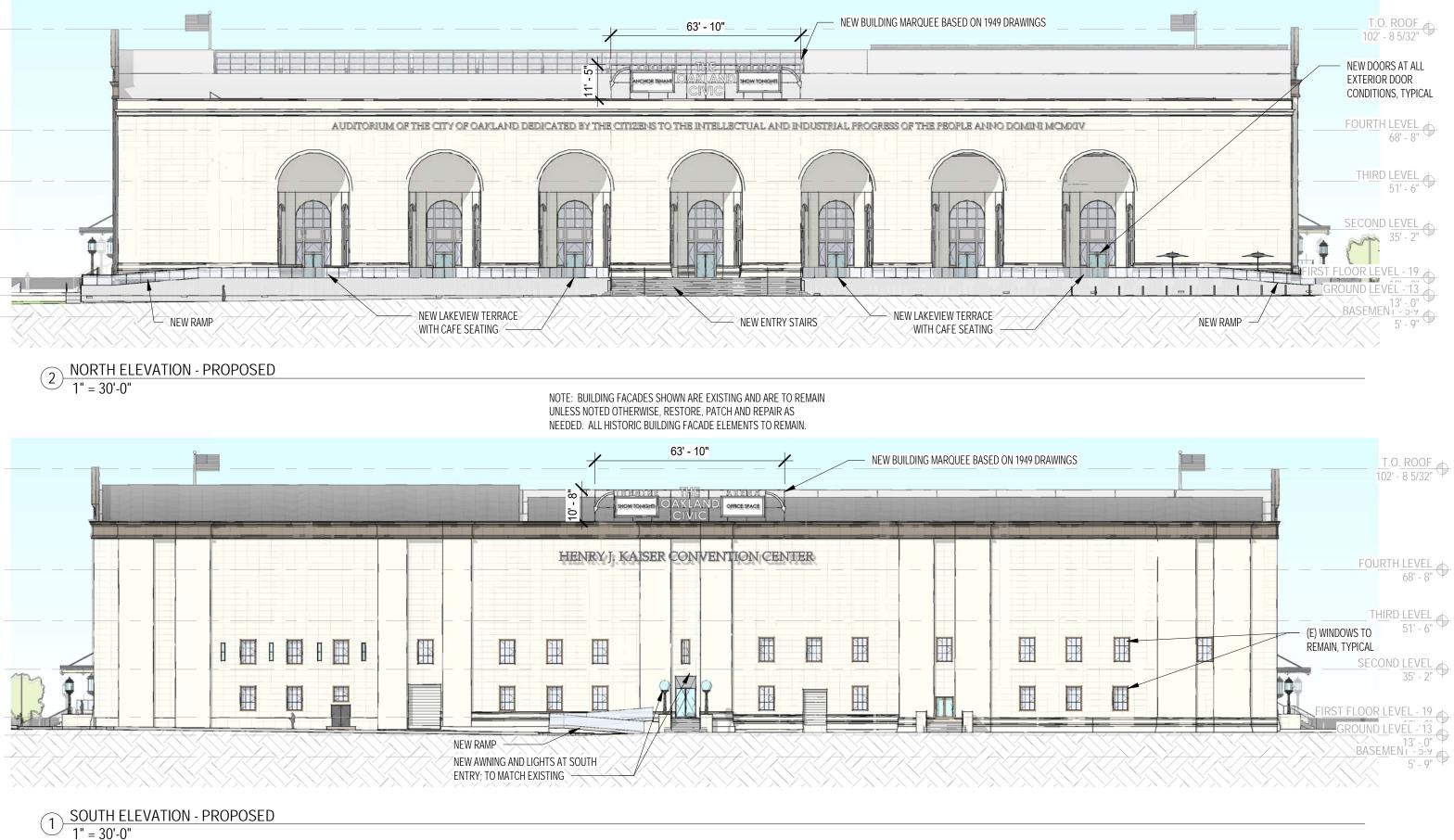








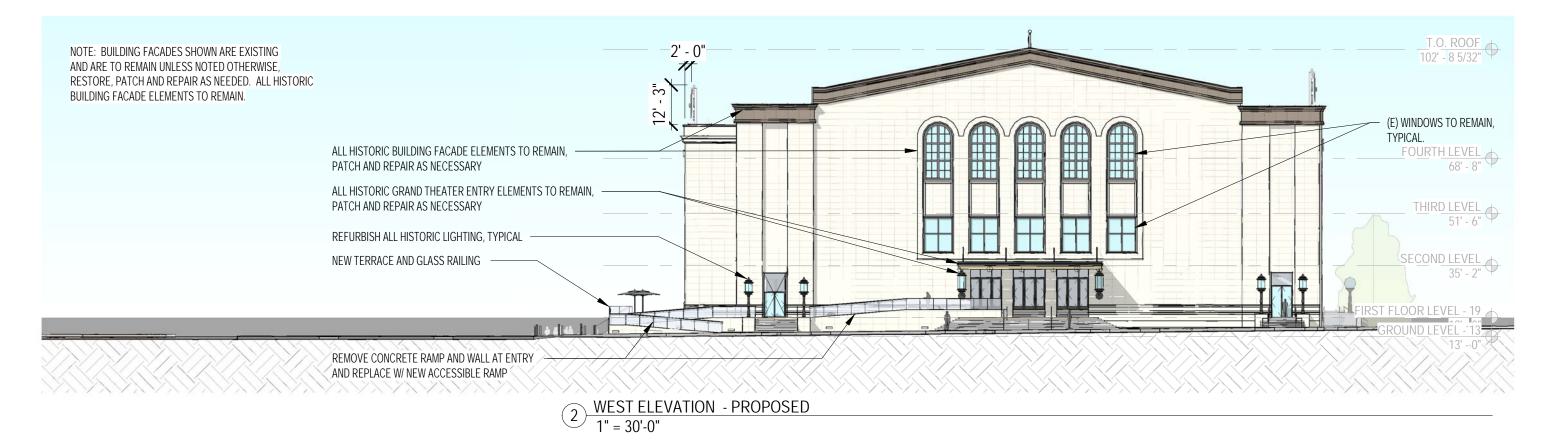


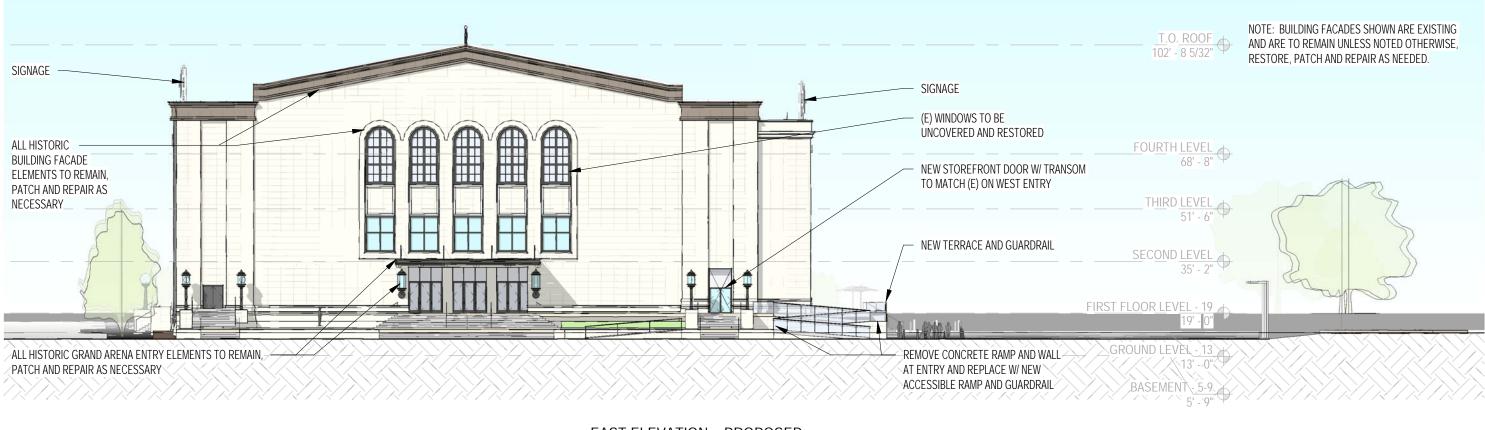




## **OAKLAND CIVIC AUDITORIUM (HJK)** PLANNING APPLICATION SUBMITTAL 01.15.2019

0 15' 30

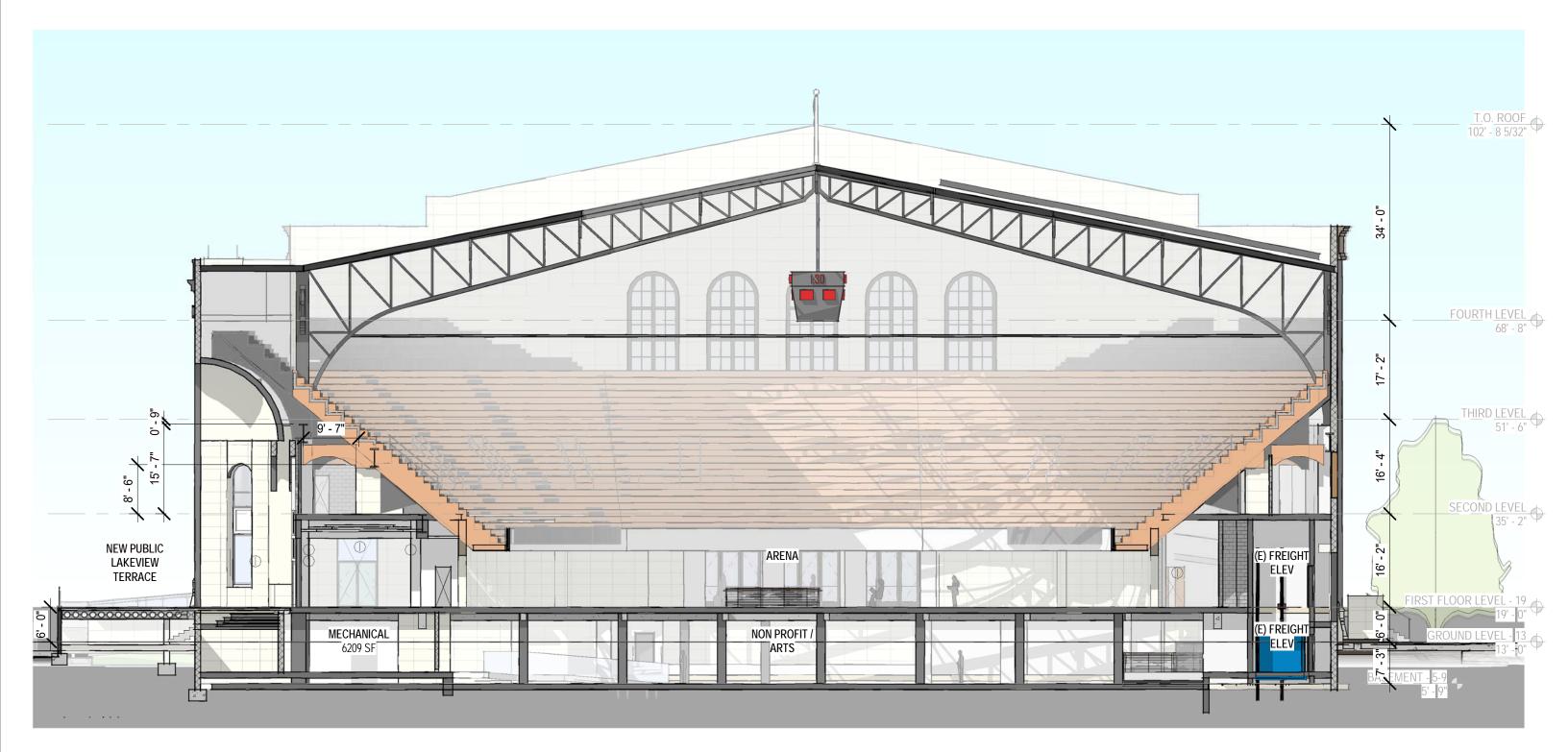




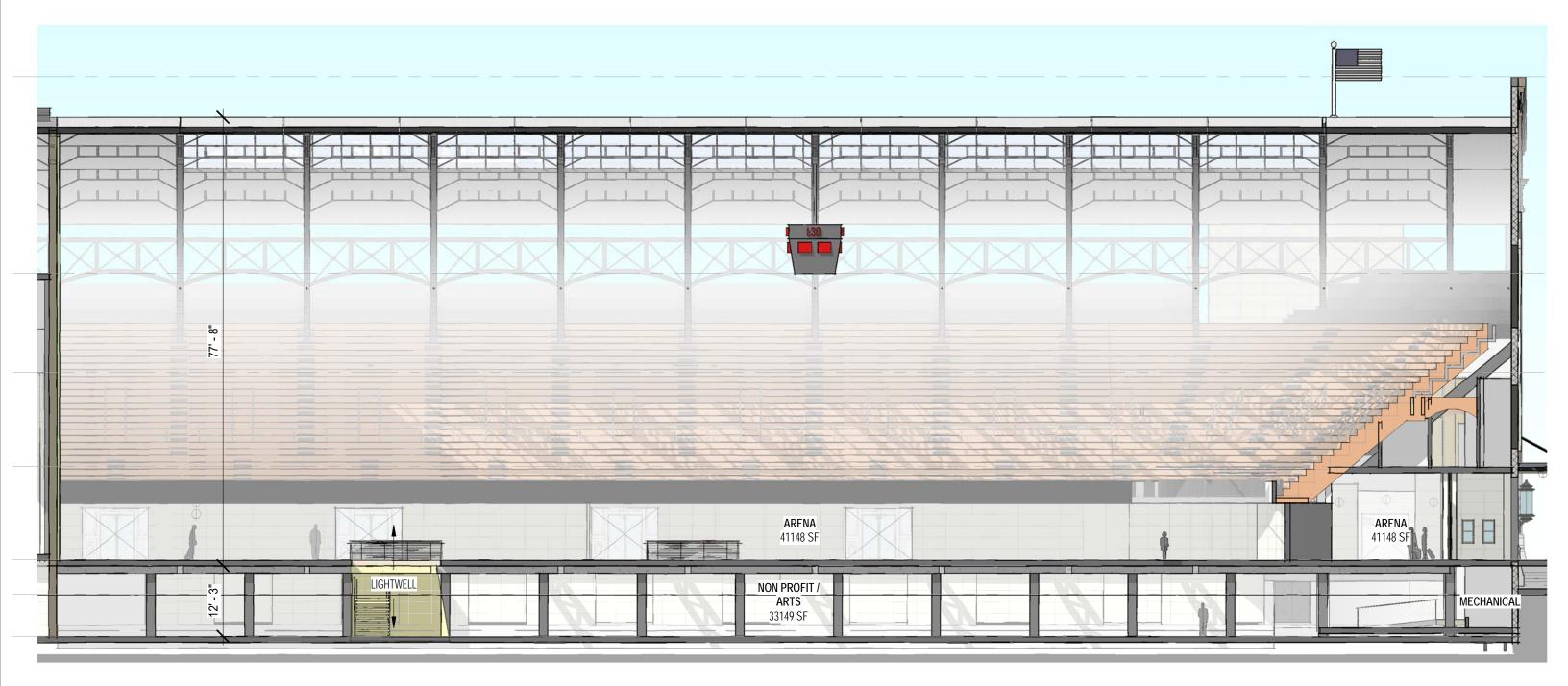
1 = 30'-0"



## OAKLAND CIVIC AUDITORIUM (HJK) PLANNING APPLICATION SUBMITTAL 01.15.2019

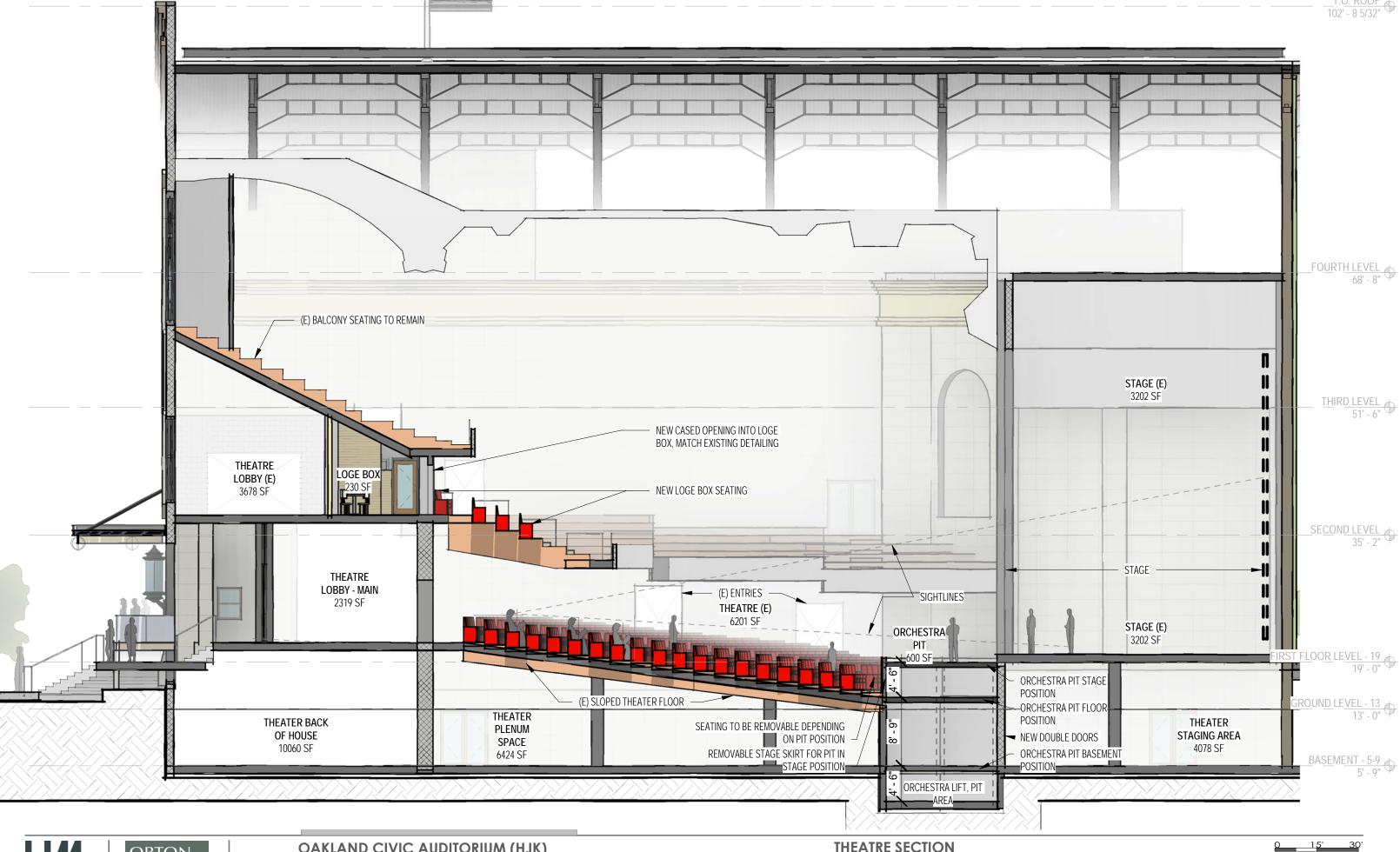










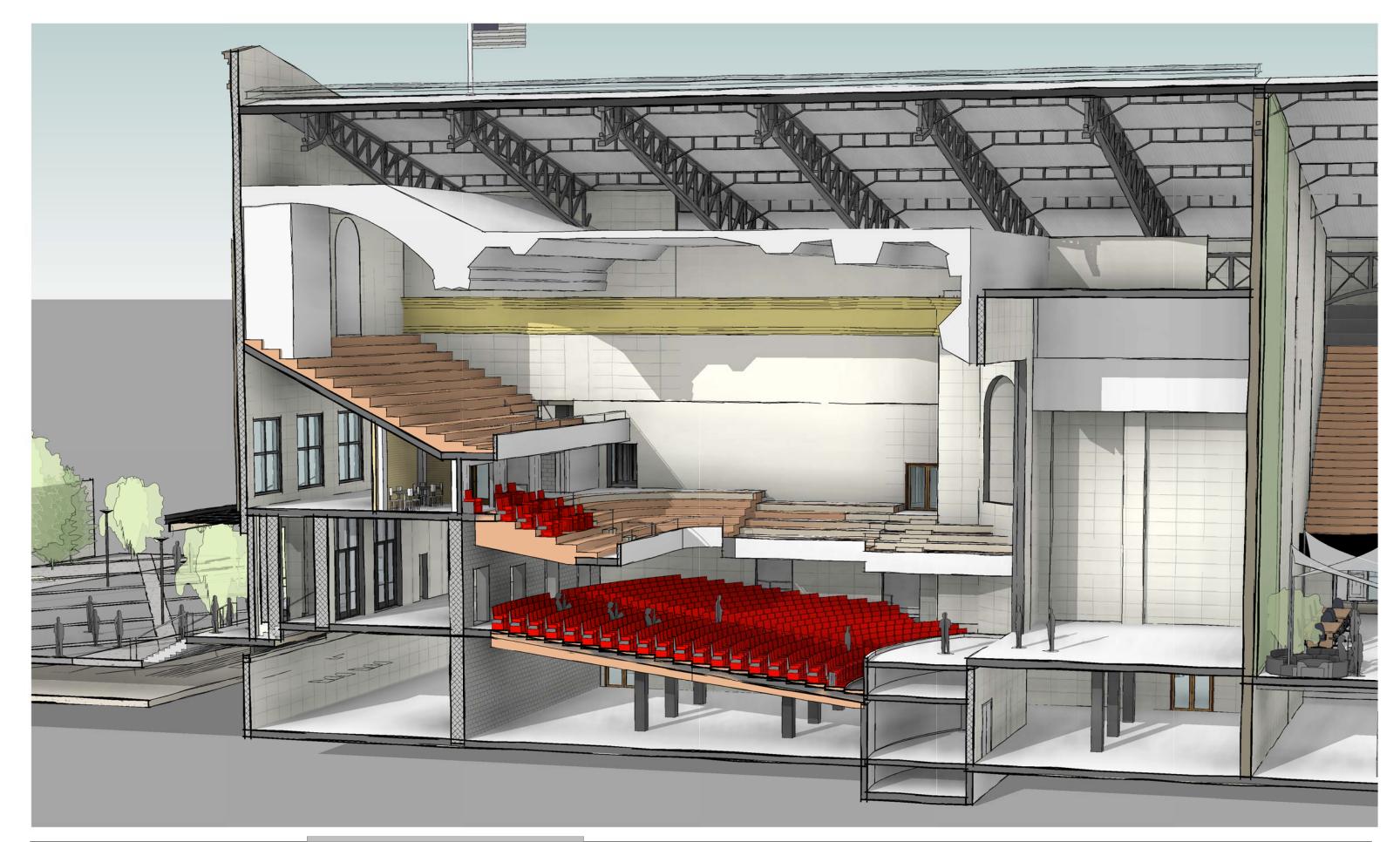




OAKLAND CIVIC AUDITORIUM (HJK) PLANNING APPLICATION SUBMITTAL 01.15.2019

THEATRE SECTION





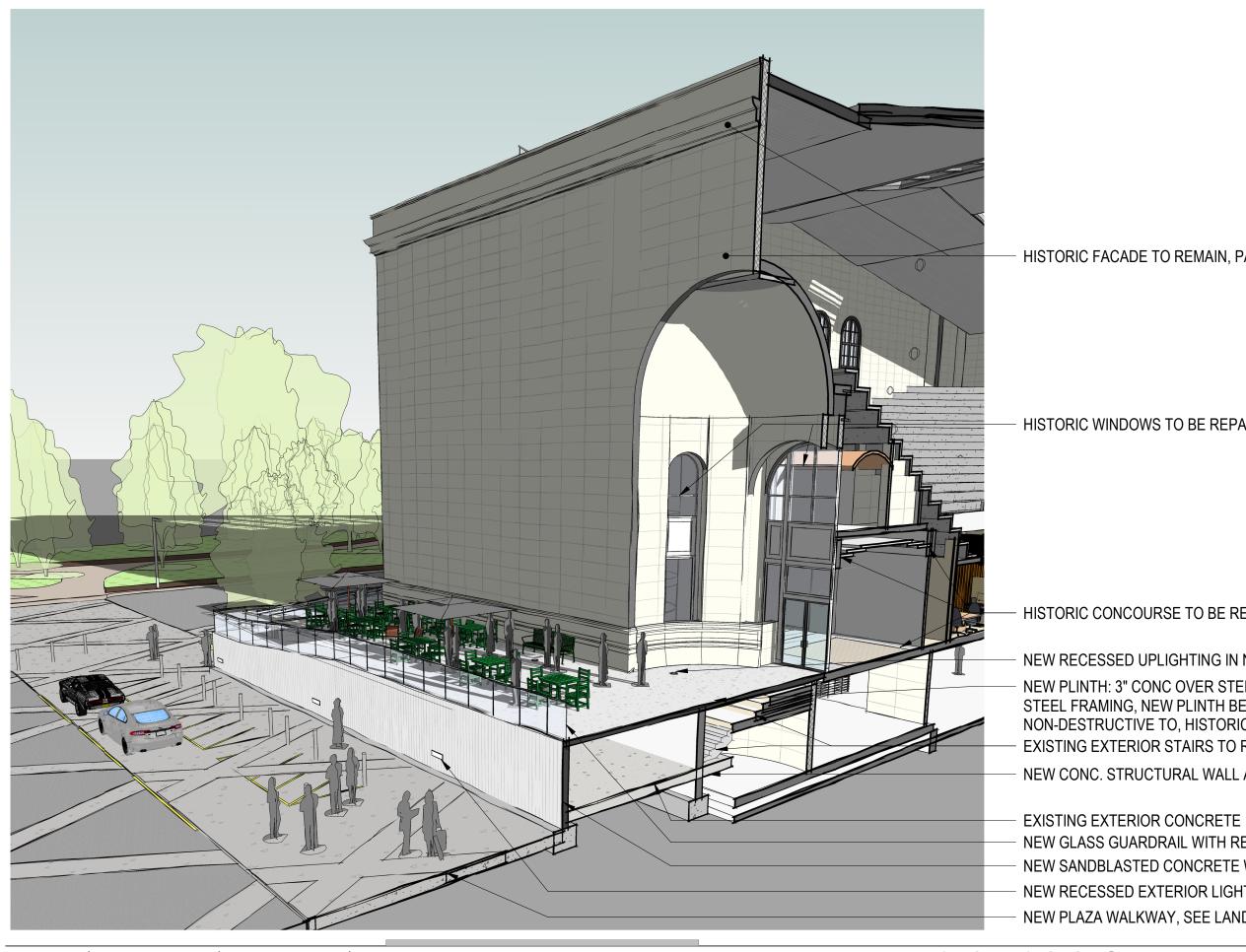


OAKLAND CIVIC AUDITORIUM (HJK) PLANNING APPLICATION SUBMITTAL 01.15.2019





# Hsu





**PERSPECTIVE SECTION** @ TERRACE

## HISTORIC FACADE TO REMAIN, PATCH AND REPAIR AS NECESSARY

## HISTORIC WINDOWS TO BE REPAIRED AND RESTORED

HISTORIC CONCOURSE TO BE RESTORED

NEW RECESSED UPLIGHTING IN NICHES

NEW PLINTH: 3" CONC OVER STEEL DECK SUPPORTED BY LIGHTWEIGHT STEEL FRAMING, NEW PLINTH BE BUILT INDEPENDENTLY OF, AND BE NON-DESTRUCTIVE TO, HISTORIC FACADE EXISTING EXTERIOR STAIRS TO REMAIN UNDER NEW PLINTH NEW CONC. STRUCTURAL WALL AND FOOTING TO SUPPORT PLINTH

NEW GLASS GUARDRAIL WITH RECESSED SST SHOE AND SST CAP NEW SANDBLASTED CONCRETE WALL NEW RECESSED EXTERIOR LIGHTING NEW PLAZA WALKWAY, SEE LANDSCAPE DRAWINGS