COUNTY OF SAN MATEO PLANNING AND BUILDING DEPARTMENT

DATE: September 6, 2018

TO: Zoning Hearing Officer

FROM: Planning Staff

SUBJECT: Consideration of a Coastal Development Permit pursuant to Section

6328.4, a Use Permit pursuant to Section 6500 of the San Mateo County Zoning Regulations, a Resource Management Permit pursuant to Section 6903, and a Grading Permit pursuant to Section 9283 of the San Mateo County Building Regulations (Division VII, Chapter 5), and certification of a Mitigated Negative Declaration pursuant to the California Environmental Quality Act for the construction of a new 27,389 sq. ft. maintenance building, a new 1,350 sq. ft. storage building, and a new 1,600 chemical storage building to replace five existing buildings located in the same area at the Olympic Club. The property is located at 599 Skyline Boulevard, in the unincorporated Daly City area of San Mateo County. This project is appealable to the California Coastal Commission.

County File Number: PLN 2017-00484

(Todd Wright for the Olympic Club)

PROPOSAL

The applicant is proposing to construct a new 27,389 sq. ft. maintenance building, a new 1,350 sq. ft. storage building, and a new 1,600 chemical storage building to replace five existing buildings located in the same area at the Olympic Club. The Olympic Club is an existing private golf course which spans the San Mateo County and San Francisco border. For development of the five structures and surface parking lot, 6,000 cubic yards of grading will occur. The project includes the removal of 64 trees around the area of the proposed project.

RECOMMENDATION

That the Zoning Hearing Officer certify the Mitigated Negative Declaration and approve the Coastal Development Permit, Use Permit, Resource Management Permit, and Grading Permit County File Number PLN 2017-00484, based on and subject to the required findings and conditions of approval listed in Attachment A.

BACKGROUND

Report Prepared By: Rob Bartoli, Project Planner, Telephone 650/363-1857

Applicant: Todd Wright

Owner: Olympic Club

Location: 599 Skyline Boulevard, unincorporated Daly City

APNs and Size: 002-012-060 (2.19 acres) and 002-012-050 (137 acres)

Existing Zoning: RM-CZ/CD (Resource Management - Coastal Zone/Coastal Development) and RE/S-9 (Residential Estates/Minimum 10,000 sq. ft. lot size)

General Plan Designation: Private Recreation Urban

Local Coastal Plan Designation: Recreation

Sphere-of-Influence: City of Daly City

Existing Land Use: The project site is currently developed with five maintenance buildings that support the Olympic Club golf course. A material storage area, water tank, and parking facility are located on the property for the maintenance operations.

Water Supply: The applicant will utilize an existing water connection from the City of Daly City Municipal Water District.

Sewage Disposal: The applicant will utilize an existing sewer connection from the North San Mateo County Sanitation District (City of Daly City).

Flood Zone: FEMA flood Zone X (area of minimal flooding). FEMA Flood Insurance Rate Map (FIRM) Panel 06081C0028F, Effective August 2, 2017.

Environmental Evaluation: Initial Study and Mitigated Negative Declaration issued with a public review period from August 8, 2018 through August 28, 2018 for the new maintenance buildings.

Setting: The project parcel is accessed via a driveway located off of Lake Merced Boulevard. The Olympic Club facilities are north, south, and west of the project area. The east property lines abut Lake Merced Boulevard. Single-family neighborhoods, which are within the city limits of the City of Daly City, are located across Lake Merced Boulevard and at the southern property line.

Chronology:

<u>Date</u> <u>Action</u>

November 21, 2017 - Application submitted to San Mateo County Planning

Department.

June 29, 2018 - Application deemed complete.

September 6, 2018 - Zoning Hearing Officer public hearing.

DISCUSSION

A. **KEY ISSUES**

1. Conformity with the General Plan

Staff has reviewed and determined that the project complies with all applicable General Plan Policies, including the following:

Vegetative, Water, Fish, and Wildlife Resources Policy 1.24 (*Protect Vegetative Resources*) calls for development to ensure the minimization of the removal of vegetative resources and/or stabilization of slopes or reduction of water runoff, erosion or sedimentation, and/or protection of historic scenic trees. The applicant has submitted a Maintenance Yard Project Tree Report (Arborist Report) prepared by HortScience, Inc., dated August 16, 2017, that identifies and recommends sixty-four (64) trees for removal and eighteen (18) trees to be retained in order to accommodate the development of the maintenance facility. The trees that are proposed for removal are either within the footprint of the new maintenance buildings, in poor health, or are dead. The Arborist Report (Attachment E) recommends mitigation measures to reduce development impacts to existing trees and to improve their health and vitality throughout the clearing, grading, and construction phases of development, included as Condition No. 21 of this staff report (Attachment A).

A nesting raptor and migratory bird survey was conducted by Leslie Zander, Principal Biologist of Zander Associates on July 13, 2018 (Attachment F). The survey found that no active nests of raptors or migratory birds were detected in any of the trees to be removed for the project or in any of the trees that are to remain on the site. One older, non-active nest was found in one of the trees to be removed. Several common avian species were observed in the area; bushtit, titmouse, stellar jay, Eurasian collared dove, crow. A red-shouldered hawk was heard calling in the distance but was not observed in the project area. The nesting raptor and migratory bird survey suggests that tree removal can proceed and should start prior to next

January to ensure no new nest attempts are initiated. If the trees are not removed prior to next January, another nesting survey is warranted and should be conducted within 30 days of tree removal. Condition No. 21 has been added to the project to reduce any impacts the tree removal may have on raptor and migratory birds.

Visual Quality Policy 4.35 (*Urban Area Design Concepts*) calls for new development to maintain and, where possible, improve upon the appearance and visual character of development in urban areas, and to ensure that new development in urban areas is designed and constructed to contribute to the orderly and harmonious development of the locality.

The project site is located neither within a State or County Scenic corridor nor a Design Review District. The two-story building will be partially visible from the neighboring residential areas due to the vegetation screening. A portion of the buildings will be visible from Lake Merced Boulevard. However, sufficient setback along this thoroughfare, including existing landscaping at the project site, assures that visual impacts are reduced relative to this area. A visual simulation (Attachment G) showing the new buildings and removed trees illustrates that the majority of the project will remained screened. The trees proposed for removal are within the project footprint and are generally smaller compared to the trees to remain, which are located around the perimeter of the property. The proposed non-reflective metal roof and siding materials will be partially screened by the remaining vegetation to ensure the visual character of the development is maintained in compliance with this policy.

Park and Recreation Resources Policy 6.49 (*Role of Private Sector*) encourages the private sector to provide park and recreation facilities and services. The golf club offers its members the typical services and facilities found in most private golf clubs such as golf and a clubhouse. The continued operation and proposed improvement of the Olympic Club to provide recreational facilities to private members complies with the policy.

Urban Land Use Policies 8.34 through 8.39 require that the proposed project is consistent with its land use designation and zoning district development standards, including maximum allowed densities, minimum allowed parcel sizes, height, bulk, setback requirements, and on-site parking requirements. The current use of the site includes a golf course and associated facilities which operate under an approved use permit. The golf course use is consistent with the General Plan's Private Recreation Land Use designation and the RM-CZ Zoning District Regulations for this site, which permit the golf course use subject to the issuance of a Use Permit. The table in Section 3 elaborates further the project's compliance with the RM-CZ Zoning Development Standards. The project complies with the majority of these policies, however, the existing and proposed structures are

located within the required setbacks for the RM-CZ Zoning District. A Use Permit is required to allow this encroachment, which is further discussed in Section 3. A surplus of parking spaces is provided in excess of those required by the County parking regulations for this project.

2. Conformance with the Local Coastal Program

Visual Resources Component

Policy 8.5 (*Location of Development*) requires that new development be located on a portion of a parcel where the development is least likely to significantly impact views from public viewpoints and is consistent with all other LCP requirements and which best preserves the visual and open space qualities of the parcel overall.

The two-story building will be partially visible from the neighboring residential areas due to the vegetation screening. A portion of the buildings will be visible from Lake Merced Boulevard. However, sufficient setback along this thoroughfare, including existing landscaping at the project site, assures that visual impacts are reduced relative to this area. A visual simulation (Attachment G) showing the new buildings and removed trees illustrates that the majority of the project will remained screened. The proposed non-reflective metal roof and siding materials further contribute to bringing the visual impact to a less than significant level, thereby complying with this policy.

Policy 8.9 (*Trees*) requires development to minimize tree removal. The applicant has submitted an arborist report for this project. Of the 64 trees proposed for removal, 48 of them are within the footprint of the proposed buildings, 11 of them are within the area for new utilities, and 5 trees are dead. The majority of the trees for removal are in poor or fair health. Of the 64 trees, only 12 trees are greater than 12" in diameter, qualifying as "significant" trees under County regulations. All trees proposed for removal are located within the proposed project footprint. Larger trees around the perimeter of the property will remain to screen the new buildings. The Arborist Report (Attachment E) recommends mitigation measures to reduce development impacts to existing trees and to improve their health and vitality throughout the clearing, grading, and construction phases of development, included as Condition No. 22 of this staff report (Attachment A).

Policy 11.15 (*Private Recreation and Visitor Serving Facilities*) requires that private recreation facilities conform to the development and locational standards included in the San Mateo County Local Coastal Program.

The project will be screened from view by the remaining trees on the property. Private recreation uses, such as the Olympic Club, are allowed under the General Plan land use designation, LCP land use designation, and the Resource Management-Coastal Zoning District.

3. Conformance with the RM-CZ Development Standards

Resource Management-Coastal Zone Development Standards a.

The following table summarizes the project's compliance with the development standards of the RM-CZ Zoning District:

Development Standards	Allowed	Proposed			
Maximum Height of Structures	36 feet	33 feet			
Minimum Front Yard Setback (from Lake Merced Boulevard)	50 feet	Approximately 45 feet*			
Minimum Side Yard Setbacks	20 feet	0 feet (left side)**; Approximately 70 feet (right side)			
Minimum Rear Yard Setback (from San Mateo County – San Francisco County boundary)	20 feet	4 feet – 4 inches *			
There is no Lot Coverage or FAR requirement for projects outside of the Midcoas					

on RM-CZ properties.

A Use Permit for the project is required to allow a reduction of the setbacks required in the RM-CZ Zoning District. The project conforms to the RM-CZ Development Standards in all other manners. A condition of approval requiring a Lot Line Adjustment will also be placed on the project to adjust the property line that currently runs through both the existing and proposed maintenance building. Buildings are not permitted to cross property lines either under the San Mateo County Zoning Code or San Mateo County Building Ordinance. The legal description of this property describes both lands in San Mateo and San Francisco counties. A Lot Line Adjustment will adjust the property line that bisects the building and will have the property line become coterminous with the San Mateo-San Francisco county line. While the Lot Line Adjustment will address the property line that runs through the structure, the proposed structures will still require a Use Permit per Section 6137 of the Non-Conforming Chapter

A Use Permit is required to allow the reduction in required setbacks.

^{**} A property line runs through both the existing and proposed building. A Lot Line Adjustment will be a condition of approval as part of this permit.

of the San Mateo County Zoning Code to grant relief from the front and rear setbacks. Per this section, a use permit may be granted to except any provision which restricts the continuation, enlargement, reestablishment or replacement of a non-conforming use, structure or situation. Prior to the issuance of the building permits for the proposed development, the applicant shall have recorded the Lot Line Adjustment.

b. Resource Management-Coastal Zone Development Review Criteria

Staff has reviewed and determined that the project complies with all applicable Resource Management-Costal Zone District Development Review Criteria Policies, including the following:

- (1) The proposed project adheres to the standards of Environmental Quality Criteria (Section 6912.1) by clustering new development where existing development is already present. The new buildings will be located within the footprint of the existing buildings. The project has been conditioned for the submittal of an erosion control plan to ensure that the discharge of soil and pollutants from and within the project site will be minimized. The Initial Study/Mitigated Negative Declaration for the project reviewed issues related to tree removal, grading, hydrology, and hazardous materials. The project, with the inclusion of the mitigation measures and conditions of approval, will adhere to the standards of the Environmental Quality Criteria.
- (2)The standards of the Site Design Criteria (Section 6912.2) to strategically locate and design development to carefully fit its environment, as well as address primary scenic resource area goals, have been implemented in the proposed project. The project is not located within either a State or County scenic corridor. While grading is proposed as part of the project, the area that will be graded will be limited to the area where the buildings are located and will not impact the topography that screens the buildings. The grading is to allow for the construction of a new two-story maintenance building, to adjust an existing driveway, and drainage purposes. The area around the two-story maintenance building slopes down toward the golf course. The lower floor of the building will be cut into this slope to minimize the visual impact of the building from the public right-of-way. The majority of the trees along the eastern property are proposed to be maintained to continue to screen the structures (Attachment G).

- (3) The City of Daly City, which provides water and sewer service to the property, has conditionally approved the project. This review and conditional approval ensure that the standards of the Utilities Criteria (Section 6912.3) have been met, which requires that a public water supply and adequate sewer capacity is available to serve the proposed development.
- (4) The proposed project will be in compliance with the Water Resources Criteria's (Section 6912.4) aim to minimize impact on hydrologic processes by minimizing grading and installing and maintaining active sediment and erosion control measures. The San Mateo County Department of Public Works, the San Mateo County Planning and Building Department, and the City of Daly City have also reviewed the site preparation procedures and construction phasing and have conditionally approved the proposed project.
- (5) The Planning Department has included a condition of approval (Condition of Approval No. 23), in the event that cultural resources are discovered, to meet the standards of the Cultural Resources Criteria (Section 6912.5) to ensure that all archaeological and/or paleontological resources are preserved.
- (6) While no identified hazards are located in the immediate vicinity of the proposed project area, the applicant is required to comply with all building and fire code requirements to ensure health and safety. The Building Inspection Section, Environmental Health Services, and Cal-Fire will review the building permit for this project to ensure that the standards of the Public Safety Criteria (Section 6324.6) are met during the construction phase for this project.

c. <u>Conformance with the Parking Regulations</u>

Pursuant to Section 6119 of the Zoning Regulations, 15 parking spaces are required for the project, based on storage areas, office spaces, and dormitory rooms. The total proposal includes 35 parking spaces that leaves a surplus of 20 parking spaces. These parking spaces will be used by the Olympic Club staff. Visitors to the club will continue to park in facilities located in other parts of the club. In addition, there are surface golf cart parking spaces, and parking for vehicles will also occur within the new maintenance building.

4. Compliance with the Use Permit Findings

Pursuant to Section 6503 (*Procedure*) of the County Zoning Regulations, the granting of a Use Permit is subject to the following finding:

That the establishment, maintenance, and/or conducting of the use will not, under the circumstances of the particular case, result in a significant adverse impact to coastal resources, or be detrimental to the public welfare or injurious to property or improvements in said neighborhood.

The 27,389 sq. ft. maintenance building, new 1,350 sq. ft. storage building, and new 1,600 chemical storage building are to replace the five existing buildings are located in the same developed area at the Olympic Club. The maintenance building is located 4 feet, 4 inches away from the rear property line, which is coterminous with the San Mateo-San Francisco county boundary. The property located adjacent to this building is owned by the Olympic Club and is used as a golf course. The wash area building is located 45 feet from the front yard setback. This building is located within the footprint of an existing building that is proposed to be demolished. The applicant requests a Use Permit to reduce the required setbacks from the front and rear property lines. If either of these buildings were to meet the required setbacks, further ground disturbance and tree removal may be required. The property is constrained by the existing conditions of the site, with an active golf course (under ownership of the Olympic Club) and the county boundary and property line at the rear of the property. Currently, a property line runs through both the existing building and the proposed building. The legal description of this property describes both lands in San Mateo and San Francisco counties. A Lot Line Adjustment will adjust the property line that bisects the building and will have the property line be coterminous with the San Mateo-San Francisco county line for the whole length of the property.

As discussed in the previous sections above, the proposed project will comply with the County Zoning Regulations in all other manners.

Based on the preceding discussions in this report, the project is not expected to be detrimental to the public welfare or injurious to property or improvements in the neighborhood. All review agencies have also conditionally approved this project. Furthermore, although the project is located within the coastal zone, no costal resources will be impacted. Grading will occur only within the existing maintenance facility area. The trees that are proposed to be removed are within the footprint of the proposed development. The remaining trees along the perimeter of the property will provide screening of the new buildings from the right-of-way

and the surrounding homes. The project complies with the policies of the San Mateo County Local Coastal Program.

5. <u>Conformance with the Grading Regulations</u>

Staff has determined that the project complies with the required findings for the approval of a grading permit pursuant to Section 9280 of the San Mateo County Ordinance Code, elaborated as follows:

a. That the granting of the permit will not have a significant adverse impact on the environment.

The proposed grading would accommodate the development of the maintenance facility into the sloping terrain of the project site. The project has been reviewed by the Department of Public Works and the Geotechnical Section and recommended conditions are included in Attachment A to ensure compliance with their respective standards to mitigate any potential negative environmental impacts, including project-related erosion and sedimentation. An Initial Study/Mitigated Negative Declaration (IS/MND) was prepared for the project, pursuant to the California Environmental Quality Act (CEQA). No comments were received. In order to reduce the potential environmental impacts to a less than significant level, eleven (11) mitigation measures have been included as Condition Nos. 20 through 30 for this project (Attachment A).

b. That the project conforms to the criteria of Chapter 8, Division VII, San Mateo Ordinance Code, including the standards referenced in Section 9296.

Upon review by Planning staff, the Department of Public Works and the Geotechnical Section of the grading plan, erosion, sediment control plan and soils report, the project has been deemed to comply with the grading standards. As conditioned, all grading work shall conform to plans prepared and submitted by Clifford Bechtel and Associates, the project's engineering consultants. The project engineers will also be responsible for the inspection and certification of the grading upon completion of the work and will be required to certify that the work is in conformity with the approved plans, and the Grading Regulations.

c. That the project is consistent with the General Plan.

As elaborated in the Section A.1 of this report, the project complies with applicable General Plan Policies, including those pertaining to Urban Land Use, Park and Recreation Resources, and Visual Quality.

B. ENVIRONMENTAL REVIEW

An Initial Study and Mitigated Negative Declaration have been prepared and circulated for this project, in compliance with the California Environmental Quality Act (CEQA). The public comment period commenced on August 8, 2018 and ended on August 21, 2018. No public comments were received during this period. Mitigation measures have been included as conditions of approval in Attachment A.

C. REVIEWING AGENCIES

Building Inspection Section
Department of Public Works
Geotechnical Section
Cal-Fire
Environmental Health Services
California Coastal Commission
City of Daly City

ATTACHMENTS

- A. Recommended Findings and Conditions of Approval
- B. Location Map
- C. Site Plan
- D. Floor Plan and Elevations
- E. Tree Report Maintenance Building Project prepared by HortScience, Inc., dated August 16, 2017
- F. Bird survey by Leslie Zander, Principal Biologist of Zander Associates dated July 13, 2018
- G. Visual simulation
- H. Mitigated Negative Declaration

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County of San Mateo Planning and Building Department

RECOMMENDED FINDINGS AND CONDITIONS OF APPROVAL

Permit or Project File Number: PLN 2017-00484 Hearing Date: September 6, 2018

Prepared By: Rob Bartoli For Adoption By: Zoning Hearing Officer

Project Planner

RECOMMENDED FINDINGS

For the Environmental Review, Find:

- 1. That the Initial Study and Mitigated Negative Declaration are complete, correct and adequate, and prepared in accordance with the California Environmental Quality Act (CEQA) and applicable State and County Guidelines.
- 2. That, on the basis of the Initial Study, comments received hereto, and testimony presented and considered at the public hearing, there is no substantial evidence that the project, as mitigated by the mitigation measures contained in the Mitigated Negative Declaration, will have a significant effect on the environment.
- 3. That the mitigation measures identified in the Mitigated Negative Declaration, agreed to by the applicant, and identified as part of this public hearing, have been incorporated as conditions of project approval.
- 4. That the Initial Study and Mitigated Negative Declaration reflect the independent judgment of the County.

For the Coastal Development Permit, Find:

5. That the project, as described in the application and accompanying materials required by Zoning Regulations Section 6328.7, and as conditioned in accordance with Section 6328.14 of the Zoning Regulations, conforms with the plans, policies, requirements, and standards of the San Mateo County Local Coastal Program (LCP). The plans and materials have been reviewed against the application requirements in Section 6328.7 of the Zoning Regulations and the project has been conditioned to minimize impacts to land use, sensitive habitats, and visual resources in accordance to the applicable components of the Local Coastal Program.

6. That the project conforms to the specific findings required by policies of the San Mateo County Local Coastal Program. The project meets the requirements specified by Policy 8.5 (*Location of Development*), Policy 8.9 (*Trees*), and Policy 11.15 (*Private Recreation and Visitor-Serving Facilities*) of the San Mateo County Local Coastal Program. The project has been conditioned to minimize impacts to land use, sensitive habitats, and visual resources in accordance to the applicable components of the Local Coastal Program.

Regarding the Resource Management-Costal Zone Permit, Find:

7. That the project conforms to the Development Standards and Development Review Criteria contained in Chapter 36 and 36A.2. The project conforms to the maximum height limit allowed and the minimum setbacks, with the exception of the front and rear setbacks for which the Use Permit is sought, and is compliant with Development Review Criteria as discussed in this report.

Regarding the Use Permit, Find:

8. That the establishment, maintenance, and/or conducting of the use will not, under the circumstances of this particular case, result in a significant adverse impact to coastal resources, or be detrimental to the public welfare or injurious to property or improvements in said neighborhood. The project has been given conditional approval by Building Inspection Section, Cal-Fire, and City of Daly City for sewer and water to ensure public health and safety.

Regarding the Grading Permit, Find:

- 9. That the granting of the permit will not have a significant adverse impact on the environment. The project has been reviewed by the Department of Public Works and the Geotechnical Section and has been given conditional approval. As proposed and conditioned, the project will not have a significant adverse impact on the environment as discussed in this report.
- 10. That the project conforms to the criteria of Chapter 8, Division VII, San Mateo Ordinance Code, including the standards referenced in Section 9296. Required documents were submitted as part of this application and implementation of the recommended conditions, including erosion and sediment control, dust control, fire safety, time restrictions, ensures compliance with this Ordinance.
- 11. That the project is consistent with the General Plan. As elaborated in the Section A.1 of this report, the project complies with applicable General Plan Policies, including those pertaining to Urban Land Use, Park and Recreation Resources, and Visual Quality.

RECOMMENDED CONDITIONS OF APPROVAL

Current Planning Section

General Conditions

- 1. This approval applies only to the proposal as described in the plans, supporting materials, and reports as presented to the Zoning Hearing Officer on September 6, 2018. Minor revisions or modifications to the project shall be subject to review and approval of the Community Development Director, if they are consistent with the intent of, and in substantial conformance with, this approval.
- 2. These permits shall be valid for five (5) years in which time a building permit shall be issued and a completed inspection (to the satisfaction of the Building Inspector) shall have occurred within 180 days of its issuance. An extension of this approval will be considered upon written request and payment of the applicable fees sixty (60) days prior to the permit's expiration.
- 3. Within four (4) business days of the final approval date for this project, the applicant shall submit an environmental filing fee of \$2,280.75, as required under Fish and Game Code Section 711.4, plus a \$50.00 recording fee. Thus, the applicant shall submit a check in the total amount of \$2,330.75, made payable to "San Mateo County Clerk," to the project planner to file with the Notice of Determination. Please be aware that the Department of Fish and Game environmental filing fee increases starting the 1st day of each new calendar year (i.e., January 1, 2019). The fee amount due is based on the date of payment of the fees.
- 4. The applicant shall include the approval letter on the top pages of the building plans to ensure that the conditions of approval are included with the on-site plans.
- 5. The applicant shall include an erosion and sediment control plan on the plans submitted for the building permit. This plan shall identify the type and location of erosion control measures to be installed upon the commencement of grading and construction in order to maintain the stability of the site and to prevent erosion and sedimentation off-site.
- 6. Prior to the issuance of the building permit, the applicant shall submit a dust control plan for review and approval by the Planning Department. The plan, at a minimum shall include the following measures:
 - a. Water all construction and grading areas at least twice daily.
 - b. Cover all trucks hauling soil, sand, and other loose material or require all trucks to maintain at least 2 feet of freeboard.

- c. Enclose, cover, water twice daily or apply (non-toxic) soil binders to exposed stockpiles (dirt, sand, etc.).
- 7. Per San Mateo county Ordinance Section 9296, all equipment used in grading operations shall meet spark arrester and firefighting tool requirements, as specified in the California Public Resources Code.
- 8. No grading shall be allowed during the winter season (October 1 to April 30) or during any rain event to avoid potential soil erosion unless prior written request by the applicant is submitted to the Community Development Director in the form of a completed application for an Exception to the Winter Grading Moratorium at least, two (2) weeks prior to the projected commencement of grading activities stating the date when grading will begin for consideration, and approval is granted by the Community Development Director.
- 9. The applicant shall apply for a building permit and shall adhere to all requirements from the Building Inspection Section, the Department of Public Works, and Cal-Fire.
- 10. No site disturbance shall occur, including any grading or tree removal, until a building permit has been issued, and then only those trees approved for removal shall be removed.
- 11. To reduce the impact of construction activities on neighboring properties, comply with the following:
 - a. All debris shall be contained on-site; a dumpster or trash bin shall be provided on-site during construction to prevent debris from blowing onto adjacent properties. The applicant shall monitor the site to ensure that trash is picked up and appropriately disposed of daily.
 - b. The applicant shall remove all construction equipment from the site upon completion of the use and/or need of each piece of equipment which shall include but not be limited to tractors, back hoes, cement mixers, etc.
 - c. The applicant shall ensure that no construction-related vehicles shall impede through traffic along the right-of-way on Lake Merced Boulevard. All construction vehicles shall be parked on-site outside the public right-of-way or in locations which do not impede safe access on Lake Merced Boulevard. There shall be no storage of construction vehicles in the public right-of-way.
- 12. An Erosion Control and/or Tree Protection Inspection is required prior to the issuance of a building permit for grading, construction, and demolition purposes, as the project requires tree protection of significant tree(s). Once all review agencies have approved your building permit, you will be notified that an approved job copy of the Erosion Control and/or Tree Protection Plan is ready for pick-up at

the Planning counter of the Planning and Building Department. Once the Erosion Control and/or Tree Protection measures have been installed per the approved plans, please contact the San Mateo County Building Department at 650/599-7311 to schedule a pre-site inspection. A \$144 inspection fee will be assessed to the building permit for the inspection. If the initial pre-site inspection is not approved, an additional inspection fee will be assessed for each required reinspection until the job site passes the Pre-Site Inspection, or as determined by the Building Inspection Section.

- 13. Trash storage areas (including recycling or food compactor areas or similar areas), wash areas, loading docks, repair/maintenance bays, and equipment or material storage areas shall be completely covered and bermed to ensure that no stormwater enters the covered area. Covered areas shall be sloped to drain to area drains connected to the sanitary sewer system, subject to the local sanitary sewer agency's authority and standards.
- 14. As the project involves over 1 acre of land disturbance, the property owner shall file a Notice of Intent (NOI) with the State Water Resources Board to obtain coverage under the State General Construction Activity NPDES Permit. A copy of the project's NOI, WDID Number, and Stormwater Pollution Prevention Plan (SWPPP) shall be submitted to the Current Planning Section and the Building Inspection Section, prior to the issuance of the grading permit "hard card."
- 15. No grading activities shall commence until the property owner has been issued a grading permit (issued as the "hard card" with all necessary information filled out and signatures obtained) by the Current Planning Section.

Additional Related Condition:

- 16. It shall be the responsibility of the engineer of record to regularly inspect the erosion control measures for the duration of all grading remediation activities, especially after major storm events, and determine that they are functioning as designed and that proper maintenance is being performed. Deficiencies shall be immediately corrected, as determined by and implemented under the observation of the engineer of record.
- 17 For the final approval of the Grading Permit, the applicant shall ensure the performance of the following activities within thirty (30) days of the completion of grading:
 - a. The engineer shall submit written certification to the Building Department Geotechnical Section that all grading has been completed in conformance with the approved plans, conditions of approval, and the Grading Ordinance.
 - b. All applicable work during construction shall be subject to observation and approval by the geotechnical consultant. Section II of the Geotechnical

Consultant Approval form must be submitted to the County's Geotechnical Engineer and Current Planning Section.

18. Prior to the final issuance of the associated building permit for this project, the applicant shall submit to San Mateo County all required documents and materials required for a Lot Line Adjustment and Coastal Development Permit. The Lot Line Adjustment shall be recorded prior to issuance of the building permit. The Lot Line Adjustment and Coastal Development Permit proposal shall remedy the property line that bisects the proposed building and be compliant with applicable Subdivision Ordinance (Lot Line Adjustment) and Coastal Development Permit requirements.

Mitigation Measures from the Mitigated Negative Declaration:

- 19. <u>Mitigation Measure 1</u>: The applicant shall install downward exterior lighting fixtures to ensure that light and glare are directed away from neighboring properties and confined to the site. The building plans shall show the location of all exterior light and cut sheets of the lights shall be provided at the building permit stage.
- 20. <u>Mitigation Measure 2</u>: The applicant shall require construction contractors to implement all the Bay Area Air Quality Management District's Basic Construction Mitigation Measures, listed below:
 - a. Water all active construction areas at least twice daily.
 - b. Water or cover stockpiles of debris, soil, sand, or other materials that can be blown by the wind.
 - c. Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least 2 feet of freeboard.
 - d. Apply water two times daily or apply (non-toxic) soil stabilizers on all unpaved access roads, parking, and staging areas at the construction sites.
 Also, hydroseed or apply non-toxic soil stabilizers to inactive construction areas.
 - e. Sweep adjacent public streets daily (preferably with water sweepers) if visible soil material is carried onto them.
 - f. Enclose, cover, water twice daily, or apply non-toxic soil binders to exposed stockpiles (dirt, sand, etc.).
 - g. Limit traffic speeds on unpaved roads within the project parcel to 15 miles per hour.

- h. Install sandbags or other erosion control measures to prevent silt runoff to public roadways and water ways.
- Replant vegetation in disturbed areas as quickly as possible.
- 21. <u>Mitigation Measure 3</u>: If the trees proposed for removal by this project are not removed prior to next January, another nesting survey is warranted and should be conducted within 30 days before tree removal.

22. Mitigation Measure 4: Arborist Report mitigation measures:

- a. Any plan affecting trees should be reviewed by the Consulting Arborist with regard to tree impacts. These include, but are not limited to, improvement plans, utility and drainage plans, grading plans, landscape and irrigation plans, and demolition plans.
- b. Include tree trunk locations, canopy limits (driplines), and tree numbers on all plans.
- c. Establish a Tree Protection Zone for trees to be preserved, in which disturbance is permitted. The Tree Protection Zones shall be 1' behind the planned edge of grading. No grading, excavation, construction, or storage of materials shall be within that zone.
- d. Fence trees to completely enclose the Tree Protection Zone prior to demolition, grubbing, or grading. Fences shall be 6-ft. chain link or equivalent as approved by the County of San Mateo. Fences are to remain until all construction is completed. Fences may not be relocated or removed without permission of the Consulting Arborist.
- e. The project's security fencing may serve as tree protection fencing along the project perimeter.
- f. Other than the planned undergrounding of the existing electrical service, underground utilities such as water and sewer shall be routed around the Tree Protection Zone.
- g. Irrigation systems must be designed so that no trenching will occur within the Tree Protection Zone.
- h. Any herbicides placed under pacing materials must be safe for use around trees and labeled for that use.
- i. Cap and abandon-in-place all existing underground utilities within the Tree Protection Zone. Removal of utility boxes by hand is acceptable, but no

- trenching should be performed within the Tree Protection Zone in an effort to remove utilities, irrigation lions, etc.
- j. Trees to be preserved may require pruning to provide clearance for construction. Any pruning shall be completed by a Certified Arborist or Tree Worker. Pruning shall adhere to the latest edition of the ANSI Zi33 and A300 standards as well as the Best Management Practices - Tree Pruning published by the International Society of Arboriculture.
- k. Structures and underground features to be removed within the Tree Protection Zone shall use the smallest equipment and operate from outside the Tree Protection Zone. The consultant shall be on-site during all operations within the Tree Protection Zone to monitor demolition activity.
- Any excavation within the dripline or other work expected to encounter tree roots should be approved and monitored by the Consulting Arborist. Roots shall be cut by manually digging a trench and cutting exposed roots with a sharp saw. The Consulting Arborist will identify where root pruning is required.
- m. If injury should occur to any tree during construction, it should be evaluated as soon as possible by the Consulting Arborist so that appropriate treatment can be applied.
- n. Prior to grading, pad preparation, excavation for foundations/footings/walls, and trenching, trees may require root pruning outside of the Tree Protection Zones by cutting all roots cleanly to the depth of the excavation. Roots shall be cut by manually digging a trench and cutting exposed roots with a sharp saw or other approved root pruning equipment. The Consulting Arborist will identify where root pruning is required.
- o. No materials, equipment, spoil, waster, or wash out waster may be deposited, stored, or parking within the Tree Protection Zone.
- p. The demolition contractor shall meet with the Consulting Arborist before beginning work to discuss work procedures and tree protection.
- 23. <u>Mitigation Measure 5</u>: In the event that should cultural, paleontological, or archaeological resources be encountered during site grading or other site work, such work shall immediately be halted in the area of discovery and the project sponsor shall immediately notify the Community Development Director of the discovery. The applicant shall be required to retain the services of a qualified archaeologist for the purpose of recording, protecting, or curating the discovery as appropriate. The cost of the qualified archaeologist and of any recording, protecting, or curating shall be borne solely by the project sponsor. The archaeologist shall be required to submit to the Community Development Director

for review and approval a report of the findings and methods of curation or protection of the resources. No further grading or site work within the area of discovery shall be allowed until the preceding has occurred. Disposition of Native American remains shall comply with CEQA Guidelines Section 15064.5(e).

- 24. Mitigation Measure 6: Prior to the issuance of the Building permit for the property, the applicant shall submit to the Planning Department for review and approval an erosion and drainage control plan that shows how the transport and discharge of soil and pollutants from and within the project site shall be minimized. The plan shall be designed to minimize potential sources of sediment, control the amount of runoff and its ability to carry sediment by diverting incoming flows and impeding internally generated flows, and retain sediment that is picked up on the project site through the use of sediment-capturing devices. The plan shall also limit application, generation, and migration of toxic substances, ensure the proper storage and disposal of toxic materials, and apply nutrients at rates necessary to establish and maintain vegetation without causing significant nutrient runoff to surface waters. Said plan shall adhere to the San Mateo Countywide Stormwater Pollution Prevention Program "General Construction and Site Supervision Guidelines," including:
 - a. Sequence construction to install sediment-capturing devices first, followed by runoff control measures and runoff conveyances. No construction activities shall begin until after all proposed measures are in place.
 - b. Minimize the area of bare soil exposed at one time (phased grading).
 - c. Clear only areas essential for construction.
 - d. Within five (5) days of clearing or inactivity in construction, stabilize bare soils through either non-vegetative Best Management Practices (BMPs), such as mulching, or vegetative erosion control methods, such as seeding. Vegetative erosion control shall be established within two (2) weeks of seeding/planting.
 - e. Construction entrances shall be stabilized immediately after grading and frequently maintained to prevent erosion and to control dust.
 - f. Control wind-born dust through the installation of wind barriers such as hay bales and/or sprinkling.
 - g. Soil and/or other construction-related material stockpiled on-site shall be placed a minimum of 200 feet from all wetlands and drain courses. Stockpiled soils shall be covered with tarps at all times of the year.

- h. Intercept runoff above disturbed slopes and convey it to a permanent channel or storm drains by using earth dikes, perimeter dikes or swales, or diversions. Use check dams where appropriate.
- i. Provide protection for runoff conveyance outlets by reducing flow velocity and dissipating flow energy.
- j. Use silt fence and/or vegetated filter strips to trap sediment contained in sheet flow. The maximum drainage area to the fence should be 0.5 acres or less per 100 feet of fence. Silt fences shall be inspected regularly and sediment removed when it reaches 1/3 the fence height. Vegetated filter strips should have relatively flat slopes and be vegetated with erosionresistant species.
- k. Throughout the construction period, the applicant shall conduct regular inspections of the condition and operational status of all structural BMPs required by the approved erosion control plan.
- I. No erosion or sediment control measures will be placed in vegetated areas.
- m. Environmentally sensitive areas shall be delineated and protected to prevent construction impacts.
- n. Control of fuels and other hazardous materials, spills, and litter during construction.
- o. Preserve existing vegetation whenever feasible.
- 25. <u>Mitigation Measure 7</u>: The applicant shall implement the following basic construction measures at all times:
 - a. Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California Airborne Toxic Control Measure, Title 13, Section 2485 of the California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.
 - b. All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified visible emissions evaluator.
 - c. Post a publicly visible sign with the telephone number and person to contact at the lead agency regarding dust complaints. This person, or his/her designee, shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations

- 26. <u>Mitigation Measure 8</u>: Noise sources associated with demolition, construction, repair, remodeling, or grading of any real property shall be limited to the hours from 7:00 a.m. to 6:00 p.m., weekdays and 9:00 a.m. to 5:00 p.m., Saturdays. Said activities are prohibited on Sundays, Thanksgiving, and Christmas (San Mateo Ordinance Code Section 4.88.360).
- 27. <u>Mitigation Measure 9</u>: Should any traditionally or culturally affiliated Native American tribe respond to the County's issued notification for consultation, such process shall be completed and any resulting agreed upon measures for avoidance and preservation of identified resources shall be taken prior to implementation of the project.
- 28. <u>Mitigation Measure 10</u>: In the event that tribal cultural resources are inadvertently discovered during project implementation, all work shall stop until a qualified professional can evaluate the find and recommend appropriate measures to avoid and preserve the resource in place, or minimize adverse impacts to the resource, and those measures shall be approved by the Current Planning Section prior to implementation and continuing any work associated with the project.
- 29. <u>Mitigation Measure 11</u>: Any inadvertently discovered tribal cultural resources shall be treated with culturally appropriate dignity taking into account the tribal cultural values and meaning of the resource including, but not limited to, protecting the cultural character and integrity of the resource, protecting the traditional use of the resource, and protecting the confidentiality of the resource.

Building Inspection Section

- 30. The applicant shall apply for a building permit for the project.
- 31. Prior to the issuance of the building permit, the applicant shall have prepared, by a registered civil engineer, a drainage analysis of the proposed project. The drainage analysis shall consist of a written narrative and a plan. The flow of the stormwater onto, over, and off of the property shall be detailed on the plan and shall include adjacent lands as appropriate to clearly depict the pattern of flow. The analysis shall detail the measures necessary to certify adequate drainage. Post-development flows and velocities shall not exceed those that existed in the pre-developed state. Recommended measures shall be designed and included in the improvement plans and submitted to the Planning and Building Department for review and approval.

San Mateo County Environmental Health Services

32. The applicant shall update their existing Hazardous Material Business Plan and CUPA if required to do so by the San Mateo County Environmental Health Services.

San Mateo County Department of Public Works

- 33. The applicant shall submit to the Department of Public Works, for review, documentation for lot line adjustment as needed to show that all construction is located on the same parcel.
- 34. No proposed construction work within the City of Daly City or the City and County of San Francisco right-of-way shall begin until City and County requirements for the issuance of an encroachment permit, including review of the plans, have been met and an encroachment permit issued. The applicant shall contact a Department of Public Works Inspector as directed by the respective jurisdictions prior to commencing work in the right-of-way.
- 35. Prior to the issuance of the Building Permit, the applicant will be required to provide payment of "roadway mitigation fees" based on the square footage (assessable space) of the proposed building per Ordinance No. 3277.

City of Daly City

- 36. The contractor will be required to obtain an encroachment permit from the City of Daly City prior to start of construction activities.
- 37. The contractor will be required to install full trash capture devices approved by the City of Daly City for all drain inlets discharging to Vista Grande Canal.
- 38. Construction of the storm water retention system shall be inspected and approved by the City of Daly City.
- 39. Erosion and sedimentation control measures impacting Daly City Right-of-Way and Vista Grande Canal shall be inspected and approved by the City of Daly City. Additional measures shall be installed as directed by the Daly City inspector.

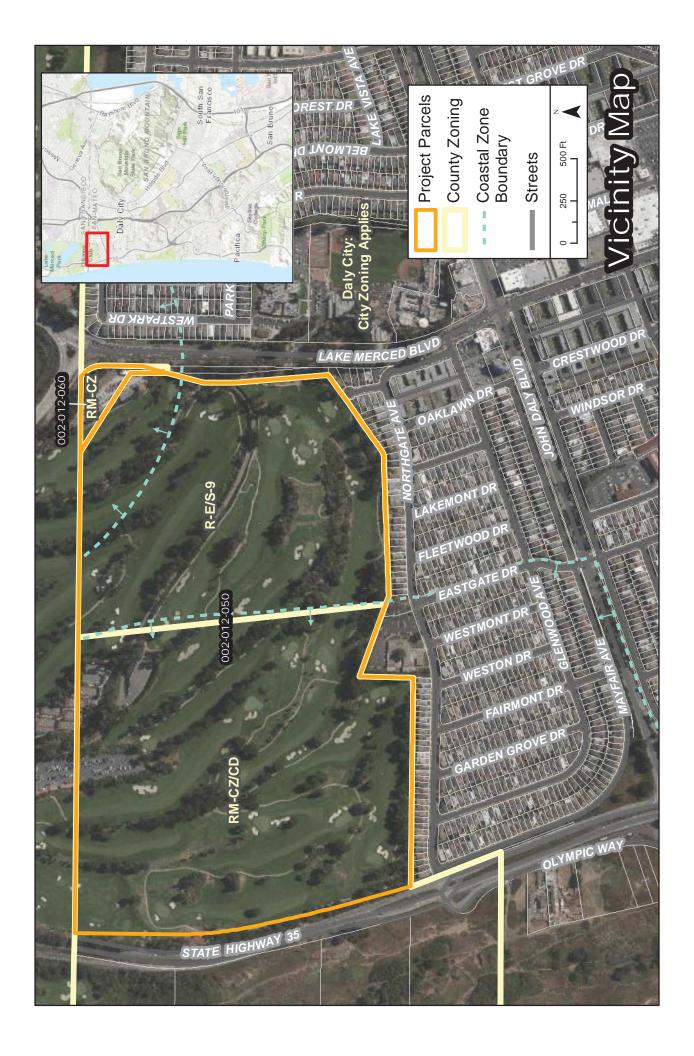
Cal-Fire

- 40. The required fire flow shall be available from a County Standard 6-inch Wet Barrel Fire Hydrant. The configuration of the hydrant shall have a minimum of one each 4 1/2_inch outlet and one each 2 1/2-inch outlet located not more than 250 feet from the building measured by way of approved drivable access to the project site.
- 41. A fire sprinkler system will be required for this project. Please submit a fire sprinkler system plan to the San Mateo Building Inspection Section. A statement that the building will be equipped and protected by automatic fire sprinklers must appear on the title page of the building plans.
- 42. Indicate the location of the inspectors test valve on the fire sprinkler plans.

43. Please outline the designated turnaround with red paint on the asphalt. RJB:jlh – RJBCC0320_WJU.DOCX

County of San Mateo - Planning and Building Department

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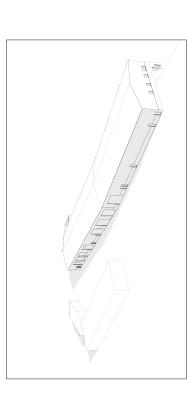
County of San Mateo - Planning and Building Department

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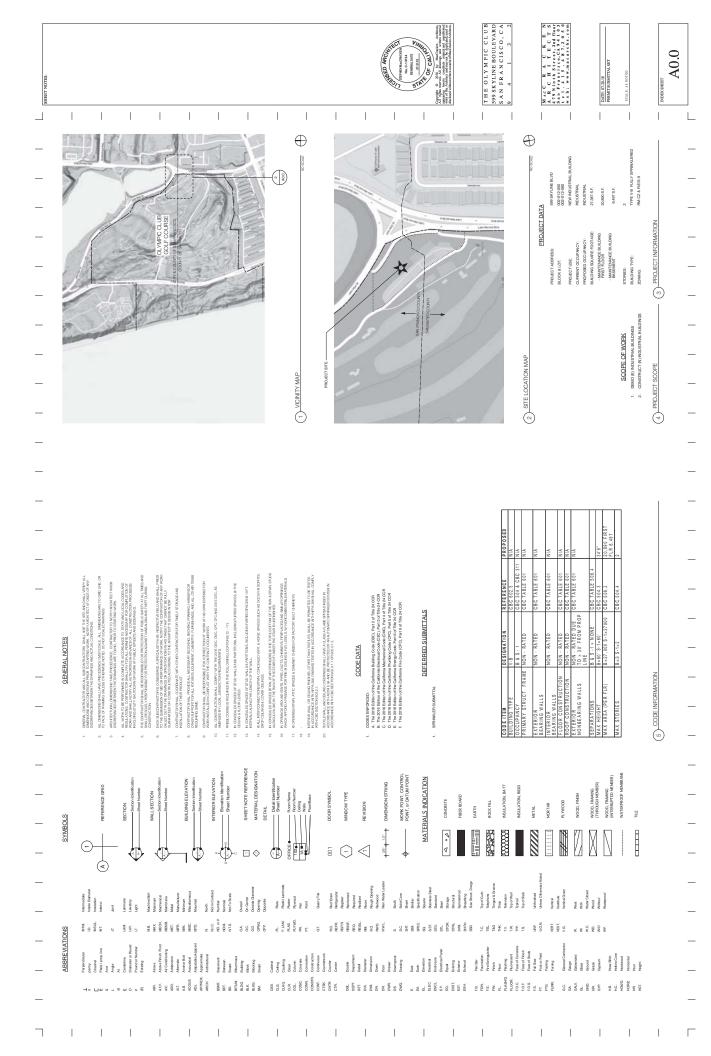
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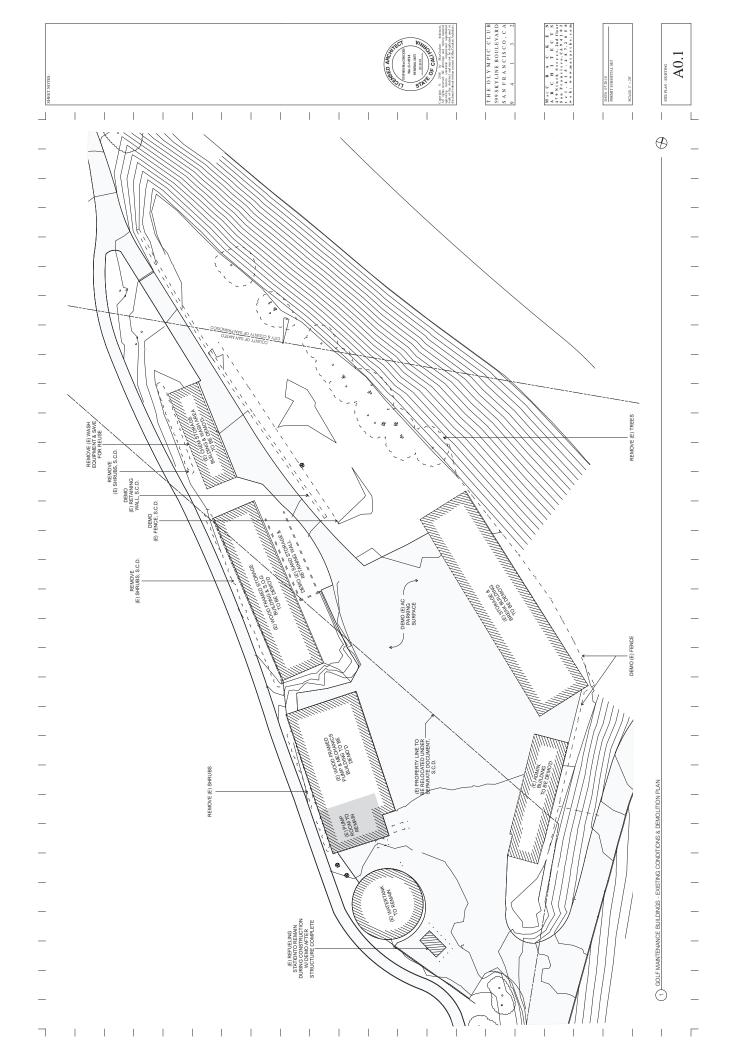


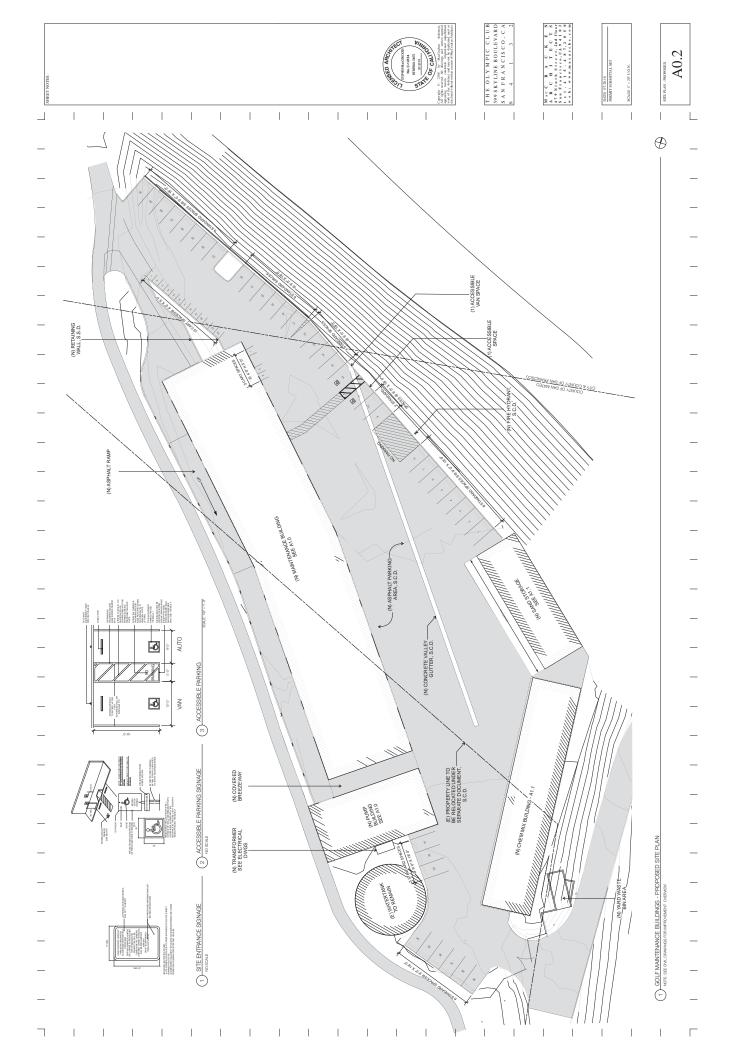
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CLIFTORD RECEIFE.

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1. THE CONSULTING ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSELE FOR, OR LUABE FOR UNAUTHORISED GHANGS TO GRESS TO THE PLANS MLST BE IN WRITHOL AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS. VIII. UNAUTHORIZED CHANGES AND USES

2. NO FELD CHANGES SHALL BE MADE WITHOUT PRIOR AUTHORIZATION FROM THE COUNTY AND PROJECT OWN, ENGINEER, THE CONTRACTOR SY RELL DESPONSIBLE FOR WAY FELD, CHANGES MADE WITHOUT PRIOR WRITTEN APPROVAL FROM THE COUNTY AND CIVIL ENGINEER. IX. SEDIMENTATION AND POLLUTION CONTROL

CONTRACTOR SHALL BE RESPONSIBLE FOR PUMPING AND FILTERING SEDMENT LABBN WRITER, IF ENCOUNTERED UNRING BASSAMEN EXCANATION, PRIOR FOR RELEASING WATER TO THE PUBLIC STORM DRAIN SYSTEM.

ALL TRUCKS TRANSPORTING FILL MATERIAL SHALL BE COVERED OR PROTECTED IN SUCH A WAY AS TO PREVENT SLUFFING AND/OR SPILLAGE.

1. COMPACTOR STORES OF SECTIONS OF STORES OF SECTION STORES OF SEC 6. CONTRACTOR SHALL BE RESPONSIBLE FOR FOR ALL OFF-SITE DAMAGE RESULTING FROW THE LACK OF DUST CONTROL, AND SHALL PROVIDE MITIGATION MEASURES, AT HIS SOLE EXPENSE, AS DRECTED BY THE COUNTY.

7 CONTRACTOR SHALL PLAN, CREATE, AND MAINTAIN A "CONTRACTORS SHALL BE INFORMED OF RULES AND RELUCIOUS CONTRACTORS SHALL BE INFORMED OF RULES AND RECLULATIONS CONFERNMEN MAINTIORY WASH OUT AREAS. NO WASHING OUT IN PUBLIC RIGHT OF WAY SHALL BE PERMITTED.

 CONTRACTOR SHALL BE RESPONSIBLE FOR FOLLOWING "BEST MANAGEMENT PRACTICES" ON AND OFF SITE AT ALL THESE, CORRECTORS TO ON AND OFFSITE BUP OPERATIONS SHALL BE CORRECTED, AS DEMED NECESSARY BY THE COUNTY. X. FIRE PROTECTION

ALL FIRE SERVICE VALVES, PIPES, AND SIGNAGE SHALL BE INSPECTED AND APPROVED BY THE COUNTY FIRE INSPECTOR PRIOR TO FINAL.

XI. STORM DRAINAGE INLET NOTES

1. STORM DRAIN INLETS SHALL BE AS FOLLOWS:

A. CATCH BASINS — SANTA ROSA CAST PRODUCTS CO. MODEL 2K-24"224"
(TYP) OR AS NOTED (SEE PLANS), PROVIDE IRRAME AND GRAFE.

B. AREA DRAINS - 12" GALVANIZED CAST IRON FLOOR DRAIN, BY JAY R SMITH WITH DEEP BODY & SEDIMENT BUCKET SET IN POST TENSION SLAB.

C. PLANTER DRAINS - 12" NDS SQUARE DRAINS WITH ATRIUM GRATE.

D. TRENCH GRATE – SHALL BE POLYCAST PRESLOPED, EXTRA HEAVY DUTY, SERIES 700, WITH CAST IRON GRATE OR EQUAL.

E. GARAGE DRAIN INLET - JENSEN 24"X24" DROP INLET WITH CAST IRON, TRAFFIC LOADING OR EQUAL. F. CONTRACTOR SHALL MARK ALL STORM DRAIN INLETS WITH THE LOGG "NO DUMPING — DRAINS TO BAY". CONTRACTOR TO USE THERMOPLASTIC MARKINGS ON ALL INLETS OF METAL DISK.

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INGS	1,800 CY	0 CY
WAY	1,080 CY	420 CY
/FRONT/SIDE YARD	120 CY	2,580 CY
	3,000 CY	3,000 CY 3,000 CY
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NTATIVE'S OBSERVATIONS OF THE CONTRACTOR'S	OT INCLUDE ANY SUPERINTENDING, SUPERMSION, OR	ACTUAL WORK OF THE CONTRACTOR,	DR THE CONTRACTOR'S OR SUBCONTRACTOR'S	S ANY CONSTRUCTION REVIEW OF THE	FORMANCE CONDUCTED BY THE SOILS ENGINEER	EW OF THE ADEQUACY OF THE CONTRACTOR'S	IN, ON, OR NEAR THE CONSTRUCTION SITE.	EXERCISE EXTREME CARE TO CONFORM TO THE	TIONS, AND DIMENSIONS AS SET FORTH ON THESE	IN AREAS SHALL CONFORM TO THE VERTICAL

WHERVER, IN THE OPINION OF THE SOLIS ENGINEER, AN UNSTABLE GRADING COMDITION IS BEING CREATED, THE CONTRACTOR SHALL MANEDATELY CORRECT THE CONDITION BEFORE PROCEEDING WITH OTHER WORK.

ALL AREAS TO BE GRADED SHALL FIRST BE STRIPPED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SOIL REPORT AND THE SOILS ENGINEER ALL SUMPS CREATED BY GRADING OPERATIONS SHALL BE FILLED AND GRADED FOR POSITIVE DRAINAGE.

32. DURING CONSTRUCTION, THE PUBLIC STREETS SHALL BE CLEANED AS OFTEN AS REQUIRED TO REMOVE ANY ACCOUNTAINTON FOR WILD AND DEBRIS RESULTING FROM THE CONSTRUCTION, AT NO, TIME SHALL SQUI OF DEBRIS BE ALLOWED TO ENTER INTO STORM DRAIN SYSTEMS OR OPEN CHANNELS.

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CONTRACTOR SHALL COORDINATE HIS WORK AND THAT OF HIS SUBCONTRACTORS WITH ANY NCHOIND DISABOLITION, GANDING, UNDERROUND WORK, OR SITE WORK OF OTHER CONTRACTORS AND WITH THE INSTALLATION OF FACULTES BY POCKE, PAC BELL, CALIFORNIA WATER AND CABLE TV.

CONTRACTOR SHALL OBTAIN COUNTYS APPROVAL FOR ALL HAUL ROUTES TO AND FROM THE STE, PRIOR TO STARTING WORK. THE HAULING ROUTES SHALL BE STREICLY ADHERD. TO BY THE CONTRACTOR AND ALL SUGGONTRACTORS.

33. AS TO THE ACCURACY BETWEEN THE WORK SET FORTH ON THESE PLANS AND THE WORK IN THE FIELD, ANY DISCORDENACES SHALL BE BROLLOFT TO THE ATTENTION OF THE O'NL BROWEER PRIOR TO START OF CONSTRUCTION OF THE PARTICULAR ITEM OF WORK.

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THE CONTRACTOR SHALL GIVE THE COUNTY, AND UTILITY AGANCES THO (2) DAYS ADAVIORS OND USE SPROKES. THE CONTRACTOR SHALL REQUEST STANING SERVICES FROM THE CONSULTING DROINERR AT LEAST THO (2) MORRING DAYS PRIOR TO STANING.

EARTHWORK QUANTITIES SHOWN HERBIN ARE APPROX. AND MAY OR MAY NOT BE CORRECT, THE CONTRACTOR SHALL INVESTMENT THE THE SHATISACTION PROBENT TO ETENMET THE STO HIS SHATISACTION PROBE TO BEDDING. NO ADDITIONAL COMPENSATION MILL BE MADE FOR ANY EXPORT OR IMPORT REQUIRED.

NO GRADING WORK SHALL BE PERFORMED BETWEEN THE PERIOD OF OCTOBER AND APPRIX 20 INMERSES SPECIFICALLY PERMITTED IN WRITING BY THE COUNTY BURNEER IN CONJUNCTION WITH AN APPRIXED EROSON CONTROL PLAN. 14. TEMPORARY EROSON AND SEDIMENTATION CONTROL FACILITIES SHALL BE COMPLETELY IN PLACE PRIOR TO OCTOBER T, AND SHALL BE OBJUGENTY MANITAMED TO BYSURE EFFCINENESS THROUGH ARRU, 30TH.

1. UTILIY SERVICE SHALL BE INSTALLED PER JOINT TRENCH PACKAGE AS ARPOYDE BY FOR A EANO THEN UTILITY AGENCIES. ALL WORK WITHIN PUBLIC RIGHT OF WAY SHALL BE PER CITY STANARDS. SIZE OF NEW SERW TO BE DETERMINED BY PG&E. SEE ELECTRICAL PLANS.

STENING SERVER WINN WINK LINES TO BE ABMOONED FOR COUNTY STANDARDS. NEW F. SERVICE AND CONTRACTOR SHALL BE INSTILLED FOR COUNTY STANDARDS. NEW F. SERVICE AND CONTRACTOR SHALL DELWANDED FOR COUNTY STANDARDS. PROOF OUT OF CONTRACTOR YERSY WIN ARCHITECTURE YERS ONLY STANDARDS FROM FOR COGNINITY STANDARD FROM TO COGNINITY STANDARD FROM THE COUNTY STANDARD

5. ALL STORM ORAIN PIPE SHALL BE PVC SOR 35, SLOPED AT 1% UNLESS NORWES SPECIFIED ON THE TANIS, PIPE SALL BE SAZED AS SPECIFIED ON THE PLANS, ALL DIRECTION CHANGES SHALL BE MADE WITH A WYE CONNECTION, ELBOWS AND TEE'S SHOULD BE ANOIGED. 4. CONTRACTOR SHALL COORDINATE A "TEMPORARY" SEWER SYSTEM, FOR THE EGSTING GOLF COURSE SNACK SHACK, TO BE FUNCTIONAL DURING CONSTICTION. ALL SEWER WORK TO BE IN CONFORMANCE WITH COUNTY STAND

7. NEW 6" FRE SERVICE STUB, FROM EXISTING RECLAM WATER LINE, SHALL BE INSTITUTED BY CALIFORNIA WATER DEPARTMENT. CORRACIOR 10. OCCORDINATE INSTITUTION OF 6" FRE SERVICE LINE, WITH 2 FIRE HYDRANTS, PER HE LANCK AND IN ACCORDANCE WITH CALFORNIA WATER DEPARTMENT'S POBJECTED BY AND ACCORDANCE WITH CALFORNIA WATER DEPARTMENT'S DEDIRECTION. 6. ALL DOWN SPOUTS SHALL BE CONNECTED TO THE STORM DRAW SYSTEM, AS SHOWN ON PLAN. ALL PRE SHALL BE 4" PAC SDR 35 PIPE ON BOUNDARY, SEE ARCHITECTURAL PLANS FOR EXACT LOCATION OF THE DOWN SPOUTS.

8. EXISTING WATER SERVICE, FROM GOLF COURSE TO BE UPGRADED AND PLATNED BY OWNER, TO YARD, TO THE CONNECTION POINT DESIGNATED ON PLATN. 9. FIRE SPRINKLER SERVICE TO BE INSTALLED PER PLUMBING PLAN, WITHIN BUILDING PERMIT DOCUMENTS.

EARTHWORK TABLE	ΣD	FIL
BUILDINGS	1,800 CY	0 CY
DRIVEWAY	1,080 CY	420 CY
REAR/FRONT/SIDE YARD	120 CY	2,580 CY
TOTAL	3,000 CY	3,000 CY
EXCESS MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A LEGAL MANNER. EARTHWORK OLAMITHES HAVE BFEN PROVIDED	E DISPOSED EARTHWORK	
FOR PLANNING PURPOSES ONLY.	JNLY.	
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CONTRACTOR SHALL ADJUST ALL EXISTING MANHOLES, FIELD INLETS, AND DTHER CASTINGS TO FINISH GRADES, IN BOTH PAYEMENT AND LANDSCAPED AREAS. PRIOR TO FINAL PREPARATION OF THE SUBGRADE AND PLACEMENT ANNEX SATISFACT STREET, ALL INDEPERSOON OF THITTY MANS SHALL BE INSTALLED AND SERVICE CONNECTIONS STREED OUT. STALL BE INSTALLED IN A MANNEX MICH WITHOUT STALL BE INSTALLED IN A MANNEX MICH WITHOUT STALL BE INSTALLED IN A MANNEX MICH STREET PAYABERT WHEN WITH NOT DISTURBED THE STREET PAYABERT WHEN STREET PAYABERT PAYABERT WHEN STREET PAYABERT WHEN STREET PAYABERT PAYABERT WHEN STREET PAYABERT WHEN STREET PAYABERT WHEN STREET PAYABERT PAYABAT P

ALL DECKS, WALKS, PORCHES, AND LANDSCAPING SHALL SLOPE A MINIMUM OF 2% AWAY FROM BUILDING.

CONTRACTOR TO VERIFY ALL CONTROLLING DIMENSIONS AND SETBACKS WITH ARCHITECTUAL PLANS.

GENERAL NOTES

TOPOGRAPHIC INFORMATION PROVIDED BY KCA ENGINEERS, INC., JANUARY 2017.

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VI. RECORD DRAWINGS

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CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT REGARDING SPECIAL REQUIREMENTS FOR SLABS AND SIDEWALKS IN EXPANSIVE SOIL AREAS.

35. PRIOR TO COMPLETION OF THE WORK, THE BUTBE WORK
STE SAULE BE CLEAKE BY THE CONTRACTION BUT BET WITH A SMOOTH
AND MEATY GANED SHRACE REE OF CONSTRUCTION WASTE, RUBBES,
AND DEBRIS OF ANY MATURE, AT DIM SHE SALE ANY CONSTRUCTION
WASTE OF DEBRIS OF ANY MATURE, AT DIE SHAMED ON THE PROJECT SIE.

THE CONTRACTOR SHALL CONTRAN HIS OPERATION WITHIN THE STIE DEMONARY AND STALL USE CIPIEDE. CAN'E TO PRESENTE AND PROTECT BUSING FACULIES. CONTRACTOR SHALL REPLACE ALL DAMAGES STANDARD STANDARD OF THE STANDARD OF THE CONT

THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL COORDINATE WITH I OWNER FOR HER EXPONDING OF MATERIAL MEDICAL DE COMMETTE THE PROJECT IMPROPABILIST IN CONTRACTOR SHALL BE RESPONSIBLE FOR LAND LO PROJECT OF HER PROJECT STEE THANKING SECOSES SALL, ETC.

NO GRADING SHALL BE PERMITTED ON THIS SITE UNTIL AN EROSION CONTROL PLAN HAS BEEN PREPARED BY THE OWNER AND APPROVED BY THE COUNTY.

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ALL DRAINAGE AND GRADING IMPROVEMENTS SHALL CONFORM TO THE CONDITIONS OF THE GRADING PERMITS AND ANY OTHER GOVERNMENTAL PERMITS SECURED BY THE OWNER FROM THE CITY, COUNTY AND/OR STATE

CONTRACTOR SHALL POST ON SITE EMERGENCY TELEPHONE NUMBERS FOR THE CITY, CAL WATER, AMBULANCE, POLICE, PORCE., AND FIRE DEPARTMENTS.

EXSTING PEDESTRIAN WALKWAYS, BIKEPATHS AND HANDICAP ACCESS PATHWAYS SHALL BE MANTANED DURING CONSTRUCTION TO THE SATISFACTION OF THE COUNTY ENGINEER.

18. TRENCHES SHALL NOT BE LEFT OPEN OVERWIGHT IN EXISTING PUBLIC STREET AREAS, CONTINACTOR SHALL BACKFILL TRENCHES, OR PLACE STEEL PLATING AND/OR HOT-MIX ASPHALT REQUIRED TO PROTECT OPEN TRENCHES AT THE END OF THE WORKING DAY.

WORK SHALL NOT BEGIN LINTIL ADEQUATE TEMPORARY BARRICADES, BARRERS, FROTECTIVE WINDSDEELS, WARRING SIGNS, LIOHTS, OR OTHER SLOT TRAFFIC WARRING AND CONTROL DEVICES ARE IN PLACE.

14. ALL REASONS TO THESE PLANS MUST BE REVIEWED AND APPROVED IN WINNER BY THE OWNER, OWNER, AND EMBERT AND THE GOUNTYS ENABLES PRIOR TO CONSTRUCTION OF AFECTED TRUE. REVISIONS STATES SOME WIN RESED PLANS WITH A BEAUSTAILT SOME WIN RESED PLANS WITH A DELIA, DATE AND APPROVIL TRUE COUNTYS ENGINEER.

CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY OF THE PROJECT "STOCKPILE AND STORAGE AREA"

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III.EXISTING CONDITIONS

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19. ALL EXISTING STREETS, ROADWAYS, AND TRAILS SHALL BE KEPT FREE OF BUILDING MATERIALS AND DEBRIS LINLESS AJTHORIZED OTHERWISE IN WRITING BY THE OWNER OF THE FACILITY (I.E. GITY, COUNTY, OWNER NEGREDOR).

Contractor shall insure positive drainage to erosion protected drainage faculties at all times during the grading activities until the acceptance/final of the project.

21. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND LICENSES TO DO WORK WITHIN THE COUNTY OF SAN MATEO. IF REQUIRED, PRIOR TO THE START OF CONSTRUCTION.

HAND TUNNELING/DIGGNG MAY BE REQUIRED FOR EXCAVATION WORK IN WHICH EXISTING UTILITIES ARE WITHIN 24" OR LESS VERTICALLY OR HORIZONTALLY OF THE TRENCH LINE.

CONTRACTOR SHALL COMPLY WITH ALL STATE, COUNTY AND CITY LAWS AND CROINANCES, AND REQULATIONS OF THE STATE DEPARTMENT OF NUDSTRIAL RELATION, O.S.H.A. AND THE STATE INDUSTRIAL ACCIDENT COMMISSION.

ELEVATIONS, LOCATIONS, AND SZES OF ALL EXISTING UTILITIES WHICH ROOSS HE LIN OF CONSTRUCTION SHALL BE VERFIED BY THE CONTRACTOR PROOR TO THE START OF ANY CONSTRUCTION AFFECTING SAID LINES.

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ALL GRADING WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS AND RECOMMENDATIONS CONTAINED IN THE PROJECT SOILS REPORTS PREPARED BY.

AND ALL REVISIONS. THE SOLLS ENGINEER SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF SRADING OPERATIONS.

A REPRESENTATIVE OF THE SOLS BROMERS SHALL BE ON SITE.
DURNE ORGANIC OPPERATIONS AND SHALL PREPROM SHOTH TESTING
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AN ENCROACHMENT PERMIT FROM THE CITY OF DAILY CITY IS REQUIRED FOR ANY WORK PERFORMED WITHIN THE CITY RIGHT-OF-WAY.

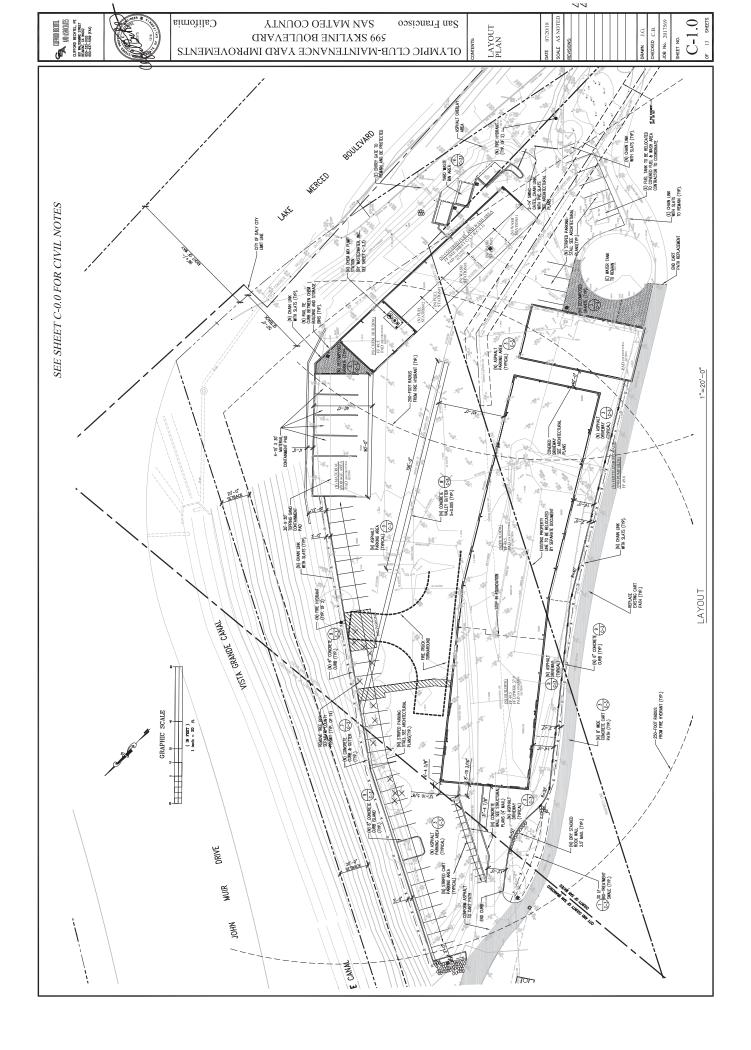
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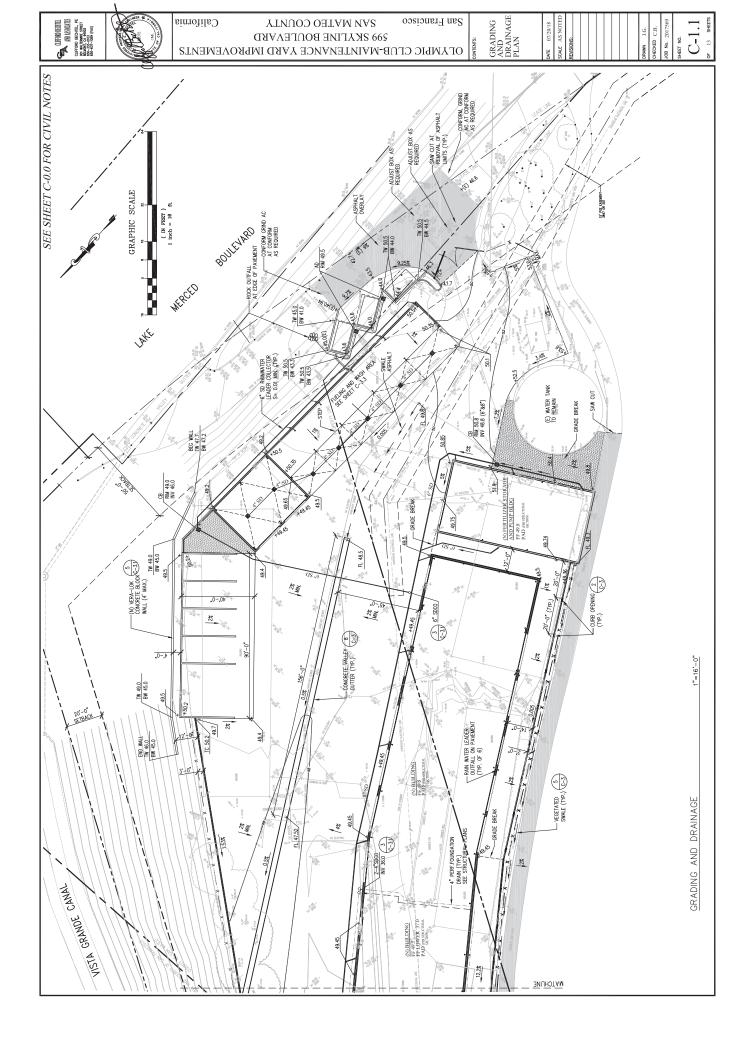
24, ALL MATERIALS SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR UNLESS OTHERMISE NOTED.

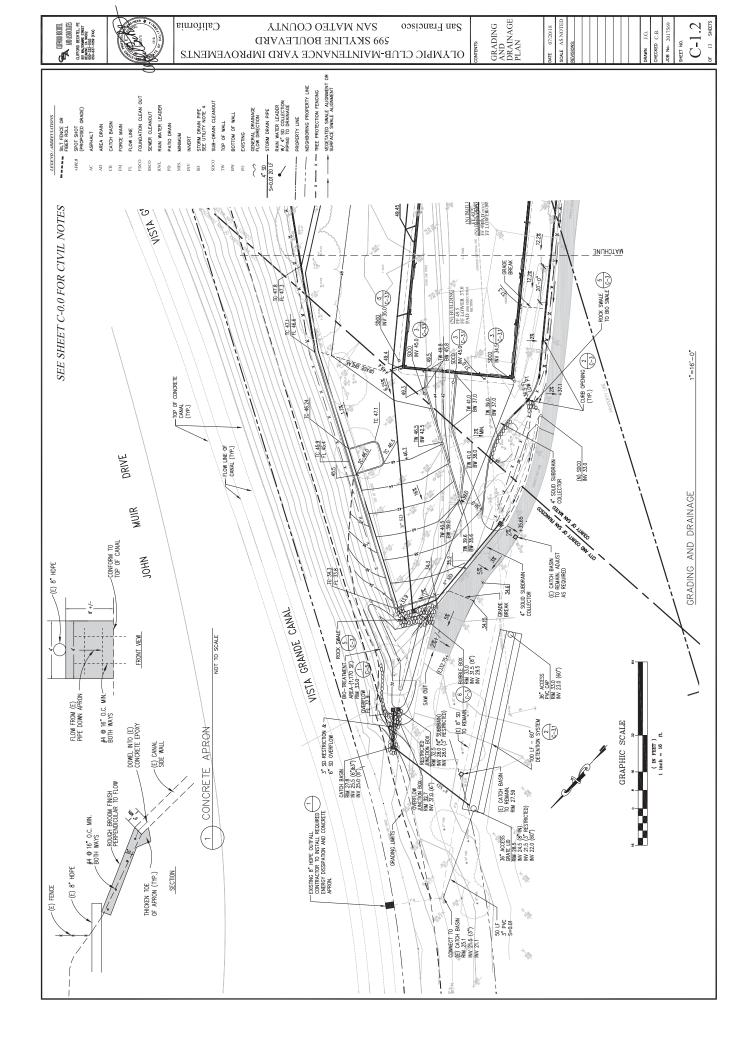
23. CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (U.S.A.)
(PHORE BOD-642-2444) AT LEAST TWO (2) WORKING DAYS PRIOR TO
THE COMMENCEMENT OF ANY CONSTRUCTION WORK TO VENEY
LOCATIONS OF EXISTING UTILITIES.

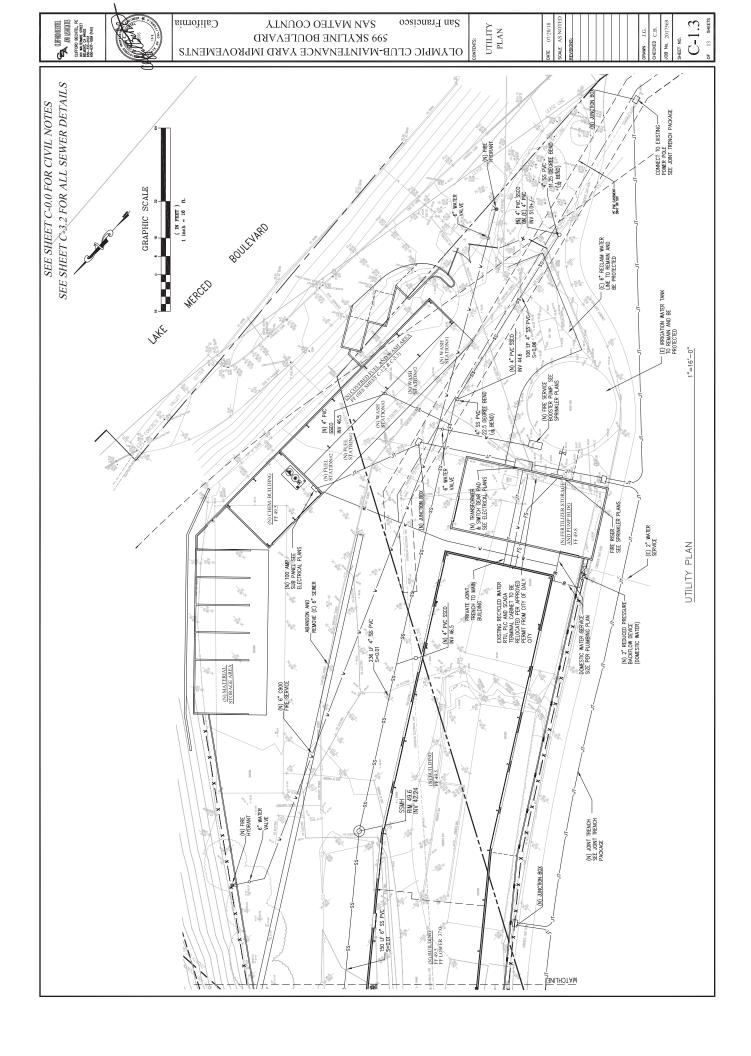
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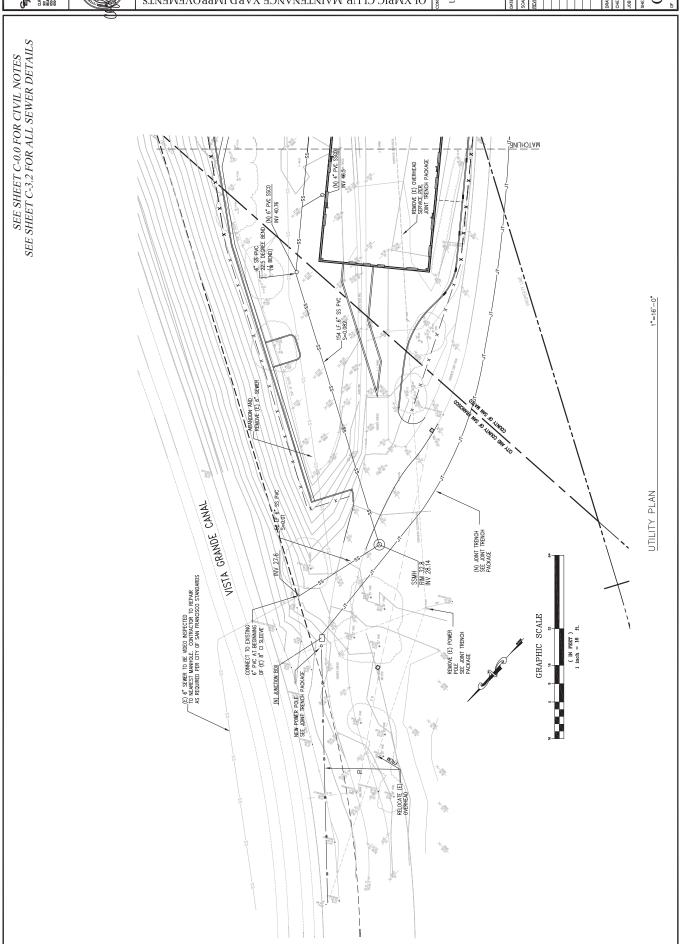
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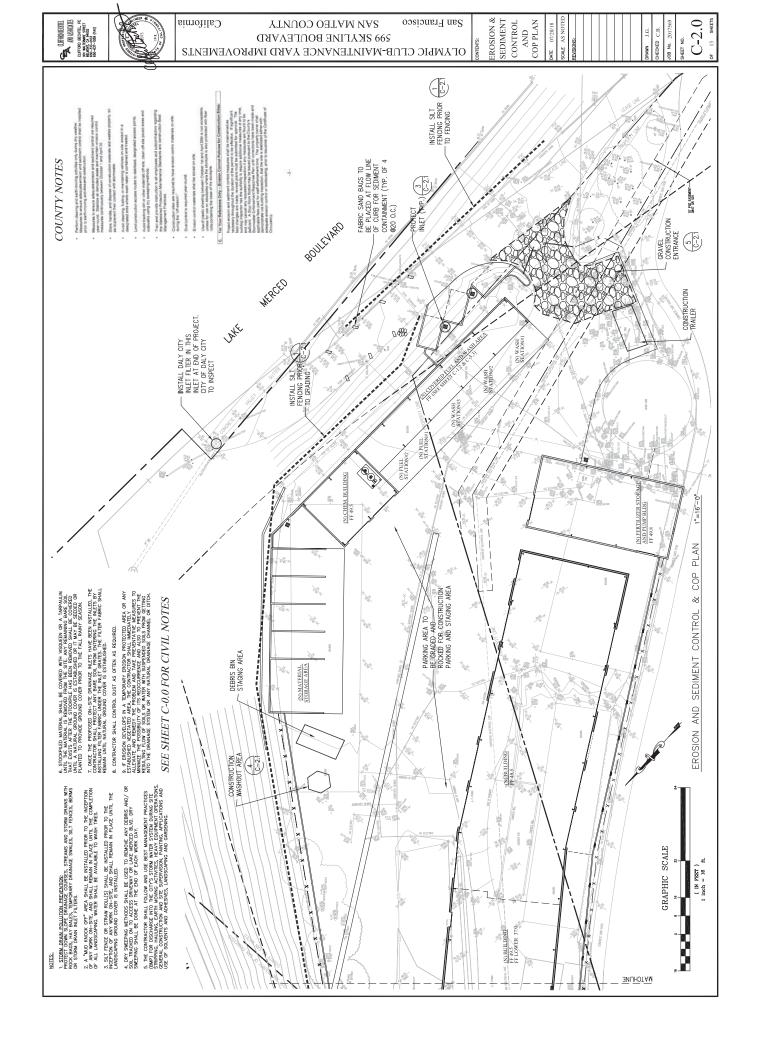
California San Francisco SAN MATEO COUNTY **200 SKAFINE BONFEAVED** OLYMPIC CLUB-MAINTENANCE YARD IMPROVEMENTS

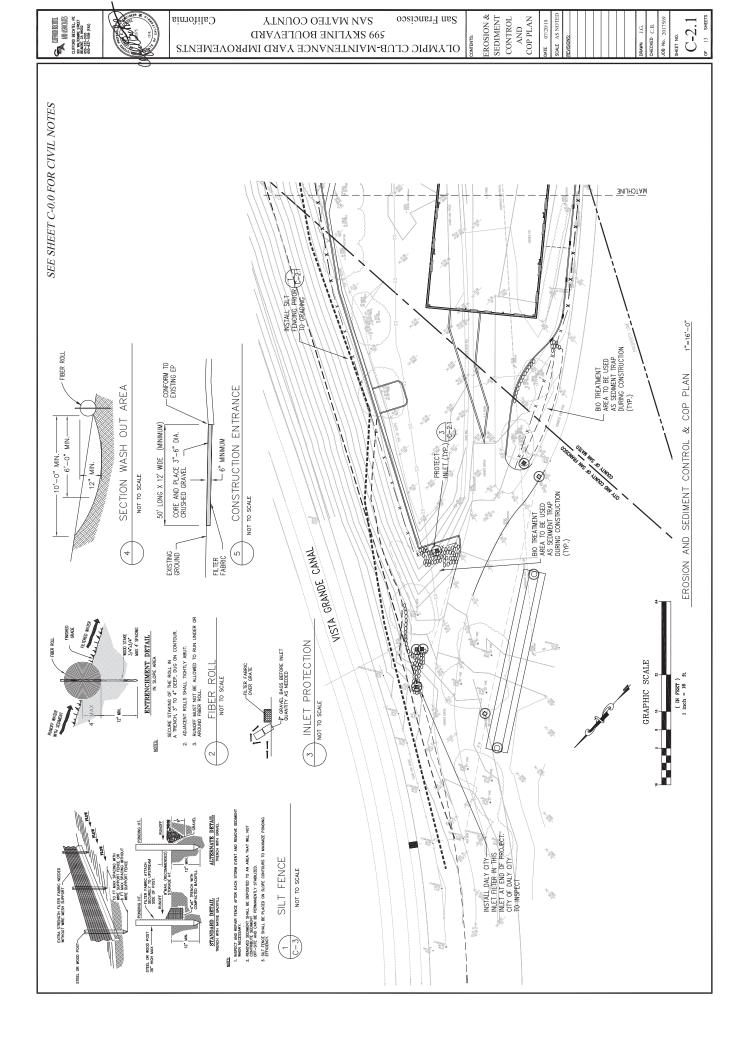
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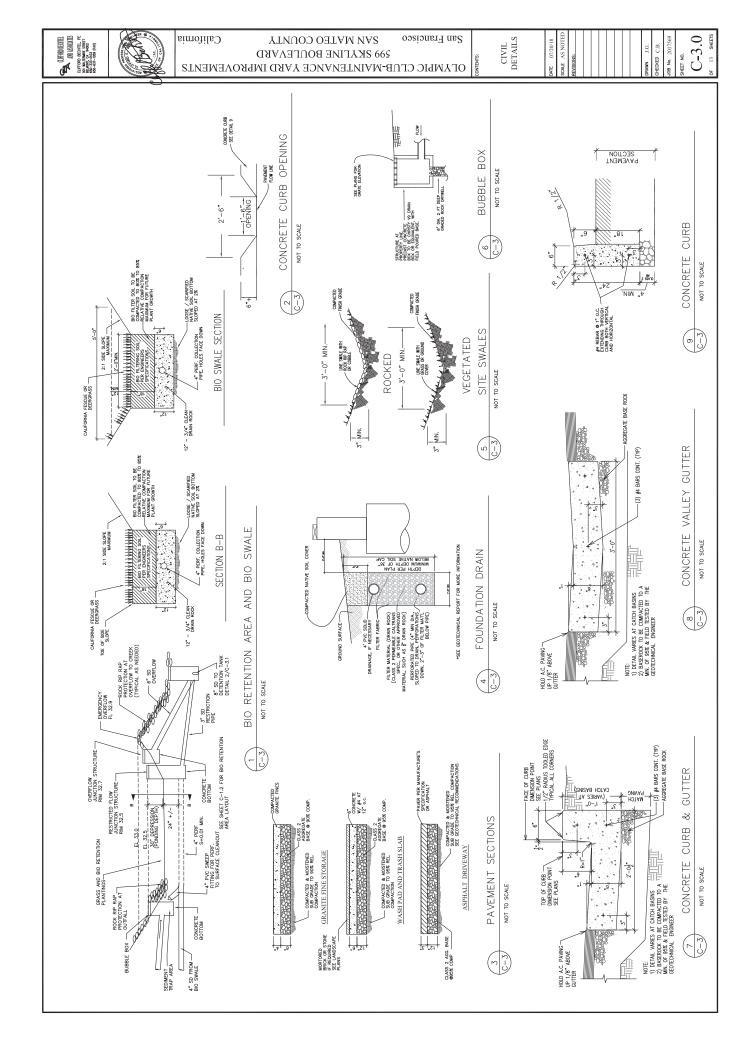
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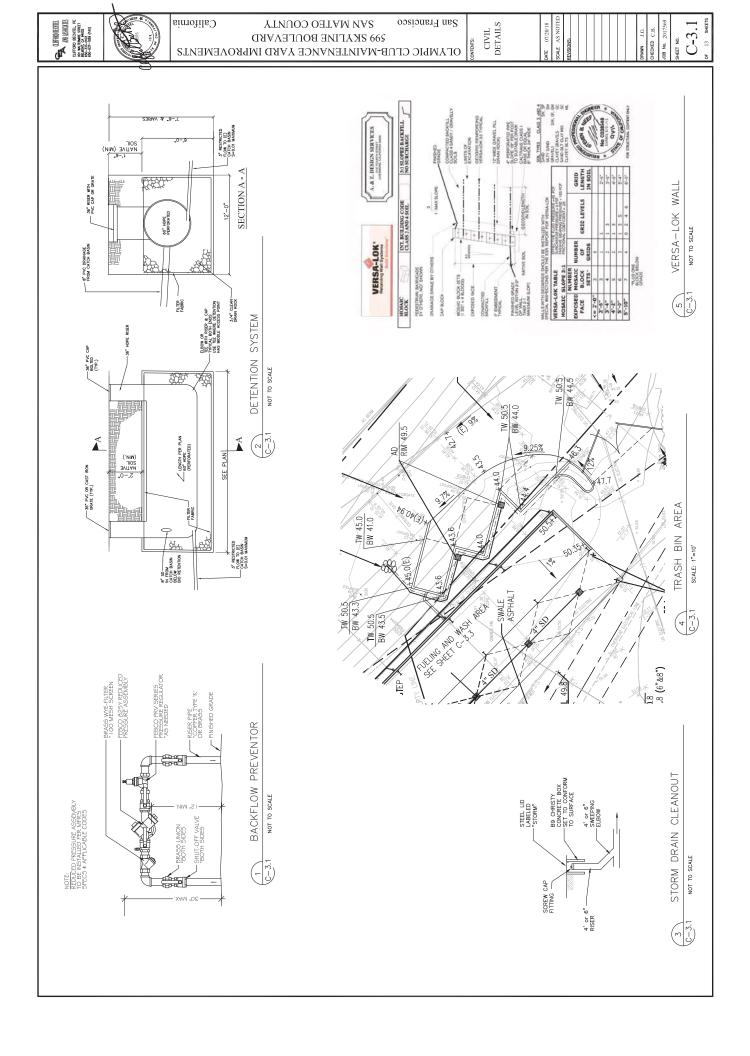
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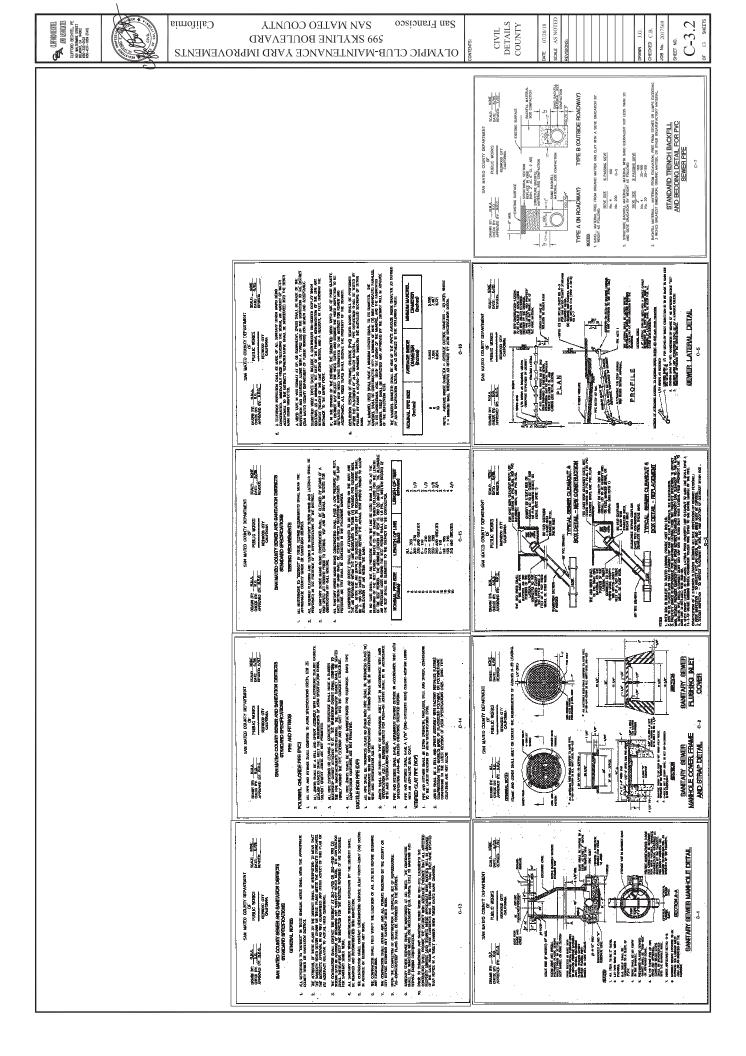
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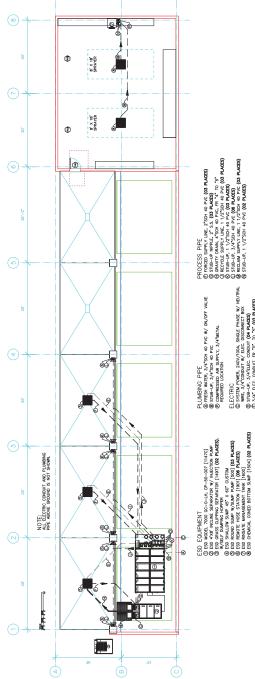








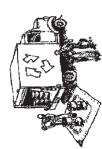




Prevention Program Water Pollution SAN MATED COUNTYWIDE

Clean Water. Healthy Community.

Materials & Waste Management



Non-Hazardous Materials

- ☐ Bern and cover stockpiles of sand, dirt or other construction material with tarps when rain is forecast or if not actively being used within
- □ Use (but don't overuse) reclaimed water for dust control.

Hazardous Materials

- pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, county, state and federal regulations. □ Label all hazardous materials and hazardous wastes (such as
- □ Store hazardous materials and wastes in water tight containers, store in appropriate secondary containment, and cover them at the end of every work day or during wet weather or when rain is forecast.
- materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours. □ Follow manufacturer's application instructions for hazardous

□ Arrange for appropriate disposal of all hazardous wastes.

- ☐ Cover waste disposal containers securely with tarps at the end of every work day and during wet weather. Waste Management
- Check waste disposal containers frequently for leaks and to make sure they are not overfilled. Never hose down a dumpster on the
 - Clean or replace portable toilets, and inspect them frequently for construction site. leaks and spills.
- wastes that can be recycled (such as asphalt, concrete, aggregate base materials, wood, gyp board, pipe, etc.) Dispose of all wastes and debris properly. Recycle materials and
- Dispose of liquid residues from paints, thinners, solvents, glues, and cleaning fluids as hazardous waste.

onstruction Entrances and Perimeter

- Establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from site and tracking off site.
- Sweep or vacuum any street tracking immediately and secure sediment source to prevent further tracking. Never hose down streets to clean up tracking.

Equipment Management & Spill Control



□ Schedule grading and excavation work

Designate an area, fitted with appropriate BMPs, for vehicle and equipment parking and storage.

Maintenance and Parking

☐ Perform major maintenance, repair jobs, and vehicle

☐ Cover storm drain inlets and manholes when applying seal coat, tack coat, slurry seal, fog seal, etc.

from contacting stormwater runoff.

dispose of excess abrasive gravel or sand Do NOT sweep or wash it into gutters.

□ Collect and recycle or appropriately

□ Do not use water to wash down fresh

asphalt concrete pavement.

☐ Stabilize all denuded areas, install and maintain temporary erosion controls (such as erosion control fabric or bonded fiber matrix) until vegetation is established. vegetation for erosion control on slopes ☐ Remove existing vegetation only when absolutely necessary, and seed or plant

onsite, work in a berned area away from storm drains and over a drip pan or drop cloths big enough to collect fluids. Recycle or dispose of fluids as hazardous waste.

☐ If refueling or vehicle maintenance must be done

If vehicle or equipment cleaning must be done onsite,

clean with water only in a bermed area that will not

allow rinse water to run into gutters, streets, storm

drains, or surface waters.

☐ Prevent sediment from migrating offsite and protect storm drain inlets, gutters, ditches, and drainage courses by installin

☐ Do not clean vehicle or equipment onsite using soaps, solvents, degreasers, or steam cleaning equipment.

or where construction is not immediately

☐ Protect nearby storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or gravel bags to keep slurry

Sawcutting & Asphalt/Concrete Removal

and maintaining appropriate BMPs, such as fiber rolls, silt fences, sediment basins, Keep excavated soil on site and transfer to dump trucks on site, not in the streets gravel bags, berms, etc.

☐ Keep spill cleanup materials (e.g., rags, absorbents and cat litter) available at the construction sie at all times.

Spill Prevention and Control

☐ Inspect vehicles and equipment frequently for and repair leaks promptly. Use drip pans to catch leaks

until repairs are made.

If sawcut slurry enters a catch basin, clean

slurry and dispose of all waste as soon as you are finished in one location or at the end of each work day (whichever is

☐ Shovel, abosorb, or vacuum saw-cut

out of the sform drain system.

☐ If any of the following conditions are observed, test for contamination and contact the Regional Water Quality Control Board:

□ Do not hose down surfaces where fluids have spilled

Use dry cleanup methods (absorbent materials, cat

litter, and/or rags).

Sweep up spilled dry materials immediately. Do not try to wash them away with water, or bury them.

☐ Clean up spills on dirt areas by digging up and

□ Clean up spills or leaks immediately and dispose of cleanup materials properly.

- Unusual soil conditions, discoloration
 - Abandoned underground tanks.
 - Abandoned wells

Buried barrels, debris, or trash.

 Report significant spills immediately. You are required or your local emergency response number, 2) Call the Governor's Office of Emergency Services Warning Center, (800) 852-7550 (24 hours). by law to report all significant releases of hazardous materials, including oil. To report a spill: 1) Dial 911

Paving/Asphalt Work

Earthmoving

Concrete, Grout & Mortar

Application



- from storm drains or waterways, and on pallets under cover to protect them from rain, runoff, and wind. □ Store concrete, grout, and mortar away

☐ Avoid paving and seal coating in wet weather or when rain is forecast, to prevent materials that have not cured

- underlying soil or onto surrounding areas. Let concrete harden and dispose of as area, where the water will flow into a temporary waste pit, and in a manner that will prevent leaching into the □ Wash out concrete equipment/trucks offsite or in a designated washout
- ☐ When washing exposed aggregate, prevent washwater from anthems storm drinis. Block any index and vacuum guittex, hose washwater onto diri areas, or drain onto a bermed surface to be pumped and disposed of properly.

Landscaping



- from wind and rain by storing them under tarps all year-round. Protoct stockpiled landscaping materials
- Stack bagged material on pallets and
- ☐ Discontinue application of any crodible landscape material within 2 days before a forecast rain event or during wet weather.

Painting & Paint Removal

Construction projects are required to implement the stormwater best management practices (BMP) on this page, as Construction Best Management Practices (BMPs)

they apply to your project, all year long.

CLIFTORD BECATEL



- containers into a street, gutter, storm □ Never clean brushes or rinse paint Painting Cleanup and Removal
- ☐ For water-based paints, paint out brushes to the extent possible, and rinse into a drain that goes to the sanitary sewer. Never pour paint down a storm drain.
- the extent possible and clean with thinne or solvent in a proper container. Filter an For oil-based paints, paint out brushes to reuse thinners and solvents. Dispose of excess figuids as hazardous waste.
 - ☐ Paint chips and dust from non-hazardous dry stripping and sand blasting may be swept up or collected in plastic drop cloths and disposed of as trash.
- □ Chemical paint stripping residue and chips and dust from marine paints or paints containing lead, mercury, or tributyltin must be disposed of as hazardous waste oval requires a sta Lead based paint re-certified contractor.



- - from all disturbed areas.

SCALE AS NOTE

MTE 07/20/18

before discharging water to a street gutter or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.



California

SAN MATEO COUNTY

266 SKATINE BONTENYKD

OLYMPIC CLUB-MAINTENANCE YARD IMPROVEMENTS



San Francisco

runoff from deveatering operations must be properly managed and disposed. When possible send develating discharge to landscaped act are of smithay sewer. If discharging to the sanitary sewer call your local wastewater treatment plant.

ONSTRUCTION HECKLIST

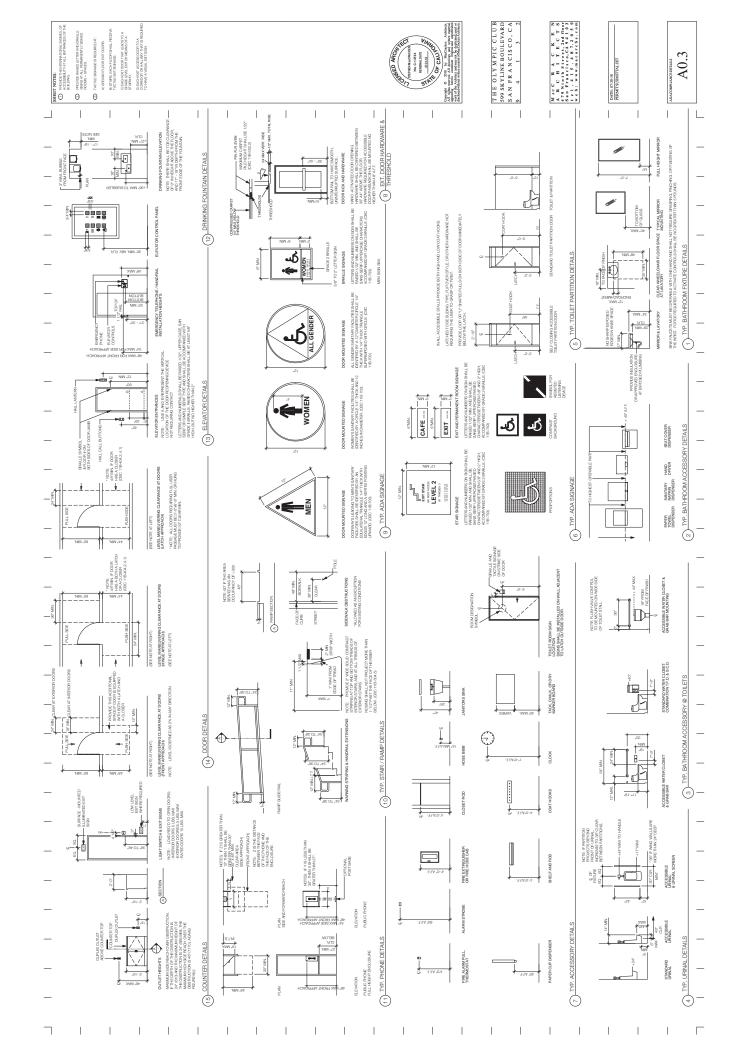
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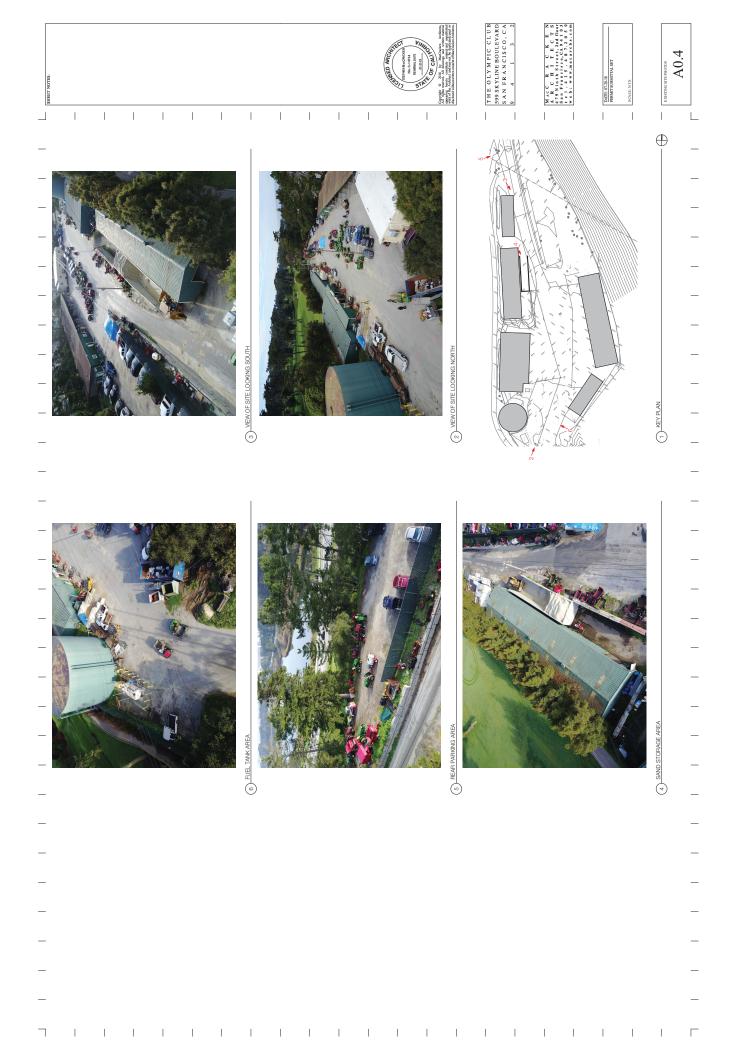
- Divert run-on water from offisite away
- ☐ When dewatering, notify and obtain approval from the local municipality
- determine whether the ground water must be tested. Pumped groundwater may need to be collected and hauled off-site for treatment and proper disposal. □ In areas of known or suspected

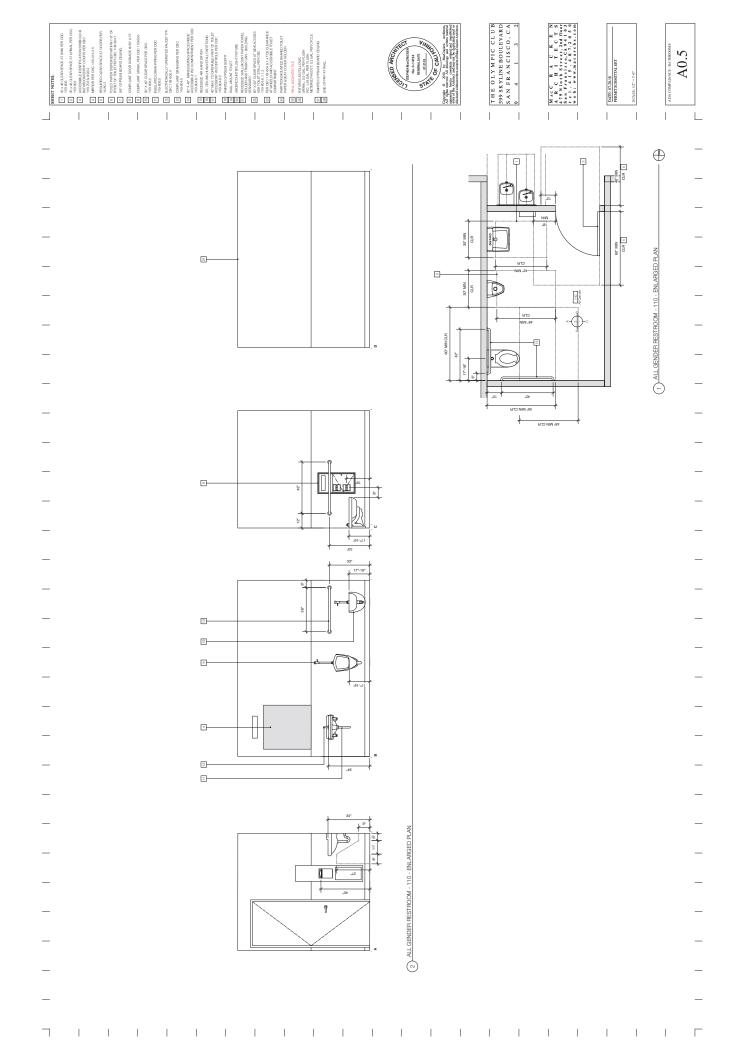
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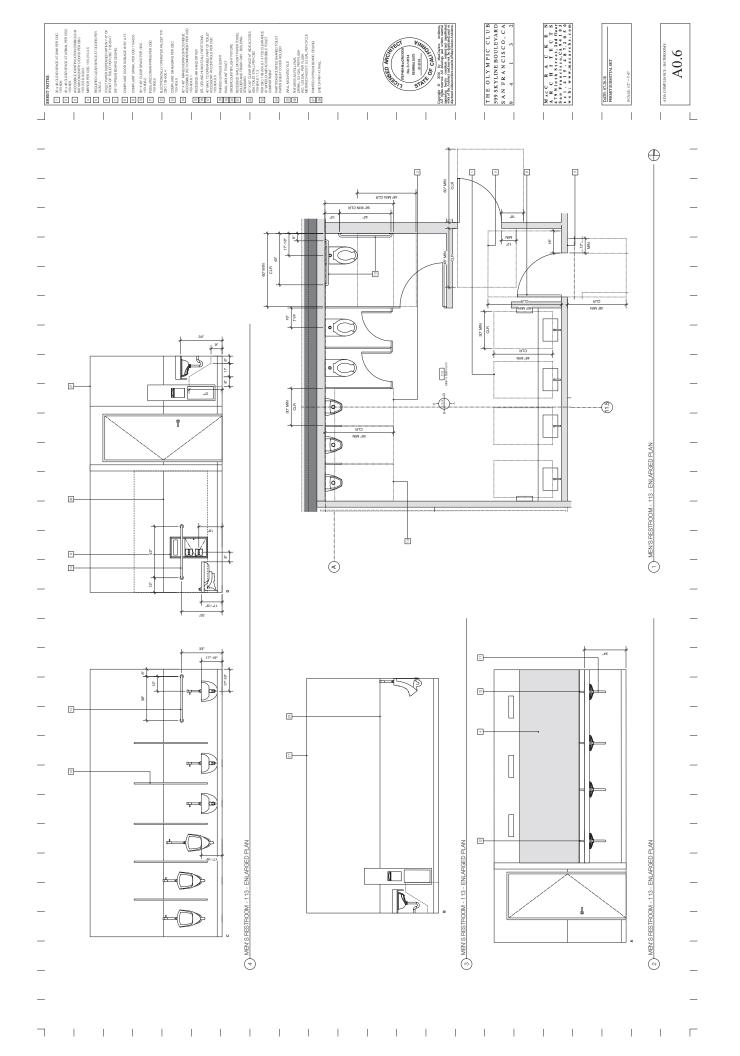
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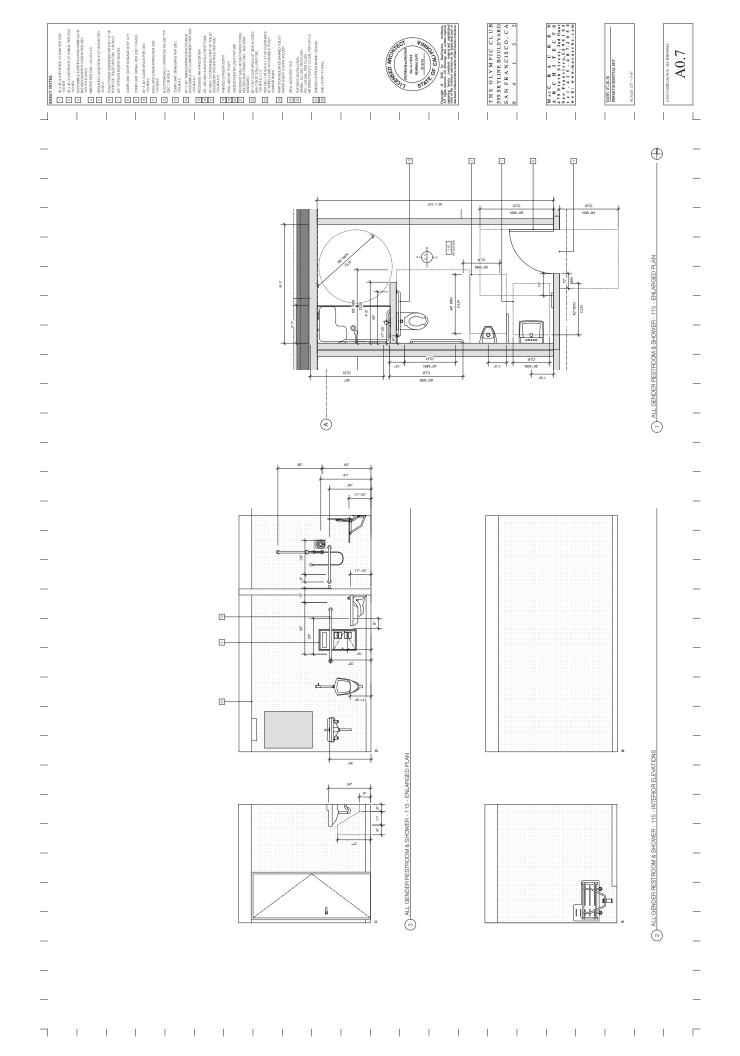
Storm drain polluters may be liable for fines of up to \$10,000 per day!

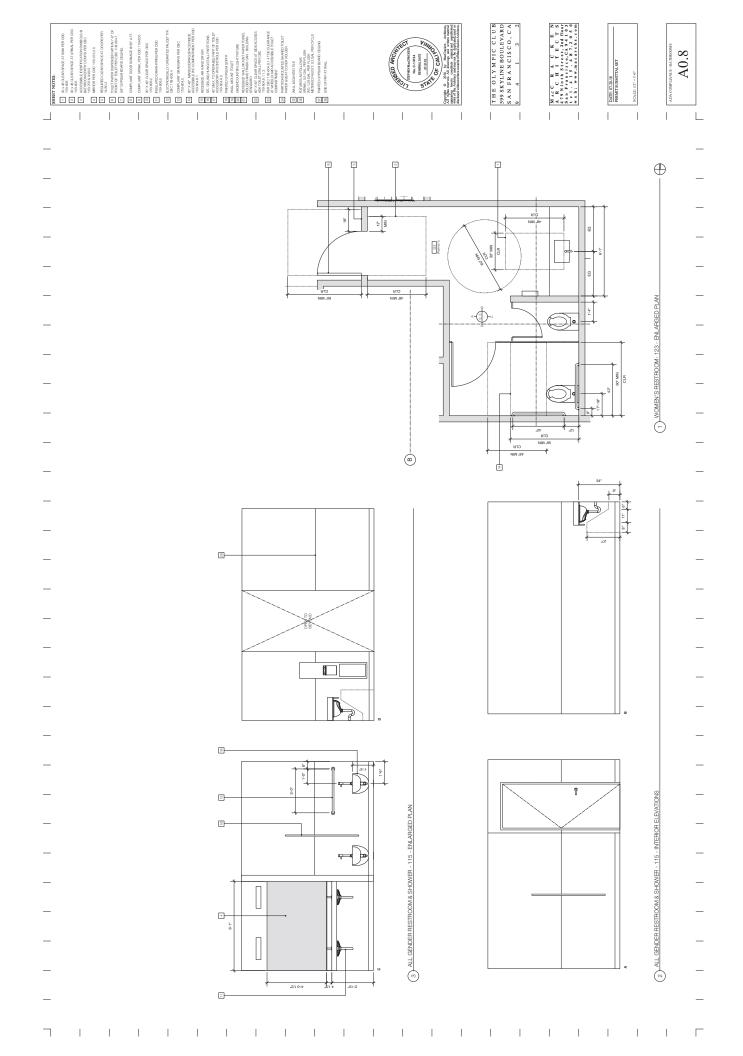


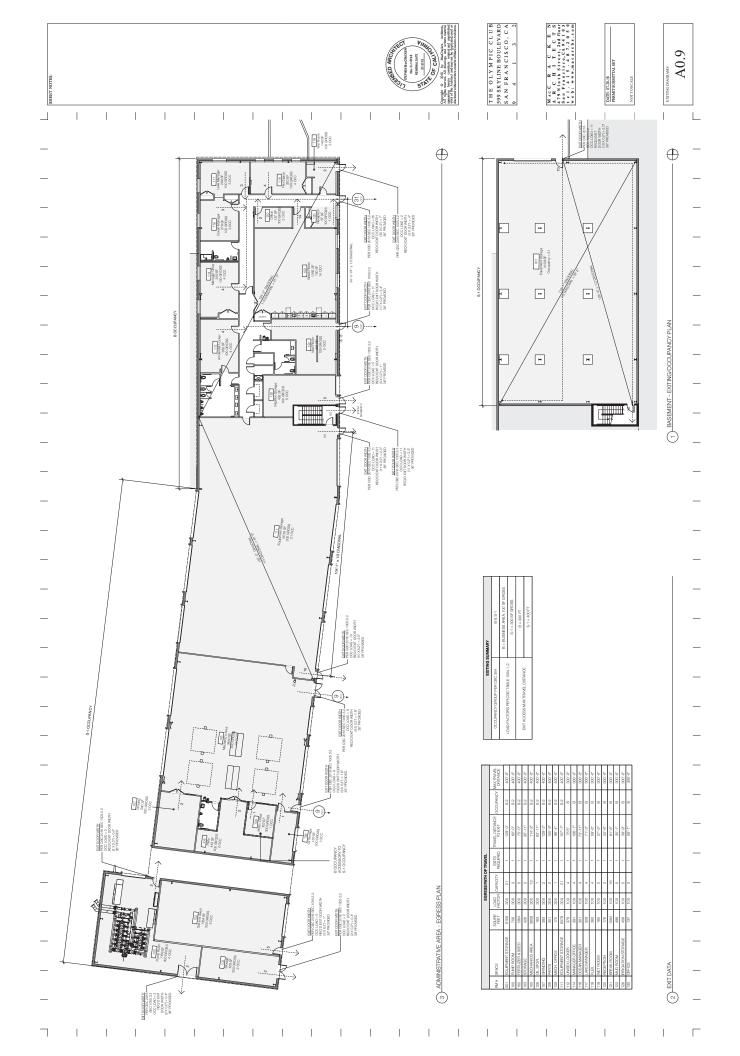


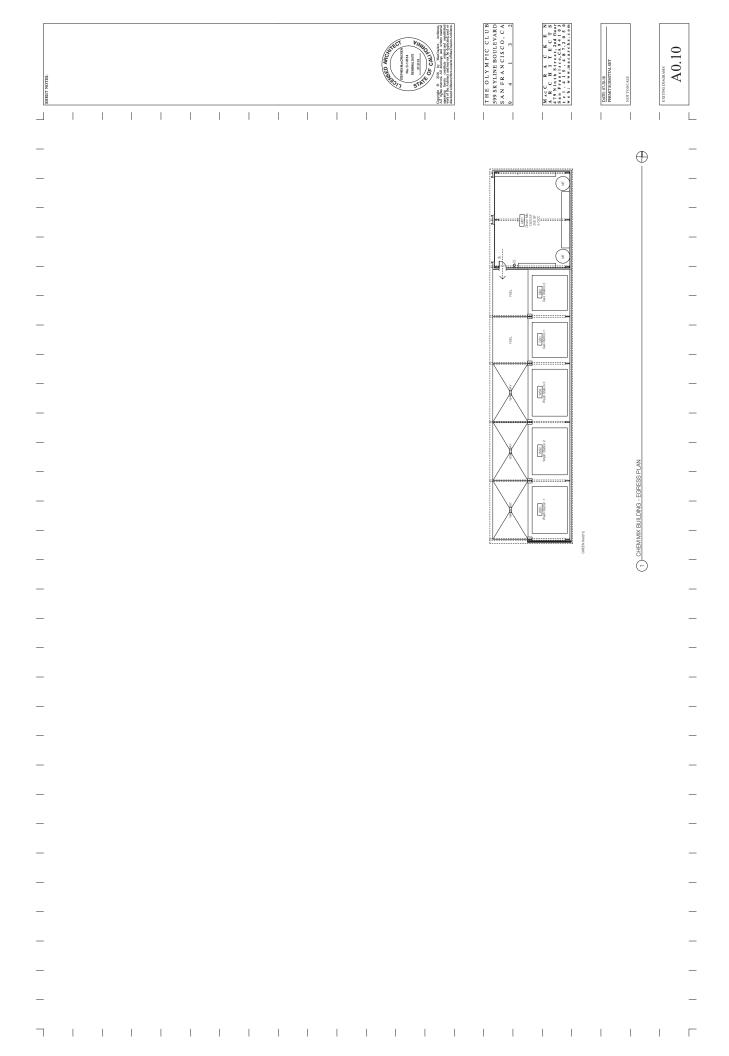


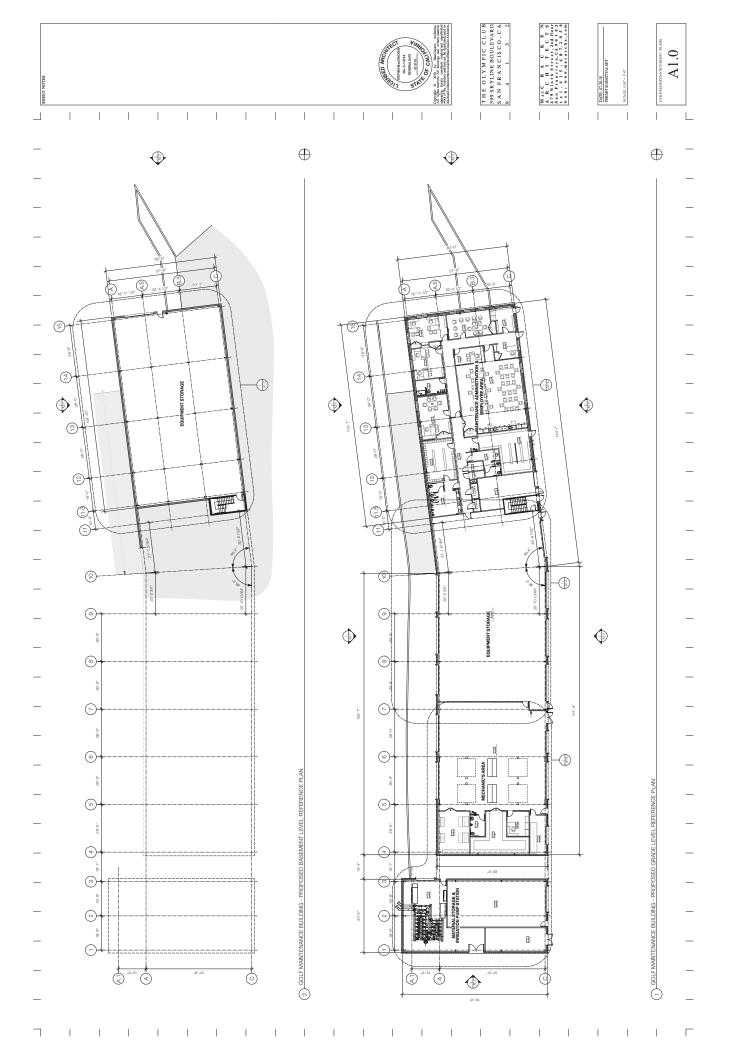


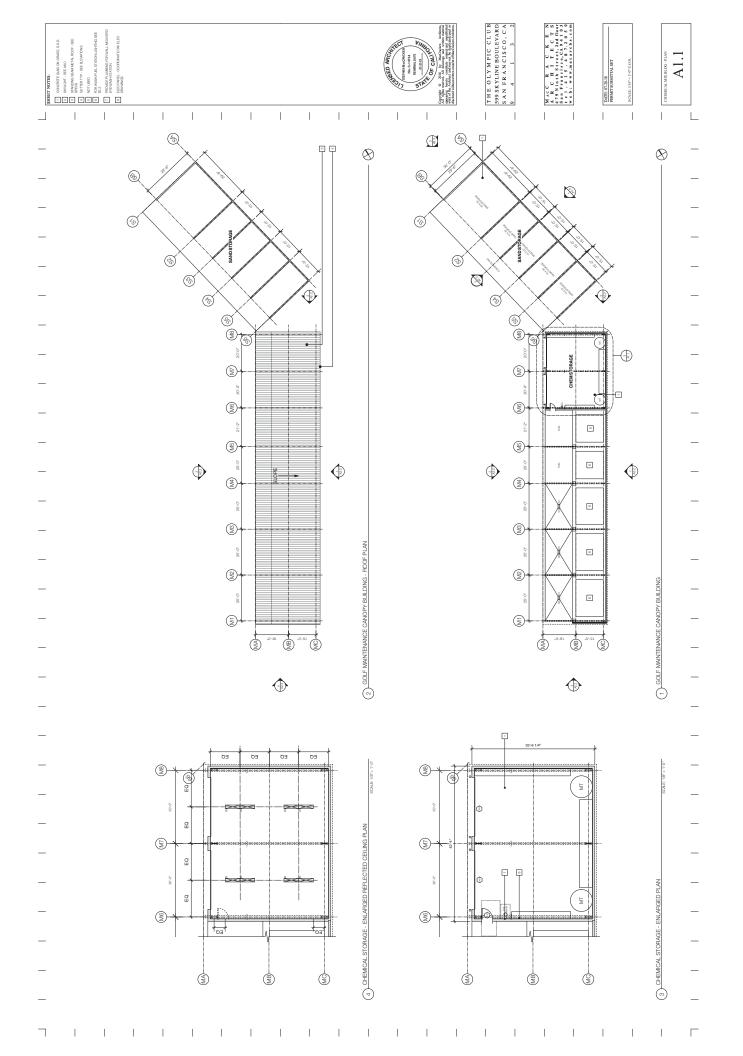


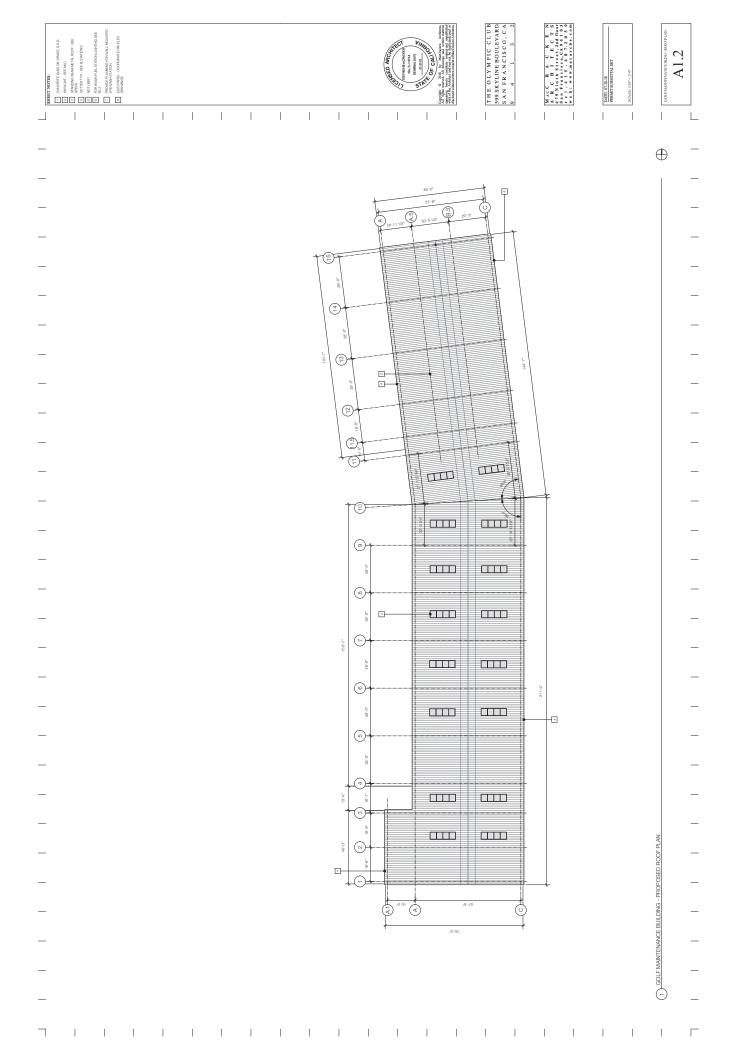


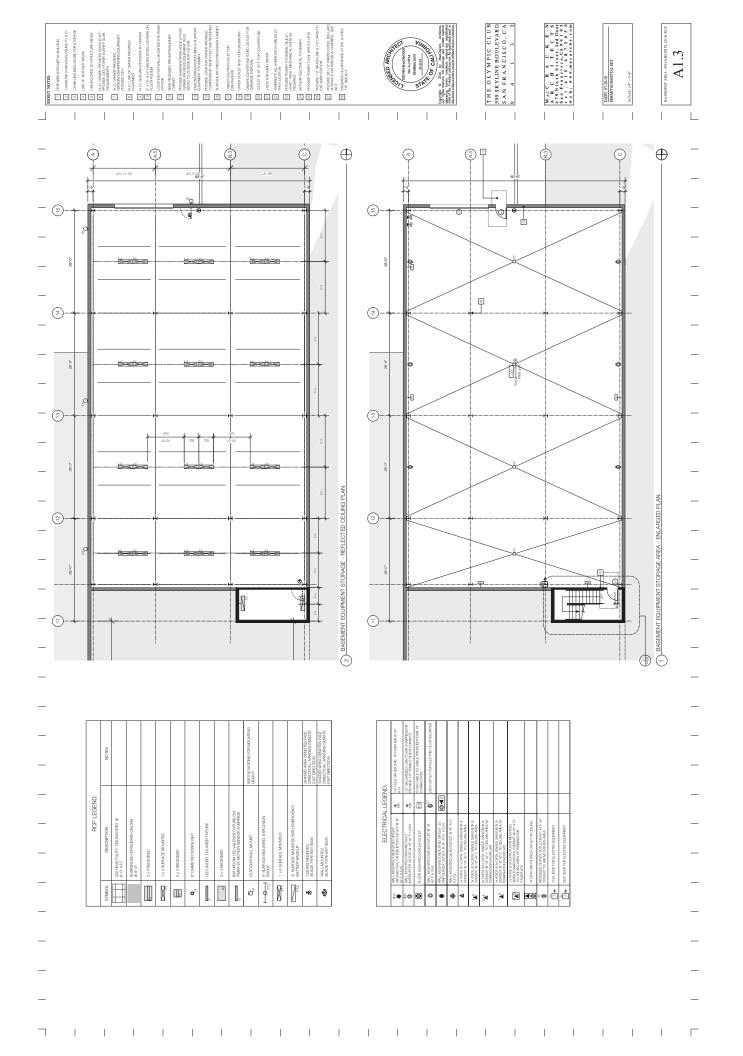


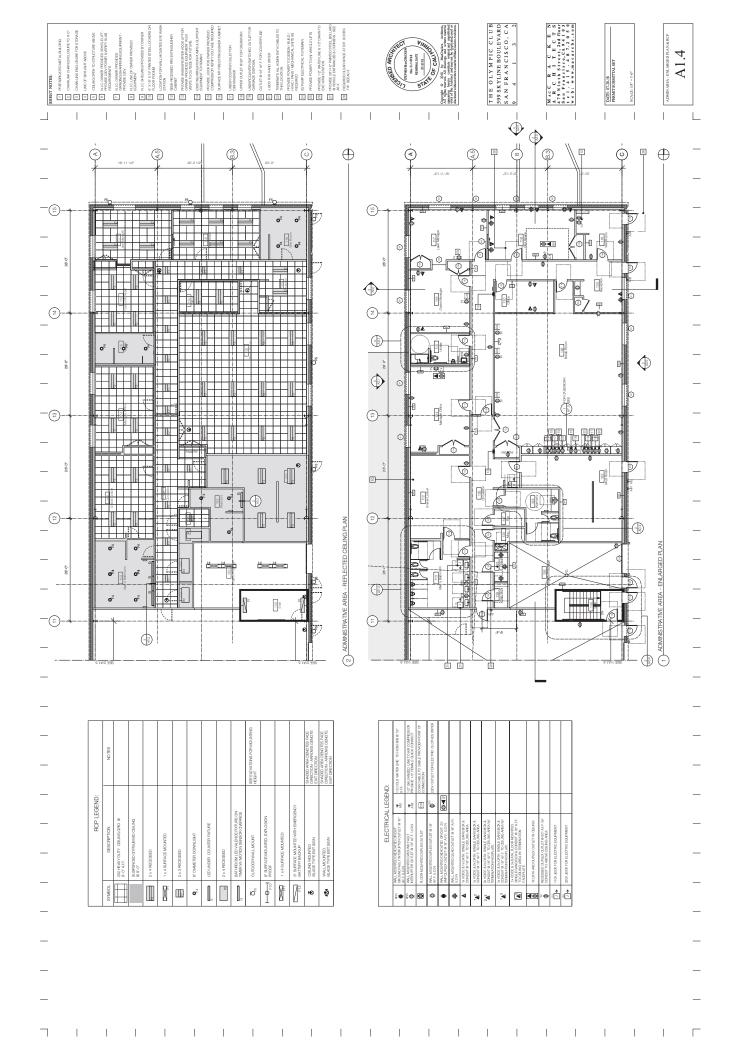


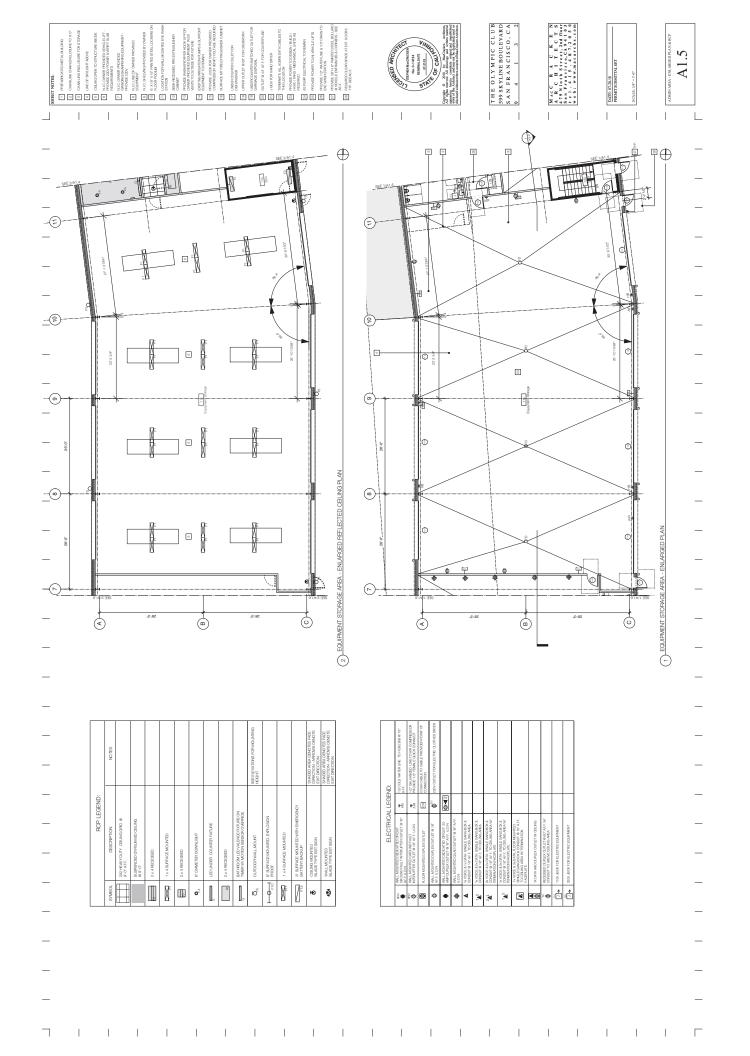


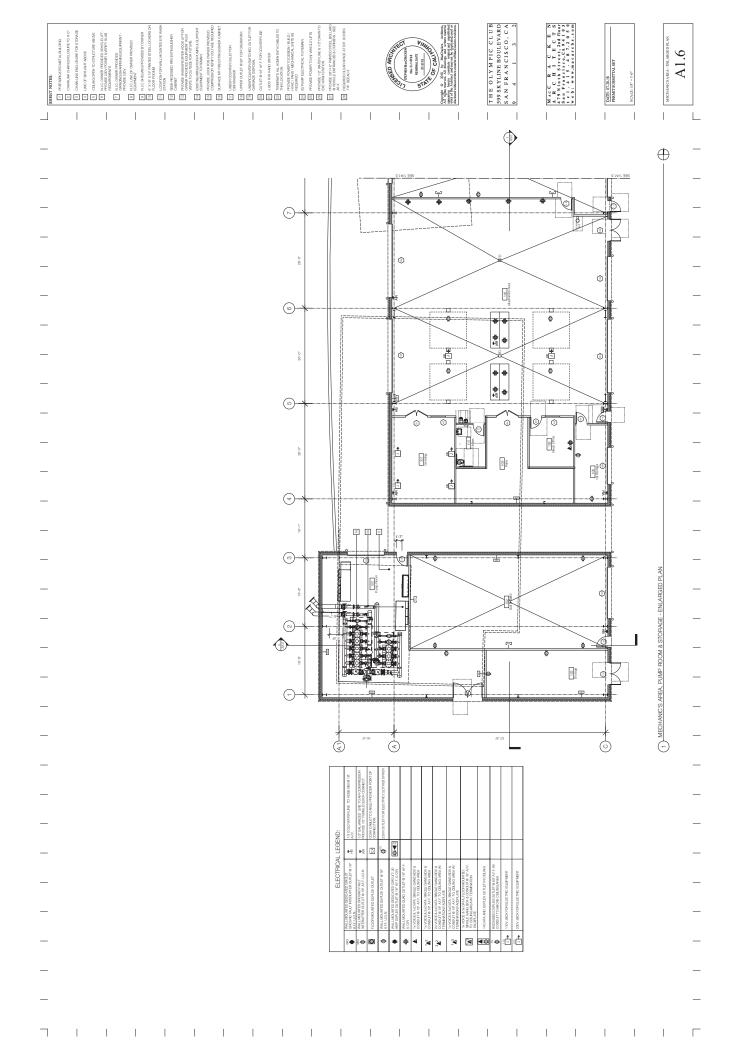


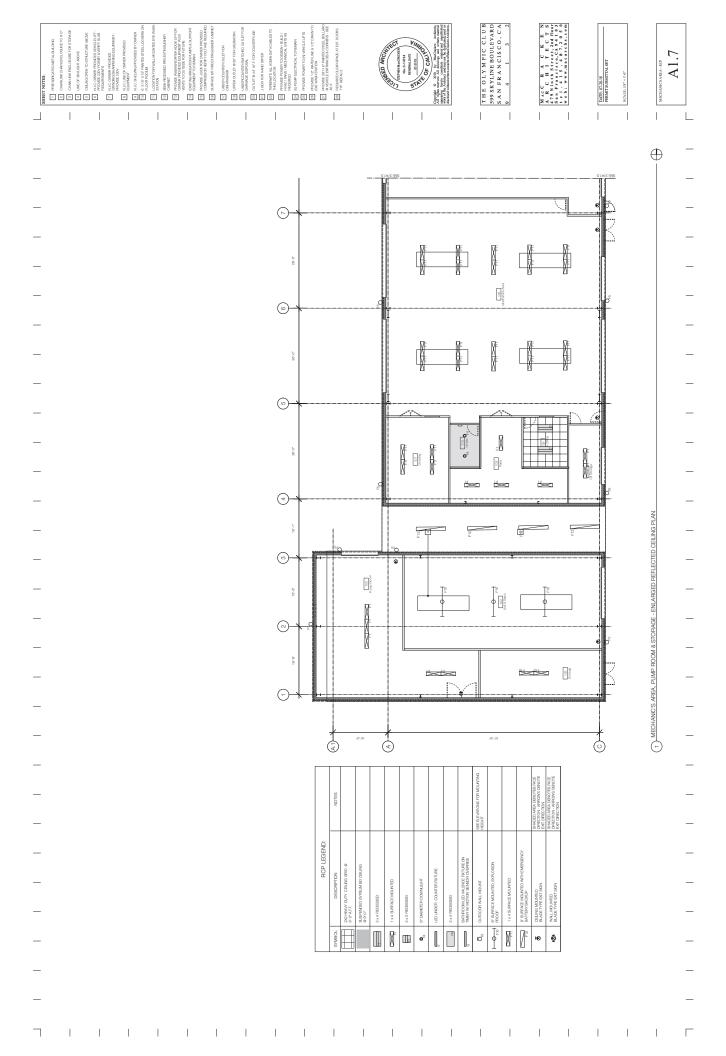


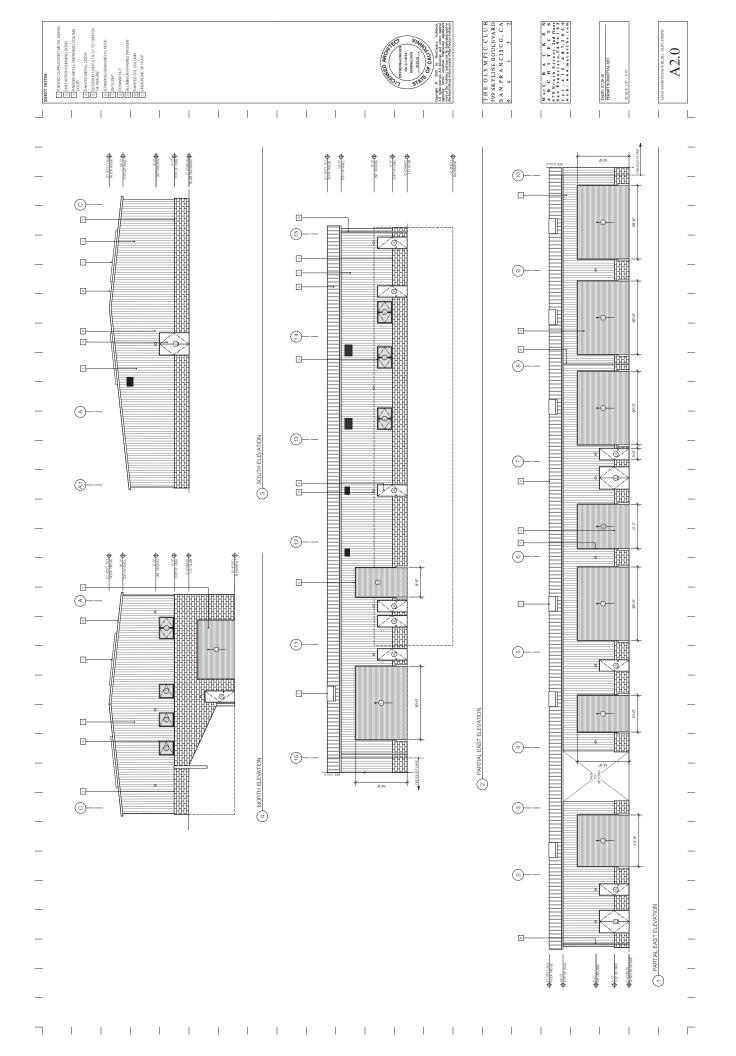


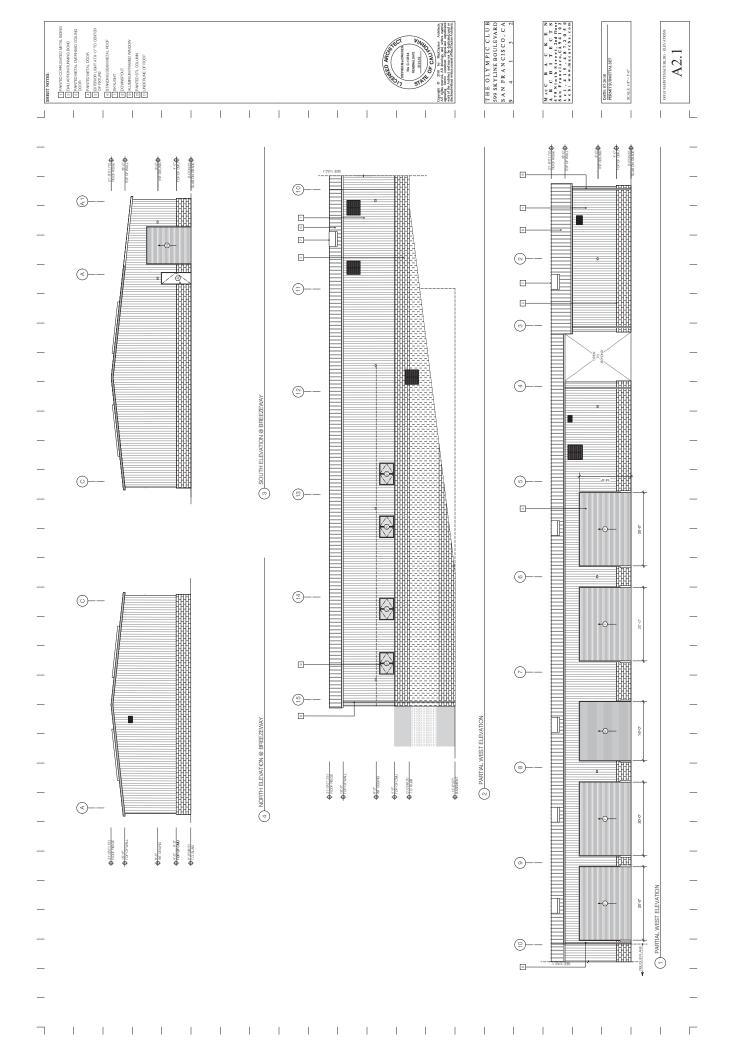


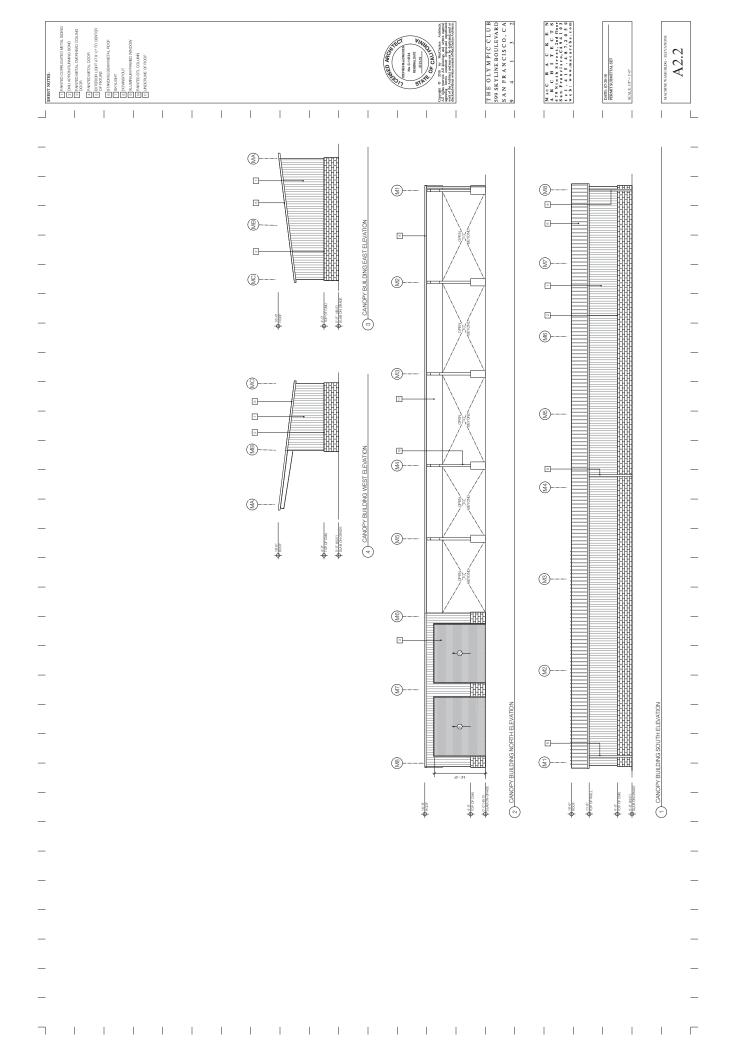


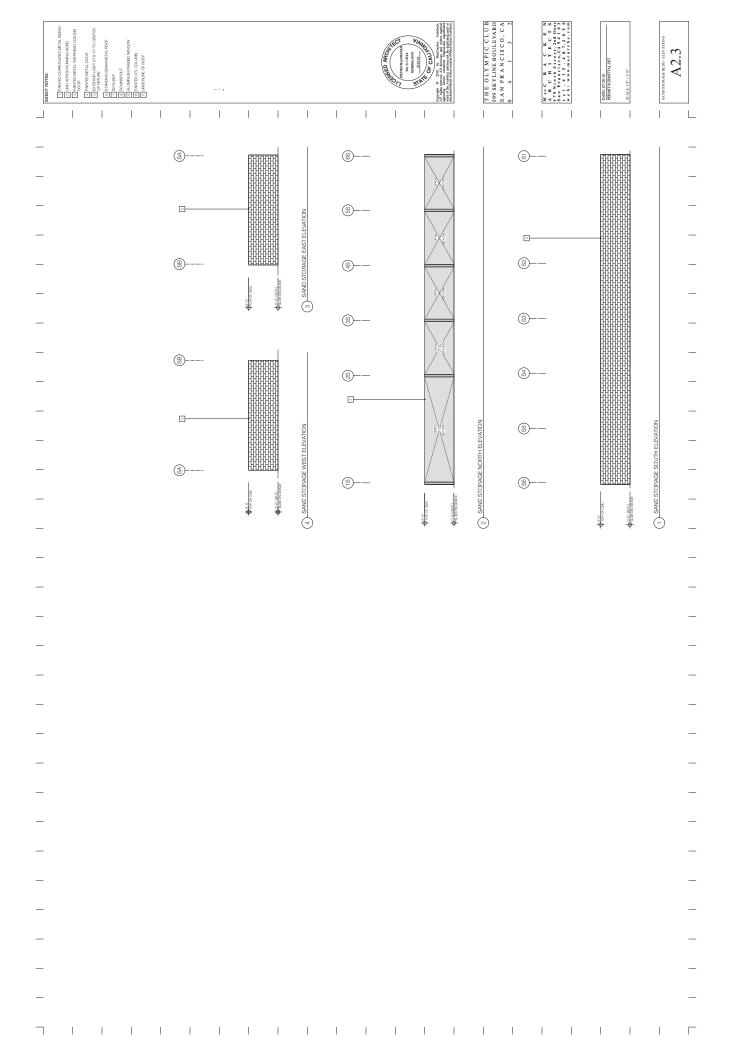


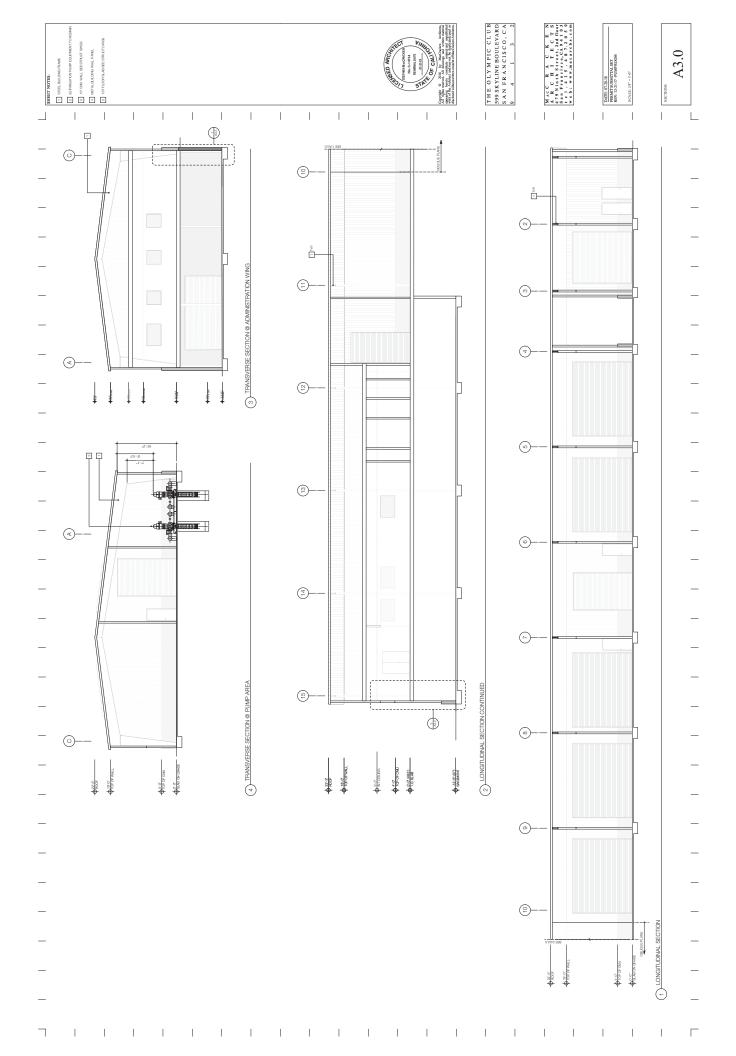


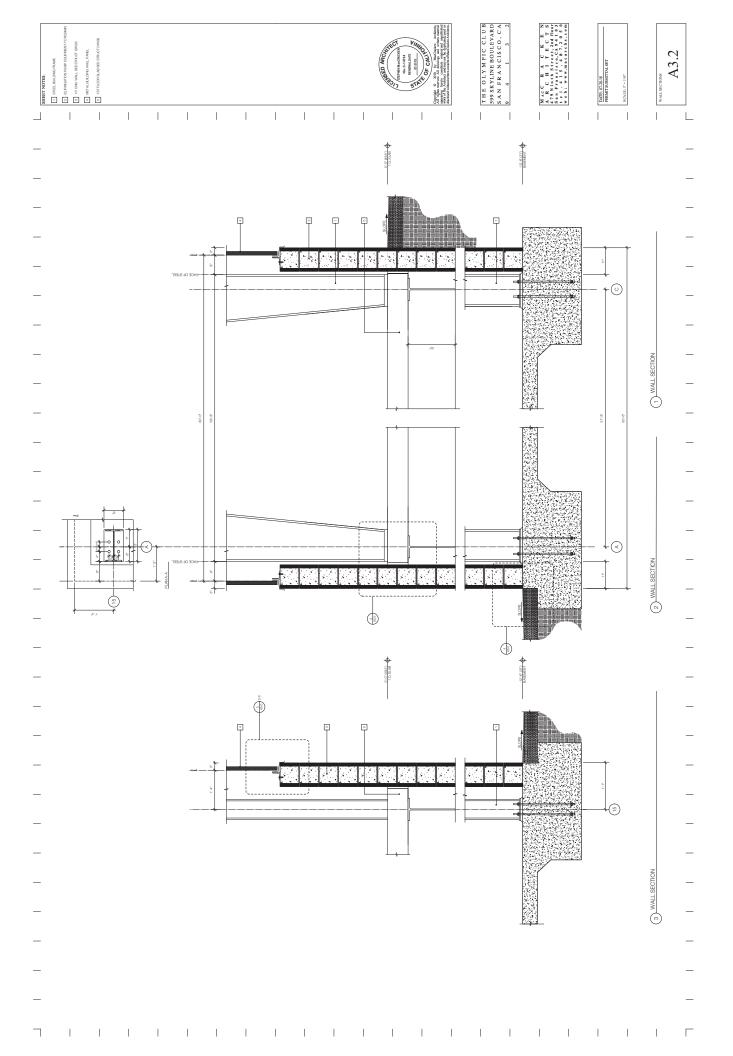


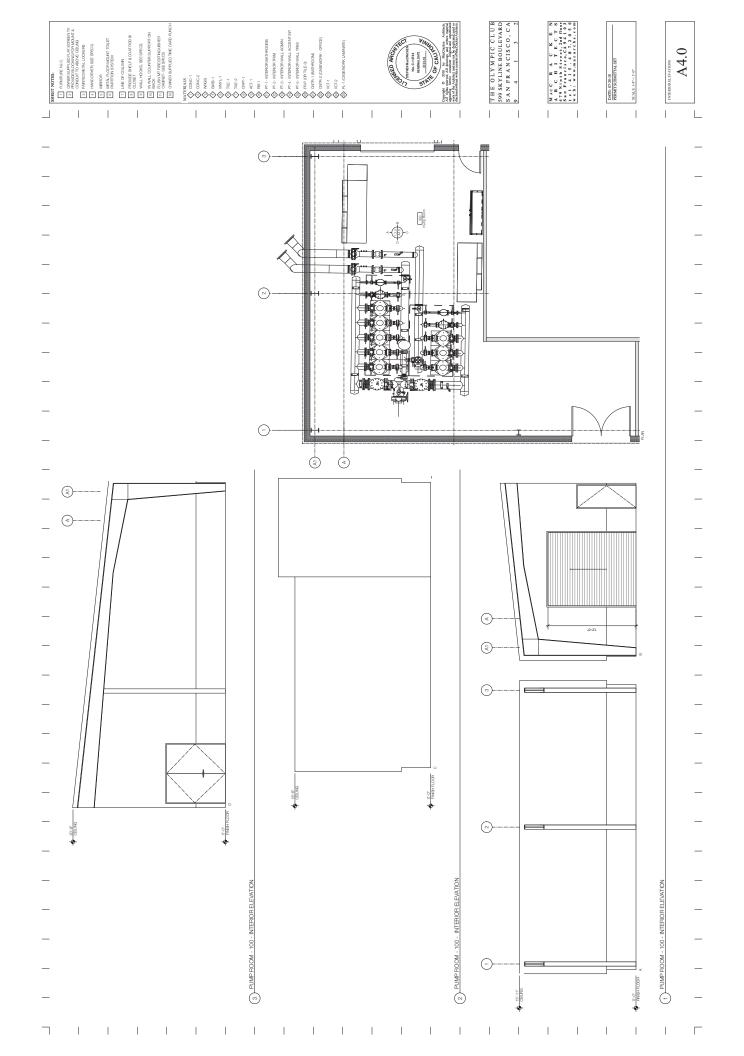


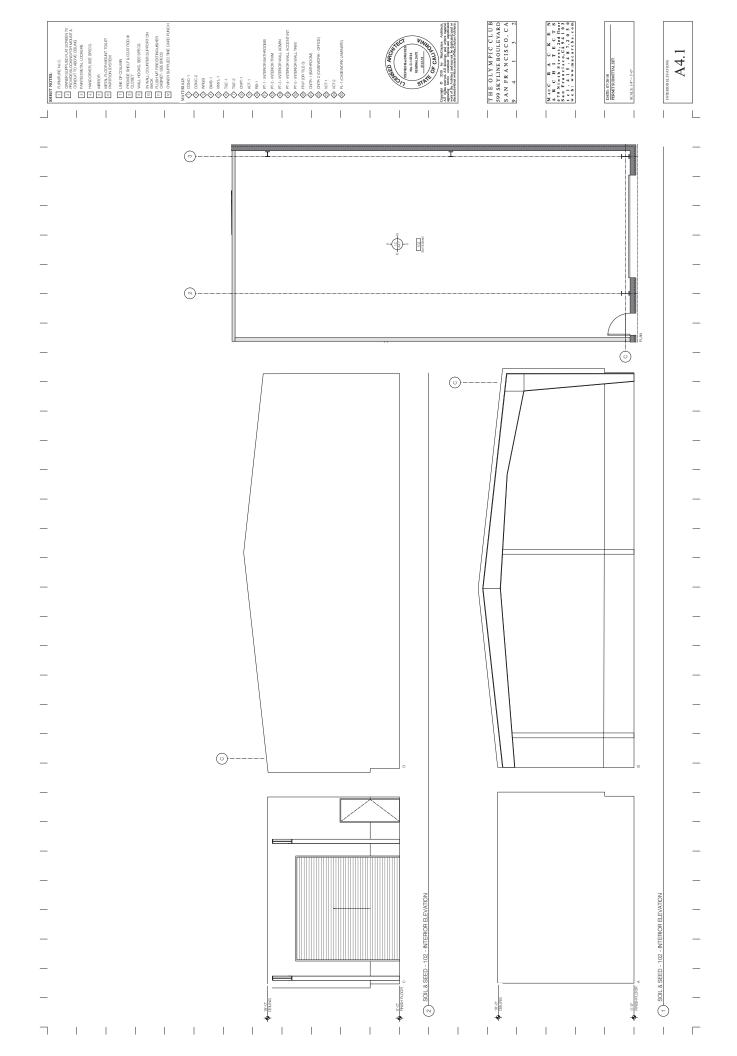


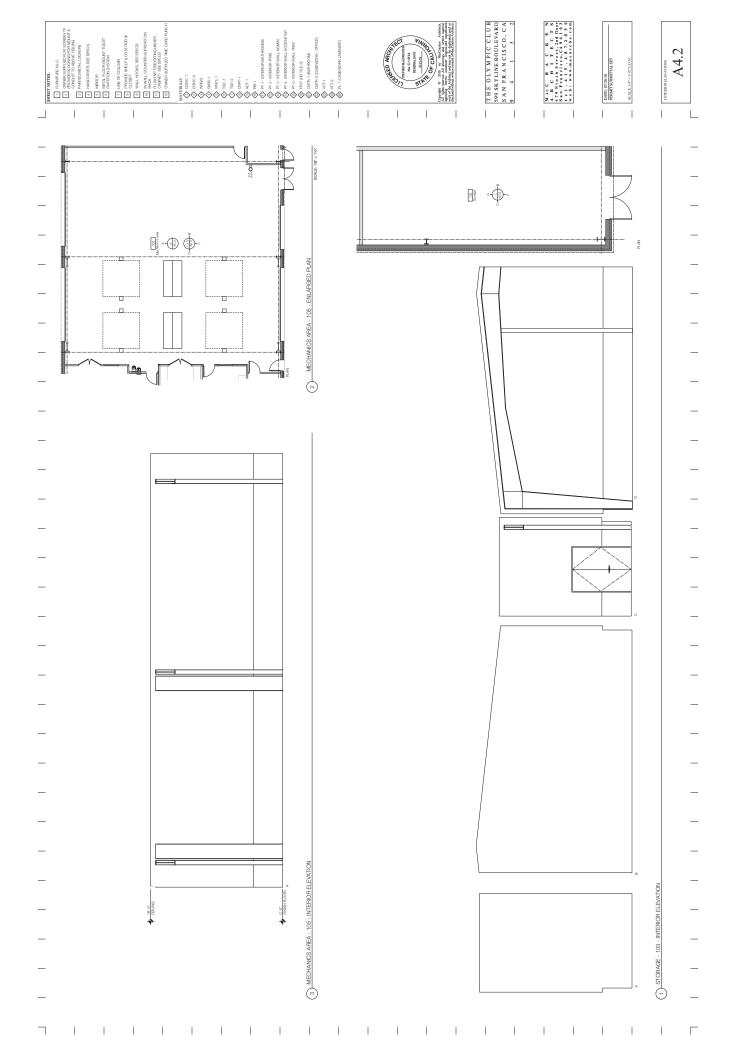


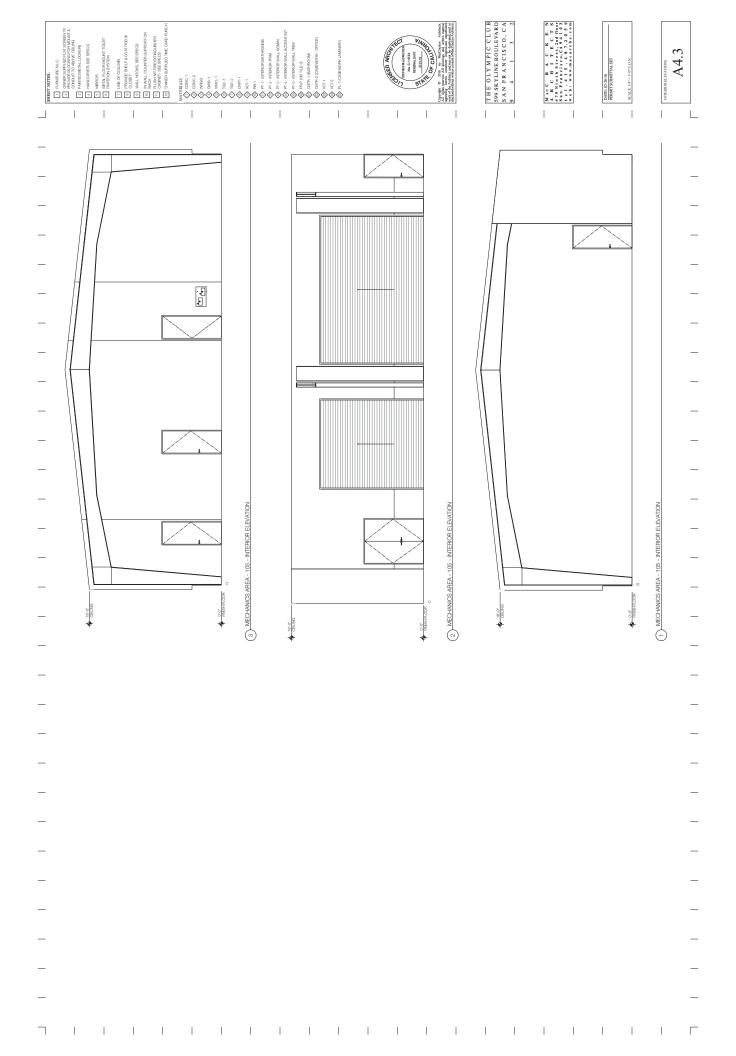


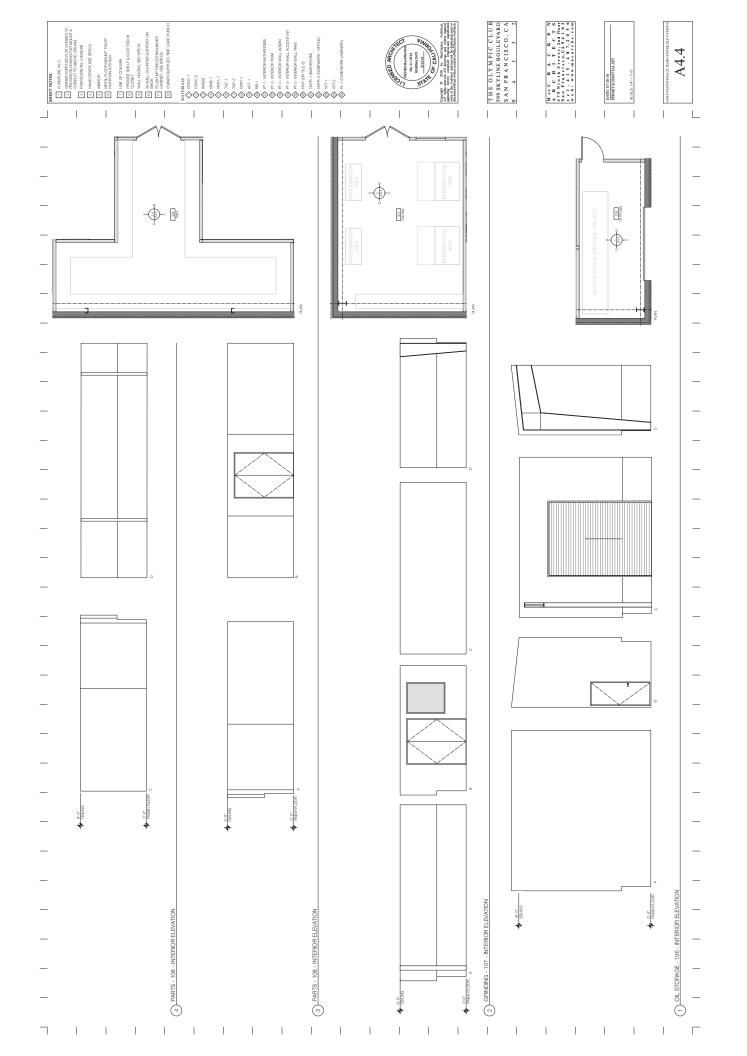


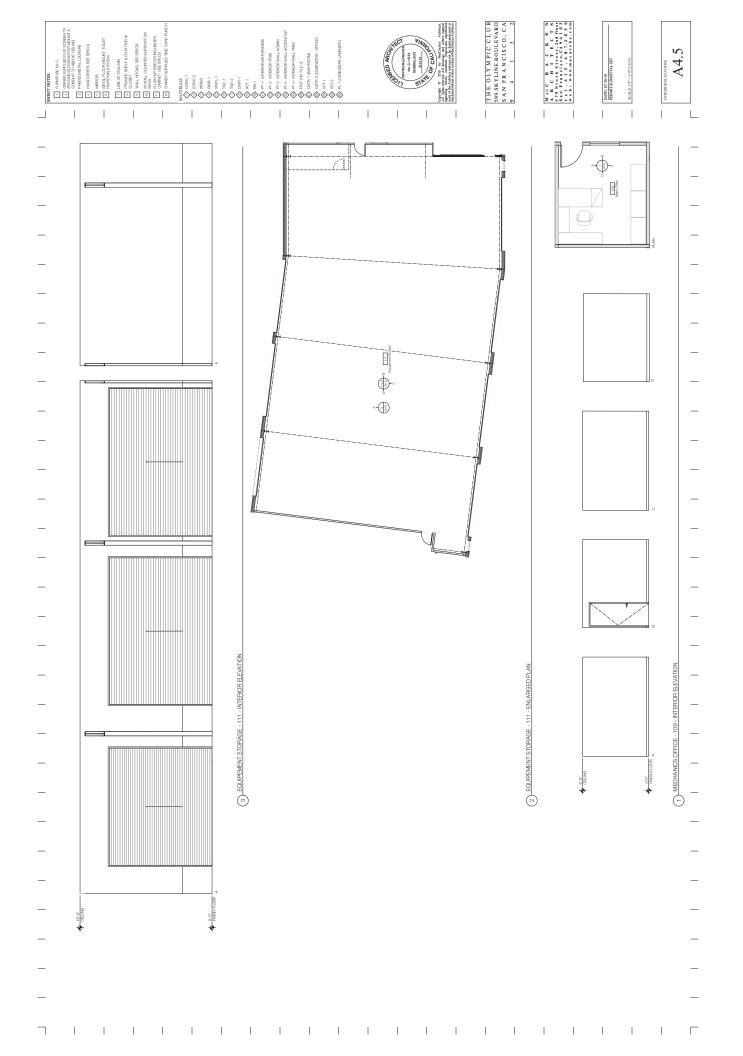


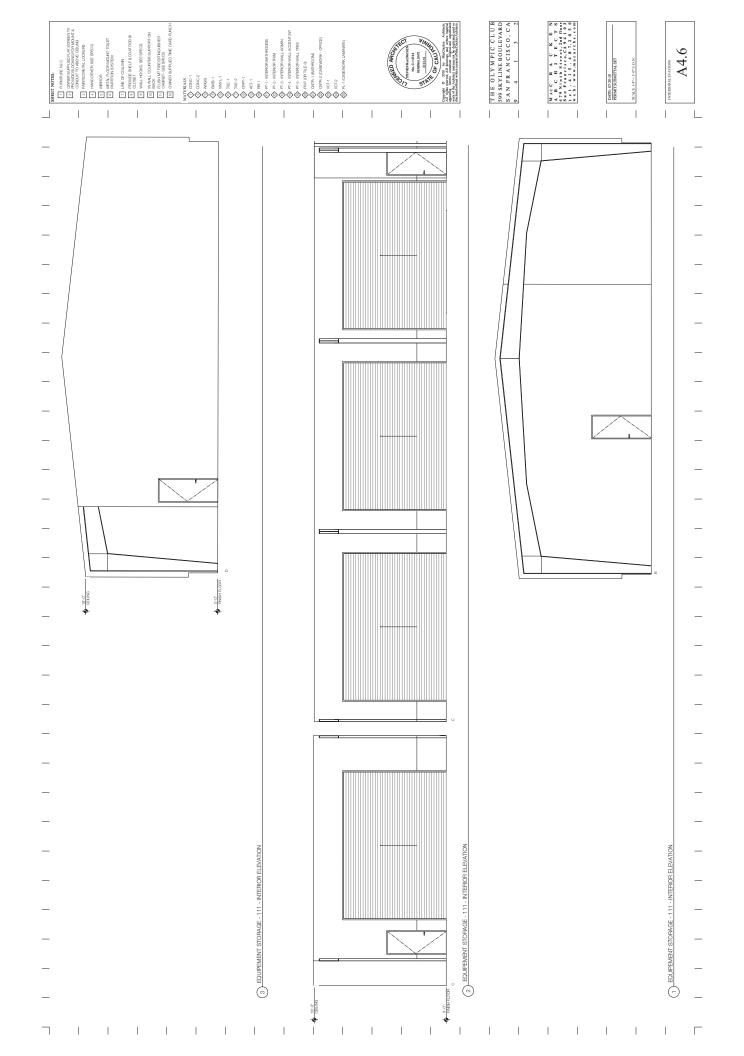


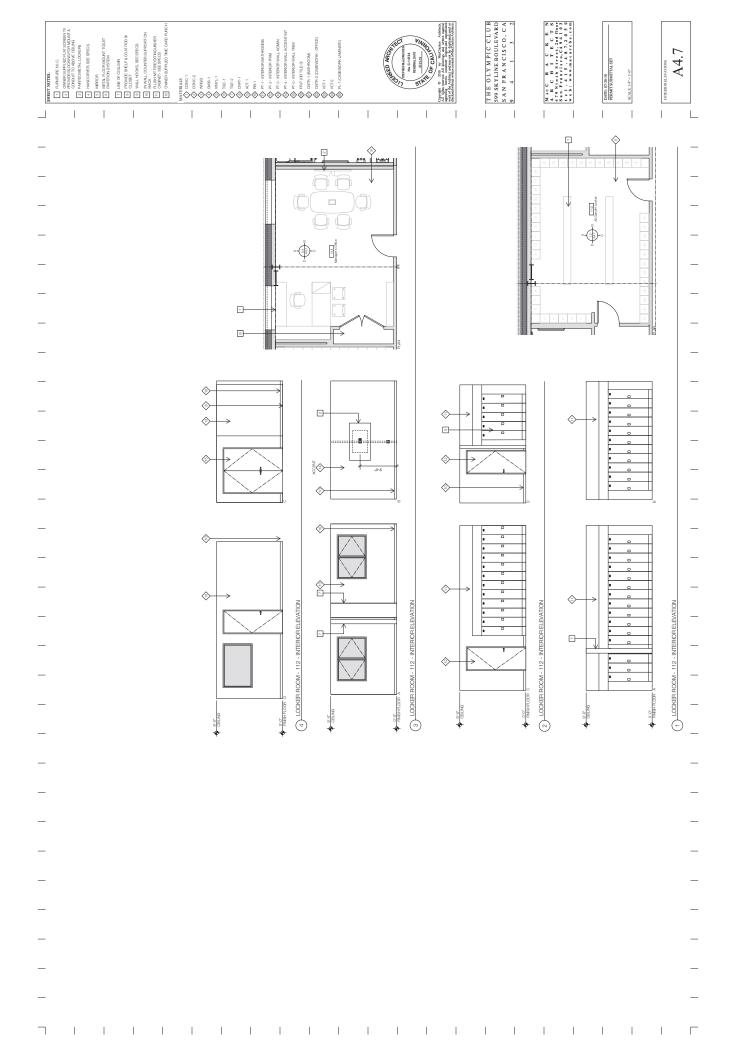


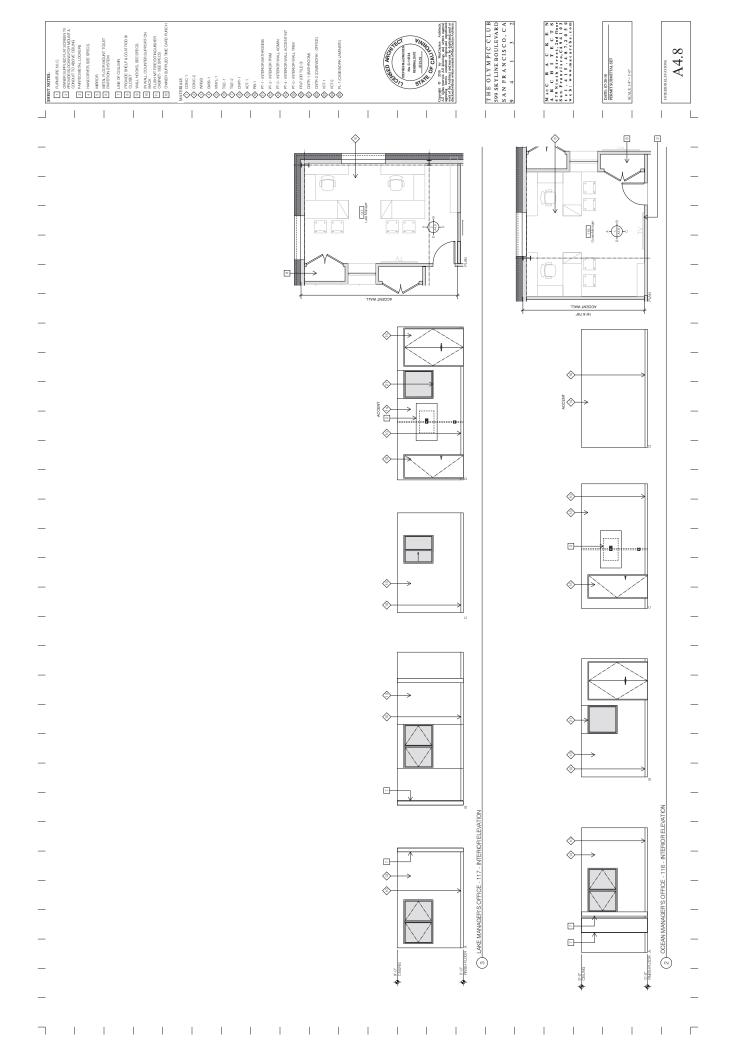


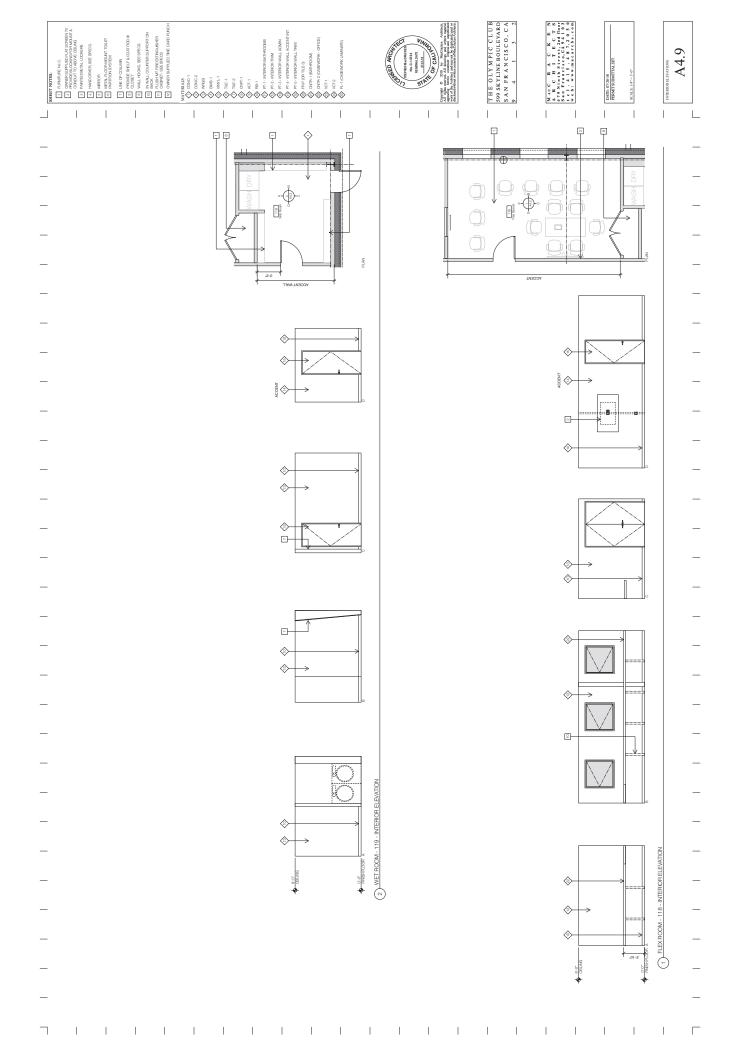


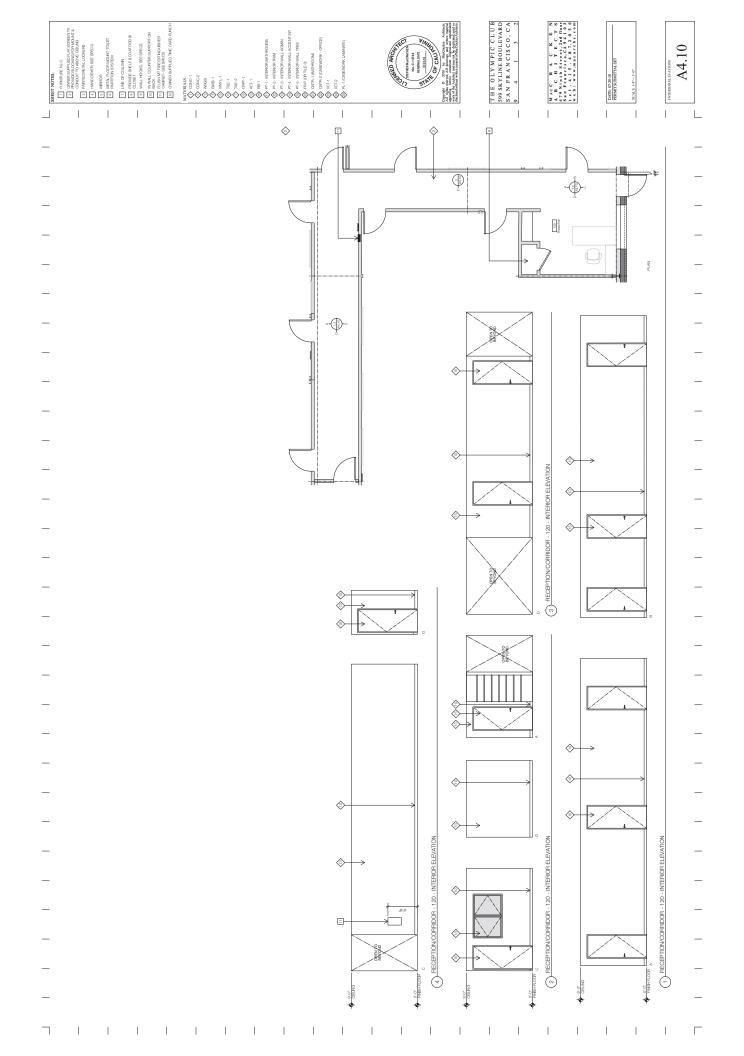


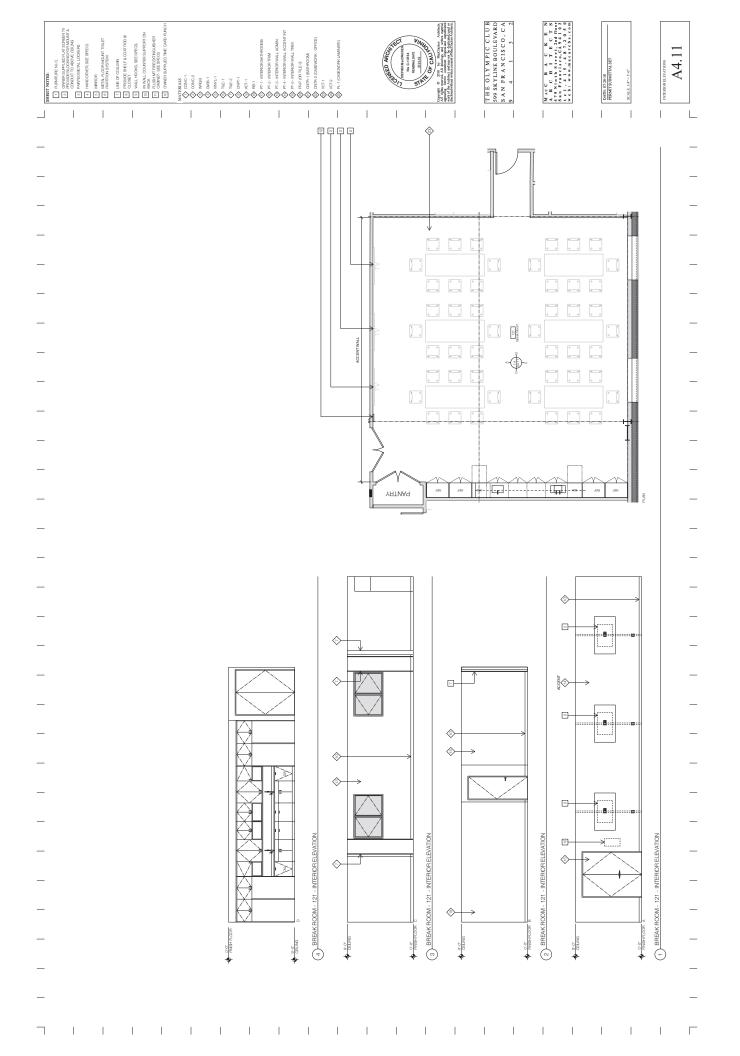


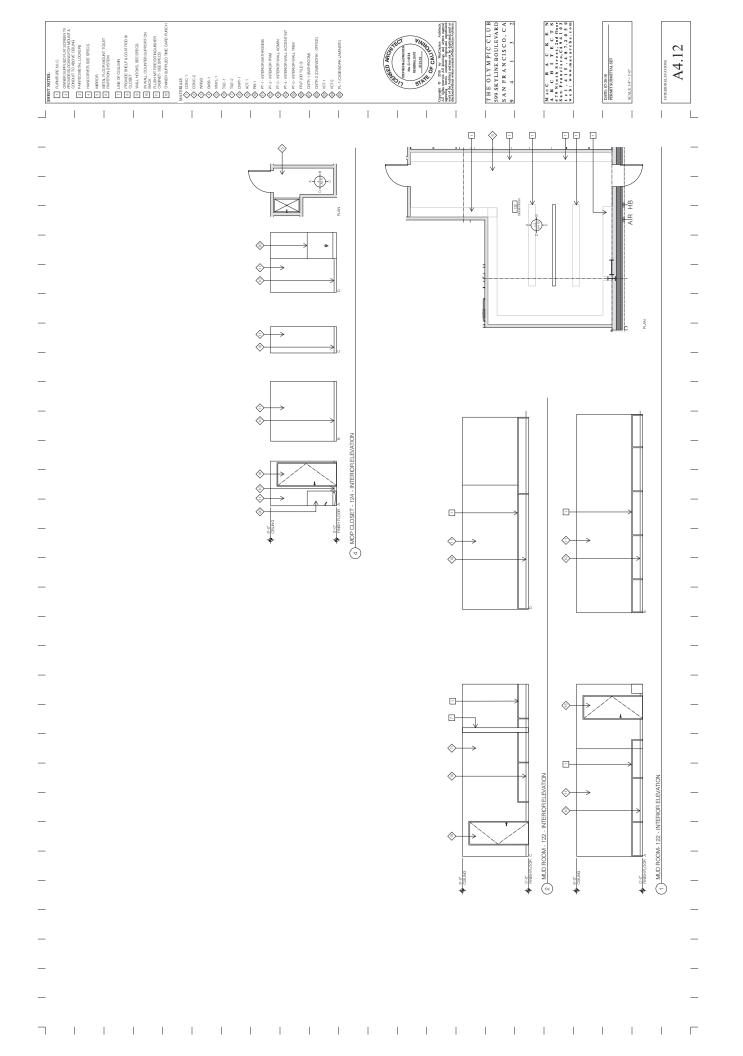


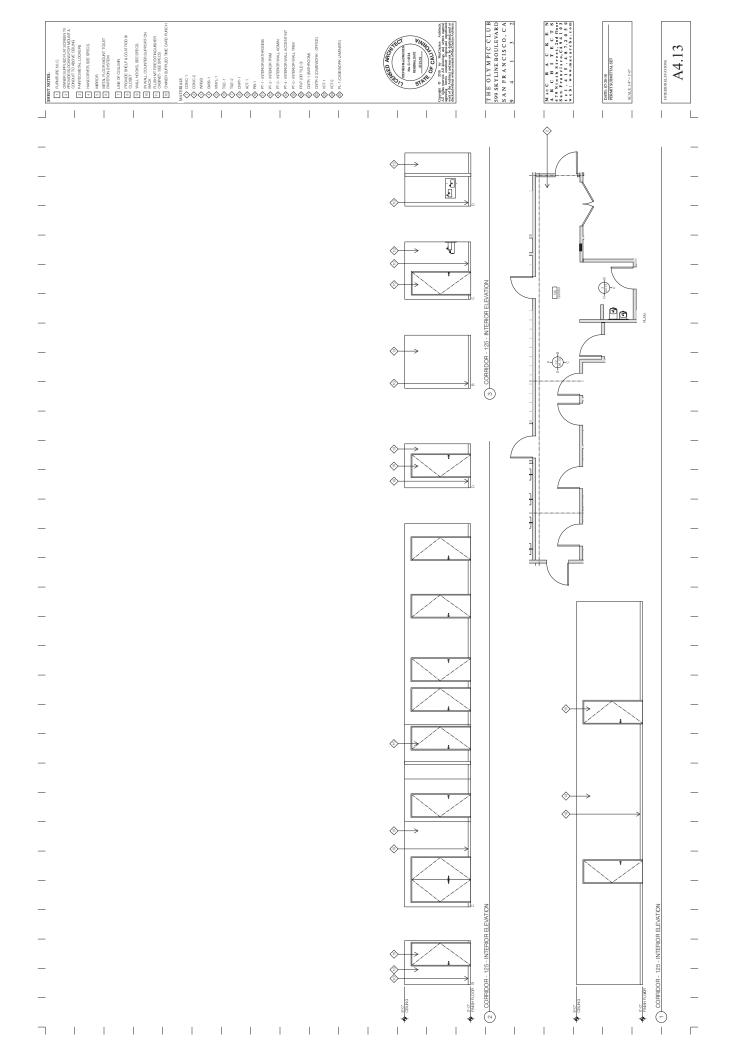


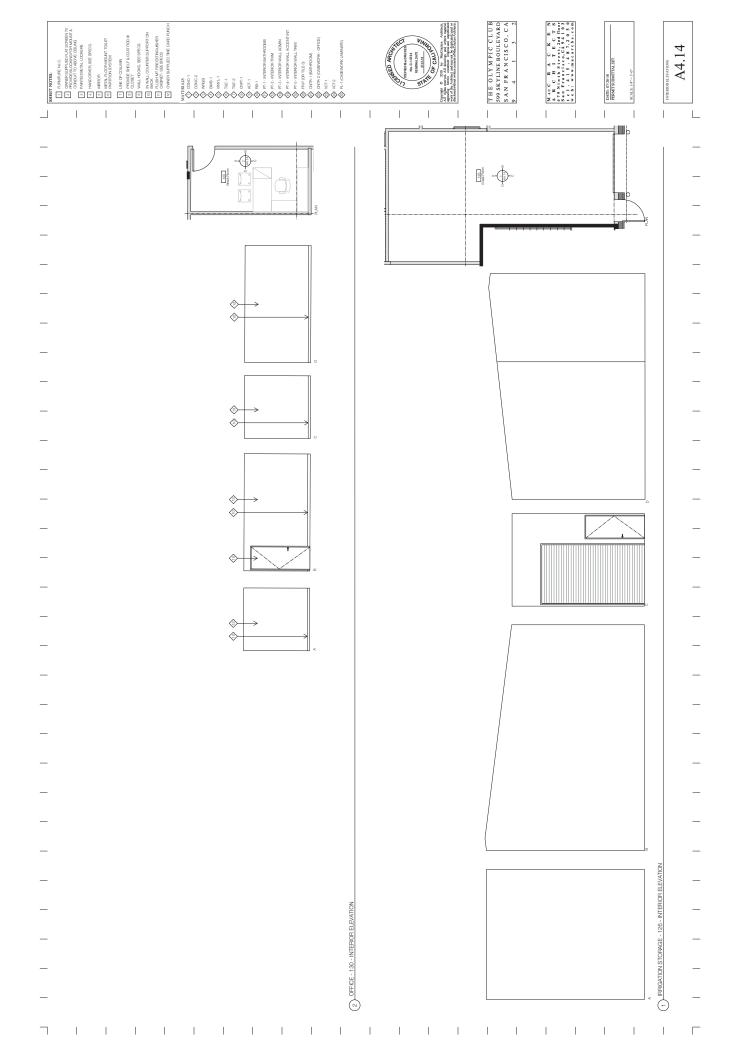


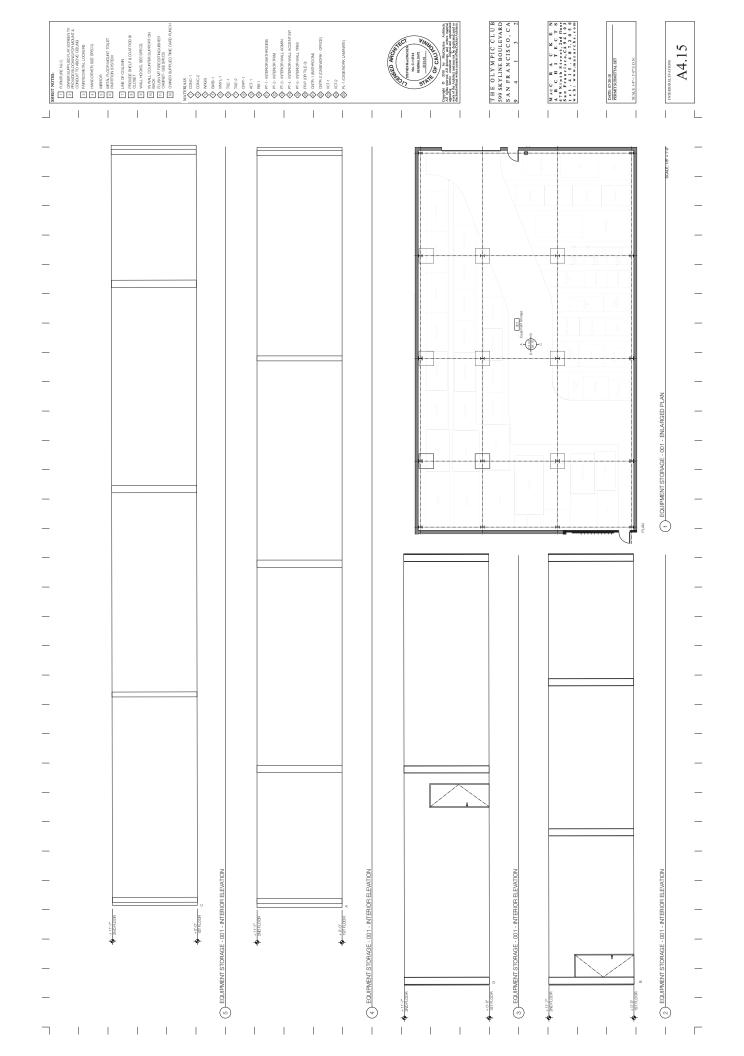


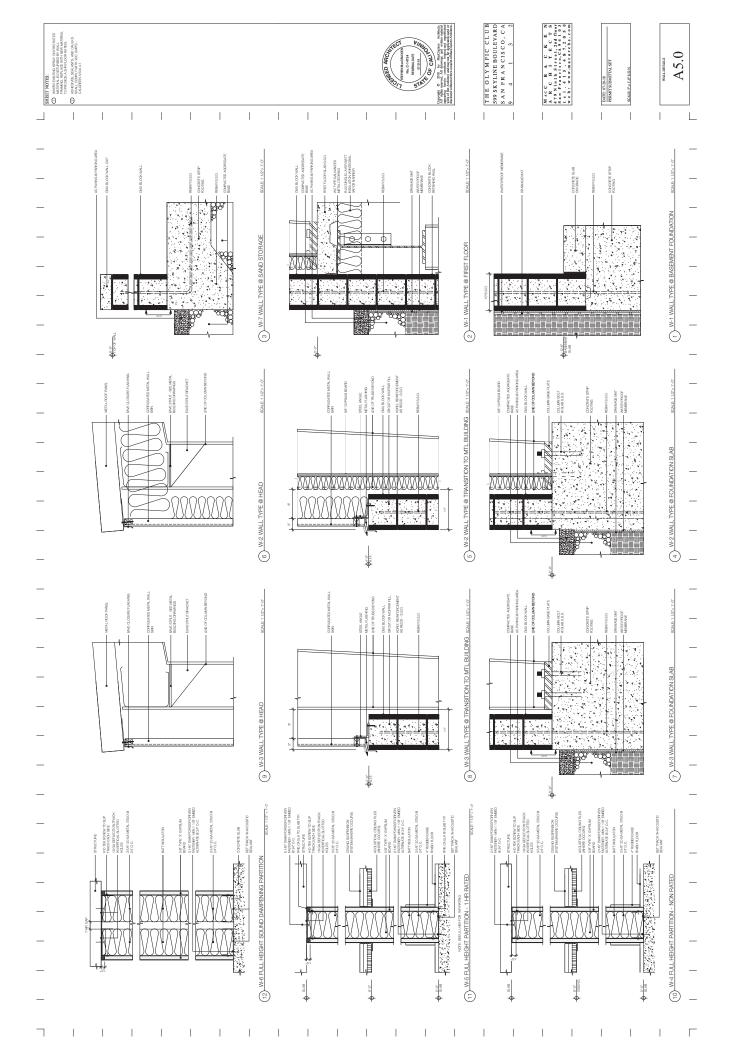


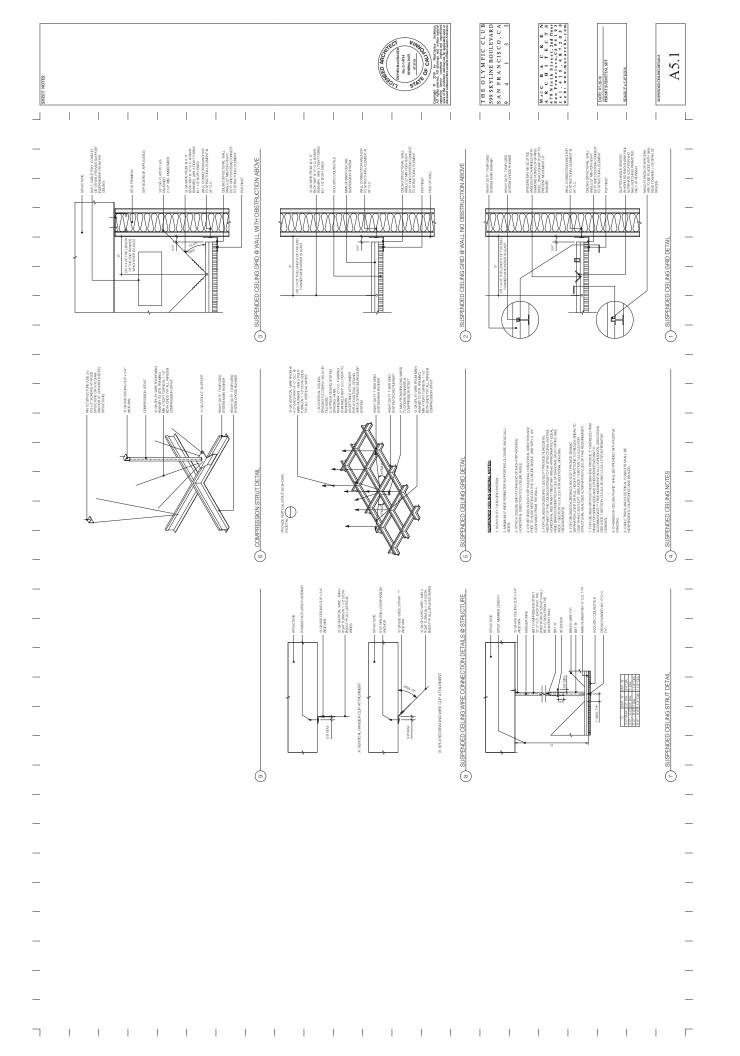


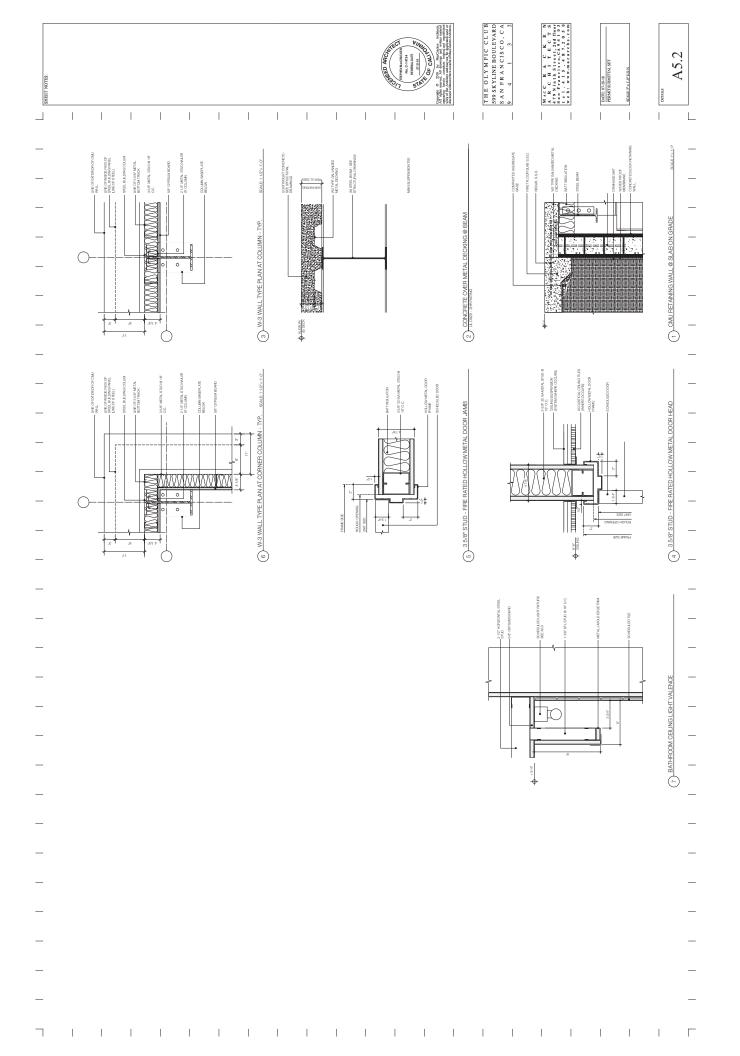


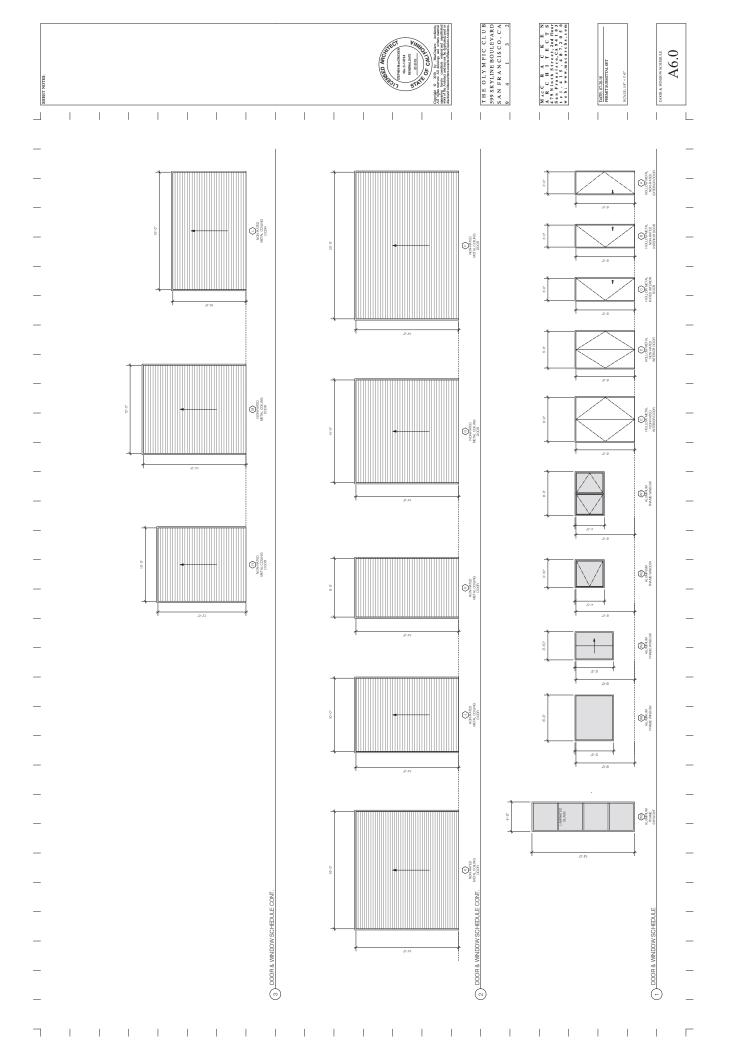




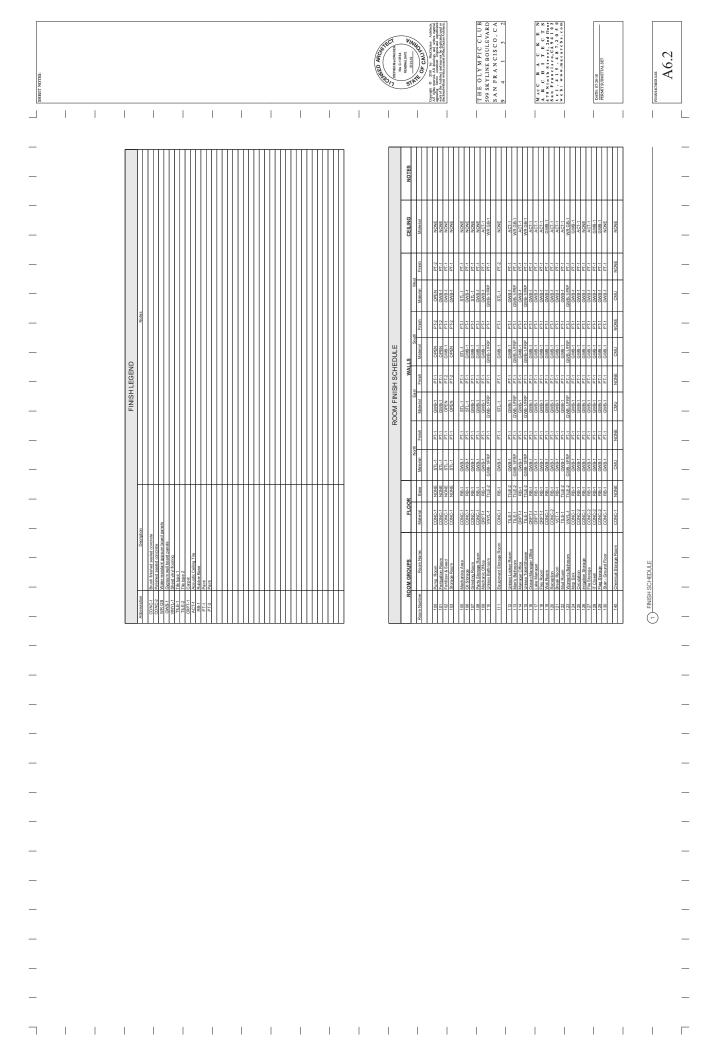


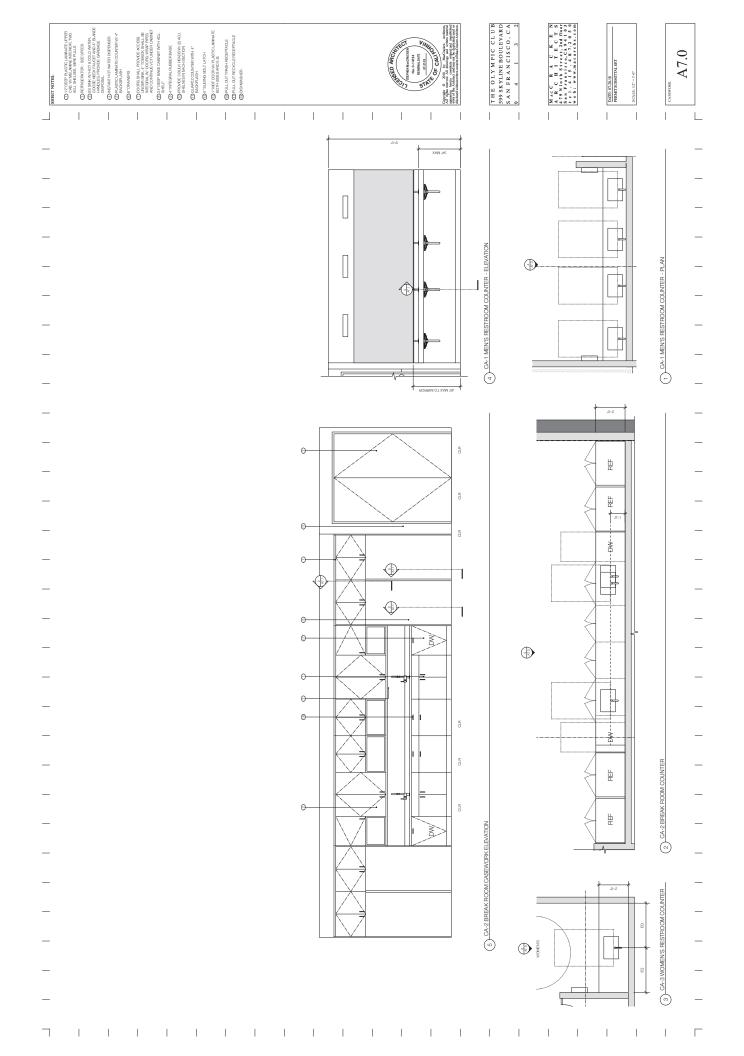


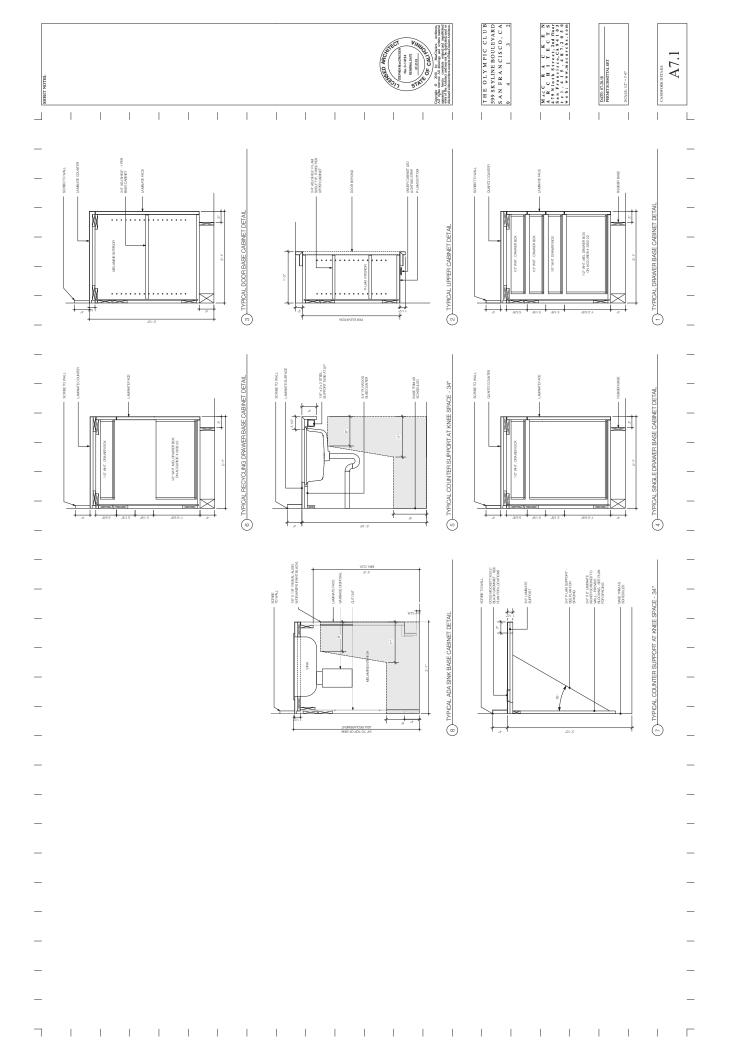


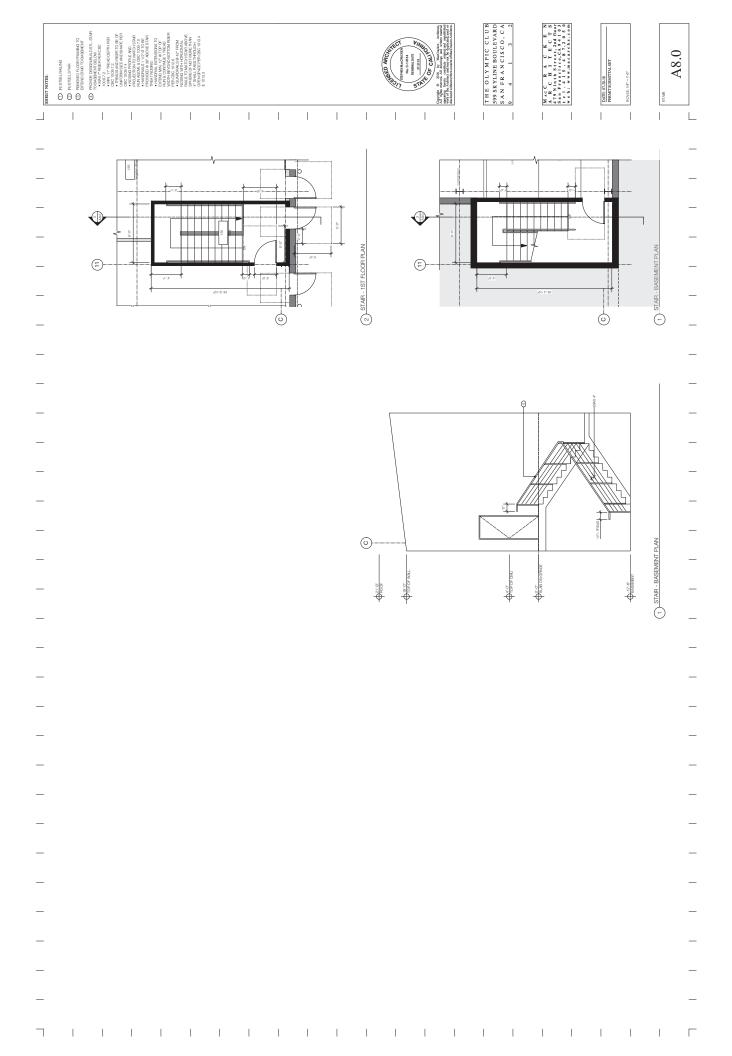


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County of San Mateo - Planning and Building Department

PLACHMENT

PLN2017-00484

The Olympic Club

Tree Report Maintenance Building Project

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NOV 2 1 2017

San Mateo County Planning Division Prepared for:

The Olympic Club 599 Skyline Blvd. San Francisco CA 94132

Prepared by:

HortScience, Inc. 325 Ray Street Pleasanton, CA 94566

August 16, 2017



Tree Assessment

Maintenance Building Project
The Olympic Club
San Francisco CA

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Tree Report

Maintenance Building Project The Olympic Club San Francisco CA

Introduction and Overview

The Olympic Club is planning to construct a new maintenance facility on its property in San Francisco. The project site is located in the northeast corner of the Club's Skyline Drive site. Real Estate Strategies & Solutions is managing the entitlements portion of the project. HortScience, Inc. was asked to prepare a Tree Report for portion of the project located in San Mateo County. This report presents the following information:

- 1. Evaluation of tree health and structural condition within the project area.
- 2. Assessment of tree suitability for preservation.
- 3. Evaluation of project plans for impacts to trees.
- 4. Recommendations for action.
- Guidelines for tree preservation during the design and construction phases of the project.

Assessment Methods

Trees were assessed in August 2017. The assessment was limited to trees greater than 5" diameter. The assessment procedure was a visual assessment from the ground, consisting of the following steps:

- 1. Identifying the tree as to species.
- 2. Attaching a numerically coded metal tag to the trunk of each tree.
- 3. Recording the tree's location on a map.
- 4. Measuring the trunk diameter at a point 54" above grade.
- 5. Evaluating the health and structural condition using a scale of 0 5, where 0 = dead, 1 = very poor, 2 = poor, 3 = fair, 4 = good, and 5 = excellent condition.
- 6. Commenting on the presence of defects in structure, insects or diseases and other aspects of development.
- 7. Evaluating suitability for preservation as low, moderate and high.

Access to some trees was limited by fences, heavy growth of vines and groundcovers. The presence of vines at the base and along the trunk may have obscured defects in structure or other features that would have otherwise been visible.

In some cases, tree tags were attached to the fence near the tree (Photo 1). Such trees are noted as 'tag on fence' in the **Comments** column of the **Tree Assessment Form**).

Photo 1. Tags for trees #1723 – 1733 were placed on the adjacent fence as trees could not be accessed directly.



Description of Trees

Eighty-two (82) trees were evaluated, representing five species (Table 1). Coast live oak is native to San Mateo County and some trees of this species may be indigenous to the site. Other species had been either planted or invaded the site as seedlings. The five species were common to landscapes in the San Francisco/San Mateo County area.

Table 1. Species present and tree condition. Maintenance Building Project. San Mateo County portion. The Olympic Club. San Francisco CA.

Common name	Scientific name		(Conditi	on		No. of Trees		
		Dead (0)	Poor (1,2)	Fair (3)	Good (4)	Excell. (5)	Signifi- cant	Total	
Tea tree	Leptospermum laevigata			1				1	
Brisbane box	Lophostemon confertus		-	1	1	-	1	2	
Monterey pine	Pinus radiata	5	2	5			7	12	
Coast live oak	Quercus agrifolia		19	15	3		10	37	
Lilypily	Syzygium paniculatum		6	24			2	30	
Total, all trees as	sessed	5	27	46	4	0	20	82	

San Mateo County categorizes trees in several ways:

- Heritage tree (County Code. Chapter 1. Section 11.050). Trees either designated by the Board of Supervisors or one of several specified species native to the County. None of the assessed trees met these criteria.
- Protected tree (County Code. Chapter 1. Section 11.050). A tree 1) listed as
 endangered by the California Native Plant Society's List as amended or the
 Federal Register or 2) any tree species designated protected by the Board of
 Supervisors. Monterey pine is listed by the California Native Plant Society as
 endangered.
- 3. **Exotic tree** (County Code. Chapter 1. Section 11.050). A non-native species introduced to the County. Tea tree and lilypily met this criterion.
- 4. **Significant tree** (County Code. Chapter 1. Section 12.012). A tree with a trunk diameter of 12" or greater (38" circumference) measured at 54" (4½') above the ground. Twenty (20) of the 82 trees met this criterion.
- Indigenous tree (County Code. Chapter 1. Section 12.017). A tree of one of several species native to the County. Coast live oak is native to San Mateo County.

Coast live oak was the most frequently encountered species with 37 trees. Oaks were concentrated along the north and east edges of the project area, located at the top of a slope (Photo 2). Trees were generally short in stature but mature in development. Trunk diameters ranged from 6" to 21". Approximately 50% of oaks had more than one stem originating at or near ground level. Most oaks were in either poor (19 trees) or fair (15) condition. Trees #1718, 1730 and 1739 were in good condition. Differences in tree condition were largely associated overall form and structure, leaning stems, and suppressed development.





Photo 2. Coast live oaks. Left: SE. corner of site, near cart path to Ocean #8, in the area where the utilities will be placed underground. Right: approximately half of the crown of tree #1725 extended into the project area.

Thirty (30) lilypily trees formed a long row between the south edge of the existing facility and the 8th hole of the Ocean Course (Photo 3). Trees were planted close together. As a result, individual trees had a narrow upright form and canopy concentrated on the south. Trees appeared to have been topped at 4' many years ago. As a result, most had two or more stems above this point. Most (24) trees were in fair condition while six were poor.



Photo 3. Looking north from tee of #14 Ocean course at screen of lilypily trees.

Numerous lilypily trees were not included in the assessment because no stem was 5" in diameter at 54" above grade.

Twelve (12) Monterey pines were present (Photo 4). Trees were generally mature in development. Trunk diameters ranged between 13" and 52". Monterey pine #1703 had a trunk diameter of 52" but this measurement was misleading as one of the two stems of the tree had been removed many years ago. Condition of pines was either poor (2 trees) or fair (5). Trees #1727, 1729, 1731, 1733 and 1744 were dead. Several trees had symptoms of pine pitch canker, a fungal disease. The central leader had been lost in most trees.

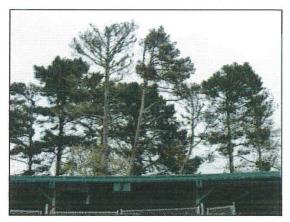


Photo 4. Looking north past mower shed.

Brisbane boxes #1802 and 1803 were located near the existing water tower. Tree #1802 was 20" and in good condition. Tree #1803 appeared to be several stump sprouts, all of which were ≤7". Condition was fair.

Tea tree #1722 was a large shrub that sprawled along the ground.

Description of individual trees is found on the enclosed *Tree Assessment Form*. Tree locations are found on the *Tree Location Map*. Both are included as **Attachments**.

Suitability for Preservation

Trees that are preserved on sites where development or other improvements are planned, must be carefully selected to make sure that they may survive construction impacts, adapt to a new environment, and perform well in the landscape. Our goal is to identify trees that have the potential for long-term health, structural stability and longevity.

Evaluation of suitability for preservation considers several factors:

Tree health

Healthy, vigorous trees are better able to tolerate impacts such as root injury, demolition of existing structures, changes in soil grade and moisture, and soil compaction than are non-vigorous trees. Trees in good condition are in better health than those in poor condition.

Structural integrity

Trees with significant amounts of wood decay and other structural defects that cannot be corrected are likely to fail. Such trees should not be preserved in areas where damage to people or property is likely. Defects such as codominant or multiple stems, lean and other deviations from the vertical, heavy branches and decay are problematic and may increase the potential for a tree to fail.

Species response

There is a wide variation in the response of individual species to construction impacts and changes in the environment. Monterey pine is sensitive to impacts from construction while coast live oak is more moderate in response.

Tree age and longevity

Old trees, while having significant emotional and aesthetic appeal, have limited physiological capacity to adjust to an altered environment. Young trees are better able to generate new tissue and respond to change.

Species invasiveness

Species which spread across a site and displace desired vegetation are not always appropriate for retention. This is particularly true when indigenous species are displaced. The California Invasive Plant Inventory Database (http://www.cal-ipc.org/paf/) lists species identified as having being invasive. San Francisco is part of the Northwest Floristic Province. None of the species present is listed as invasive.

Each tree was rated for suitability for preservation based upon its age, health, structural condition and ability to safely coexist within a development environment (Table 2).

Table 2. Tree suitability for preservation. Maintenance Building Project. San Mateo County portion. The Olympic Club. San Francisco CA.

High	Trees with good health and structural stability that have the potential for longevity at the site. No tree was rated as having high suitability for preservation.
Moderate	Trees in fair health and/or possessing structural defects that may be abated with treatment. Trees in this category require more intense management and monitoring, and may have shorter life-spans than those in the "high" category. Nine trees were rated as having moderate suitability for preservation: coast live oak #1705, 1714, 1718, 1725, 1730, 1739, 1746, 1769 and Brisbane box #1802.
Low	Trees in poor health or possessing significant defects in structure that cannot be abated with treatment. These trees can be expected to decline regardless of management. The species or individual tree may possess either characteristics that are undesirable in landscape settings or be unsuited for use areas. Sixty-eight (68) trees were rated as having low suitability for preservation: 30 lilypily, 29 coast live oak, 7 Monterey pine, Brisbane box #1803, and tea tree #1722.

Note: Table does not include Monterey pine #1727, 1729, 1731, 1733 and 1744 which were dead.

We consider trees with high suitability for preservation to be the best candidates for preservation during development. We do not recommend retention of trees with low suitability for preservation in areas where people or property will be present. Retention of trees with moderate suitability for preservation depends upon the intensity of proposed site changes.

Evaluation of Impacts and Recommendations for Action

Appropriate tree retention develops a practical match between the location and intensity of construction activities, and the quality and health of trees. The tree assessment was the reference point for tree condition and quality. Impacts from the proposed project were assessed using the Layout, Grading and Drainage Plan.

The plan depicted the location and extent of the new facility. The existing site will be demolished and enlarged on the south and west. The water tank will remain. The existing electrical line will be placed underground.

Based on my evaluation of the plans, I recommend preservation of 18 trees (8 Significant) and removal of 64 (12 Significant) (Table 3). Among trees recommended for preservation are 15 coast live oaks and three Monterey pines. Among trees recommended for removal, 48 are located within the project's proposed development area, 11 are located along the alignment of the new underground utilities (Photo 5) and five trees were dead.



Photo 5. Looking south. Existing overhead electrical lines will be placed underground along the same alignment, necessitating removal of several trees. Monterey pine #1703 is in the center-right of the photograph.

Recommendations for tree preservation are predicated on adherence to the *Tree Preservation Guidelines* (following section).

Table 3. Proposed action. Maintenance Building Project. San Mateo County portion. The Olympic Club. San Francisco CA.

Tree No.	Species	Trunk Diameter (in.)	Significant Tree ?	Condition 0=dead 1=poor 5=excell.	Proposed Action	Notes
1701	Monterey pine	22	Significant	3	Remove	Utility undergrounding
1702	Coast live oak	15,15,11	Significant	3	Remove	Utility undergrounding
1703	Monterey pine	52	Significant	3	Remove	Utility undergrounding
1704	Coast live oak	9,8,4	-	2	Remove	Utility undergrounding
1705	Coast live oak	13,12,11	Significant	3	Preserve	Edge of development area
1706	Coast live oak	8,8,7,7		2	Preserve	Edge of development area
1707	Coast live oak	7,6		2	Remove	Utility undergrounding
1708	Coast live oak	6		2	Remove	Utility undergrounding
1709	Coast live oak	9		3	Remove	Utility undergrounding
1710	Coast live oak	12	Significant	3	Preserve	Edge of development area
1711	Coast live oak	7		3	Remove	Utility undergrounding
1712	Coast live oak	11		2	Remove	Utility undergrounding
1713	Coast live oak	9		3	Preserve	Edge of development area
1714	Coast live oak	10,10		3	Preserve	Edge of development area
1715	Coast live oak	10,6,6		3	Preserve	Edge of development area
1716	Coast live oak	6		2	Remove	Utility undergrounding
1717	Coast live oak	6		2	Remove	Utility undergrounding
1718	Coast live oak	7,6		4	Remove	Within development area
1719	Coast live oak	6		2	Remove	Within development area
1720	Coast live oak	7	 :	2	Remove	Within development area
1721	Monterey pine	28	Significant	2	Preserve	Edge of development area
1722	Tea tree	10,10,7	221	3	Preserve	Edge of development area
1723	Coast live oak	7,7,5,4		3	Preserve	Edge of development area
1724	Coast live oak	8,6		2	Preserve	Edge of development area
1725	Coast live oak	13	Significant	3	Preserve	Edge of development area; prune for clearance?
1726	Coast live oak	6	·	2	Preserve	Edge of development area
1727	Monterey pine	16		0	Remove	Dead
1728	Monterey pine	28	Significant	2	Preserve	Edge of development area
1729	Monterey pine	24		0	Remove	Dead
1730	Coast live oak	9,8,8,6,5,5		4	Preserve	Edge of development area
1731	Monterey pine	32	TOTAL STREET	0	Remove	Dead
1732	Monterey pine	21	Significant	3	Preserve	Edge of development area
1733	Monterey pine	21	1.77	0	Remove	Dead
1734	Monterey pine	24	Significant	3	Remove	Within development area
1735	Coast live oak	9,6		2	Remove	Within development area
1736	Coast live oak	9,7,6	:==	2	Remove	Within development area

Table 3, continued. Proposed action. Maintenance Building Project. San Mateo County portion. The Olympic Club. San Francisco CA.

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Tree No.	Species	Trunk Diameter (in.)	Significant Tree ?	Condition 0=dead 1=poor 5=excell.	Proposed Action	Notes
1737	Coast live oak	8,6,5		2	Remove	Within development area
1738	Coast live oak	10,5,4,4	2.	2	Remove	Within development area
1739	Coast live oak	15,14,14,12,12,5	Significant	4	Remove	Within development area
1740	Coast live oak	14	Significant	3	Remove	Within development area
1741	Coast live oak	15	Significant	3	Remove	Within development area
1742	Coast live oak	8,8,6	i==:	2	Remove	Within development area
1743	Monterey pine	16	Significant	3	Remove	Within development area
1744	Monterey pine	13		0	Remove	Dead
1745	Coast live oak	10		3	Remove	Within development area
1746	Coast live oak	12,7,6,4	Significant	3	Remove	Within development area
1747	Coast live oak	9		2	Remove	Within development area
1769	Coast live oak	21	Significant	3	Preserve	Edge of development area
1770	Coast live oak	13	Significant	2	Preserve	Edge of development area
1771	Coast live oak	7		2	Preserve	Edge of development area
1772	Lilypily	9,8,7,6		3	Remove	Within development area
1773	Lilypily	10		3	Remove	Within development area
1774	Lilypily	9		3	Remove	Within development area
1775	Lilypily	9,7		3	Remove	Within development area
1776	Lilypily	12	Significant	3	Remove	Within development area
1777	Lilypily	10		3	Remove	Within development area
1778	Lilypily	9		2	Remove	Within development area
1779	Lilypily	8,7		3	Remove	Within development area
1780	Lilypily	9		2	Remove	Within development area
1781	Lilypily	7,5		3	Remove	Within development area
1782	Lilypily	6,4,4,3	===	2	Remove	Within development area
1783	Lilypily	8,7,6,6		2	Remove	Within development area
1784	Lilypily	14	Significant	3	Remove	Within development area
1785	Lilypily	7,5	2000	2	Remove	Within development area
1786	Lilypily	7,6,5		3	Remove	Within development area
1787	Lilypily	7,6,6,5,5		3	Remove	Within development area
1788	Lilypily	9	7	3	Remove	Within development area
1789	Lilypily	10	(3	Remove	Within development area
1790	Lilypily	6,4	175	3	Remove	Within development area
1791	Lilypily	7		3	Remove	Within development area
1792	Lilypily	7,6		3	Remove	Within development area
1793	Lilypily	7,7,4,3		3	Remove	Within development area
1794	Lilypily	7		3	Remove	Within development area

Table 3, continued. Proposed action. Maintenance Building Project. San Mateo County portion. The Olympic Club. San Francisco CA.

Tree No.	Species	Trunk Diameter (in.)	Significant Tree ?	Condition 0=dead 1=poor 5=excell.	Proposed Action	Notes
1795	Lilypily	7,5	V	3	Remove	Within development area
1796	Lilypily	6	-	3	Remove	Within development area
1797	Lilypily	7,3	-	3	Remove	Within development area
1798	Lilypily	8,6		3	Remove	Within development area
1799	Lilypily	8,7	3	2	Remove	Within development area
1800	Lilypily	10,6,5,4		3	Remove	Within development area
1801	Lilypily	8,7		3	Remove	Within development area
1802	Brisbane box	20	Significant	4	Remove	Within development area
1803	Brisbane box	7,5,5,5,4,4,4		3	Remove	Within development area

Tree Preservation Guidelines

The goal of tree preservation is not merely tree survival during development but maintenance of tree health and beauty for many years. Impacts can be minimized by avoiding any construction activities inside the **TREE PROTECTION ZONE**.

The following recommendations will help reduce impacts to trees from development and maintain and improve their health and vitality through the clearing, grading and construction phases.

Design recommendations

- Any plan affecting trees should be reviewed by the Consulting Arborist with regard to tree impacts. These include, but are not limited to, improvement plans, utility and drainage plans, grading plans, landscape and irrigation plans and demolition plans.
- Include tree trunk locations, canopy limits (dripines), and tree numbers on all plans.
- 3. Establish a TREE PROTECTION ZONE must be established for trees to be preserved, in which no disturbance is permitted. For design purposes, the TREE PROTECTION ZONES shall be 1' behind the planned edge of grading. No grading, excavation, construction or storage of materials shall occur within that zone.
- Other than the planned undergrounding of the existing electrical service, underground utilities such as water and sewer shall be routed around the TREE PROTECTION ZONE.
- Irrigation systems must be designed so that no trenching will occur within the TREE PROTECTION ZONE.
- 6. Any herbicides placed under paving materials must be safe for use around trees and labeled for that use.

Pre-construction treatments and recommendations

- The demolition contractor shall meet with the Consulting Arborist before beginning work to discuss work procedures and tree protection.
- Cap and abandon-in-place all existing underground utilities within the TREE PROTECTION ZONE. Removal of utility boxes by hand is acceptable but no trenching should be performed within the TREE PROTECTION ZONE in an effort to remove utilities, irrigation lines, etc.
- Fence trees to completely enclose the TREE PROTECTION ZONE prior to demolition, grubbing, or grading. Fences shall be 6 ft. chain link or equivalent as approved by the County of San Mateo. Fences are to remain until all construction is completed.

- 4. Trees to be preserved may require pruning to provide clearance for construction. Any other pruning shall be completed by a Certified Arborist or Tree Worker. Pruning shall adhere to the latest edition of the ANSI Z133 and A300 standards as well as the Best Management Practices -- Tree Pruning published by the International Society of Arboriculture.
- Structures and underground features to be removed within the TREE PROTECTION
 ZONE shall use the smallest equipment, and operate from outside the TREE
 PROTECTION ZONE. The consultant shall be on-site during all operations within
 the TREE PROTECTION ZONE to monitor demolition activity.

Recommendations for tree protection during construction

- Prior to beginning work, the contractors working in the vicinity of trees to be preserved are required to meet with the Consulting Arborist at the site to review all work procedures, access routes, storage areas and tree protection measures.
- 2. Fences are to remain until all site work has been completed. Fences may not be relocated or removed without permission of the Consulting Arborist.
- 3. Any excavation within the dripline or other work that is expected to encounter tree roots should be approved and monitored by the Consulting Arborist. Roots shall be cut by manually digging a trench and cutting exposed roots with a sharp saw. The Consulting Arborist will identify where root pruning is required.
- If injury should occur to any tree during construction, it should be evaluated as soon as possible by the Consulting Arborist so that appropriate treatments can be applied.
- 5. Prior to grading, pad preparation, excavation for foundations/footings/walls, trenching, trees may require root pruning outside the TREE PROTECTION ZONE by cutting all roots cleanly to the depth of the excavation. Roots shall be cut by manually digging a trench and cutting exposed roots with a sharp saw or other approved root pruning equipment. The Consulting Arborist will identify where root pruning is required.
- 6. No materials, equipment, spoil, waste or wash-out water may be deposited, stored, or parked within the **TREE PROTECTION ZONE** (fenced area).
- Any additional tree pruning needed for clearance during construction must be performed by a Certified Arborist and not by construction personnel.

Summary and Recommendations

Eighty-two (82) trees were assessed in the area of the new Maintenance Building facility including 37 coast live oaks, 30 lilypily, 12 Monterey pines, two Brisbane box, and a single tea tree. No trees met San Mateo County's criterion for Heritage status. Twenty of 82 trees met San Mateo County's criterion for Significant status. Tree condition varied by both species and age. The majority of trees were in either poor (27) or fair (46) condition. Five Monterey pines were dead.

Proposed project plans call for construction of a new facility at the site of the existing one. Most of the assessed trees were located within the project footprint. I recommend preservation of 18 trees and removal of 64.

HortScience, Inc.

James R. Clark, Ph.D.

Certified Arborist WE-0846

Registered Consulting Arborist #357

ATTACHMENTS

Tree Assessment Form

Tree Location Map



TREE No.	SPECIES	TRUNK DIAMETER (in.)	SIGNIFICANT TREE ?	CONDITION 0=dead 1=poor 5=excell.	SUITABILITY for PRESERVATION	COMMENTS
1701	Monterey pine	22	Significant	3	Low	Edge of bank; leans E.; codominant trunks @ 25'; 1 stem dominates.
1702	Coast live oak	15,15,11	Significant	3	Low	Multiple attachments @ base; 1 vertical; 2 lean; low & wide.
1703	Monterey pine	52	Significant	3	Low	Codominant trunks @ base; 1 stem x'd @ 7'; Phaeolus conk @ 5'; live stem lost central leader; multiple attachments high in crown; rangy form.
1704	Coast live oak	9,8,4	-	2	Low	Multiple attachments @ base; poor form & structure; suppressed; 2 stems horizontal to S.
1705	Coast live oak	13,12,11	Significant	3	Moderate	Multiple attachments @ base; one-sided to E.; 2 stems vertical; 1 leans E.
1706	Coast live oak	8,8,7,7	(au)	2	Low	Multiple attachments @ base; suppressed; lean flat to S. & E.
1707	Coast live oak	7,6		2	Low	Codominant trunks @ base; suppressed; small sparse crown.
1708	Coast live oak	6		2	Low	Small & sparse.
1709	Coast live oak	9	. 	3	Low	Narrow & upright form; sinuous trunk.
1710	Coast live oak	12	Significant	3	Low	Small high crown; sinuous trunk.
1711	Coast live oak	7	ion and an analysis and	3	Low	Below overhead lines; leans S.
1712	Coast live oak	11	10	3 2	Low	Leans NE. over cart path; codominant trunks @ 7'; trimmed for overhead lines.
1713	Coast live oak	9		3	Low	Rangy form.
1714	Coast live oak	10,10		3	Moderate	Codominant trunks @ 3'; high crown.
1715	Coast live oak	10,6,6	9 7.5 9	3	Low	Multiple attachments @ base; edge; one-sided to N.



TREE No.	SPECIES	TRUNK DIAMETER (in.)	SIGNIFICANT TREE ?	CONDITION 0=dead 1=poor 5=excell.	SUITABILITY for PRESERVATION	COMMENTS
1716	Coast live oak	6		2	Low	Poor form & structure; leans SE.
1717	Coast live oak	6		2	Low	Poor form & structure; leans S.
1718	Coast live oak	7,6		4	Moderate	Codominant trunks @ 1'; short; good canopy.
1719	Coast live oak	6		2	Low	Suppressed; poor form & structure.
1720	Coast live oak	7	-	2	Low	Suppressed; leans SE.
1721	Monterey pine	28	Significant	2	Low	Mid-slope; good form; dying.
1722	Tea tree	10,10,7		3	Low	Sprawling shrub.
1723	Coast live oak	7,7,5,4		3	Low	Tag on fence; multiple attachments @ base; sprawling shrub.
1724	Coast live oak	8,6	: == /:	2	Low	Tag on fence; codominant trunks @ base; suppressed.
1725	Coast live oak	13	Significant	3	Moderate	Tag on fence; 6' behind fence; low & wide; half of canopy extends over fence.
1726	Coast live oak	6	(22)	2	Low	Tag on fence; suppressed.
1727	Monterey pine	16		0		Tag on fence; mower shed; dead.
1728	Monterey pine	28	Significant	2	Low	Tag on fence; mower shed; leaning & one-sided to E.
1729	Monterey pine	24		0		Tag on fence; mower shed; dead.
1730	Coast live oak	9,8,8,6,5,5		4	Moderate	Tag on fence; mower shed; sprawling shrub.
1731	Monterey pine	32		0	(Tag on fence; dead.
1732	Monterey pine	21	Significant	3	Low	Tag on fence; lost central leader high in crown; nice canopy.
1733	Monterey pine	21		0	(100) (110)	Tag on fence; dead.
1734	Monterey pine	24	Significant	3	Low	One-sided to S.; top thinning; sinuous trunk.
1735	Coast live oak	9,6	55	2	Low	Codominant trunks @ base; suppressed.



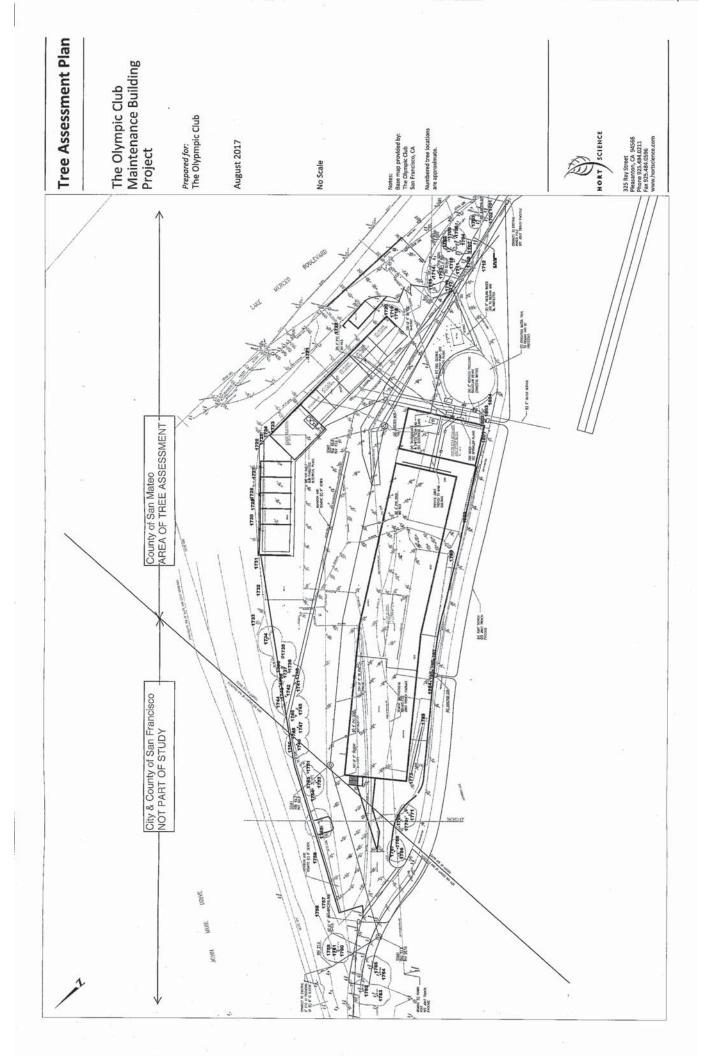
TREE No.	SPECIES	TRUNK DIAMETER (in.)	ETER TREE 0=dead for		COMMENTS	
1736	Coast live oak	9,7,6		2	Low	Codominant trunks @ base & 3'; suppressed.
1737	Coast live oak	8,6,5		2	Low	Multiple attachments @ base; suppressed.
1738	Coast live oak	10,5,4,4		2	Low	Multiple attachments @ base; suppressed.
1739	Coast live oak	15,14,14,12,1 2,5	Significant	4	Moderate	Multiple attachments @ base; mix of vertical & leaning stems; canopy extends into project area.
1740	Coast live oak	14	Significant	3	Low	One-sided to SW.; small crown; over project area; trunk wounds.
1741	Coast live oak	15	Significant	3	Low	High rangy crown; edge of project area.
1742	Coast live oak	8,8,6	===	2	Low	Multiple attachments @ base; suppressed; 6" very large trunk wound.
1743	Monterey pine	16	Significant	3	Low	One-sided to S.; lost central leader high in crown.
1744	Monterey pine	13		0		Dead.
1745	Coast live oak	10	==	3	Low	Small tree; canopy extends into project area.
1746	Coast live oak	12,7,6,4	Significant	3	Moderate	Multiple attachments @ base; 12" dominates with most of canopy over project area.
1747	Coast live oak	9	22 2	2	Low	Suppressed; poor form & structure.
1769	Coast live oak	21	Significant	3	Moderate	Side-trimmed for overhead lines; one-sided & leans S.; okay tree.
1770	Coast live oak	13	Significant	2	Low	Leans S.; base outside of dripline; sweeps vertical @ tips.
1771	Coast live oak	7	0229	2	Low	Suppressed.
1772	Lilypily	9,8,7,6		3	Low	W. end of long row; multiple attachments @ base.
1773	Lilypily	10	(3==)	3	Low	Long row.
1774	Lilypily	9): 4-1):	3	Low	Long row; codominant trunks @ 6'.
1775	Lilypily	9,7	-	3	Low	Long row; codominant trunks @ base.



TREE No.	SPECIES	TRUNK DIAMETER (in.)	SIGNIFICANT TREE ?	CONDITION 0=dead 1=poor 5=excell.	SUITABILITY for PRESERVATION	COMMENTS
1776	Lilypily	12	Significant	3	Low	Long row; multiple attachments @ 3'.
1777	Lilypily	10		3	Low	Long row; codominant trunks @ 4'.
1778	Lilypily	9		2	Low	Long row; codominant trunks @ 4"; poor form & structure.
1779	Lilypily	8,7	22	3	Low	Long row; codominant trunks @ base.
1780	Lilypily	9		2	Low	Long row; bowed N.; poor form & structure.
1781	Lilypily	7,5		3	Low	Long row; codominant trunks @ base.
1782	Lilypily	6,4,4,3	10	2	Low	Long row; multiple attachments @ 1'.
1783	Lilypily	8,7,6,6	1.555	2	Low	E. end of long row; multiple attachments @ 1'; both 8" stems have trunk wounds.
1784	Lilypily	14	Significant	3	Low	Middle group; multiple attachments @ 4'.
1785	Lilypily	7,5	0==(2	Low	Middle group; codominant trunks @ 1'; separated.
1786	Lilypily	7,6,5	(==	3	Low	Middle group; multiple attachments @ base.
1787	Lilypily	7,6,6,5,5		3	Low	Middle group; multiple attachments @ base.
1788	Lilypily	9		3	Low	Middle group.
1789	Lilypily	10	-	3	Low	E. group; multiple attachments @ 4'.
1790	Lilypily	6,4		. 3	Low	E. group; codominant trunks @ 4'.
1791	Lilypily	7	5 55 5	3	Low	E. group.
1792	Lilypily	7,6	-	3	Low	E. group; codominant trunks @ 4'.
1793	Lilypily	7,7,4,3		3	Low	E. group; multiple attachments @ 4'.
1794	Lilypily	7		3	Low	E. group; codominant trunks @ 3'.
1795	Lilypily	7,5		3	Low	E. group.
1796	Lilypily	6		3	Low	E. group.
1797	Lilypily	7,3		3	Low	E. group; codominant trunks @ base.
1798	Lilypily	8,6	(55)	3	Low	E. group; codominant trunks @ 3'.



TREE No.			SIGNIFICANT TREE ?	CONDITION 0=dead 1=poor 5=excell.	SUITABILITY for PRESERVATION	COMMENTS
1799	Lilypily	8,7	##(2	Low	E. group; multiple attachments @ 1'; 3rd stem x'd leaving large wound.
1800	Lilypily	10,6,5,4		3	Low	E. group; multiple attachments @ 3'.
1801	Lilypily	8,7		3	Low	E. group; codominant trunks @ 2'.
1802	Brisbane box	20	Significant	4	Moderate	Codominant trunks @ 51/21; high crown.
1803	Brisbane box	7,5,5,5,4,4,4	5 4.4	3	Low	Multiple attachments @ base.





County of San Mateo - Planning and Building Department

ATTACK MEZI

Environmental Consultants

telephone: (415) 897-8781 fax: (415) 814-4125

July 13, 2018

Pat R. Finlen CGCS The Olympic Club 524 Post Street San Francisco CA 94102

Nesting Raptor/Migratory Bird Survey Maintenance Facility Replacement Project (PLN2017-00484) The Olympic Club Golf Course

Dear Mr. Finlen:

On July 12, 2018, I completed a survey for nesting raptors and other migratory birds at the site of the Olympic Club Golf Course Maintenance Facility Replacement project that is currently under review by the County of San Mateo (PLN2017-00484). The project will result in the removal of several trees on the site and the survey was conducted to comply with the Migratory Bird Treaty Act (16 USC 703) and Section 3503.5 of the California Fish and Game Code. These regulations protect the nests and eggs of raptors and other migratory birds by prohibiting removal and/or disturbance of an active nest. Following is a description of the methods and results of the survey.

Methods

The survey was conducted on the morning of July 12, 2018 and was focused on the trees slated for removal as shown on the Tree Protection Plan prepared by Hort Science (August 2017). All trees slated for removal and trees within 100 feet of the project area were systematically surveyed for nests or signs of nest activity. The tree canopy was observed from appropriate vantage points using high powered binoculars (10x50 wide angle) and examined from below to detect any nests or bird activity. The ground was also searched for signs of recent nesting activity (whitewash, downy feathers). Where nests were detected, observations were made from an appropriate vantage point for a sufficient duration of time to determine activity.

Results

No active nests of raptors or migratory birds were detected in any of the trees to be removed for the project or in any of the larger trees to be retained within the project area. I did find a nest in one of the coast live oak trees to be removed (1754) but it was not active and appeared to be relatively old. Several common avian species were observed in the area; bushtit, titmouse, stellar jay, Eurasian collared dove, crow. A red-shouldered hawk was heard calling in the distance but was not observed in the project area.

Based on the results of the survey, and the fact that it is nearing the end of the nesting season (typically February 1 through August 31 in this area), I am confident there are no active raptor or migratory bird nests within any of the trees to be removed for the maintenance facility project at this time. Therefore, tree removal can proceed and should start prior to next January to ensure no new nest attempts are initiated. If the trees are not removed prior to next January, another nesting survey is warranted and should be conducted within 30 days of tree removal.

Should you have any questions regarding the survey, please don't hesitate to call me.

Sincerely,

Leslie Zander

Principal Biologist

Kuslii Zandin

County of San Mateo - Planning and Building Department

PLACHMENT

The Olympic Club - Maintenance Facility Replacement



Current Condition



After demolition of existing buildings and construction of new building



After demolition of existing buildings, construction of new building and removal of trees

County of San Mateo - Planning and Building Department

PHACHMENT

COUNTY OF SAN MATEO, PLANNING AND BUILDING DEPARTMENT

NOTICE OF INTENT TO ADOPT MITIGATED NEGATIVE DECLARATION

A notice, pursuant to the California Environmental Quality Act of 1970, as amended (Public Resources Code 21,000, et seq.), that the following project: <u>New Maintenance Building</u>, when adopted and implemented, will not have a significant impact on the environment.

FILE NO.: PLN 2017-00484

OWNER/APPLICANT: Todd Wright/Olympic Club

ASSESSOR'S PARCEL NOs.: 002-012-060 and 002-012-050

LOCATION: 599 Skyline Boulevard, Unincorporated Daly City, California

PROJECT DESCRIPTION

The applicant is proposing to construct a new 27,389 sq. ft. maintenance building, a new 1,350 sq. ft. storage building, and a new 1,600 chemical storage building to replace five existing buildings located in the same area at the Olympic Club. The Olympic Club is an existing private golf course, which spans the San Mateo County and San Francisco border. For development of the five structures and surface parking lot, 6,000 cubic yards of grading will occur. The project includes the removal of 64 trees around the area of the proposed project.

FINDINGS AND BASIS FOR A NEGATIVE DECLARATION

The Current Planning Section has reviewed the initial study for the project and, based upon substantial evidence in the record, finds that:

- 1. The project will not adversely affect water or air quality or increase noise levels substantially.
- 2. The project will not have adverse impacts on the flora or fauna of the area.
- 3. The project will not degrade the aesthetic quality of the area.
- 4. The project will not have adverse impacts on traffic or land use.
- 5. In addition, the project will not:
 - a. Create impacts which have the potential to degrade the quality of the environment.
 - b. Create impacts which achieve short-term to the disadvantage of long-term environmental goals.
 - c. Create impacts for a project which are individually limited, but cumulatively considerable.

d. Create environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly.

The County of San Mateo has, therefore, determined that the environmental impact of the project is insignificant.

MITIGATION MEASURES included in the project to avoid potentially significant effects:

<u>Mitigation Measure 1</u>: The applicant shall install downward exterior lighting fixtures to ensure that light and glare are directed away from neighboring properties and confined to the site. The building plans shall show the location of all exterior light and cut sheets of the lights shall be provided at the building permit stage.

<u>Mitigation Measure 2</u>: The applicant shall require construction contractors to implement all the Bay Area Air Quality Management District's Basic Construction Mitigation Measures, listed below:

- a. Water all active construction areas at least twice daily.
- b. Water or cover stockpiles of debris, soil, sand, or other materials that can be blown by the wind.
- c. Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least 2 feet of freeboard.
- d. Apply water two times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking, and staging areas at construction sites. Also, hydroseed or apply non-toxic soil stabilizers to inactive construction areas.
- e. Sweep adjacent public streets daily (preferably with water sweepers) if visible soil material is carried onto them.
- f. Enclose, cover, water twice daily, or apply non-toxic soil binders to exposed stockpiles (dirt, sand, etc.).
- g. Limit traffic speeds on unpaved roads within the project parcel to 15 miles per hour.
- h. Install sandbags or other erosion control measures to prevent silt runoff to public roadways and water ways.
- i. Replant vegetation in disturbed areas as quickly as possible.

<u>Mitigation Measure 3</u>: The applicant shall have commenced tree removal of the identified trees prior to January 2019. If tree removal has not commenced by that time, another nesting survey is warranted and should be conducted within 30 days before tree removal.

Mitigation Measure 4:

- a. Any plan affecting trees should be reviewed by the Consulting Arborist with regard to tree impacts. These include, but are not limited to, improvement plans, utility and drainage plans, grading plans, landscape and irrigation plans, and demolition plans.
- b. Include tree trunk locations, canopy limits (driplines) and tree numbers on all plans.

- c. Establish a Tree Protection Zone for trees to be preserved, in which disturbance is permitted. The Tree Protection Zones shall be 1-foot behind the planned edge of grading. No grading, excavation, construction, or storage of materials shall within that zone
- d. Fence trees to completely enclose the Tree Protection Zone prior to demolition, grubbing, or grading. Fences shall be 6-foot chain link or equivalent as approved by the County of San Mateo. Fences are to remain until all construction is completed. Fences may not be relocated or removed without permission of the Consulting Arborist.
- e. The project's security fencing may serve as tree protection fencing along the project permitted.
- f. Other than the planned undergrounding of the existing electrical service, underground utilities such as water and sewer shall be routed around the Tree Protection Zone.
- g. Irrigation systems must be designed so that no trenching will occur within the Tree Protection Zone.
- h. Any herbicides placed under pacing materials must be safe for use around trees and labeled for that use.
- Cap and abandon-in-place all existing underground utilities within the Tree Protection Zone. Removal of utility boxes by hand is acceptable, but no trenching should be performed within the Tree Protection Zone in an effort to remove utilities, irrigation lions, etc.
- j. Trees to be preserved may require punning to provide clearance for construction. Any pruning shall be completed by a Certified Arborist or Tree Worker. Pruning shall adhere to the latest edition of the ANSI Zi33 and A300 standards as well the Best Management Practices – Tree Punning published by the International Society of Arboriculture.
- k. Structures and underground features to be removed within the Tree Protection Zone shall use the smallest equipment and operate from outside the Tree Protection Zone. The consultant shall be on-site during all operations within the Tree Protection Zone to monitor demolition activity.
- I. Any excavation within the dripline or other work expected to encounter tree roots should be approved and monitored by the Consulting Arborist. Roots shall be cut by manually digging a trench and cutting exposed roots with a sharp saw. The Consulting Arborist will identify where root pruning is required.
- m. If injury should occur to any tree during construction, it should be evaluated as soon as possible by the Consulting Arborist so that appropriate treatment can be applied.
- n. Prior to grading, pad preparation, excavation for foundations/footings/walls, trenching, trees may require root pruning outside of the Tree Protection Zones by cutting all roots cleanly to the depth of the excavation. Roots shall be cut by manually digging a trench

- and cutting exposed roots with a sharp saw of other approved root pruning equipment. The Consulting Arborist will identify where root pruning is required.
- o. No materials, equipment, spoil, water, or wash out water may deposited, stored, or parking with the Tree Protection Zone.
- p. The demolition contractor shall meet with the Consulting Arborist before beginning work to discuss work procedures and tree protection.

Mitigation Measure 5: In the event that should cultural, paleontological, or archaeological resources be encountered during site grading or other site work, such work shall immediately be halted in the area of discovery and the project sponsor shall immediately notify the Community Development Director of the discovery. The applicant shall be required to retain the services of a qualified archaeologist for the purpose of recording, protecting, or curating the discovery as appropriate. The cost of the qualified archaeologist and of any recording, protecting, or curating shall be borne solely by the project sponsor. The archaeologist shall be required to submit to the Community Development Director for review and approval a report of the findings and methods of curation or protection of the resources. No further grading or site work within the area of discovery shall be allowed until the preceding has occurred. Disposition of Native American remains shall comply with CEQA Guidelines Section 15064.5(e).

Mitigation Measure 6: Prior to the issuance of the building permit for the property, the applicant shall submit to the Planning Department for review and approval an erosion and drainage control plan that shows how the transport and discharge of soil and pollutants from and within the project site shall be minimized. The plan shall be designed to minimize potential sources of sediment, control the amount of runoff and its ability to carry sediment by diverting incoming flows and impeding internally generated flows, and retain sediment that is picked up on the project site through the use of sediment-capturing devices. The plan shall also limit application, generation, and migration of toxic substances, ensure the proper storage and disposal of toxic materials, and apply nutrients at rates necessary to establish and maintain vegetation without causing significant nutrient runoff to surface waters. Said plan shall adhere to the San Mateo Countywide Stormwater Pollution Prevention Program "General Construction and Site Supervision Guidelines," including:

- a. Sequence construction to install sediment-capturing devices first, followed by runoff control measures and runoff conveyances. No construction activities shall begin until after all proposed measures are in place.
- b. Minimize the area of bare soil exposed at one time (phased grading).
- c. Clear only areas essential for construction.
- d. Within five (5) days of clearing or inactivity in construction, stabilize bare soils through either non-vegetative best management practices (BMPs), such as mulching, or vegetative erosion control methods, such as seeding. Vegetative erosion control shall be established within two (2) weeks of seeding/planting.
- e. Construction entrances shall be stabilized immediately after grading and frequently maintained to prevent erosion and to control dust.

- f. Control wind-born dust through the installation of wind barriers such as hay bales and/or sprinkling.
- g. Soil and/or other construction-related material stockpiled on-site shall be placed a minimum of 200 feet from all wetlands and drain courses. Stockpiled soils shall be covered with tarps at all times of the year.
- h. Intercept runoff above disturbed slopes and convey it to a permanent channel or storm drains by using earth dikes, perimeter dikes or swales, or diversions. Use check dams where appropriate.
- i. Provide protection for runoff conveyance outlets by reducing flow velocity and dissipating flow energy.
- j. Use silt fence and/or vegetated filter strips to trap sediment contained in sheet flow. The maximum drainage area to the fence should be 0.5 acres or less per 100 feet of fence. Silt fences shall be inspected regularly and sediment removed when it reaches 1/3 the fence height. Vegetated filter strips should have relatively flat slopes and be vegetated with erosion-resistant species.
- k. Throughout the construction period, the applicant shall conduct regular inspections of the condition and operational status of all structural BMPs required by the approved erosion control plan.
- I. No erosion or sediment control measures will be placed in vegetated areas.
- m. Environmentally sensitive areas shall be delineated and protected to prevent construction impacts.
- n. Control of fuels and other hazardous materials, spills, and litter during construction.
- o. Preserve existing vegetation whenever feasible.

<u>Mitigation Measure 7</u>: The applicant shall implement the following basic construction measures at all times:

- a. Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California Airborne Toxic Control Measure, Title 13, Section 2485 of the California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.
- All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified visible emissions evaluator.
- c. Post a publicly visible sign with the telephone number and person to contact at the lead agency regarding dust complaints. This person, or his/her designee, shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.

<u>Mitigation Measure 8</u>: Noise sources associated with demolition, construction, repair, remodeling, or grading of any real property shall be limited to the hours from 7:00 a.m. to 6:00 p.m., weekdays and 9:00 a.m. to 5:00 p.m., Saturdays. Said activities are prohibited on Sundays, Thanksgiving, and Christmas (San Mateo Ordinance Code Section 4.88.360).

<u>Mitigation Measure 9</u>: Should any traditionally or culturally affiliated Native American tribe respond to the County's issued notification for consultation, such process shall be completed and any resulting agreed upon measures for avoidance and preservation of identified resources shall be taken prior to implementation of the project.

<u>Mitigation Measure 10</u>: In the event that tribal cultural resources are inadvertently discovered during project implementation, all work shall stop until a qualified professional can evaluate the find and recommend appropriate measures to avoid and preserve the resource in place, or minimize adverse impacts to the resource, and those measures shall be approved by the Current Planning Section prior to implementation and continuing any work associated with the project.

<u>Mitigation Measure 11</u>: Any inadvertently discovered tribal cultural resources shall be treated with culturally appropriate dignity taking into account the tribal cultural values and meaning of the resource including, but not limited to, protecting the cultural character and integrity of the resource, protecting the traditional use of the resource, and protecting the confidentiality of the resource.

RESPONSIBLE AGENCY CONSULTATION: None

<u>INITIAL STUDY</u>

The San Mateo County Current Planning Section has reviewed the Environmental Evaluation of this project and has found that the probable environmental impacts are insignificant, as mitigated. A copy of the initial study is attached.

REVIEW PERIOD: August 8, 2018 to August 28, 2018

All comments regarding the correctness, completeness, or adequacy of this Mitigated Negative Declaration must be received by the County Planning and Building Department, 455 County Center, Second Floor, Redwood City, no later than **5:00 p.m. August 28, 2018**.

CONTACT PERSON

Rob Bartoli, Project Planner 650/363-1857 rbartolir@smcgov.org

Rob Bartoli, Project Planner	

RB:pac - RJBCC0323_WPH.DOCX

County of San Mateo Planning and Building Department

INITIAL STUDY ENVIRONMENTAL EVALUATION CHECKLIST

(To Be Completed by Planning Department)

1. **Project Title:** Maintenance Building

2. County File Number: PLN 2017-00484

- 3. **Lead Agency Name and Address:** San Mateo County Planning and Building Department, 455 County Center, 2nd Floor, Redwood City, CA 94063
- 4. **Contact Person and Phone Number:** Rob Bartoli, 650/363-1857
- 5. **Project Location:** 599 Skyline Boulevard, Unincorporated Daly City
- 6. **Assessor's Parcel Number(s) and Size of Parcel:** 002-012-060 (2.19 acres) and 002-012-050 (137 acres)
- 7. Project Sponsor's Name and Address:

Todd Wright 5801 Christie Avenue, Suite 680 Emeryville, CA 94608

- 8. **General Plan Designation:** Private Recreation Urban
- 9. **Zoning:** RM-CZ/CD (Resource Management Coastal Zone/Coastal Development) and RE/S-9 (Residential Estates/Minimum 10,000 sq. ft. lot size)
- 10. **Description of the Project:** The applicant is proposing to construct a new 27,389 sq. ft. maintenance building, a new 1,350 sq. ft. storage building, and a new 1,600 sq. ft. chemical storage building to replace five existing buildings located in the same area at the Olympic Club. The Olympic Club is a golf course which spans the San Mateo County-San Francisco boundary. The existing fueling facility, equipment washing area, and bulk sand storage area will also be relocated. The project included 6,000 cubic yards of grading and the removal of 64 trees.
- 11. **Surrounding Land Uses and Setting:** The project parcel is accessed via a driveway located off of Lake Merced Boulevard. The Olympic Club facilities are the north, south, and west of the project area. The east property lines abuts Lake Merced Boulevard. Single-family neighborhoods, which are within the city limits of the City of Daly City, are located across Lake Merced Boulevard and at the southern property line.
- 12. Other Public Agencies Whose Approval is Required: None
- 13. Have California Native American tribes, traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code

Section 21080.3.1? If so, has consultation begun?: The County of San Mateo has not received any requested consultations pursuant to Public Resources Code Section 21080.1.1.

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" or "Significant Unless Mitigated" as indicated by the checklist on the following pages.

X	Aesthetics		Hazards and Hazardous Materials		Recreation
	Agricultural and Forest Resources		Hydrology/Water Quality		Transportation/Traffic
X	Air Quality		Land Use/Planning	Х	Tribal Cultural Resources
	Biological Resources		Mineral Resources		Utilities/Service Systems
X	Cultural Resources	Х	Noise		Mandatory Findings of Significance
X	Geology/Soils		Population/Housing		
Χ	Climate Change		Public Services		

EVALUATION OF ENVIRONMENTAL IMPACTS

- 1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
- 2. All answers must take account of the whole action involved, including off-site as well as onsite, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- 3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
- 4. "Negative Declaration: Less Than Significant with Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from "Earlier Analyses," as described in 5. below, may be cross-referenced).

- 5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration (Section 15063(c)(3)(D)). In this case, a brief discussion should identify the following:
 - a. Earlier Analysis Used. Identify and state where they are available for review.
 - b. Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
 - c. Mitigation Measures. For effects that are "Less Than Significant with Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
- 6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
- 7. Supporting Information Sources. Sources used or individuals contacted should be cited in the discussion.

1.	AESTHETICS. Would the project:				
		Potentially Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact
1.a.	Have a significant adverse effect on a scenic vista, views from existing residential areas, public lands, water bodies, or roads?			Х	

Discussion: The new maintenance buildings will be located over 60 feet away from the east (along Lake Merced Boulevard) property line. The existing buildings on the property are currently screened from public view by vegetation and the existing topography. While grading is proposed as part of the project, the area that will be grading will be limited to the area where the buildings are located and will not impact the topography that screens the buildings. The majority of the trees along the eastern property are proposed to be maintained to continue to screen the structures. The project does include the removal of 64 trees with in the project area. However, visual simulations showing the proposed buildings and the tree removal still provides screening for the structures. No changes to the existing water tank, which is visible from Lake Merced Boulevard, are proposed. The project will not introduce any new uses to the property. Due to the nature of the structures and site, the visual impact is less than significant.

Source: Project Plans, County Maps, Visual Simulation from Applicant dated June 19, 2018.

1.b.	Significantly damage or destroy scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?				Х					
is dev structor The m The p	Discussion: There are no rock outcroppings to be disturbed as part of this project. The property is developed with a number of structures; however, per review of historical aerial photographs, the structures on the property that are proposed for removal were not on the property as late as 1947. The maintenance buildings do not have historical qualities as they have been altered over time. The project is not within a State-designated Scenic Corridor. Source: Project Plans, County Maps Aerial Photographic.									
1.c.	Significantly degrade the existing visual character or quality of the site and its surroundings, including significant change in topography or ground surface relief features, and/or development on a ridgeline?			X						
	Discussion: See the discussion provided to Question 1.a. above. Source: Project Plans.									
1.d.	Create a new source of significant light or glare that would adversely affect day or nighttime views in the area?		Х							
Discussion: The new maintenance buildings will not create a new source of significant light or glare. The new units will be screened by vegetation and existing structures from neighboring properties, so any light produced from the use of these buildings will be lessened by the screening. The development is located in an urbanized area and any light produced by the use would not adversely impact day or nighttime views. The following mitigation measure has been included in order to reduce potential impacts from light and glare to a less than significant level: Mitigation Measure 1: The applicant shall install downward exterior lighting fixtures to ensure that light and glare are directed away from neighboring properties and confined to the site. The building plans shall show the location of all exterior light and cut sheets of the lights shall be provided at the building permit stage.										
Sourc	ce: Project Description and Project Plans.									
1.e.	Be adjacent to a designated Scenic Highway or within a State or County Scenic Corridor?				Х					
Count	Discussion: The project site is not adjacent to a designated Scenic Highway or within a State or County Scenic Corridor. Source: County Maps.									

1.f.	If within a Design Review District, conflict with applicable General Plan or Zoning Ordinance provisions?				Х	
confli	ussion: The subject site is not located in a ct with applicable General Plan or Zoning County Mana			trict and does	not	
Sour	ce: County Maps.	Т	Т	Т		
1.g.	Visually intrude into an area having natural scenic qualities?			Х		
Discu	ussion: See the discussion provided to Qu	uestion 1.a. ab	ove.			
Sour	ce: County Maps.					
2.	AGRICULTURAL AND FOREST RESOURCES. In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the State's inventory of forestland, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:					
		Potentially Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact	
2.a.	For lands outside the Coastal Zone, convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				Х	
	ussion: The parcel on which the proposed uestion is not relevant to this project at this		ated within the	Coastal Zone	e, thus,	
Sour	ce: County Maps.					
2.b.	Conflict with existing zoning for agricultural use, an existing Open Space Easement, or a Williamson Act contract?				Х	

or Ope	Discussion: The property is utilized for a golf course and is not under a Williamson Act contract or Open Space Easement. No agricultural uses occur on the property or adjacent properties. Source: Zoning Maps and Williamson Act Index.								
2.c.	Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to nonagricultural use or conversion of forestland to non-forest use?				X				
native for ma biodive the co the are	Discussion: The definition of forestland (PRC Section 12220(g)) is "land that can support 10% native tree cover of any species, including hardwoods, under natural conditions, and that allows for management of one or more forest resources, including timber, aesthetics, fish and wildlife, biodiversity, water quality, recreation, and other public benefits." The subject area proposed for the construction of the new maintenance buildings does not meet the definition of forestland, as the area of trees to be removed is less than 3 acres. This project area is already developed with several buildings and a parking lot. The maintenance area is adjacent to an existing golf course.								
Gener	oject site is not considered to be Prime Agal Plan as soils in the project area do not rating from the Natural Resources Conser	have a Land C	Classification of						
Sourc Map.	e: Zoning Maps, Department of Conserva	ation San Mate	eo County Imp	ortant Farmla	nd 2014				
2.d.	For lands within the Coastal Zone, convert or divide lands identified as Class I or Class II Agriculture Soils and Class III Soils rated good or very good for artichokes or Brussels sprouts?				X				
Conse Class Brusse	Discussion: The subject parcel is located within the Coastal Zone. The Natural Resources Conservation Service has classified the project site as containing soils that are not identified as Class I or Class II Agriculture Soils, or Class III Soils rated good or very good for artichokes or Brussels sprouts. The project site is located in an urbanized area that has not historically been used as farmland.								
	Source: Zoning Maps, Natural Resources Conservation Service, San Mateo County General Plan Productive Soil Resources Soils with Agricultural Capability Map.								
2.e.	Result in damage to soil capability or loss of agricultural land?				Χ				
	ssion: The project area is considered to County General Plan. Agricultural uses h								
	Source: Zoning Maps, Natural Resources Conservation Service, San Mateo County General Plan Productive Soil Resources Soils with Agricultural Capability Map.								

economic impact of converting forestland to a non- timber harvesting use.	2.f.	Conflict with existing zoning for, or cause rezoning of, forestland (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))? Note to reader: This question seeks to address the economic impact of converting forestland to a non-timber harvesting use		X
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Discussion: The site is not in or near a Timberland Preserve Zoning District and no rezoning is proposed. The project site is zoned Resource Management-Coastal Zone/Coastal Development. A golf course and associated maintenance facility is an allowed use in the RM-CZ Zoning District subject to the approval of a Use Permit and Coastal Development Permit and any other applicable land use permits.

Source: San Mateo County Zoning Maps, San Mateo County Zoning Regulations.

3. AIR QUALITY. Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

	Potentially Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact
3.a. Conflict with or obstruct implementation of the applicable air quality plan?		X		

Discussion: The Bay Area 2010 Clean Air Plan (CAP), developed by the Bay Area Air Quality Management District (BAAQMD), is the applicable air quality plan for San Mateo County. The CAP was created to improve Bay Area air quality and to protect public health and climate.

The project would not conflict with or obstruct the implementation of the BAAQMD's 2010 CAP. The project and its operation involve minimal hydrocarbon (carbon monoxide; CO2) air emissions, whose source would be from trucks and equipment (whose primary fuel source is gasoline) during its construction. The impact from the occasional and brief duration of such emissions would not conflict with or obstruct the Bay Area Air Quality Plan. Regarding emissions from construction vehicles (employed at the site during the project's construction), the following mitigation measure is recommended to ensure that the impact from such emissions is less than significant:

<u>Mitigation Measure 2</u>: The applicant shall require construction contractors to implement all the Bay Area Air Quality Management District's Basic Construction Mitigation Measures, listed below:

- a. Water all active construction areas at least twice daily.
- b. Water or cover stockpiles of debris, soil, sand, or other materials that can be blown by the wind.

- c. Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least 2 feet of freeboard.
- d. Apply water two times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking, and staging areas at construction sites. Also, hydroseed or apply non-toxic soil stabilizers to inactive construction areas.
- e. Sweep adjacent public streets daily (preferably with water sweepers) if visible soil material is carried onto them.
- f. Enclose, cover, water twice daily, or apply non-toxic soil binders to exposed stockpiles (dirt, sand, etc.).
- g. Limit traffic speeds on unpaved roads within the project parcel to 15 miles per hour.
- h. Install sandbags or other erosion control measures to prevent silt runoff to public roadways and water ways.
- i. Replant vegetation in disturbed areas as quickly as possible.

Please also see the discussion to Question 7.1. (Climate Change; Greenhouse Gas Emissions), relative to the project's compliance with the County Energy Efficiency Climate Action Plan.

Source: BAAQMD, Sustainable San Mateo Indicators Project.

3.b.	Violate any air quality standard or	Х	
	contribute significantly to an existing or		
	projected air quality violation?		

Discussion: The project would not violate any construction-related or operational air quality standard or contribute significantly to an existing or projected air quality violation. See the discussion provided to Question 3.a. and Mitigation Measure 1 above.

Source: BAAQMD, Sustainable San Mateo Indicators Project.

3.c. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable Federal or State ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?

Discussion: The San Francisco Bay Area Air Basin is a State non-attainment area for 1-hour and 8-hour ozone and particulate matter (PM2.5 and PM10). Although the Environmental Protection Agency has ruled that the Bay Area Basin has attained the 2006 national 24-hour PM2.5 standard, the Bay Area is still classified as non-attainment for PM2.5 until such time the area is re-designated by the Environmental Protection Agency.

The impact of the maintenance buildings would not result in a significant impact to air quality in the immediate area or the air basin.

Source: BAAQMD.

3.d.	Expose sensitive receptors to significant pollutant concentrations, as defined by BAAQMD?			Х					
Discussion: The project site is located in an urban area with no sensitive receptors, such as schools, located within the project vicinity. The closet residence is over 160 feet to the east of the property. Therefore, the project would not expose sensitive receptors to significant levels of pollutant concentrations. Source: Project Plans and Google Maps.									
Oodi	GC. 1 Toject 1 lans and Google Maps.								
3.e.	Create objectionable odors affecting a significant number of people?			X					
Discussion: The project, once operational, would not create or generate any odors. The project has the potential to generate odors associated with construction activities. However, any such odors would be temporary and would be expected to be minimal. Construction-related odors would not have a significant impact on large numbers of people over an extended duration of time. Thus, the impact would less than significant. Source: Project Description.									
3.f.	Generate pollutants (hydrocarbon, thermal odor, dust or smoke particulates, radiation, etc.) that will violate existing standards of air quality on-site or in the surrounding area?			X					

Discussion: During project construction, dust could be generated for a short duration. To ensure that the project impact will be less than significant, see Mitigation Measure 2 described in 3.a.

Source: BAAQMD and Project Plans.

4. BIOLOGICAL RESOURCES. Would the project:

		Potentially Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact
4.a.	Have a significant adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?			X	

Discussion: The subject parcel not is mapped for critical habitat for any endangered or protected species. The proposed project is located in a highly disturbed area, as it is already developed with

a structure and lacks riparian vegetation, as there is no nearby water course. The project will have a less than significant impact.

The project includes the removal of 64 trees, 12 of which are larger than 12" in diameter. Eighteen trees in the project area will be retained, 15 of which are Coast Live Oaks. There are also five dead trees which will be removed. A nesting raptor and migratory bird survey was conducted by Leslie Zander, Principal Biologist of Zander Associates on July 13, 2018. The survey found that no active nests of raptors or migratory birds were detected in any of the trees to be removed for the project or in any of the trees that are to remain on the site. One older, non-active nest was found in one of the trees to be removed. Several common avian species were observed in the area; bushtit, titmouse, stellar jay, Eurasian collared dove, crow. A red-shouldered hawk was heard calling in the distance but was not observed in the project area. The nesting raptor and migratory bird survey suggests that tree removal can proceed and should start prior to next January to ensure no new nest attempts are initiated. If the trees are not removed prior to next January, another nesting survey is warranted and should be conducted within 30 days of proposed tree removal. In order to ensure that raptor or migratory bird are not adversely impacted the following mitigation measure is made:

<u>Mitigation Measure 3</u>: The applicant shall have commenced tree removal of the identified trees prior to January 2019. If tree removal has not commenced by that time, another nesting survey is warranted and should be conducted within 30 days before tree removal.

Source: California Natural Diversity Database, California Department of Fish and Game, U.S. Fish and Wildlife Service, Nesting Raptor and Migratory Bird Survey by Leslie Zander, Principal Biologist of Zander Associates on July 13, 2018.

4.b.	Have a significant adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?				X			
	Discussion: No riparian habitats are located on the project site. Source: County Maps and Project Plans.							
4.c.	Have a significant adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				Х			

Discussion: The site does not contain any wetlands. There is no watercourse in the project area.

Source: Project Plans and County Maps.

4.d.	Interfere significantly with the movement of any native resident or migratory fish or wildlife species or with established native resident migratory wildlife corridors, or impede the use of native wildlife nursery sites?			X				
	Discussion: See the discussion provided to Question 4.a. above. Source: Project Description.							
4.e.	Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance (including the County Heritage and Significant Tree Ordinances)?		X					

Discussion: An arborist report was prepared by HortScience, dated August 16, 2017, identified and recommended the removal of 64 trees. Eighteen (18) trees within the project area are proposed to be retained. Of the 64 trees proposed for removal, 48 of them are within the project area, 11 of them are within the area for new utilities, and 5 trees that are dead. The majority of the trees for removal are in poor or fair health. Of the 64 trees, only 12 of the 64 trees are greater than 12" in diameter and are considered Significant Trees under the County's Significant Tree Ordinance. No trees meeting the definition of a Heritage Tree are proposed for removal. The arborist report recommended the following mitigation measures to reduce potential significant impacts:

Mitigation Measure 4:

- a. Any plan affecting trees should be reviewed by the Consulting Arborist with regard to tree impacts. These include, but are not limited to, improvement plans, utility and drainage plans, grading plans, landscape and irrigation plans, and demolition plans.
- b. Include tree trunk locations, canopy limits (driplines) and tree numbers on all plans.
- c. Establish a Tree Protection Zone for trees to be preserved, in which disturbance is permitted. The Tree Protection Zones shall be 1-foot behind the planned edge of grading. No grading, excavation, construction, or storage of materials shall within that zone
- d. Fence trees to completely enclose the Tree Protection Zone prior to demolition, grubbing, or grading. Fences shall be 6-foot chain link or equivalent as approved by the County of San Mateo. Fences are to remain until all construction is completed. Fences may not be relocated or removed without permission of the Consulting Arborist.
- e. The project's security fencing may serve as tree protection fencing along the project permitted.
- f. Other than the planned undergrounding of the existing electrical service, underground utilities such as water and sewer shall be routed around the Tree Protection Zone.
- g. Irrigation systems must be designed so that no trenching will occur within the Tree Protection Zone.
- h. Any herbicides placed under pacing materials must be safe for use around trees and labeled for that use.

- i. Cap and abandon-in-place all existing underground utilities within the Tree Protection Zone. Removal of utility boxes by hand is acceptable, but no trenching should be performed within the Tree Protection Zone in an effort to remove utilities, irrigation lions, etc.
- j. Trees to be preserved may require punning to provide clearance for construction. Any pruning shall be completed by a Certified Arborist or Tree Worker. Pruning shall adhere to the latest edition of the ANSI Zi33 and A300 standards as well the Best Management Practices Tree Punning published by the International Society of Arboriculture.
- k. Structures and underground features to be removed within the Tree Protection Zone shall use the smallest equipment and operate from outside the Tree Protection Zone. The consultant shall be on-site during all operations within the Tree Protection Zone to monitor demolition activity.
- Any excavation within the dripline or other work expected to encounter tree roots should be approved and monitored by the Consulting Arborist. Roots shall be cut by manually digging a trench and cutting exposed roots with a sharp saw. The Consulting Arborist will identify where root pruning is required.
- m. If injury should occur to any tree during construction, it should be evaluated as soon as possible by the Consulting Arborist so that appropriate treatment can be applied.
- n. Prior to grading, pad preparation, excavation for foundations/footings/walls, trenching, trees may require root pruning outside of the Tree Protection Zones by cutting all roots cleanly to the depth of the excavation. Roots shall be cut by manually digging a trench and cutting exposed roots with a sharp saw of other approved root pruning equipment. The Consulting Arborist will identify where root pruning is required.
- o. No materials, equipment, spoil, water, or wash out water may deposited, stored, or parking with the Tree Protection Zone.
- p. The demolition contractor shall meet with the Consulting Arborist before beginning work to discuss work procedures and tree protection.

Source: Project Plans, Project Description, and The Olympic Club Tree Report Maintenance Building Project by HortScience, dated August 16, 2017.

4.f.	Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Conservation Community Plan, other approved local, regional, or State habitat conservation plan?			Х
Natur	ussion: The subject parcel is not encumberal Conservation Community Plan, other appropriate poses no in	proved local,	•	Plan,
Sour	ce: County Maps.			
4.g.	Be located inside or within 200 feet of a marine or wildlife reserve?			Х
<u> </u>				

Discussion: The subject parcel is not located inside or within 200 feet of a marine or wildlife reserve. Thus, the project poses no impact.

Source: County Maps.

4.h.	Result in loss of oak woodlands or other non-timber woodlands?				Х		
Discussion: The project parcel includes no oak woodlands or other timber woodlands. Thus, the project poses no impact.							
Source	Source: Project Plans.						

5.	CULTURAL RESOURCES. Would the project:								
		Potentially Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact				
5.a.	Cause a significant adverse change in the significance of a historical resource as defined in CEQA Section 15064.5?				Х				
by ei	Discussion: Neither the project parcel nor the project site hosts any known historical resources, by either County, State, or Federal listings. Thus, the project poses no impact. Source: California Register of Historical Resources.								
5.b.	Cause a significant adverse change in the significance of an archaeological resource pursuant to CEQA Section 15064.5?		Х						

Discussion: Neither the project parcel nor the project site hosts any known archaeological resources. Per an archaeological resource evaluation submitted by William Roop of Archaeological Resources Service on behalf of the applicant, no Native American prehistoric archaeological sites are present in the upper soils of the project area. The report notes that the maintenance area is not an area of high sensitively to archaeological resources.

However, the following mitigation measure is recommended to ensure that the impact is less than significant:

Mitigation Measure 5: In the event that should cultural, paleontological, or archaeological resources be encountered during site grading or other site work, such work shall immediately be halted in the area of discovery and the project sponsor shall immediately notify the Community Development Director of the discovery. The applicant shall be required to retain the services of a qualified archaeologist for the purpose of recording, protecting, or curating the discovery as appropriate. The cost of the qualified archaeologist and of any recording, protecting, or curating shall be borne solely by the project sponsor. The archaeologist shall be required to submit to the Community Development Director for review and approval a report of the findings and methods of curation or protection of the resources. No further grading or site work within the area of discovery shall be allowed until the preceding has occurred. Disposition of Native American remains shall comply with CEQA Guidelines Section 15064.5(e).

Source: Site Survey and An Archaeological Resources Evaluation of the Olympic Club Maintenance Facility, Olympic Club, Lake Merced Boulevard, San Mateo County, California by William Roop of Archaeological Resources Service, January 31, 2018.

5.c.	Directly or indirectly destroy a unique paleontological resource or site or	Х	
	unique geologic feature?		

Discussion: Neither the project parcel nor the project site hosts any known paleontological resources, sites, or geologic features. However, Mitigation Measure 5 (as cited above) is added to ensure that the impact is less than significant.

Source: Site Survey and An Archaeological Resources Evaluation of the Olympic Club Maintenance Facility, Olympic Club, Lake Merced Boulevard, San Mateo County, California by William Roop of Archaeological Resources Service, January 31, 2018.

5.d.	Disturb any human remains, including	Χ	
	those interred outside of formal		
	cemeteries?		

Discussion: No known human remains are located within the project area. The nearest known and still existing cemetery is over 1-mile from the project site. In case of accidental discovery, Mitigation Measure 5 is recommended.

Source: Site Survey and An Archaeological Resources Evaluation of the Olympic Club Maintenance Facility, Olympic Club, Lake Merced Boulevard, San Mateo County, California by William Roop of Archaeological Resources Service, January 31, 2018.

6. GEOLOGY AND SOILS. Would the project:

		Potentially Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact
6.a.	Expose people or structures to potential significant adverse effects, including the risk of loss, injury, or death involving the following, or create a situation that results in:				
	i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other significant evidence of a known fault? Note: Refer to Division of Mines and Geology				Х
	evidence of a known fault?				

Discussion: The site is not within the area delineated on the Alquist-Priolo Earthquake Fault Zoning Map.

Source: Alguist-Priolo Earthquake Fault Zoning Map.

ii. Strong seismic ground shaking?			Х				
Discussion: The project area is located within the Violent shaking scenario for a Probabilistic Seismic Hazard event. The principal concern related to human exposure to ground shaking is that it can result in structural damage, potentially jeopardizing the safety of persons occupying the structures. However, the project would be designed and constructed to meet or exceed relevant standards and codes. In the event that the project is required by the County to prepare a site-specific geotechnical report, the applicant would implement any recommendations identified (or would implement comparable measures) for the construction of the new maintenance buildings. Therefore, impacts related to strong seismic ground shaking would be less than significant. Source: Association of Bay Area Governments (ABAG) Earthquake Shaking Potential Map.							
iii. Seismic-related ground failure, including liquefaction and differential settling?			Х				
Discussion: The property has been determined by the ABAG to be at high risk for liquefaction during a seismic event. However, the project would be designed and constructed to meet or exceed relevant standards and codes. In the event that the project is required by the County to prepare a site-specific geotechnical report, the applicant would implement any recommendations identified (or would implement comparable measures) for the construction of the new maintenance buildings. Therefore, impacts related to liquefaction or seismic-related ground failure would be less than significant. Source: ABAG Earthquake Liquefaction Scenarios Map.							
iv. Landslides?			Х				
Discussion: The project site is located in an area determined to be low susceptible to landslides. Source: San Mateo County Landslide Risk Map.							
v. Coastal cliff/bluff instability or erosion? Note to reader: This question is looking at instability under current conditions. Future, potential instability is looked at in Section 7 (Climate Change).				Х			
Discussion: The site is not on a coastal bluff or cliff. The project site is located approximately 0.8 miles from the coast. Source: San Mateo County maps							
6.b. Result in significant soil erosion or the loss of topsoil?		Х					
Discussion: The project would involve 6,000 cubic yards of grading. Relative to potential erosion during project construction activity, the following mitigation measure is recommended to ensure that the impact is less than significant: Mitigation Measure 6: Prior to the issuance of the building permit for the property, the applicant shall submit to the Planning Department for review and approval an erosion and drainage control plan that shows how the transport and discharge of soil and pollutants from and within the project							

site shall be minimized. The plan shall be designed to minimize potential sources of sediment, control the amount of runoff and its ability to carry sediment by diverting incoming flows and impeding internally generated flows, and retain sediment that is picked up on the project site through the use of sediment-capturing devices. The plan shall also limit application, generation, and migration of toxic substances, ensure the proper storage and disposal of toxic materials, and apply nutrients at rates necessary to establish and maintain vegetation without causing significant nutrient runoff to surface waters. Said plan shall adhere to the San Mateo Countywide Stormwater Pollution Prevention Program "General Construction and Site Supervision Guidelines," including:

- Sequence construction to install sediment-capturing devices first, followed by runoff control measures and runoff conveyances. No construction activities shall begin until after all proposed measures are in place.
- b. Minimize the area of bare soil exposed at one time (phased grading).
- c. Clear only areas essential for construction.
- d. Within five (5) days of clearing or inactivity in construction, stabilize bare soils through either non-vegetative best management practices (BMPs), such as mulching, or vegetative erosion control methods, such as seeding. Vegetative erosion control shall be established within two (2) weeks of seeding/planting.
- e. Construction entrances shall be stabilized immediately after grading and frequently maintained to prevent erosion and to control dust.
- f. Control wind-born dust through the installation of wind barriers such as hay bales and/or sprinkling.
- g. Soil and/or other construction-related material stockpiled on-site shall be placed a minimum of 200 feet from all wetlands and drain courses. Stockpiled soils shall be covered with tarps at all times of the year.
- h. Intercept runoff above disturbed slopes and convey it to a permanent channel or storm drains by using earth dikes, perimeter dikes or swales, or diversions. Use check dams where appropriate.
- i. Provide protection for runoff conveyance outlets by reducing flow velocity and dissipating flow energy.
- j. Use silt fence and/or vegetated filter strips to trap sediment contained in sheet flow. The maximum drainage area to the fence should be 0.5 acres or less per 100 feet of fence. Silt fences shall be inspected regularly and sediment removed when it reaches 1/3 the fence height. Vegetated filter strips should have relatively flat slopes and be vegetated with erosion-resistant species.
- k. Throughout the construction period, the applicant shall conduct regular inspections of the condition and operational status of all structural BMPs required by the approved erosion control plan.
- I. No erosion or sediment control measures will be placed in vegetated areas.
- m. Environmentally sensitive areas shall be delineated and protected to prevent construction impacts.
- n. Control of fuels and other hazardous materials, spills, and litter during construction.
- Preserve existing vegetation whenever feasible.

Source: Project Description.

that is unsta poter lands subsi	ocated on a geologic unit or soil is unstable, or that would become able as a result of the project, and initially result in on- or off-site slide, lateral spreading, idence, severe erosion, faction or collapse?			Х		
Discussion: The property has been determined by the Association of Bay Area Governments (ABAG) to be at low risk for liquefaction during a seismic event. All construction will be reviewed by the County Geologist. In the event that the project is required by the County to prepare a site-specific geotechnical report, the applicant would implement any recommendations identified (or would implement comparable measures). Therefore, impacts related to expansive soils would be less than significant. Source: ABAG Maps.						
in the	ocated on expansive soil, as noted e 2016 California Building Code, ting significant risks to life or erty?			Х		
Discussion: The principal concern related to expansive soil is that it can result in structural damage, potentially jeopardizing the safety of persons around the structures. However, all new facilities would be designed and constructed to meet or exceed relevant standards and codes. In the event that the project is required by the County to prepare a site-specific geotechnical report, the applicant would implement any recommendations identified (or would implement comparable measures). Therefore, impacts related to expansive soils would be less than significant. Source: California Building Code.						
suppo alterr syste availa	e soils incapable of adequately orting the use of septic tanks or native wastewater disposal ems where sewers are not able for the disposal of ewater?				Х	
Discussion: The project will utilize an existing sewer connection from the North San Mateo County Sanitation District (City of Daly City), which has conditionally approved the project. Therefore, there would be no impact. Source: Project Description.						

7. **CLIMATE CHANGE**. Would the project: Potentially Significant Less Than Significant Unless Significant No Impacts Mitigated Impact **Impact** 7.a. Generate greenhouse gas (GHG) Χ emissions (including methane), either directly or indirectly, that may have a significant impact on the environment?

Discussion: Greenhouse Gas Emissions (GHE) includes CO₂ emissions from vehicles and machines that are fueled by gasoline. The construction of the maintenance buildings would involve some vehicles during construction and residents in vehicles making traveling to and from the unit. Even assuming construction vehicles and workers are based in and traveling from distant locations, the potential project GHG emission levels from construction would be considered minimal. Although the project scope is not likely to generate significant amounts of greenhouse gases, Mitigation Measure 2 is recommended for the project.

Source: Project Scope.

7.b.	Conflict with an applicable plan (including a local climate action plan), policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	X	
	greennouse gases?		

Discussion: This project does not conflict with the County of San Mateo Energy Efficiency Climate Action Plan (EECAP). However, the following mitigation measure is recommended as outlined in the EECAP.

<u>Mitigation Measure 7</u>: The applicant shall implement the following basic construction measures at all times:

- a. Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California Airborne Toxic Control Measure, Title 13, Section 2485 of the California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.
- b. All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified visible emissions evaluator.
- c. Post a publicly visible sign with the telephone number and person to contact at the lead agency regarding dust complaints. This person, or his/her designee, shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.

Source: EECAP.

7.c. Result in the loss of forestland or conversion of forestland to non-forest use, such that it would release significant would release significant would release significant preduce GHG sequestering? Discussion: The definition of forestland (PRC Section 12220(g)) is "land that can support 10% native tree cover of any species, including hardwoods, under natural conditions, and that allows for management of one or more forest resources, including timber, aesthetics, fish and wildlife, biodiversity, water quality, recreation, and other public benefits." The project includes the removal of 64 trees, 12 of which are larger than 12" in diameter. Eighteen trees in the project area will be retained, 15 of which are Coast Live Oaks. The subject area proposed for the construction of the new maintenance buildings does not meet the definition of forestland, as the area of trees to be removed is less than 3 acres. This project area is already developed with several buildings and a parking lot. The maintenance area is adjacent to an existing golf course. While there are trees on the site, the project site does not host any such forest canopy defined by PRC Section 12220(g). Thus, the project poses no impact. Source: Planning Maps. 7.d. Expose new or existing structures and/or infrastructure (e.g., leach fields) to accelerated coastal cliff/bluff erosion due to rising sea levels? Discussion: The project site is not located along a coastal cliff or bluff which would be at risk due to rising sea level. Source: San Mateo County Maps. 7.e. Expose people or structures to a significant risk of loss, injury or death involving sea level rise? Discussion: The site is not on the coast and would not expose structures or infrastructure to accelerated costal cliff/bluff erosion due to sea level rise. The project site is located approximately 0.8 miles inland from the Pacific Ocean. Thus, the project poses no impact. Source: San Mateo County Maps 7.f. Place structures within an anticipated 100-year flood hazard area as mapped on								
native tree cover of any species, including hardwoods, under natural conditions, and that allows for management of one or more forest resources, including timber, aesthetics, fish and wildlife, biodiversity, water quality, recreation, and other public benefits." The project includes the removal of 64 trees, 12 of which are larger than 12" in diameter. Eighteen trees in the project area will be retained, 15 of which are Coast Live Oaks. The subject area proposed for the construction of the new maintenance buildings does not meet the definition of forestland, as the area of trees to be removed is less than 3 acres. This project area is already developed with several buildings and a parking lot. The maintenance area is adjacent to an existing golf course. While there are trees on the site, the project site does not host any such forest canopy defined by PRC Section 12220(g). Thus, the project poses no impact. Source: Planning Maps. 7.d. Expose new or existing structures and/or infrastructure (e.g., leach fields) to accelerated coastal cliff/bluff erosion due to rising sea level. Source: San Mateo County Maps. 7.e. Expose people or structures to a significant risk of loss, injury or death involving sea level rise? Discussion: The site is not on the coast and would not expose structures or infrastructure to accelerated costal cliff/bluff erosion due to sea level rise. The project site is located approximately 0.8 miles inland from the Pacific Ocean. Thus, the project poses no impact. Source: San Mateo County Maps 7.f. Place structures within an anticipated 100-year flood hazard area as mapped on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map? Discussion: The project site is not located within a special flood hazard area on the FEMA Flood Insurance Rate Map (FIRM). Thus, the project poses no impact.	7.c.	conversion of forestland to non-forest use, such that it would release signifi- cant amounts of GHG emissions, or significantly reduce GHG			X			
and/or infrastructure (e.g., leach fields) to accelerated coastal cliff/bluff erosion due to rising sea levels? Discussion: The project site is not located along a coastal cliff or bluff which would be at risk due to rising sea level. Source: San Mateo County Maps. 7.e. Expose people or structures to a significant risk of loss, injury or death involving sea level rise? Discussion: The site is not on the coast and would not expose structures or infrastructure to accelerated costal cliff/bluff erosion due to sea level rise. The project site is located approximately 0.8 miles inland from the Pacific Ocean. Thus, the project poses no impact. Source: San Mateo County Maps 7.f. Place structures within an anticipated 100-year flood hazard area as mapped on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map? Discussion: The project site is not located within a special flood hazard area on the FEMA Flood Insurance Rate Map (FIRM). Thus, the project poses no impact.	native tree cover of any species, including hardwoods, under natural conditions, and that allows for management of one or more forest resources, including timber, aesthetics, fish and wildlife, biodiversity, water quality, recreation, and other public benefits." The project includes the removal of 64 trees, 12 of which are larger than 12" in diameter. Eighteen trees in the project area will be retained, 15 of which are Coast Live Oaks. The subject area proposed for the construction of the new maintenance buildings does not meet the definition of forestland, as the area of trees to be removed is less than 3 acres. This project area is already developed with several buildings and a parking lot. The maintenance area is adjacent to an existing golf course. While there are trees on the site, the project site does not host any such forest canopy defined by PRC Section 12220(g). Thus, the project poses no impact.							
to rising sea level. Source: San Mateo County Maps. 7.e. Expose people or structures to a significant risk of loss, injury or death involving sea level rise? Discussion: The site is not on the coast and would not expose structures or infrastructure to accelerated costal cliff/bluff erosion due to sea level rise. The project site is located approximately 0.8 miles inland from the Pacific Ocean. Thus, the project poses no impact. Source: San Mateo County Maps 7.f. Place structures within an anticipated 100-year flood hazard area as mapped on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map? Discussion: The project site is not located within a special flood hazard area on the FEMA Flood Insurance Rate Map (FIRM). Thus, the project poses no impact.	7.d.	and/or infrastructure (e.g., leach fields) to accelerated coastal cliff/bluff				Х		
significant risk of loss, injury or death involving sea level rise? Discussion: The site is not on the coast and would not expose structures or infrastructure to accelerated costal cliff/bluff erosion due to sea level rise. The project site is located approximately 0.8 miles inland from the Pacific Ocean. Thus, the project poses no impact. Source: San Mateo County Maps 7.f. Place structures within an anticipated 100-year flood hazard area as mapped on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map? Discussion: The project site is not located within a special flood hazard area on the FEMA Flood Insurance Rate Map (FIRM). Thus, the project poses no impact.	to risir	ng sea level.	ng a coastal cl	iff or bluff whic	ch would be at	risk due		
accelerated costal cliff/bluff erosion due to sea level rise. The project site is located approximately 0.8 miles inland from the Pacific Ocean. Thus, the project poses no impact. Source: San Mateo County Maps 7.f. Place structures within an anticipated 100-year flood hazard area as mapped on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map? Discussion: The project site is not located within a special flood hazard area on the FEMA Flood Insurance Rate Map (FIRM). Thus, the project poses no impact.	7.e.	significant risk of loss, injury or death				Х		
100-year flood hazard area as mapped on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map? Discussion: The project site is not located within a special flood hazard area on the FEMA Flood Insurance Rate Map (FIRM). Thus, the project poses no impact.	accele 0.8 m	accelerated costal cliff/bluff erosion due to sea level rise. The project site is located approximately 0.8 miles inland from the Pacific Ocean. Thus, the project poses no impact.						
Insurance Rate Map (FIRM). Thus, the project poses no impact.	7.f.	100-year flood hazard area as mapped on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation				Х		
	Insura	Insurance Rate Map (FIRM). Thus, the project poses no impact.						

7.g.	Place within an anticipated 100-year flood hazard area structures that would impede or redirect flood flows?				Х	
Discussion: See 7.f., above.						
Source: FEMA Community FIRM Panel 06081C0028F, Effective August 2, 2017.						

8.	HAZARDS AND HAZARDOUS MATER	IALS. Would	the project:		
		Potentially Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact
8.a.	Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials (e.g., pesticides, herbicides, other toxic substances, or radioactive material)?			X	
the g Certif Servi buildi drain case	ussion: The maintenance facility will have olf course. The Olympic Club has an existified Unified Program Agencies (CUPA) plantices has reviewed and conditionally approving and fuel stations will be contained within ed to a recycled water treatment station. To fachemical spill. The project possess a rece: Project Plans and Project Description.	ng Hazardous n. San Mateo ed this applica n the pad area his treatment	Material Busi County Environation. All runof of the structured facility has except	ness Plan and onmental Heal ff from the che res. These ar cess storage t	d Ith emical eas are
8.b.	Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?			X	
	ussion: See response to 8.a. above. rce: Project Plans and Project Description				
8.c.	Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				Х

Discussion: The project parcel is not located within any such distance to an existing or proposed school. Westlake Elementary School is located 0.37 mile from the project site.

Source: Project Description.						
8.d.	Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				Х	
Discu	ussion: The project site is not located in a	n area identifie	ed as a hazaro	dous materials	site.	
Sour	ce: Project Maps, Planning Maps.					
8.e.	For a project located within an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, result in a safety hazard for people residing or working in the project area?				Х	
	ussion: The project is not located in such	an area.				
8.f.	For a project within the vicinity of a private airstrip, result in a safety hazard for people residing or working in the project area?				Х	
	ussion: The project is not located in such	an area.				
8.g.	Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?				Х	
Discussion: The project would not impair implementation of or physically interfere with an adopted emergency response or evacuation plan. The Olympic Club has an existing Hazardous Material Business Plan and CUPA plan. San Mateo County Environmental Health Services has reviewed and conditionally approved this application. All improvements are located within the parcel boundaries, thus, the project poses no impact. Source: San Mateo County Office of Emergency Services and San Mateo County Environmental Health Services.						
8.h.	Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?				Х	

Discussion: The project parcel is located within a Moderate Fire Hazards Severity Zone. Given that the parcel is not identified as being a high-risk location, and that the project does not involve the construction of any habitable structures, there is no expected impact. Cal-Fire has reviewed and conditionally approved this project. **Source:** Cal-Fire Fire Hazard Severity Zones Maps. 8.i. Χ Place housing within an existing 100-year flood hazard area as mapped on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map? Discussion: The project site is not located within a located within a flood hazard area on the FEMA Flood Insurance Rate Map. Source: FEMA Community FIRM Panel 06081C0028F, Effective August 2, 2017. 8.j. Place within an existing 100-year flood Χ hazard area structures that would impede or redirect flood flows? Discussion: See 8.i., above. Source: FEMA Community FIRM Panel 06081C0028F, Effective August 2, 2017. 8.k. Expose people or structures to a Χ significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam? **Discussion:** No dam or levee is located on or near the subject parcel. **Source:** San Mateo County General Plan Hazards Map. 8.I. Inundation by seiche, tsunami, or Χ mudflow? **Discussion:** The site is not in a seiche, tsunami, or mudflow hazard zone. It is not on the coast, in a landslide area, or near a lake or the Bay. Source: San Mateo County General Plan Hazards Map.

9.	9. HYDROLOGY AND WATER QUALITY. Would the project:						
		Potentially Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact		
9.a.	Violate any water quality standards or waste discharge requirements (consider water quality parameters such as temperature, dissolved oxygen, turbidity and other typical stormwater pollutants (e.g., heavy metals, pathogens, petroleum derivatives, synthetic organics, sediment, nutrients, oxygen-demanding substances, and trash))?			X			
propos Works conditi retenti buildin draine	Discussion: The project is required to treat all runoff on-site. A drainage analysis of the proposed project has been submitted to both the San Mateo County Department of Public Works and the City of Daly City Public Works Department for their review. Both agencies have conditionally approved the project. The project will include the creation of both bio swales and bio retention areas that will keep runoff levels below exiting conditions. All runoff from the chemical building and fuel stations will be contained within the pad area of the structures. These areas are drained to a recycled water treatment station. This treatment facility has excess storage tanks in case of a chemical spill.						
9.b.	Significantly deplete groundwater supplies or interfere significantly with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?			X			
Daly C anticip	Discussion: The property currently relies on an existing domestic water connect from the City of Daly City Municipal Water District which has conditionally approved this project. It is not anticipated that the maintenance buildings will have an impact on groundwater.						
Sourc	e: Project Plans.		ı	ı	ı		
9.c.	Significantly alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner that would result in significant erosion or siltation on- or off-site?			X			

Discussion: The project is not within a watercourse. The project will not significantly alter the existing drainage pattern on the site. New development on the site will include drainage features conditionally approved by the San Mateo County Department of Public Works (DPW) and the City of Daly City. The applicant is proposing a bio retention area and bio swales to limit off-site runoff to bellow existing conditions. These retention areas will be inspected by both the City of Daly City and the County of San Mateo during the building permit stage of this project. Relative to the potential impacts during project construction, Mitigation Measure 2, added under the discussion to Question 6.b., will ensure, all issues taken together, that the project will represent a less than significant impact. Source: Project Plans. 9.d. Χ Significantly alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or significantly increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site? **Discussion:** See 9.c., above. Source: Project Plans. 9.e. Create or contribute runoff water that Χ would exceed the capacity of existing or planned stormwater drainage systems or provide significant additional sources of polluted runoff? Discussion: See 9.c., above. Source: Project Plans. 9.f. Significantly degrade surface or Χ groundwater water quality? Discussion: No degradation of surface or groundwater water quality is expected with the proposed project. Source: Project Plans. Result in increased impervious surfaces 9.g. Χ and associated increased runoff? **Discussion:** See 9.c., above.

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Source: Project Plans.

10.	LAND USE AND PLANNING. Would th	e project:					
		Potentially Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact		
10.a.	Physically divide an established community?				Х		
would	ssion: The project does not include a proresult in the division of an established core: Project Plans.		e lands or incl	ude developm	ent that		
10.b.	Conflict with any applicable land use plan, policy or regulation of an agency with jurisdiction over the project (including, but not limited to, the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?			X			
applica Howev the RN of app line ru legal of A Lot I proper	ssion: The project has been reviewed for able policies of the County Local Coastal Fiver, a Use Permit for the project is required M-CZ Zoning District. The project conformation of the Project conformation of the existing maintenance description of this property describes both Line Adjustment will adjust the property line ty line be coterminous with the San Materials.	Program (LCP d to allow a re is to the RM-Calso be placed building and plands in San Me that bisects o-San Francisco) and applicabed duction of the EZ in all other relationship on the project oroposed main Mateo and Sarthe building a co County line	ole grading reg setbacks requinanners. A cont. Currently a tenance build in Francisco Cont. Manuel the	julations. uired in ondition property ing. The ounties.		
10.c.	Conflict with any applicable habitat conservation plan or natural community conservation plan?				Х		
Discussion: There is no known conservation plan that covers the project parcel. Source: San Mateo County General Plan.							
10.d.	Result in the congregating of more than 50 people on a regular basis?				Х		
Discussion: The maintenance operations of the golf club will not result in the congregation of more than 50 people on a regular basis. Source: Project Plans.							

10.e. Result in the introduction of activities not currently found within the community?				Х			
10.f. Serve to encourage off-site development of presently undeveloped areas or increase development intensity of already developed areas (examples include the introduction of new or expanded public utilities, new industry, commercial facilities or recreation activities)?				X			
Discussion: The project proposes improvements to serve only the subject property. These improvements are completely within the parcel boundaries and do not serve to encourage off-site development of undeveloped areas or increases the development intensity of surrounding developed areas, thus, the project poses no such impact. Source: Project Plans.							
10.g. Create a significant new demand for housing?				X			
Discussion: The project is the replacement of existing structures and uses on the site. It is not anticipated that the use would create a significant new demand for housing. Source: Project Plans.							

11.	MINERAL RESOURCES. Would the project:					
		Potentially Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact	
11.a.	Result in the loss of availability of a known mineral resource that would be of value to the region or the residents of the State?				Х	

Discussion: There are no known mineral resources in the project area.

Source: California Department of Conservation, San Mateo County General Plan, Project Location.

11.b.	Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				Х	
Discu	ssion: There are no known mineral resou	urces in the pr	oject area.			
Source Locati	ce: California Department of Conservation on.	n, San Mateo (County Genera	al Plan, Projec	t	
12.	NOISE. Would the project result in:					
		Potentially Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact	
12.a.	Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?		X			
Ordina at nigh Ordina reside	ission: Upon operation, the project would ance exempts construction related noise do not is much greater than noise generated do ance's more stringent overnight limits. Limits to enjoy quiet at their properties. The ny potential construction impact to a less to	uring certain ouring the day, niting construction following mitig	days and hours as reflected in tion to the wor pation measure	s. The impact the County N kday will allov	of noise oise v nearby	
remod p.m., v Thank	ation Measure 8: Noise sources associated ling, or grading of any real property shall weekdays and 9:00 a.m. to 5:00 p.m., Satus sgiving, and Christmas (San Mateo Ordinate: Project Plans, San Mateo County Noise:	l be limited to a urdays. Said a ance Code Se	the hours from activities are p	7:00 a.m. to rohibited on S		
12.b.	Exposure of persons to or generation of excessive ground-borne vibration or ground-borne noise levels?			Х		
Discussion: Some ground-borne vibration is expected during construction; however, the vibration will be minimal thus the impact will be less than significant. Source: Project Plans, County Noise Ordinance.						
12.c.	A significant permanent increase in ambient noise levels in the project vicinity above levels existing without the project?				Х	

Discussion: A temporary increase in ambient noise levels during the construction phase of the project is expected. However, due to the project scope, this is not expected to be significant or prolonged. During post-construction, no additional ambient noise is expected. Source: Project Plans, San Mateo County Noise Ordinance. 12.d. A significant temporary or periodic Χ increase in ambient noise levels in the project vicinity above levels existing without the project? **Discussion:** See 12.c., above. Source: Project Plans, San Mateo County Noise Ordinance. Χ 12.e. For a project located within an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, exposure to people residing or working in the project area to excessive noise levels? **Discussion:** The project is not located in such an area. **Source:** Project Plans, Project Location. 12.f. For a project within the vicinity of a Χ private airstrip, exposure to people residing or working in the project area to excessive noise levels? **Discussion:** The project is not located in such an area. **Source:** Project Plans, Project Location.

13.	POPULATION AND HOUSING. Would the project:				
		Potentially Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact
13.a.	Induce significant population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?			X	

Discussion: The population growth will not be significant due to the construction of maintenance buildings. The project is a non-residential use. All proposed improvements are completely within

the subject parcel's boundaries are sufficient only to serve the project. Thus, the project poses less than significant impact.						
Source: Project Description.						
13.b. Displace existing housing (including low- or moderate-income housing), in an area that is substantially deficient in housing, necessitating the construction of replacement housing elsewhere?		X				

Discussion: There are no housing units on the subject property, thus there will be no impact.

Source: Project Plans.

14. PUBLIC SERVICES. Would the project result in significant adverse physical impacts associated with the provision of new or physically altered government facilities, the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

		Potentially Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact
14.a.	Fire protection?				Х
14.b.	Police protection?				Х
14.c.	Schools?				Х
14.d.	Parks?				Х
14.e.	Other public facilities or utilities (e.g., hospitals, or electrical/natural gas supply systems)?				Х

Discussion: The result of the project will be new maintenance buildings that will replace existing buildings. This project will not require the construction of any new public facilities. The project will not disrupt acceptable service ratios, response times or performance objectives of fire (California Department of Forestry and Fire Protection has reviewed and approved plans), police, schools, parks or any other public facilities or energy supply systems. Thus, the project poses no impact.

Source: Project Plans, Project Location.

Potentially				
Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact	
			Х	
Discussion: The project will create new maintenance buildings to support an existing golf course There would be no impact from the use. Source: Project Plans, Project Location.				
			Х	

Source: Project Plans.

16.	TRANSPORTATION/TRAFFIC. Would	the project:			
		Potentially Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact
16.a.	Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and nonmotorized travel and relevant components of the circulation system, including, but not limited to, intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?			X	

Discussion: Since the golf course operation will remain the same, the project will not significantly increase the vehicular or pedestrian traffic nor change their patterns in the area beyond the levels anticipated for the area. The San Mateo County Department of Public Works and the City of Daly City Public Works Department have reviewed and conditionally approved the project.

Sourc	e: Project Location.				
16.b.	Conflict with an applicable congestion management program, including, but not limited to, level of service standards and travel demand measures, or other standards established by the County congestion management agency for designated roads or highways?			X	
	ssion: No. See Discussion under 16.a., ee: Project Location.	above.			
16.c.	Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in significant safety risks?				Х
Discu patter	ssion: The project does not include any ens.	element which	would result i	n changes to a	air traffic
Sourc	e: Project Plans.				
16.d.	Significantly increase hazards to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				X
desigr projec	ssion: The proposed project does not income feature. An existing driveway from Lake st site. e: Project Location.	•	•	•	
16.e.	Result in inadequate emergency access?				Х
Discussion: The proposed improvements will provide adequate emergency access. The proposed plans have been reviewed and approved by Cal-Fire. Source: Project Plans.					
16.f.	Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?				Х
	ssion: No impacts. See Discussion unde	er 16.a., above	9.		

16.g.	Cause noticeable increase in pedestrian traffic or a change in pedestrian patterns?				Х	
Discussion: No. The proposed project site improvements do not introduce a use not currently found within the project area or result in changes outside of the parcel boundaries. There are no expectations of increases or changes to pedestrian patterns in the area.						
Sourc	Source: Project Plans.					

Discussion: No. The project is creating both surface parking and structures that will be used for vehicle storage. The proposed project will maintain adequate and routine access to the parcel. The site will have adequate space to accommodate parking associated with the new maintenance facility. Therefore, there is more than adequate areas to provide compliant parking on-site.

Χ

Source: Project Plans, Project Location.

16.h. Result in inadequate parking capacity?

17. TRIBAL CULTURAL RESOURCES. Would the project:

		Potentially Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact
17.a.	Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place or cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
	 Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k) 				X

Discussion: The project site is not listed or eligible for listing in the California Register of Historical Resources. Furthermore, the project is not listed in a local register of historical resources, pursuant to any local ordinance or resolution as defined in Public Resources Code Section 5020.1(k). Per an archaeological resource evaluation submitted by William Roop of Archaeological Resources Service on behalf of the applicant, no Native American prehistoric archaeological sites are present in the upper soils of the project area. The report notes that the maintenance area is not an area of high sensitively to archaeological resources.

Source: Project Location, State Parks, Office of Historic Preservation, Listed California Historical Resources, San Mateo County General Plan, and An Archaeological Resources Evaluation of the Olympic Club Maintenance Facility, Olympic Club, Lake Merced Boulevard, San Mateo County, California by William Roop of Archaeological Resources Service, January 31, 2018

ii. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in Subdivision (c) of Public Resources Code Section 5024.1. (In applying the criteria set forth in Subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.)	X		
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Discussion: The project will result in no change to the use of the project area as the property is already developed with maintenance buildings and parking area. Proposed improvements are confined to the immediate project area and include minor grading and minor drainage improvements.

The project is not subject to Assembly Bill 52 for California Native American tribal consultation requirements, as no traditionally or culturally affiliated tribe has requested, in writing, to the County to be informed of proposed projects in the geographic project area. However, in following the NAHC's recommended best practices, the following mitigation measures are recommended to minimize any potential significant impacts to unknown tribal cultural resources:

<u>Mitigation Measure 9</u>: Should any traditionally or culturally affiliated Native American tribe respond to the County's issued notification for consultation, such process shall be completed and any resulting agreed upon measures for avoidance and preservation of identified resources shall be taken prior to implementation of the project.

<u>Mitigation Measure 10</u>: In the event that tribal cultural resources are inadvertently discovered during project implementation, all work shall stop until a qualified professional can evaluate the find and recommend appropriate measures to avoid and preserve the resource in place, or minimize adverse impacts to the resource, and those measures shall be approved by the Current Planning Section prior to implementation and continuing any work associated with the project.

Mitigation Measure 11: Any inadvertently discovered tribal cultural resources shall be treated with culturally appropriate dignity taking into account the tribal cultural values and meaning of the resource including, but not limited to, protecting the cultural character and integrity of the resource, protecting the traditional use of the resource, and protecting the confidentiality of the resource.

Source: Project Plans, Project Location, California Assembly Bill 52.

18.	UTILITIES AND SERVICE SYSTEMS.	Would the pro	ject:			
		Potentially Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact	
18.a.	Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?				Х	
Discussion: The project site is served by an existing sewer connection from the City of Daly City. The project will not exceed any requirements from the Regional Water Quality Control Board. Source: Project Plans, Project Location.						
18.b. Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?						
Discussion: See 18.a., above. Source: Project Plans, Project Location.						
18.c.	Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?			Х		
Discussion: On-site drainage measures will be included to ensure that the site will continue to accommodate pre-construction flows. The applicant will be installing bio swales and bio retention areas to keep surface runoff below existing levels. However, these measures are relatively minor in nature and will not result in significant environmental effects.						
Sourc	ce: Project Plans.	ı	ı	ı	ı	
18.d.	Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?			X		
conne	Discussion: The new maintenance buildings will be served an existing domestic water connection from the City of Daly City. No expansion of these water systems are proposed. Thus, the project a less than significant impact.					

Source: Project Location.

18.e.	Result in a determination by the waste- water treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?			X		
Discussion: No changes to the existing operations and demand on the site will occur. The project site will continue to be served by the City of Daly City for sewer services. The project does not impact the wastewater needs of the property. Source: Project Plans, Project Location.						
18.f.	Be served by a landfill with insufficient permitted capacity to accommodate the project's solid waste disposal needs?			Х		
Discussion: No changes to the existing operations will occur, and therefore the project does impact the solid waste disposal needs of the project. Source: Project Location.						
18.g.	Comply with Federal, State, and local statutes and regulations related to solid waste?				Х	
Discussion: The project would not have any impacts on solid waste requirements, and the project would not generate any solid waste. Source: Project Scope.						
18.h.	Be sited, oriented, and/or designed to minimize energy consumption, including transportation energy; incorporate water conservation and solid waste reduction measures; and incorporate solar or other alternative energy sources?			X		
Discussion: The San Mateo County Building Code requires the use of water conserving fixtures, effective insulation, and other features that reduce water use and increase energy efficiency of residential buildings.						
Sourc	e: California Building Code.					
18.i.	Generate any demands that will cause a public facility or utility to reach or exceed its capacity?				X	

Discussion: Given the answers in response to the questions posed in this section, the project will not cause a public facility or utility to reach or exceed its capacity. Thus, the project poses no impact.

Source: Project Description.

19. MANDATORT FINDINGS OF SIGNIFICANCE	19.	MANDATORY FINDINGS OF SIGNIFICANCE.
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		Potentially Significant Impacts	Significant Unless Mitigated	Less Than Significant Impact	No Impact
degra signif or wil wildlir susta a pla the n rare of elimin majo	s the project have the potential to ade the quality of the environment, ficantly reduce the habitat of a fish Idlife species, cause a fish or fe population to drop below selfaining levels, threaten to eliminate int or animal community, reduce number or restrict the range of a for endangered plant or animal or inate important examples of the reperiods of California history or story?			X	

Discussion: No sensitive habitats are mapped in the project area. Areas proposed for disturbance are limited and the majority of the parcel will remain in its current state. the analysis contained within this document, these potential significant impacts can be reduced to a less than significant level with the implementation of all included mitigation measures

Source: All previously references sources in this document

19.b. Does the project have im individually limited, but or considerable? ("Cumula considerable" means tha incremental effects of a project of connection with the effect projects, the effects of ot projects, and the effects future projects.)	mulatively ively the roject are d in s of past her current	X	
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Discussion: No cumulative effects are associated with this project. However, without mitigation, the project could potentially generate significant impacts to air quality, visual, sensitive habitats, cultural resources, and noise. Measures to address these impacts have been made mitigation measures of this project. No evidence has been found that the project would result in broader regional impacts, and there are no known approved projects or future projects expected for the project parcel. This type of development is consistent with the County Zoning Regulations. This project does not introduce any significant impacts that cannot be avoided through mitigation.

Source: All previously references sources in the	is document		
19.c. Does the project have environmental effects which will cause significant adverse effects on human beings, either directly or indirectly?		Х	

Discussion: As discussed previously, the project could result in environmental impacts that could both directly and indirectly cause impacts on human beings. However, implementation of mitigation measures included in this document would reduce project impacts to less than significant levels.

Source: All previously references sources in this document

RESPONSIBLE AGENCIES. Check what agency has permit authority or other approval for the project.

AGENCY	YES	NO	TYPE OF APPROVAL
U.S. Army Corps of Engineers (CE)		Х	
State Water Resources Control Board		Х	
Regional Water Quality Control Board		Х	
State Department of Public Health		Х	
San Francisco Bay Conservation and Development Commission (BCDC)		Х	
U.S. Environmental Protection Agency (EPA)		Х	
County Airport Land Use Commission (ALUC)		Х	
Caltrans		Х	
Bay Area Air Quality Management District		Х	
U.S. Fish and Wildlife Service		Х	
Coastal Commission	Х		Appeals Jurisdiction
City	Х		Encroachment Permit
Sewer/Water District:		Х	
Other:		Х	

MITIGATION MEASURES		
	<u>Yes</u>	<u>No</u>
Mitigation measures have been proposed in project application.		X
Other mitigation measures are needed.	X	

The following measures are included in the project plans or proposals pursuant to Section 15070(b)(1) of the State CEQA Guidelines:

<u>Mitigation Measure 1</u>: The applicant shall install downward exterior lighting fixtures to ensure that light and glare are directed away from neighboring properties and confined to the site. The building plans shall show the location of all exterior light and cut sheets of the lights shall be provided at the building permit stage.

<u>Mitigation Measure 2</u>: The applicant shall require construction contractors to implement all the Bay Area Air Quality Management District's Basic Construction Mitigation Measures, listed below:

- a. Water all active construction areas at least twice daily.
- b. Water or cover stockpiles of debris, soil, sand, or other materials that can be blown by the wind.
- c. Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least 2 feet of freeboard.
- d. Apply water two times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking, and staging areas at construction sites. Also, hydroseed or apply non-toxic soil stabilizers to inactive construction areas.
- e. Sweep adjacent public streets daily (preferably with water sweepers) if visible soil material is carried onto them.
- f. Enclose, cover, water twice daily, or apply non-toxic soil binders to exposed stockpiles (dirt, sand, etc.).
- g. Limit traffic speeds on unpaved roads within the project parcel to 15 miles per hour.
- h. Install sandbags or other erosion control measures to prevent silt runoff to public roadways and water ways.
- i. Replant vegetation in disturbed areas as quickly as possible.

<u>Mitigation Measure 3</u>: The applicant shall have commenced tree removal of the identified trees prior to January 2019. If tree removal has not commenced by that time, another nesting survey is warranted and should be conducted within 30 days before tree removal.

Mitigation Measure 4:

- a. Any plan affecting trees should be reviewed by the Consulting Arborist with regard to tree impacts. These include, but are not limited to, improvement plans, utility and drainage plans, grading plans, landscape and irrigation plans, and demolition plans.
- b. Include tree trunk locations, canopy limits (driplines) and tree numbers on all plans.
- c. Establish a Tree Protection Zone for trees to be preserved, in which disturbance is permitted. The Tree Protection Zones shall be 1-foot behind the planned edge of grading. No grading, excavation, construction, or storage of materials shall within that zone

- d. Fence trees to completely enclose the Tree Protection Zone prior to demolition, grubbing, or grading. Fences shall be 6-foot chain link or equivalent as approved by the County of San Mateo. Fences are to remain until all construction is completed. Fences may not be relocated or removed without permission of the Consulting Arborist.
- e. The project's security fencing may serve as tree protection fencing along the project permitted.
- f. Other than the planned undergrounding of the existing electrical service, underground utilities such as water and sewer shall be routed around the Tree Protection Zone.
- g. Irrigation systems must be designed so that no trenching will occur within the Tree Protection Zone.
- h. Any herbicides placed under pacing materials must be safe for use around trees and labeled for that use.
- i. Cap and abandon-in-place all existing underground utilities within the Tree Protection Zone. Removal of utility boxes by hand is acceptable, but no trenching should be performed within the Tree Protection Zone in an effort to remove utilities, irrigation lions, etc.
- j. Trees to be preserved may require punning to provide clearance for construction. Any pruning shall be completed by a Certified Arborist or Tree Worker. Pruning shall adhere to the latest edition of the ANSI Zi33 and A300 standards as well the Best Management Practices Tree Punning published by the International Society of Arboriculture.
- k. Structures and underground features to be removed within the Tree Protection Zone shall use the smallest equipment and operate from outside the Tree Protection Zone. The consultant shall be on-site during all operations within the Tree Protection Zone to monitor demolition activity.
- I. Any excavation within the dripline or other work expected to encounter tree roots should be approved and monitored by the Consulting Arborist. Roots shall be cut by manually digging a trench and cutting exposed roots with a sharp saw. The Consulting Arborist will identify where root pruning is required.
- m. If injury should occur to any tree during construction, it should be evaluated as soon as possible by the Consulting Arborist so that appropriate treatment can be applied.
- n. Prior to grading, pad preparation, excavation for foundations/footings/walls, trenching, trees may require root pruning outside of the Tree Protection Zones by cutting all roots cleanly to the depth of the excavation. Roots shall be cut by manually digging a trench and cutting exposed roots with a sharp saw of other approved root pruning equipment. The Consulting Arborist will identify where root pruning is required.
- o. No materials, equipment, spoil, water, or wash out water may deposited, stored, or parking with the Tree Protection Zone.
- p. The demolition contractor shall meet with the Consulting Arborist before beginning work to discuss work procedures and tree protection.

<u>Mitigation Measure 5</u>: In the event that should cultural, paleontological, or archaeological resources be encountered during site grading or other site work, such work shall immediately be halted in the area of discovery and the project sponsor shall immediately notify the Community Development Director of the discovery. The applicant shall be required to retain the services of a qualified archaeologist for the purpose of recording, protecting, or curating the discovery as appropriate. The cost of the qualified archaeologist and of any recording, protecting, or curating shall be borne solely by the project sponsor. The archaeologist shall be required to submit to

the Community Development Director for review and approval a report of the findings and methods of curation or protection of the resources. No further grading or site work within the area of discovery shall be allowed until the preceding has occurred. Disposition of Native American remains shall comply with CEQA Guidelines Section 15064.5(e).

Mitigation Measure 6: Prior to the issuance of the building permit for the property, the applicant shall submit to the Planning Department for review and approval an erosion and drainage control plan that shows how the transport and discharge of soil and pollutants from and within the project site shall be minimized. The plan shall be designed to minimize potential sources of sediment, control the amount of runoff and its ability to carry sediment by diverting incoming flows and impeding internally generated flows, and retain sediment that is picked up on the project site through the use of sediment-capturing devices. The plan shall also limit application, generation, and migration of toxic substances, ensure the proper storage and disposal of toxic materials, and apply nutrients at rates necessary to establish and maintain vegetation without causing significant nutrient runoff to surface waters. Said plan shall adhere to the San Mateo Countywide Stormwater Pollution Prevention Program "General Construction and Site Supervision Guidelines," including:

- a. Sequence construction to install sediment-capturing devices first, followed by runoff control measures and runoff conveyances. No construction activities shall begin until after all proposed measures are in place.
- b. Minimize the area of bare soil exposed at one time (phased grading).
- c. Clear only areas essential for construction.
- d. Within five (5) days of clearing or inactivity in construction, stabilize bare soils through either non-vegetative best management practices (BMPs), such as mulching, or vegetative erosion control methods, such as seeding. Vegetative erosion control shall be established within two (2) weeks of seeding/planting.
- e. Construction entrances shall be stabilized immediately after grading and frequently maintained to prevent erosion and to control dust.
- f. Control wind-born dust through the installation of wind barriers such as hay bales and/or sprinkling.
- g. Soil and/or other construction-related material stockpiled on-site shall be placed a minimum of 200 feet from all wetlands and drain courses. Stockpiled soils shall be covered with tarps at all times of the year.
- h. Intercept runoff above disturbed slopes and convey it to a permanent channel or storm drains by using earth dikes, perimeter dikes or swales, or diversions. Use check dams where appropriate.
- i. Provide protection for runoff conveyance outlets by reducing flow velocity and dissipating flow energy.
- j. Use silt fence and/or vegetated filter strips to trap sediment contained in sheet flow. The maximum drainage area to the fence should be 0.5 acres or less per 100 feet of fence. Silt fences shall be inspected regularly and sediment removed when it reaches 1/3 the fence height. Vegetated filter strips should have relatively flat slopes and be vegetated with erosion-resistant species.
- k. Throughout the construction period, the applicant shall conduct regular inspections of the condition and operational status of all structural BMPs required by the approved erosion control plan.

- I. No erosion or sediment control measures will be placed in vegetated areas.
- m. Environmentally sensitive areas shall be delineated and protected to prevent construction impacts.
- n. Control of fuels and other hazardous materials, spills, and litter during construction.
- o. Preserve existing vegetation whenever feasible.

<u>Mitigation Measure 7</u>: The applicant shall implement the following basic construction measures at all times:

- a. Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California Airborne Toxic Control Measure, Title 13, Section 2485 of the California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.
- All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified visible emissions evaluator.
- c. Post a publicly visible sign with the telephone number and person to contact at the lead agency regarding dust complaints. This person, or his/her designee, shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.

<u>Mitigation Measure 8</u>: Noise sources associated with demolition, construction, repair, remodeling, or grading of any real property shall be limited to the hours from 7:00 a.m. to 6:00 p.m., weekdays and 9:00 a.m. to 5:00 p.m., Saturdays. Said activities are prohibited on Sundays, Thanksgiving, and Christmas (San Mateo Ordinance Code Section 4.88.360).

<u>Mitigation Measure 9</u>: Should any traditionally or culturally affiliated Native American tribe respond to the County's issued notification for consultation, such process shall be completed and any resulting agreed upon measures for avoidance and preservation of identified resources shall be taken prior to implementation of the project.

<u>Mitigation Measure 10</u>: In the event that tribal cultural resources are inadvertently discovered during project implementation, all work shall stop until a qualified professional can evaluate the find and recommend appropriate measures to avoid and preserve the resource in place, or minimize adverse impacts to the resource, and those measures shall be approved by the Current Planning Section prior to implementation and continuing any work associated with the project.

<u>Mitigation Measure 11</u>: Any inadvertently discovered tribal cultural resources shall be treated with culturally appropriate dignity taking into account the tribal cultural values and meaning of the resource including, but not limited to, protecting the cultural character and integrity of the resource, protecting the traditional use of the resource, and protecting the confidentiality of the resource.

On the basis of th	is initial evaluation:
	proposed project COULD NOT have a significant effect on the environment, and VE DECLARATION will be prepared by the Planning Department.
ment, ther measures	although the proposed project could have a significant effect on the environ- e WILL NOT be a significant effect in this case because of the mitigation in the discussion have been included as part of the proposed project. A ED NEGATIVE DECLARATION will be prepared.
	the proposed project MAY have a significant effect on the environment, and an IMENTAL IMPACT REPORT is required.
	(Signature)
Date	(Title)
TTACHMENTS Project Plans	

- <u>A</u> A.
- Nesting Raptor and Migratory Bird Survey by Leslie Zander, Principal Biologist of Zander B. Associates on July 13, 2018.
- C. The Olympic Club Tree Report Maintenance Building Project by HortScience, dated August 16, 2017
- Visual Simulation from Applicant dated June 19, 2018. D.

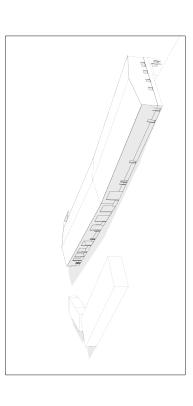
DETERMINATION (to be completed by the Lead Agency).

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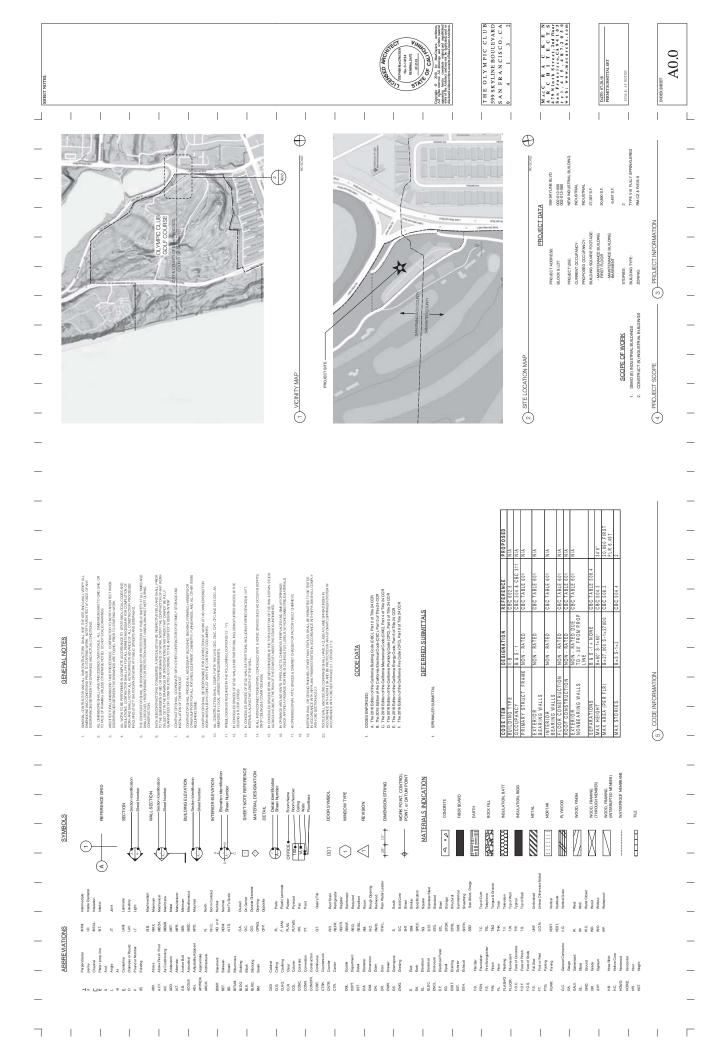
THE OLYMPIC CLUB-GOLF MAINTENANCE AND ADMINISTRATION BUILDING

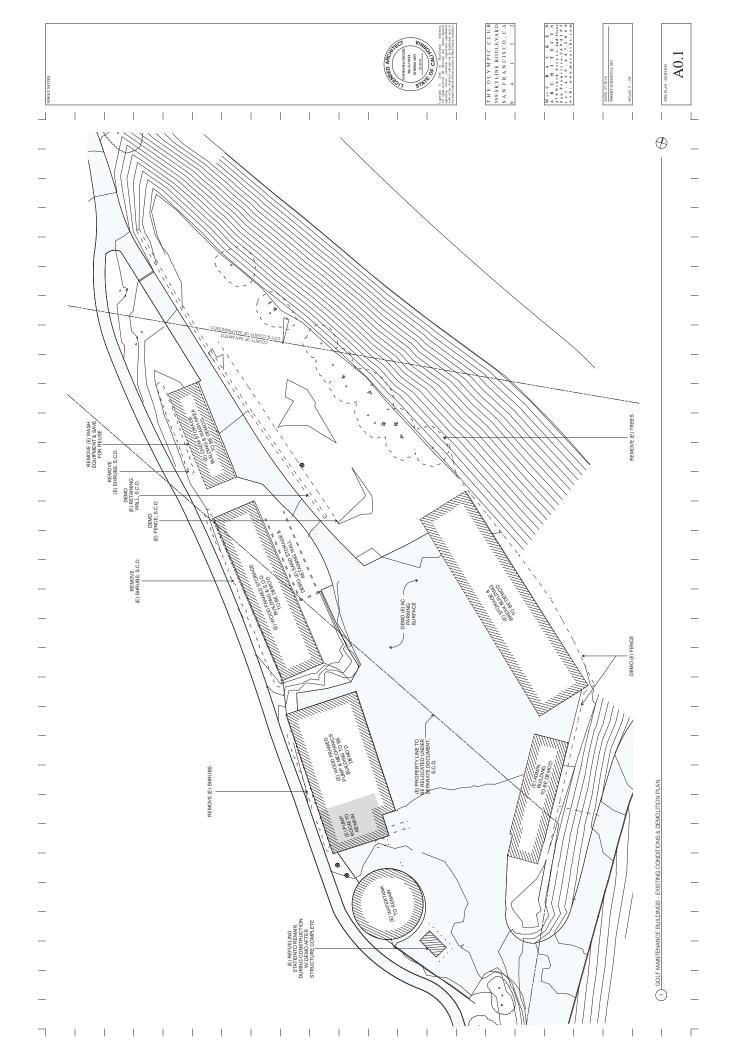
DRAWING INDEX

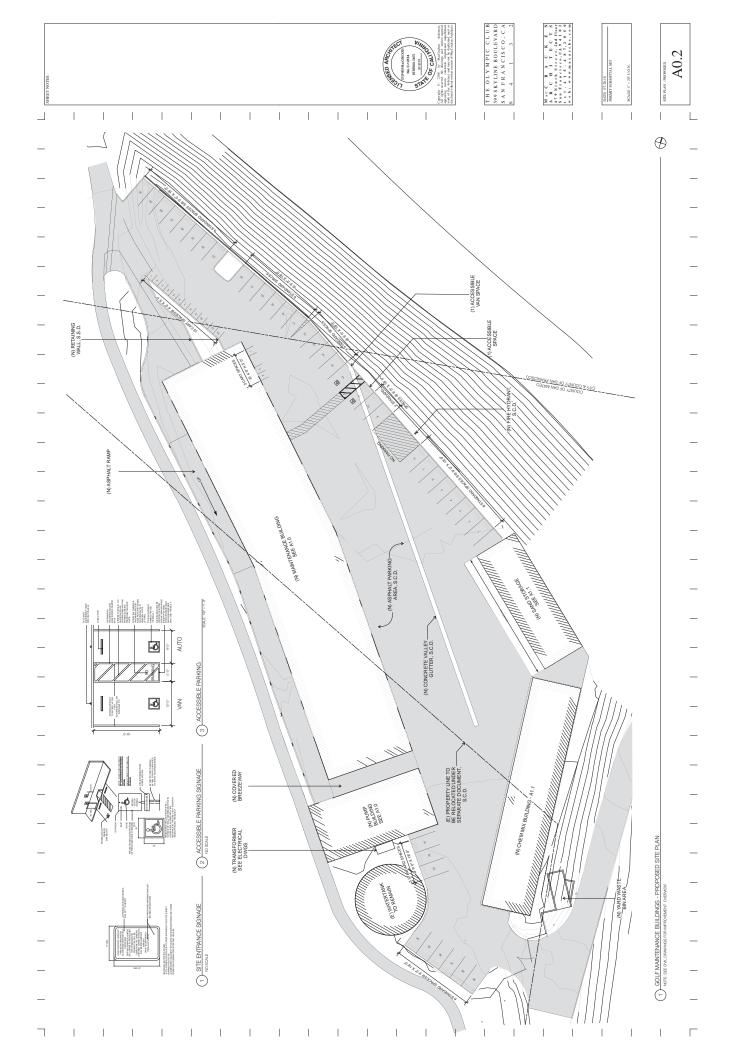


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CLIFTORD RECEIFE.

RECORD DRAWINGS SHALL BE SUBMITTED TO THE COUNTY PRIOR TO FINAL ACCEPTANCE OF THE IMPROVEMENTS.	2. COPES OF THE RECORD ORANGES SALLER SENDETED TO THE COUNTY PRIOR TO THALL ACCEPTANCE OF WIRK. CONTRACTOR SHALL PRIOR TO THE CONSTRUCTOR SHALL PRIOR TO THE "AS-BILL" PLANS. ANY "AS-BILL" PLANS. RAY "AS-BILL" PLANS RECORDED BY THE COUNTY OR APPROPRIATE ACROIGES BE PAID FOR BY THE CONTRACTOR.	

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1. HE OWER, CONSTRUCTION MANAGER, COTS, UN ORDERS, COTY, OR PROMISED, COTY, OR PROMISED, COTY, OR PROMISED, OR PROMISED, OR PROMISED, OR PAGES 19, AND A RECORDANCE OR BATCH OF CONSTRUCTION OR LINE (SECREDAL). VACING TO CONSTRUCTION OR HE (SECREDAL). VACING THE CONSTRUCTION OF THE CO

VIII. UNAUTHORIZED CHANGES AND USES

IX. SEDIMENTATION AND POLLUTION CONTROL

CONTRACTOR SHALL BE RESPONSIBLE FOR PUMPING AND FILTERING SEDMENT LABBN WRITER, IF ENCOUNTERED UNRING BASSAMEN EXCANATION, PRIOR FOR RELEASING WATER TO THE PUBLIC STORM DRAIN SYSTEM.

A COMPACTOR STATEMENT OF THE THE THROUGH TO THROUGH THE THROUGH TO THROUGH TO THROUGH THE THROUGH TO THROUGH THE THROUGH THROUG

6. CONTRACTOR SHALL BE RESPONSIBLE FOR FOR ALL OFF-SITE DAMAGE RESULTING FROW THE LACK OF DUST CONTROL, AND SHALL PROVIDE MITIGATION MEASURES, AT HIS SOLE EXPENSE, AS DRECTED BY THE COUNTY.

X. FIRE PROTECTION

ALL FIRE SERVICE VALVES, PIPES, AND SIGNAGE SHALL BE INSPECTED AND APPROVED BY THE COUNTY FIRE INSPECTOR PRIOR TO FINAL.

XI. STORM DRAINAGE INLET NOTES

1. STORM DRAIN INLETS SHALL BE AS FOLLOWS:

A. CATCH BASINS — SANTA ROSA CAST PRODUCTS CO. MODEL 2K-24"224"
(TYP) OR AS NOTED (SEE PLANS), PROVIDE IRRAME AND GRAFE.

B. AREA DRAINS - 12" GALVANIZED CAST IRON FLOOR DRAIN, BY JAY R SMITH WITH DEEP BODY & SEDIMENT BUCKET SET IN POST TENSION SLAB.

D. TRENCH GRATE – SHALL BE POLYCAST PRESLOPED, EXTRA HEAVY DUTY, SERIES 700, WITH CAST IRON GRATE OR EQUAL.

F. CONTRACTOR SHALL MARK ALL STORM DRAIN INLETS WITH THE LOGG "NO DUMPING — DRAINS TO BAY". CONTRACTOR TO USE THERMOPLASTIC MARKINGS ON ALL INLETS OF METAL DISK.

ARTHWORK TABLE	CUT	FILE
IULDINGS	1,800 CY	0 CY
RIVEWAY	1,080 CY	420 CY
:EAR/FRONT/SIDE YARD	120 CY	2,580 CY
OTAL	3,000 CY 3,000 CY	3,000 CY
XCESS MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED FIN A LEGAL MANNER. EARTHWORK MANTHINES HAVE BEEN PROVIDED OR PLANNING PURPOSES ONLY. OWN RACTOR SHALL ESTIMATE HIS/HER WIN QUANTITIES TO COMPLETE JOB FINE	SPOSED ARTHWORK WDED WLY. TE HIS/HER	

ING SOURCE OF	
NDATIONS BASED UPON	1. CONTRACTOR SHALL KEEP ACCURATE RECORD DRAWINGS WHICH SHOW
THE CONTRACTOR'S	THE FINAL LOCATION, ELEVATION, AND DESCRIPTION OF ALL WORK.
ADING, SUPERVISION, OR	CONTRACTOR SHALL ALSO NOTE THE LOCATION AND ELEVATION OF
SACTOR,	ANY EXISTING IMPROVEMENTS ENCOUNTERED, RECORDS SHALL BE
UBCONTRACTOR'S	"REDLINED" ON A SET OF CONSTRUCTION PLAN DRAWINGS.
W OF THE	RECORD DRAWINGS SHALL BE SUBMITTED TO THE COUNTY PRIOR
HE SOILS ENGINEER	TO FINAL ACCEPTANCE OF THE IMPROVEMENTS.
4E CONTRACTOR'S	
RUCTION SITE.	 COPIES OF THE RECORD DRAWINGS SHALL BE SUBMITTED TO THE COUNTY PRIOR TO FINAL ACCEPTANCE OF WYRK. CONTRACTOR SHALL PRI COUNTY PRIOR TO FINAL ACCEPTANCE OF WYRK. CONTRACTOR SHALL PRI COUNTY PRIOR TO FINAL ACCEPTANCE OF WYRK.
	TO THE ENGINEER A REDIINED CODY OF THE "AS-RILLY" BLANS ANY
CONFORM TO THE	PROPERTY OF STREET, SO STREET, SO STREET, SO STREET, S
SET FORTH ON THESE	AS-BOIL PLANS RECOINED BY THE COOK I ON APPROPRIATE AVERAGE
O THE VERTICAL	BE PAID FOR BY THE CONTRACTOR.
E-TENTH OF A FOOT.	
IESE TOLERANCES, THE	VII. STATEMENT OF RESPONSIBILITY
ECTIVE GRADING, AT NO	
	 THE OWNER, CONSTRUCTION MANAGER, CONSULTING ENGINEER, CITY, OR
THE PERSON NAMED IN	SAN MATEO COUNTY EMPLOYEES WILL NOT DIRECTLY CONTROL THE
EEK, AN UNSIABLE	DHAGICAL ACTIVITIES OF THE CONTRACTOR ON ANY SUBCONTRACTORS

WHERVER, IN THE OPINION OF THE SOILS ENGINEER, AN UNSTABLI GRADING COMDITION IS BEING CHEATED, THE CONTRACTOR SHALL IMMEDIATELY CORRECT THE CONDITION BEFORE PROCEEDING WITH OTHER WORK.

CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT REGARDING SPECIAL REQUIREMENTS FOR SLABS AND SIDEWALKS IN EXPANSIVE SOIL AREAS. ALL AREAS TO BE GRADED SHALL FIRST BE STRIPPED IN ACCORDANCE MITH THE REQUIREMENTS OF THE SOIL REPORT AND THE SOILS ENGINEER ALL SUMPS CREATED BY GRADING OPERATIONS SHALL BE FILLED AND GRADED FOR POSITIVE DRAINAGE.

32. DURING CONSTRUCTION, THE PUBLIC STREETS SHALL BE CLEANED AS OFTEN AS REQUIRED TO REMOVE ANY ACCOUNTAINTON FOR WILD AND DEBRIS RESULTING FROM THE CONSTRUCTION, AT NO, TIME SHALL SQUI OF DEBRIS BE ALLOWED TO ENTER INTO STORM DRAIN SYSTEMS OR OPEN CHANNELS.

CONTRACTOR STATE USEDILE HE WAS WERN AND THE OWNER OF THE CONTRACTORS OF THE CONTRACTORS WITH THE WILLSTONE CHATS PROPURED BY THE CONTRACTORS WILL THROWNED BY THE CONTRACTORS WILL THROWNED THE CONTRACTORS WILL AND THE CITY WITH A DETAILED SCHOLLE CHATCHE CONTRACTORS WILL MISSION AND THE CITY WITH A DETAILED SCHOLLE CHATCHE CONTRACTORS WICH CHATCHE WILL WEST THREE THREE THREE WILL STATE THREE THREE WILL STATE THREE THREE THREE WILL STATE THREE WILL STATE THREE WILL STATE THREE THREE WILL STATE THREE WILL

CONTRACTOR SHALL COORDINATE HIS WORK AND THAT OF HIS SUBCONTRACTORS WITH ANY NCHOIND DISABOLITION, GANDING, UNDERROUND WORK, OR SITE WORK OF OTHER CONTRACTORS AND WITH THE INSTALLATION OF FACULTES BY POCKE, PAC BELL, CALIFORNIA WATER AND CABLE TV.

CONTRACTOR SHALL OBTAIN COUNTYS APPROVAL FOR ALL HAUL ROUTES TO AND FROM THE SITE, PRIOR TO STARTING WORK. THE HAULING ROUTES SHALL BE STREICHY ADHERD. TO BY THE CONTRACTOR AND ALL SUGGONTRACTORS.

33. AS TO THE ACCURACY BETWEEN THE WORK SET FORTH ON THESE PLANS AND THE WORK IN THE FIELD, ANY DISCHARMICES SHALL BE BROLLIGHT TO THE ATTENTION OF THE O'NL BROWERE PRIOR TO START OF CONSTRUCTION OF THE PARTICULAR ITEM OF WORK.

TO THE CONTROL SOLL DISTRICT ORTS CHARLE STRING WITH CONTROL OR CO

EXCAVATION BELOW AN IMAGINARY 2:1 PLANE FROM THE BOTTOM OF A FOOTING MAY RESULT IN INSTIBILITY OF SETTLEMENT OF THE FOOTING. ANY PLACE WHERE THIS OCCURS SHALL BE FREVENED BY THE GEOTECHNICAL ENGINEER IN THE FIELD.

THE CONTRACTOR SHALL GIVE THE COUNTY, AND UTILITY AGANCES THO (2) DAYS ADAVIORS OND USE SPROKES. THE CONTRACTOR SHALL REQUEST STANKIN SERVICES FROM THE CONSULTING DROINERR AT LEAST THO (2) WORKING DAYS PRIOR TO STAKING.

EARTHWORK QUANTITIES SHOWN HERBIN ARE APPROX. AND MAY OR MAY NOT BE CORRECT, THE CONTRACTOR SHALL INVESTMENT THE THE SHARENCH TO RETURNENT COUNTITIES TO HIS SHATISACTION PROBY TO BIDDING. NO ADDITIONAL COMPENSATION MILL BE MADE FOR ANY EXPORT OR IMPORT REQUIRED.

14. TEMPORARY EROSON AND SEDIMENTATION CONTROL FACILITIES SHALL BE COMPLETELY IN PLACE PRIOR TO GOTGOBER 1, AND SHALL BE OBJUGENTY MANITAMED TO BYSURE EFFCINENESS THROUGH ARRU, 30TH.

TO, TO, UNESS SECTIONAL YANG TOOL WHENDER THE OFT DEMERSE, HOUGH OF WERE SHALL BE LANTED TO THE FOUNDS OF TO ZP LAY. UNDOLY THEODOL FRONT, YOU TO ZP LAY. TO SELVE ALL COCK OF THE TOP TO ZP LAY. THE COLOUR SHALL COCK OF THE TOP CHANGES SHOW (FACE AND THE SELVE THE SE

ALL DRAINAGE AND GRADING IMPROVEMENTS SHALL CONFORM TO THE CONDITIONS OF THE GRADING PERMITS AND ANY OTHER GOVERNMENTA PERMITS SECURED BY THE OWNER FROM THE CITY, COUNTY AND/OR?

1. UTILIY SERVICE SHALL BE INSTALLED PER JOINT TRENCH PACKAGE AS ARPOYDE BY FOR A EAND OTHER UTILITY, AGENCIES. ALL WORK WITHIN PUBLIC RIGHT OF WAY SHALL BE PER CITY STANARDS. SIZE OF NEW SERW TO BE DETERMINED BY PGARE. SEE ELECTRICAL PLANS.

STENING SERVER WINN WINK LINES TO BE ABMOONED FOR COUNTY STANDARDS. NEW F. SERVICE AND CONTRACTOR SHALL BE INSTILLED FOR COUNTY STANDARDS. NEW F. SERVICE AND CONTRACTOR SHALL DELWANDED FOR COUNTY STANDARDS. PROOF OUT OF CONTRACTOR YERSY WIN ARCHITECTURE YERS ONLY STANDARDS FROM FOR COGNINITY STANDARD FROM TO COGNINITY STANDARD FROM THE COUNTY STANDARD

4. CONTRACTOR SHALL COORDINATE A "TEMPORARY" SEWER SYSTEM, FOR THE EQSTING GOLF COURSE SNACK SHACK, TO BE FUNCTIONAL DURING CONSTICTION.

ALL DOWN SPOUTS SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM, AS SHOWN ON PLAN. ALL PRE SHALL BE 4" PVC SOR 35 PIPE ON SHOUNELYS. SEE ARCHITECTURAL PLANS FOR EXACT LOCATION OF THE DOWN SPOUTS.

8. EXISTING WATER SERVICE, FROM GOLF COURSE TO BE UPGRADED AND PLATNED BY OWNER, TO YARD, TO THE CONNECTION POINT DESIGNATED ON PLATN. 9. FIRE SPRINKLER SERVICE TO BE INSTALLED PER PLUMBING PLAN, WITHIN BUILDING PERMIT DOCUMENTS.

EARTHWORK TABLE	τno	III.
BUILDINGS	1,800 CY	0 CY
DRIVEWAY	1,080 CY	420 CY
REAR/FRONT/SIDE YARD	120 CY	2,580 CY
TOTAL	3,000 CY	3,000 CY
EXCESS MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A LEGAL MANNER. EASTHWORK QUANTITIES HAVE BEEN PROVIDED FOR PLANNING DIPPOSES ONLY. CONTRACTOR SHALL ESTIMATE HIS/HER	BE DISPOSED EARTHWORK PROVIDED S ONLY.	

ALL GRADING WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS AND RECOMMENDATIONS CONTAINED IN THE PROJECT SOILS REPORTS PREPARED BY.

AND ALL REVISIONS.

THE SOLLS ENGINEER SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF GRADING OPERATIONS.

25. DOLYMINE SHALL READENIN TO SEGRE READENIN ON SECRETICATION OF STATE OF

24, ALL MATERIALS SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR UNLESS OTHERMISE NOTED.

23. CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (U.S.A.)
(PHORE BOD-642-2444) AT LEAST TWO (2) WORKING DAYS PRIOR TO
THE COMMENCEMENT OF ANY CONSTRUCTION WORK TO VENEY
LOCATIONS OF EXISTING UTILITIES.

A REPRESENTATIVE OF THE SOLS BROMERS SHALL BE ON SITE.
DURNE ORGANIC OPPERATIONS AND SHALL PREPROM SHOTH TESTING
STREAM SHALL SESSENT THE REPRESENTATIVE OF THE SOLS.
BROMERS SHALL SESSENT EN RESPONSENTATIVE OF SOURTONS
THAT SHOULD BE CONSECTED, AND DESIRTY THOSE COMMITTORS
WITH RECOMMERCED OFFICETH RESPONSE OF THE CONNETTORS THAT SHOTH OFFICETH RESPONSE
WHE CONSENTIALITY OF SAME MATERIAL THOSE CONTINUES THE CONSENTIAL SHOTH OFFICETH RESPONSE.

AN ENCROACHMENT PERMIT FROM THE CITY OF DAILY CITY IS REQUIRED FOR ANY WORK PERFORMED WITHIN THE CITY RIGHT-OF-WAY.

HE SITE STO PROJECT HE OWNER, A COMMUNIC SURVEY OF THE SITE STO PROJECT HE OWNER, A COMMUNIC SURVEY OF THE SITE STO PROJECT HE OWNER, A COMMUNIC SURVEY OF THE SITE STO PROJECT HE OWNER, AND PRESE STORT HE OWNER	ESEP SSION S
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ALL STREET MOUNDERTS AND OTHER PERMANENT WOUNDERTS DISTURBET UNDINKENTS AND OTHER PERMANENT WOUNDERTS DISTURBED BY A LICENSED CALFORNIA SURVEYOR OR ONL, BIGNHER AT THE CONTRACTOR'S SOLE EXPRISE PRIOR TO ACCEPTANCE OF THE MIMPROGRAPHS OF THE CITY'S OR COMITY'S ROMAREN.

CONTRACTOR SHALL ADJUST ALL EXISTING MANHOLES, FIELD INLETS, AND OTHER CASTINGS TO FINISH GRADES, IN BOTH PAYEMENT AND LANDSCAPED AREAS.

ALL DECKS, WALKS, PORCHES, AND LANDSCAPING SHALL SLOPE A MINIMUM OF 2% AWAY FROM BUILDING.

CONTRACTOR TO VERIFY ALL CONTROLLING DIMENSIONS AND SETBACKS WITH ARCHITECTUAL PLANS.

GENERAL NOTES

TOPOGRAPHIC INFORMATION PROVIDED BY KCA ENGINEERS, INC., JANUARY 2017.

OWING RECORDS AND WILL MOME CITAGE NOR OWER SESOATION AWARE INAT DAMAGE FAULTIS WILL KEEN TO BE CLEADED STEEL OF THE STSTELL ALL ODSFINCTION WILL MOMENT OF THE OWER OWN THE OWN TO SHALL CONSTRUCTION WILL STSTELL CHARL AND WETHORS SHALL CONSTITUTION WILL STSTELL CHARL AND WETHORS SHALL CONSTITUTION TO STRONG SHALL CHARL THE INSTALLED IN ACCIDENANCE WITH THE PERMITTED PLANS.

PRIOR TO FINAL PREPARATION OF THE SUBGRADE AND PLACEMENT ANNEX SATISFACT STREET, ALL INDEPERSOON OF THITTY MANS SHALL BE INSTALLED AND SERVICE CONNECTIONS STREED OUT. STALL BE INSTALLED IN A MANNEX MICH WITHOUT STALL BE INSTALLED IN A MANNEX MICH WITHOUT STALL BE INSTALLED IN A MANNEX MICH STREET PAYABERT WHEN WITH VOT DISTURBED THE STREET PAYABERT WHEN STREET PAYABERT PAYABERT WHEN STREET PAYABERT WHEN STREET PAYABERT PAYABERT WHEN STREET PAYABERT WHEN STREET PAYABERT WHEN STREET PAYABERT PAYABAT PAYABERT PAYABERT PAYABAT PAYABERT PAYABERT PAYABAT PAY

OVIDE S SHALL

1. THE CONSULTING ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSELE FOR, OR LUARE FOR UNAUTHORIZED GLANKES TO GO VISES PLANS, ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

2. NO FELD CHANGES SHALL BE MADE WITHOUT PRIOR AUTHORIZATION FROM THE COUNTY AND PROJECT OWN, ENGINEER, THE CONTRACTOR SY RELL DESPONSIBLE FOR WAY FELD, CHANGES MADE WITHOUT PRIOR WRITTEN APPROVAL FROM THE COUNTY AND CIVIL ENGINEER.

ALL TRUCKS TRANSPORTING FILL MATERIAL SHALL BE COVERED OR PROTECTED IN SUCH A WAY AS TO PREVENT SLUFFING AND/OR SPILLAGE.

7 CONTRACTOR SHALL PLAN, CREATE, AND MAINTAIN A "CONTRACTORS SHALL BE INFORMED OF RULES AND RELUCIOUS CONTRACTORS SHALL BE INFORMED OF RULES AND RECLULATIONS CONFERNMEN MAINTIORY WASH OUT AREAS. NO WASHING OUT IN PUBLIC RIGHT OF WAY SHALL BE PERMITTED.

CONTRACTOR SHALL BE RESPONSIBLE FOR FOLLOWING "BEST MANAGEMENT PRACTICES" ON AND OFF SITE AT ALL THESE, CORRECTORS TO ON AND OFFSITE BUP OPERATIONS SHALL BE CORRECTED, AS DEMED NECESSARY BY THE COUNTY.

C. PLANTER DRAINS - 12" NDS SQUARE DRAINS WITH ATRIUM GRATE.

E. GARAGE DRAIN INLET - JENSEN 24"X24" DROP INLET WITH CAST IRON, TRAFFIC LOADING OR EQUAL.

		SHEET INDEX	NDEX
ΩT	FILL	9.5	CIVIL AND CENEBAL NOTES
1,800 CY 0 CY	0 С	C-1.0	LAYOUT PLAN
		C-1.1	GRADING AND DRAINAGE PLAN
1,080 CY	420 CY	C-1.2	GRADING AND DRAINAGE PLAN
vapn 120 CY	2 580 CY	C-1.3	UTILITY PLAN
		C-1.4	UTILITY PLAN
		C-2.0	EROSION AND SEDIMENT CONTROL PLAN
3,000 CY	3,000 CY 3,000 CY	C-2.1	EROSION AND SEDIMENT CONTROL PLAN
SHALL BE		C-3.0	CIVIL DETAILS
TE AND DISPOSED		C-3.1	CIVIL DETAILS
INNER. EARTHWORK		C-3.2	CIVIL DETAILS (COUNTY)
BEEN PROVIDED		0.33	CIVIL DETAILS WASH AND FITEL AREA
RPOSES ONLY.		9	RMP CHECKLIST
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35. PRIOR TO COMPLETION OF THE WORK, THE BUTBE WORK
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AND MEATLY GAVED SHRACE REE OF CONSTRUCTION WASTE, RUBBES,
AND DEBRIS OF ANY MATURE, AT ON THE SHALL ANY CONSTRUCTION
WASTE OR DEBRIS, RAW MATURE, AT IN

BE COMPAGEMENT FORMER SHALL SHALL SHALL SHORTED IN THE COMPAGEMENT FOR SHALL SHALL SHANGS OF SHA

THE CONTRACTOR SHALL CONTAIN HIS OPERATION WITHIN THE STEE DURING FACULITS EXTINEED, CARE TO PRESENT AND PROTECT BUSING FACULITS. CONTRACTOR SHALL REPORTS ALL DAMAGES THE STRUCTURE OF THE CONTRACTOR SHALL REPORTS OF THE RECORDING FROM THE STRUCTURE OF THE CONTRACTOR OF THE CONTRACT

THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL COORDINATE WITH I OWNER FOR HER EXPONDING OF MATERIAL MEDICAL DE COMMENTER THE PROJECT IMPROPABEITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAND LOSSOAL OF ALL PROCEST SHALL BE PROJECT SHE FINANCIAL SHALL BE RESPONSIBLE FOR THE PROJECT SHE FINANCIAL SHEET FINANCIAL SHEET SHAMMING SKICSS SAIL, ETC.)

NO GRADING SHALL BE PERMITTED ON THIS SITE UNTIL AN EROSION CONTROL PLAN HAS BEEN PREPARED BY THE OWNER AND APPROVED BY THE COUNTY.

NO GRADING WORK SHALL BE PERFORMED BETWEEN THE PERIOD OF OCTOBER AND APPRIX 20 INMERSES SPECIFICALLY PERMITTED IN WRITING BY THE COUNTY BURNEER IN CONJUNCTION WITH AN APPRIXED EROSON CONTROL PLAN.

I.S. N. THE EINT THAT INSTRUC OR ARCHGLOGOLA, RATIVICTS AND WONDERD DURNEN GARDEN ATTHITIEST, LIWEN SHALL SIDE AND COLUMN DANASHER, AND ECCEL OR INSTRUMENT ARROWSHER, AND ECCEL OR INSTRUMENT AND ECCEL OR INSTRUMENT OF THE RESIDENCY OF READON ACTIVITIES THE ELABORITY OF GARDON ACTIVITY OF GARD ACTIVITY OF GARD ACTIVITY OF GARD ACTIVITY OF GARDON ACTIVITY OF GARD ACTIVITY OF GARD ACTIVITY OF GARD ACTIVITY OF GARDON ACTIVITY OF GARD ACTIVITY OF GARD ACTIVITY OF GARD ACTIVITY OF G

L. LUCKOTI NOTINE SAUL, RE PROVIDED RY OWNER WITH ONE SET OF SURVEY STATES OF STATES O

CONTRACTOR SHALL POST ON SITE EMERGENCY TELEPHONE NUMBERS FOR THE CITY, CAL WATER, AMBULANCE, POLICE, POLICE, AND FIRE DEPARTMENTS.

EXSTING PEDESTRIAN WALKWAYS, BIKEPATHS AND HANDICAP ACCESS PATHWAYS SHALL BE MANTANED DURING CONSTRUCTION TO THE SATISFACTION OF THE COUNTY ENGINEER.

TRENCHES SHALL NOT BE LEFT OPEN OVERNICHT IN EXISTING PUBLIC STREET AREAS, CONTRACTOR SHALL BACKFILL INENCHES, OR PLACE STEEL PLATING AND/OR HOT-MIX ASPHAT REQUIRED TO PROTECT OPEN TRENCHES AT THE END OF THE WORKING DAY.

WORK SHALL NOT BEGIN LINTIL ADEQUATE TEMPORARY BARRICADES, BARRERS, FROTECTIVE WINDSDEELS, WARRING SIGNS, LIOHTS, OR OTHER SLOT TRAFFIC WARRING AND CONTROL DEVICES ARE IN PLACE.

14. ALL REASONS TO THESE PLANS MUST BE REVIEWED AND APPROVED IN WINNER BY THE OWNER, OWNER, AND EMBERT AND THE GOUNTYS ENABLES PRIOR TO CONSTRUCTION OF AFECTED TRUE. REVISIONS STATES SOME WIN RESED PLANS WITH A BEAUSTAILT SOME WIN RESED PLANS WITH A DELIA, DATE AND APPROVIL TRUE COUNTYS ENGINEER.

CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY OF THE PROJECT "STOCKPILE AND STORAGE AREA"

ALL SEWER WORK TO BE IN CONFORMANCE WITH COUNTY STAND

5. ALL STORM ORAIN PIPE SHALL BE PVC SOR 35, SLOPED AT 1% UNLESS NORWES SPECIFIED ON THE TANIS, PIPE SALL BE SAZED AS SPECIFIED ON THE PLANS, ALL DIRECTION CHANGES SHALL BE MADE WITH A WYE CONNECTION, ELBOWS AND TEE'S SHOULD BE ANOIGED.

ALL KNOWN DYSTRING UNDESPROADING UTLIES SKIOWN ON THE PLAA JAKE THOW ANALABEE RECORD INTOWN THE CONTRICTOR SHALL RROCED WITH DEEP CAUTION DEFINED ALL UNDESPROADING OFFERNINGS BOTH LEAST-ALL CAUTION DEPARTMENT OF THE SALES AND CONTRICTION TO THE SALES AND CONTRICTION OF THE SALES AND CONTRICTION TO THE SALES AND CONTRICTION THE SALES AND CONTRICTION TO THE SALES AND CONTRICTION THE SALES A

HAND TUNNELING/DIGGNG MAY BE REQUIRED FOR EXCAVATION WORK IN WHICH EXISTING UTILITIES ARE WITHIN 24" OR LESS VERTICALLY OR HORIZONTALLY OF THE TRENCH LINE.

CONTRACTOR SHALL COMPLY WITH ALL STATE, COUNTY AND CITY LAWS AND CROINANCES, AND REQULATIONS OF THE STATE DEPARTMENT OF NUDSTRIAL RELATION, O.S.H.A. AND THE STATE INDUSTRIAL ACCIDENT COMMISSION.

ELEVATIONS, LOCATIONS, AND SIZES OF ALL EXISTING UTILITIES WHICH ROOSS THE LING OF CONSTRUCTION SHALL BE VERFIED BY THE CONTRACTOR ROOM TO THE CONTRACTOR AFFECTING SAUD LINES.

NO WEST SHALL SET STORING WAS THEY WE COME WHO MOUST DO SE ELONGO ON THE BARROLDEN PANS. E. ANY TREES HE TO SE SENDED THE CANA MOST SET, AND MOUST DO SET HOT THE ANAMAC INSPENDENT, ALL OFFICHMENT OF THE CANAMAC INSPENDENT. SO FOR THE MARROLDENISTS, OF COMPANDENT OF THE CANAMAC INSPENDENT. SO FOR THE MARROLDENISTS SECONDAIRM COMPANDENT OF THE CANAMAC INSPENDENT SECONDAIRM COMPANDENT OF THE CANAMAC ADMINISTS.

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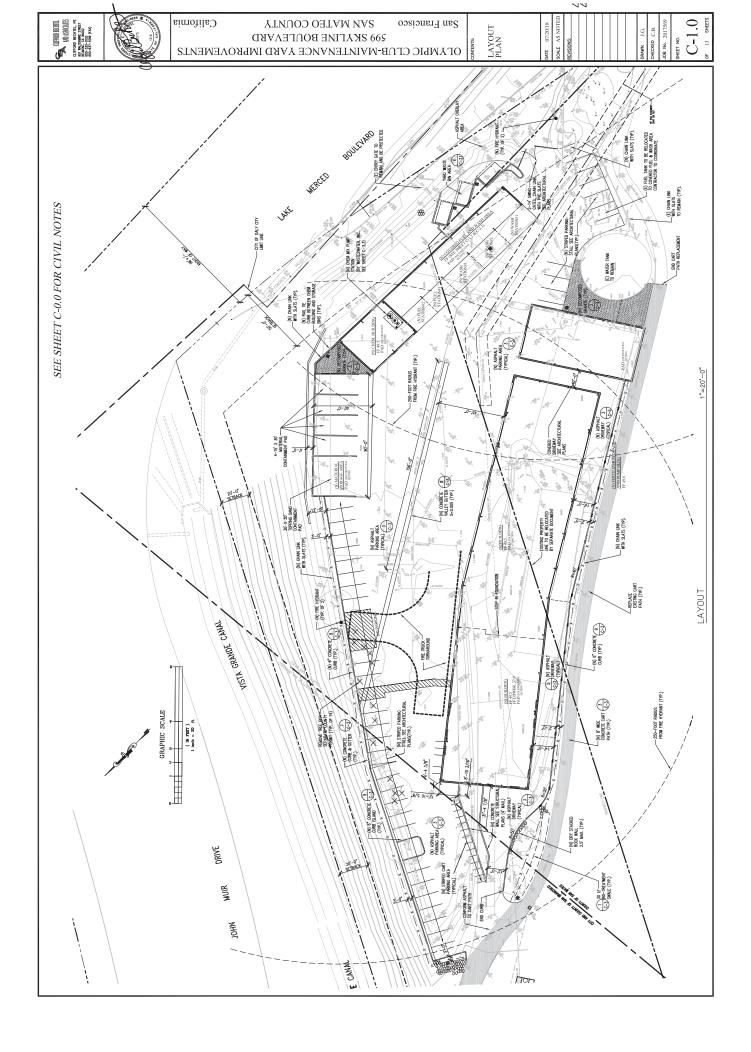
19. ALL EXISTING STREETS, ROADWAYS, AND TRAILS SHALL BE KEPT FREE OF BUILDING MATERIALS AND DEBRIS UNLESS AJTHORIZED OTHERWISE IN WRITING BY THE OWNER OF THE FACILITY (I.E. GITY, COUNTY, OWNER NEGREDOR).

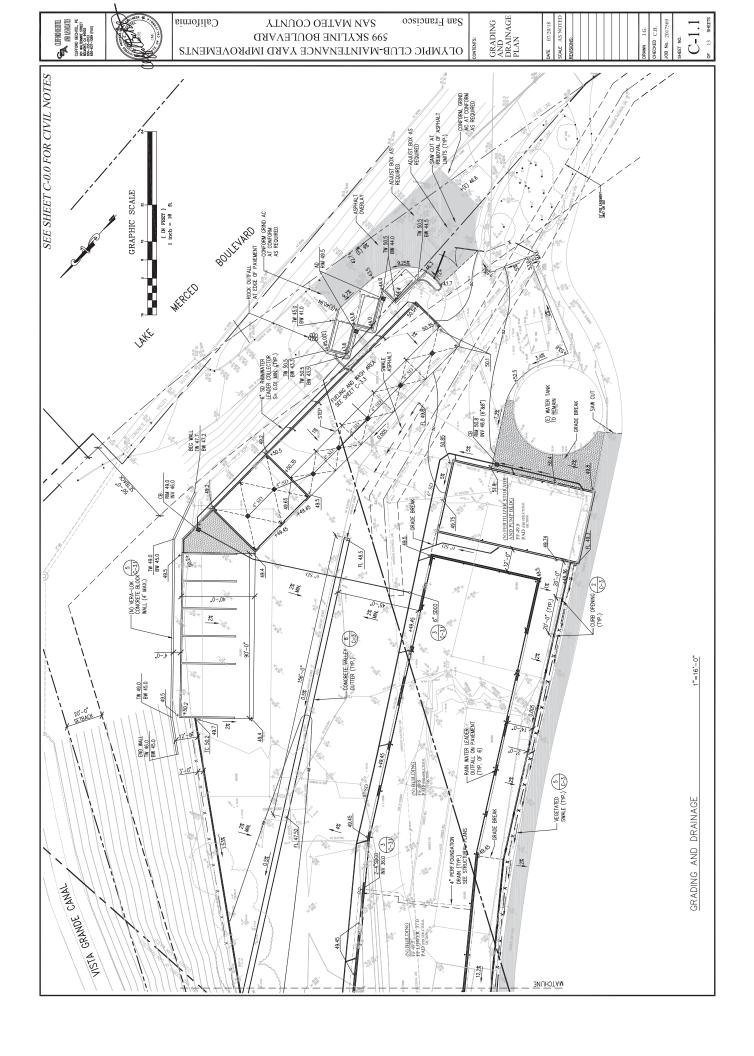
Contractor shall insure positive drainage to erosion protected drainage faculties at all times during the grading activities until the acceptance/final of the project.

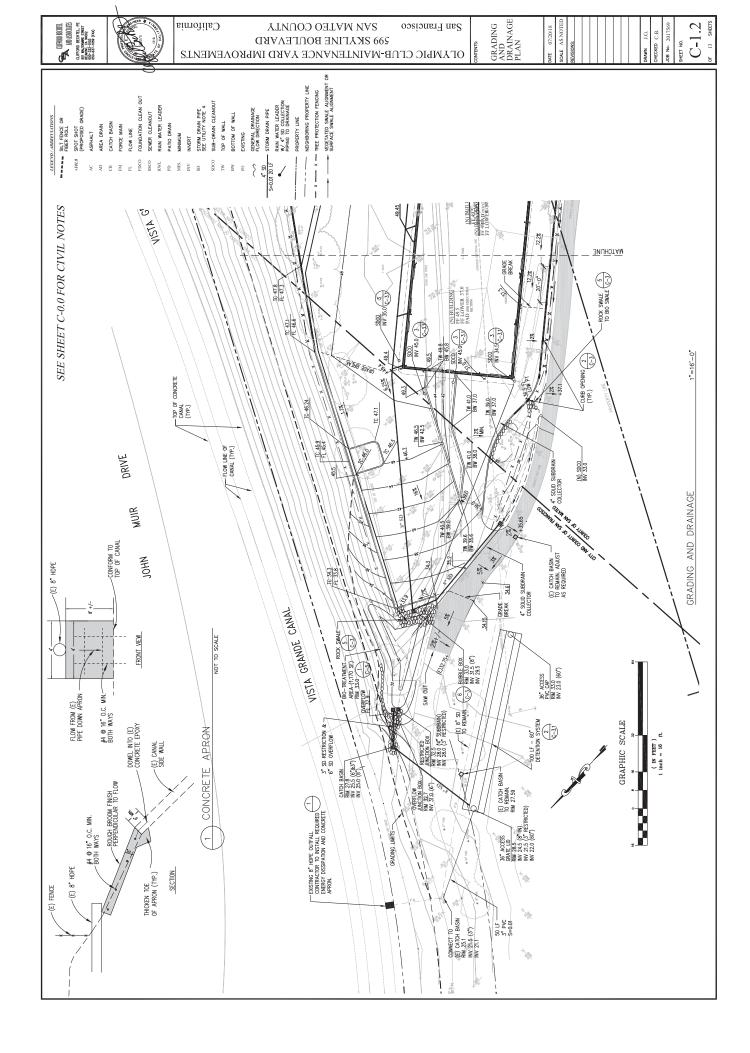
21. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND LICENSES TO DO WORK WITHIN THE COUNTY OF SAN MATEO. IF REQUIRED, PRIOR TO THE START OF CONSTRUCTION.

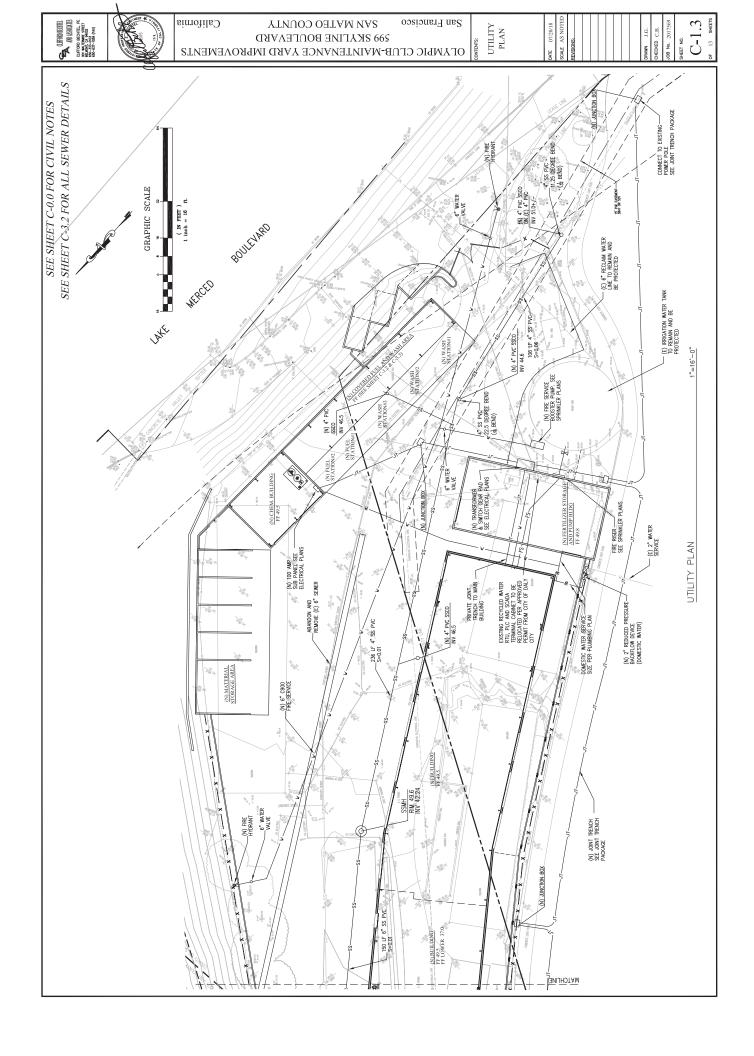
III.EXISTING CONDITIONS

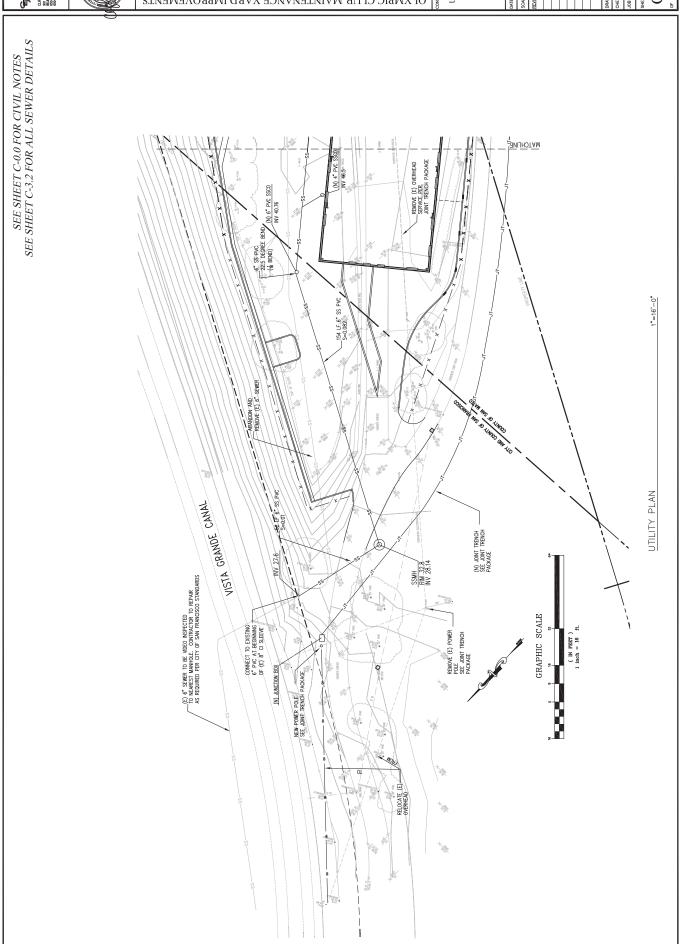
7. NEW 6" FRE SERVICE STUB, FROM EXISTING RECLAM WATER LINE, SHALL BE INSTITUTED BY CALIFORNIA WATER DEPARTMENT. CHARACIOR 10. OCCORDINATE INSTILLATION OF 6" FRE SERVICE LINE, WITH 2 FIRE HYDRANTS, PER THE LANCK AND IN ACCORDANCE WITH CALFORNIA WATER DEPARTMENT'S POBJECTED BY AND ACCORDANCE WITH CALFORNIA WATER DEPARTMENT'S DEDIRECTION.















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San Francisco SAN MATEO COUNTY California

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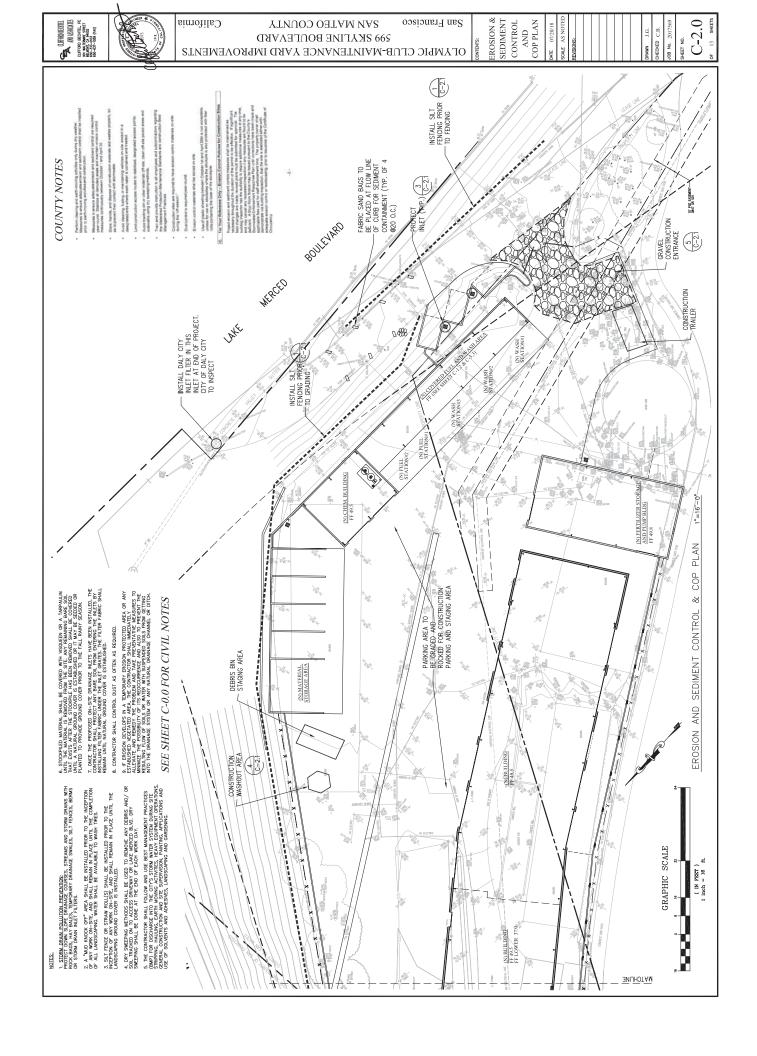
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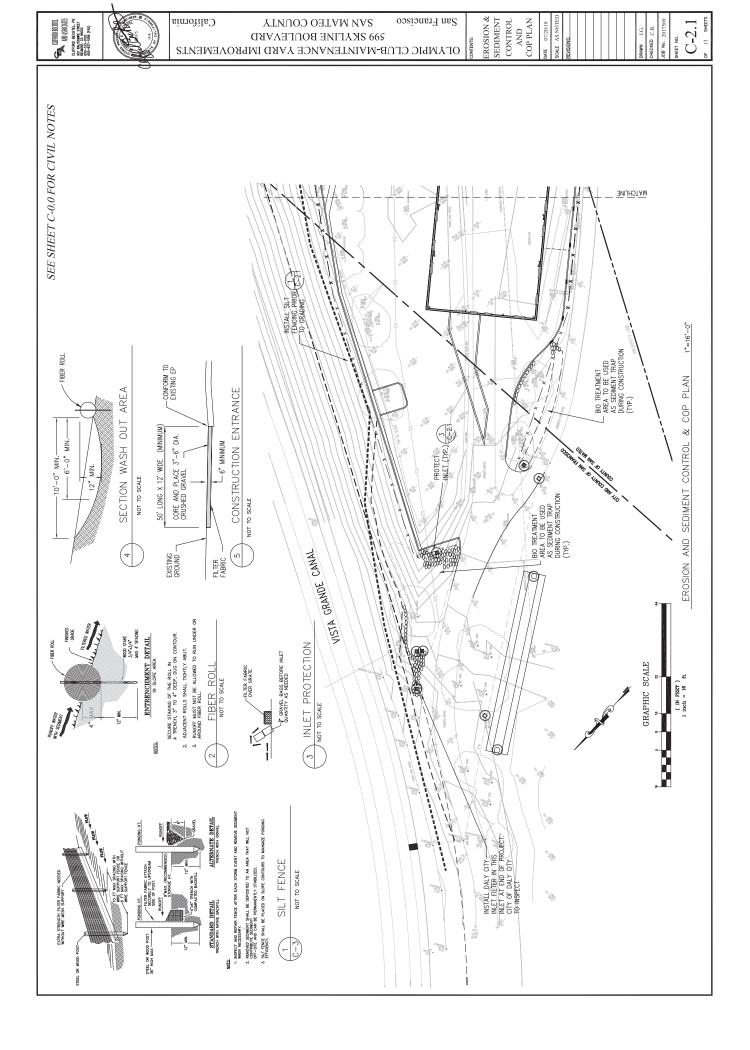
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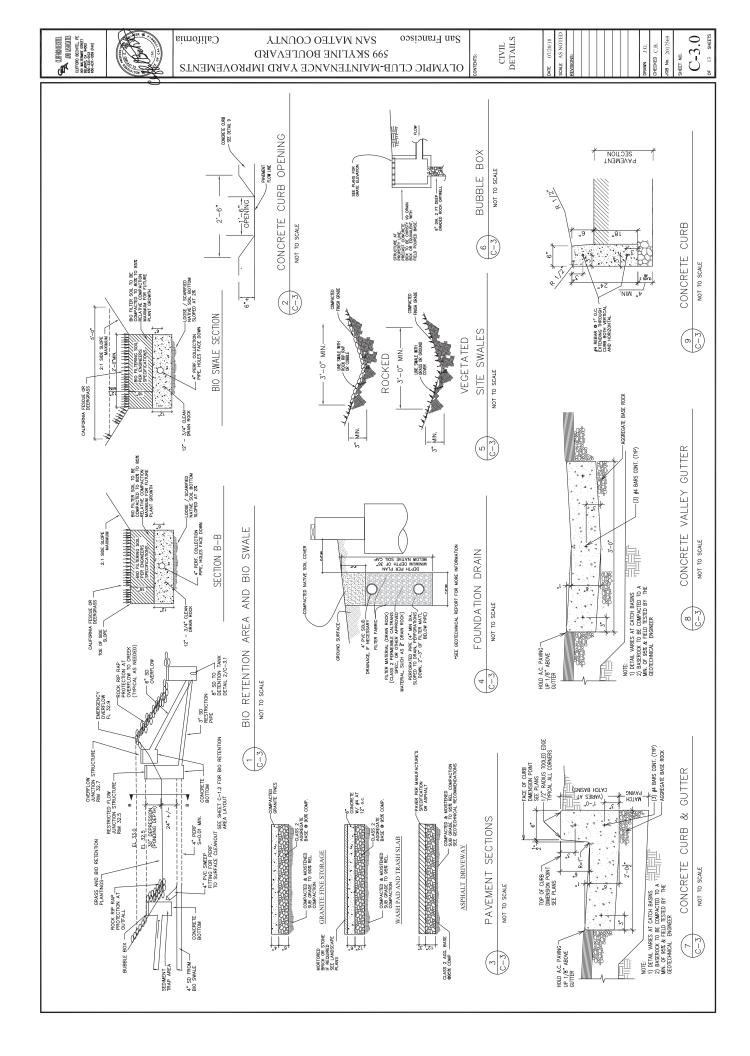
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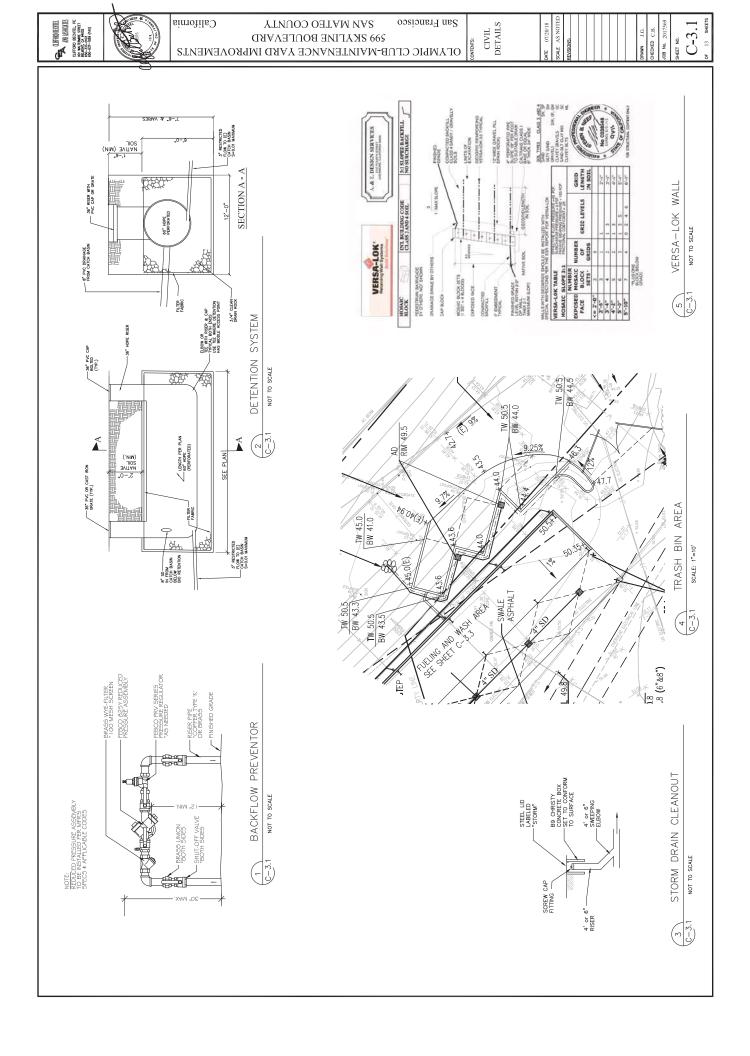
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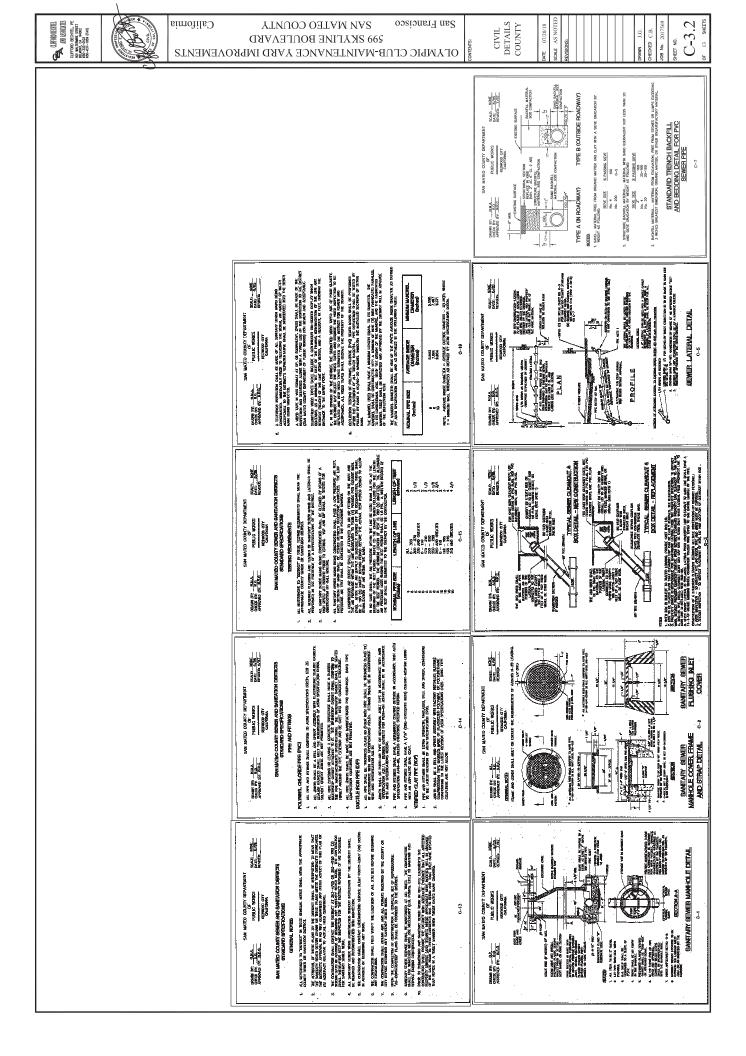
OF 13 SHEETS

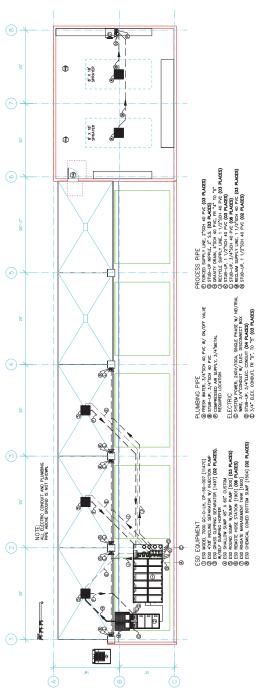












Construction projects are required to implement the stormwater best management practices (BMP) on this page, as Construction Best Management Practices (BMPs)

they apply to your project, all year long.

Equipment Management & Spill Control Materials & Waste Management



Maintenance and Parking

Designate an area, fitted with appropriate BMPs, for vehicle and equipment parking and storage.

☐ Perform major maintenance, repair jobs, and vehicle and equipment washing off site.

☐ Bern and cover stockpiles of sand, dirt or other construction material with tarps when rain is forecast or if not actively being used within

Non-Hazardous Materials

□ Use (but don't overuse) reclaimed water for dust control.

- onsite, work in a berned area away from storm drains and over a drip pan or drop cloths big enough to collect fluids. Recycle or dispose of fluids as hazardous waste. ☐ If refueling or vehicle maintenance must be done
 - If vehicle or equipment cleaning must be done onsite, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or surface waters.

□ Store hazardous materials and wastes in water tight containers, store in appropriate secondary containment, and cover them at the end of every work day or during wet weather or when rain is forecast.

pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, county, state and federal regulations.

□ Label all hazardous materials and hazardous wastes (such as

Hazardous Materials

☐ Do not clean vehicle or equipment onsite using soaps, solvents, degreasers, or steam cleaning equipment.

Spill Prevention and Control

materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours. ☐ Follow manufacturer's application instructions for hazardous

□ Arrange for appropriate disposal of all hazardous wastes.

- ☐ Keep spill cleanup materials (e.g., rags, absorbents and cat litter) available at the construction sie at all times. ☐ Inspect vehicles and equipment frequently for and repair leaks promptly. Use drip pans to catch leaks
- □ Clean up spills or leaks immediately and dispose of cleanup materials properly.

until repairs are made.

☐ Cover waste disposal containers securely with tarps at the end of every work day and during wet weather.

Waste Management

Check waste disposal containers frequently for leaks and to make sure they are not overfilled. Never hose down a dumpster on the Clean or replace portable toilets, and inspect them frequently for Dispose of all wastes and debris properly. Recycle materials and

construction site. leaks and spills.

□ Do not hose down surfaces where fluids have spilled Use dry cleanup methods (absorbent materials, cat litter, and/or rags).

Unusual soil conditions, discoloration

- Abandoned underground tanks. Buried barrels, debris, or trash.

- Abandoned wells

☐ If any of the following conditions are observed, test for contamination and contact the Regional Water Quality Control Board:

 Sweep up spilled dry materials immediately. Do not try to wash them away with water, or bury them. ☐ Clean up spills on dirt areas by digging up and

wastes that can be recycled (such as asphalt, concrete, aggregate base materials, wood, gyp board, pipe, etc.)

Dispose of liquid residues from paints, thinners, solvents, glues, and

 Report significant spills immediately. You are required or your local emergency response number, 2) Call the Governor's Office of Emergency Services Warning Center, (800) 852-7550 (24 hours). by law to report all significant releases of hazardous materials, including oil. To report a spill: 1) Dial 911

Sweep or vacuum any street tracking immediately and secure sediment source to prevent further tracking. Never hose down streets

to clean up tracking.

■ Establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and

onstruction Entrances and Perimeter cleaning fluids as hazardous waste.

sediment discharges from site and tracking off site.

Paving/Asphalt Work

Earthmoving

Concrete, Grout & Mortar

Application



□ Store concrete, grout, and mortar away

from storm drains or waterways, and on pallets under cover to protect them from rain, runoff, and wind.

☐ Avoid paving and seal coating in wet weather or when rain is forecast, to prevent materials that have not cured

underlying soil or onto surrounding areas. Let concrete harden and dispose of as area, where the water will flow into a temporary waste pit, and in a manner that will prevent leaching into the □ Wash out concrete equipment/trucks offsite or in a designated washout

☐ Cover storm drain inlets and manholes when applying seal coat, tack coat, slurry seal, fog seal, etc.

from contacting stormwater runoff.

□ Schedule grading and excavation work

dispose of excess abrasive gravel or sand Do NOT sweep or wash it into gutters.

□ Collect and recycle or appropriately

☐ Stabilize all denuded areas, install and maintain temporary erosion controls (such as erosion control fabric or bonded fiber matrix) until vegetation is established.

□ Do not use water to wash down fresh

asphalt concrete pavement.

or where construction is not immediately

vegetation for erosion control on slopes ☐ Remove existing vegetation only when absolutely necessary, and seed or plant

☐ When washing exposed aggregate, prevent washwater from anthems storm drinis. Block any index and vacuum guittex, hose washwater onto diri areas, or drain onto a bermed surface to be pumped and disposed of properly.

☐ Protect nearby storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or gravel bags to keep slurry

Sawcutting & Asphalt/Concrete Removal



If sawcut slurry enters a catch basin, clean

slurry and dispose of all waste as soon as you are finished in one location or at the end of each work day (whichever is

☐ Shovel, abosorb, or vacuum saw-cut

out of the sform drain system.

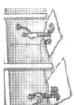
and maintaining appropriate BMPs, such as fiber rolls, silt fences, sediment basins, ☐ Prevent sediment from migrating offsite and protect storm drain inlets, gutters, ditches, and drainage courses by installin

Keep excavated soil on site and transfer

gravel bags, berms, etc.

to dump trucks on site, not in the streets

- from wind and rain by storing them under tarps all year-round. Protect stockpiled landscaping materials
- ☐ Discontinue application of any crodible landscape material within 2 days before a forecast rain event or during wet weather.
- contamination, call your local agency to □ In areas of known or suspected



California

containers into a street, gutter, storm □ Never clean brushes or rinse paint

- ☐ For water-based paints, paint out brushes to the extent possible, and rinse into a drain that goes to the sanitary sewer. Never pour paint down a storm drain.
- the extent possible and clean with thinne or solvent in a proper container. Filter an For oil-based paints, paint out brushes to reuse thinners and solvents. Dispose of excess figuids as hazardous waste.
 - ☐ Paint chips and dust from non-hazardous dry stripping and sand blasting may be swept up or collected in plastic drop cloths and disposed of as trash.

SAN MATEO COUNTY

266 SKAFINE BONFENYKD

OLYMPIC CLUB-MAINTENANCE YARD IMPROVEMENTS

□ Chemical paint stripping residue and chips and dust from marine paints or paints containing lead, mercury, or tributyltin must be disposed of as hazardous waste oval requires a sta Lead based paint re-certified contractor.



runoff from deveatering operations must be properly managed and disposed. When possible send develating discharge to landscaped act are of smithay sewer. If discharging to the sanitary sewer call your local wastewater treatment plant.

ONSTRUCTION HECKLIST

BMP

SCALE AS NOTE

MTE 07/20/18

- before discharging water to a street gutter or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required. ☐ When dewatering, notify and obtain approval from the local municipality
- determine whether the ground water must be tested. Pumped groundwater may need to be collected and hauled off-site for treatment and proper disposal.

JOB No. 201756

SHEET NO.

Painting & Paint Removal

CLIFTORD BECATEL

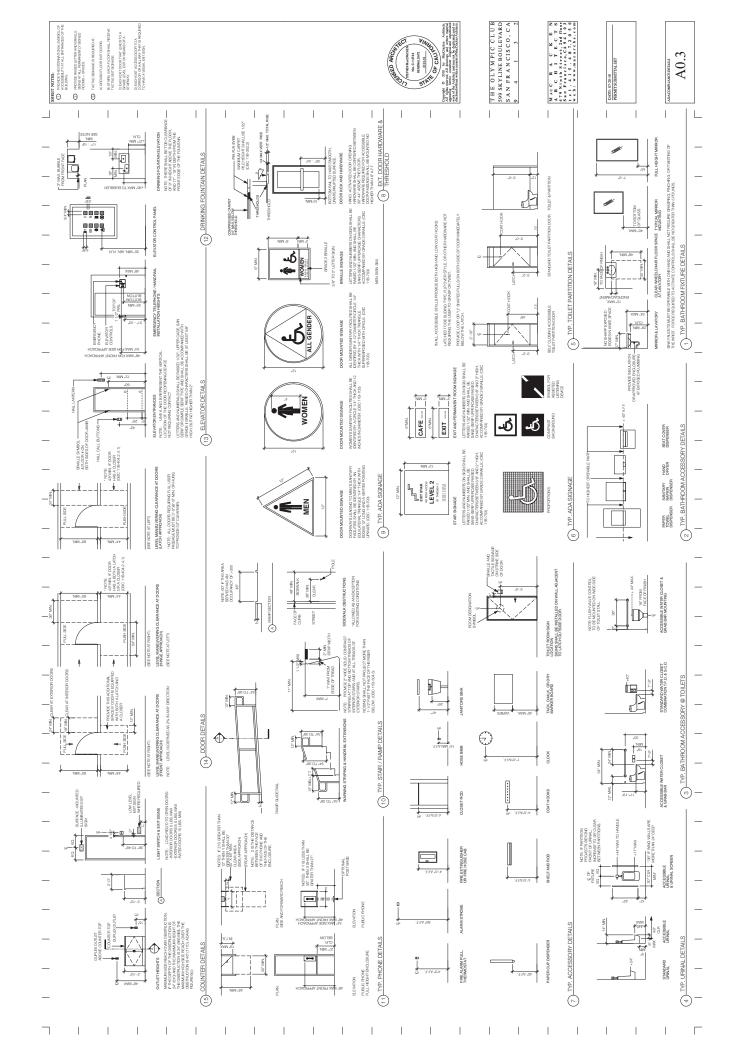
Painting Cleanup and Removal

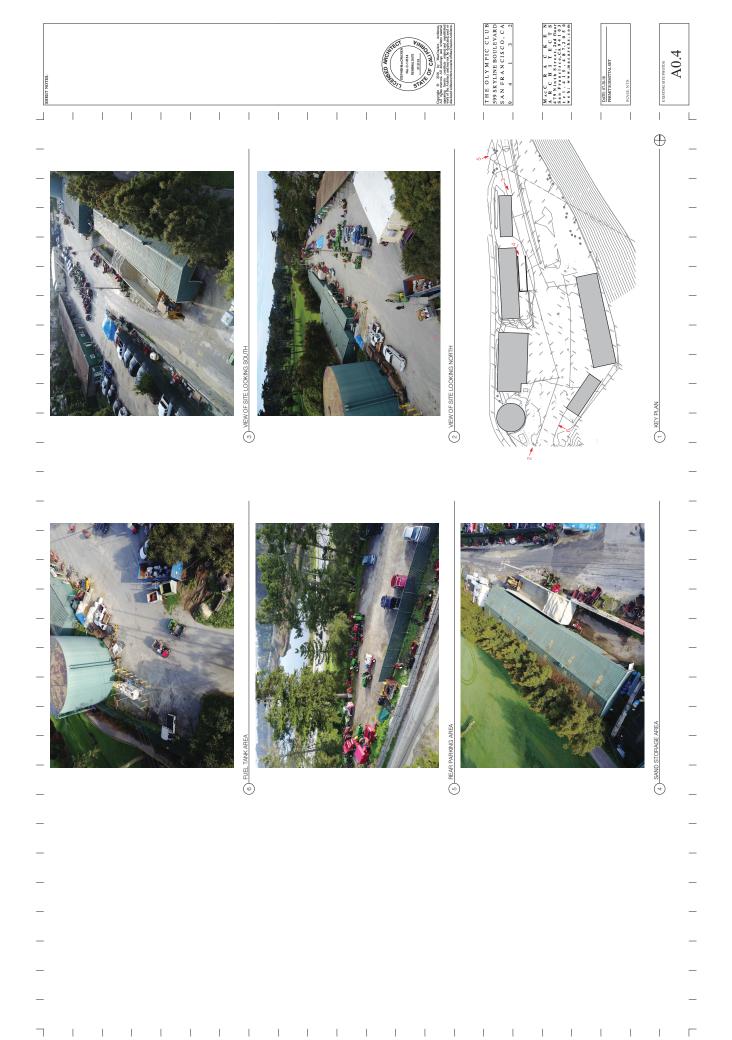


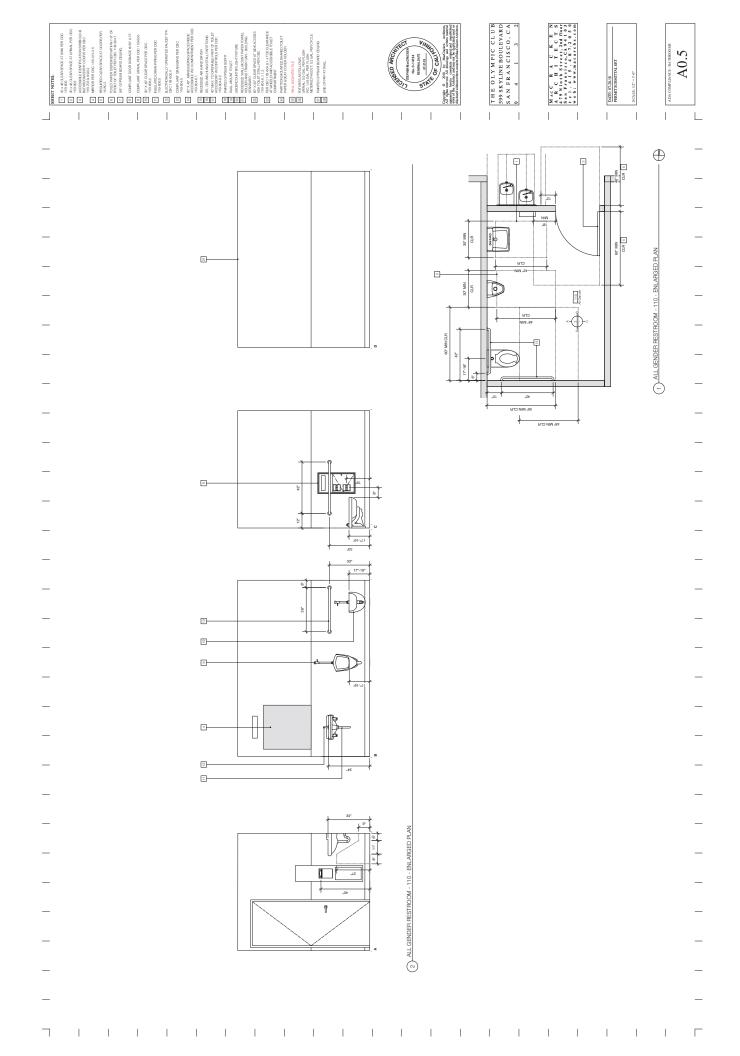
San Francisco

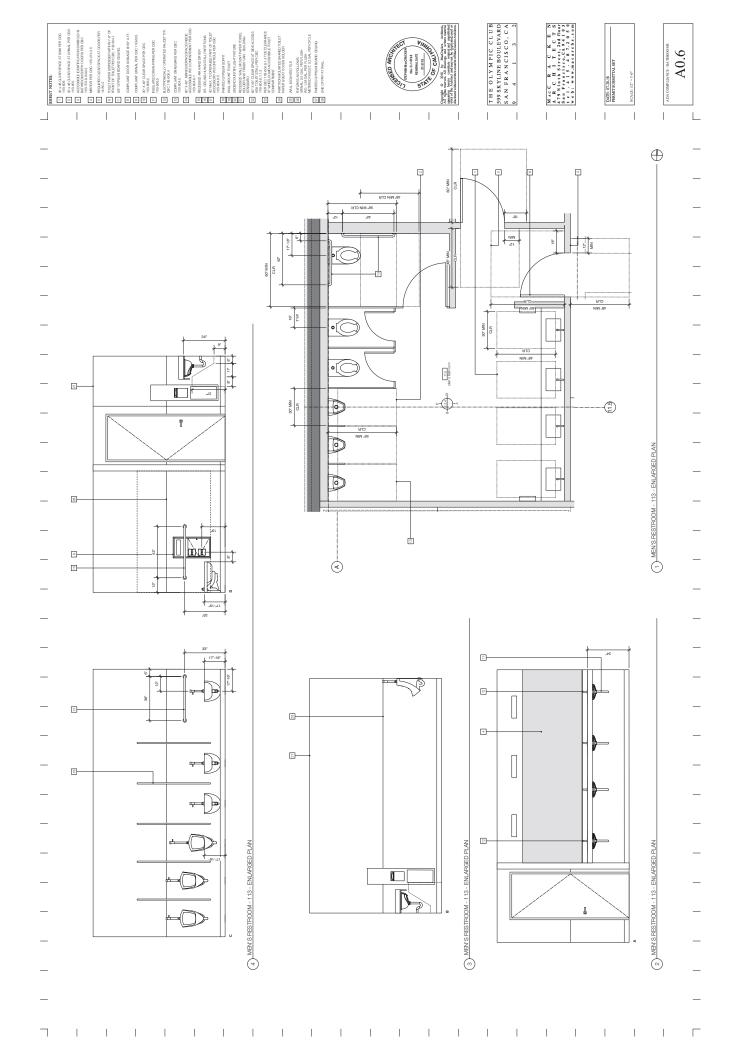
Divert nm-on water from offsite away from all disturbed areas. Stack bagged material on pallets and

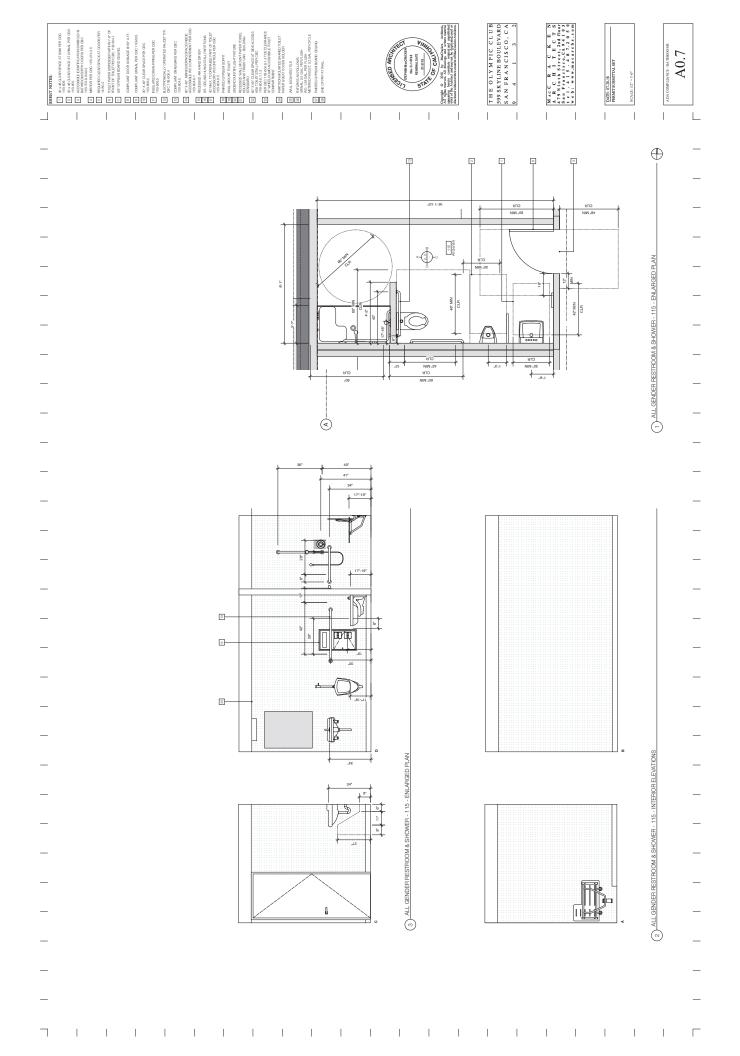
Storm drain polluters may be liable for fines of up to \$10,000 per day!

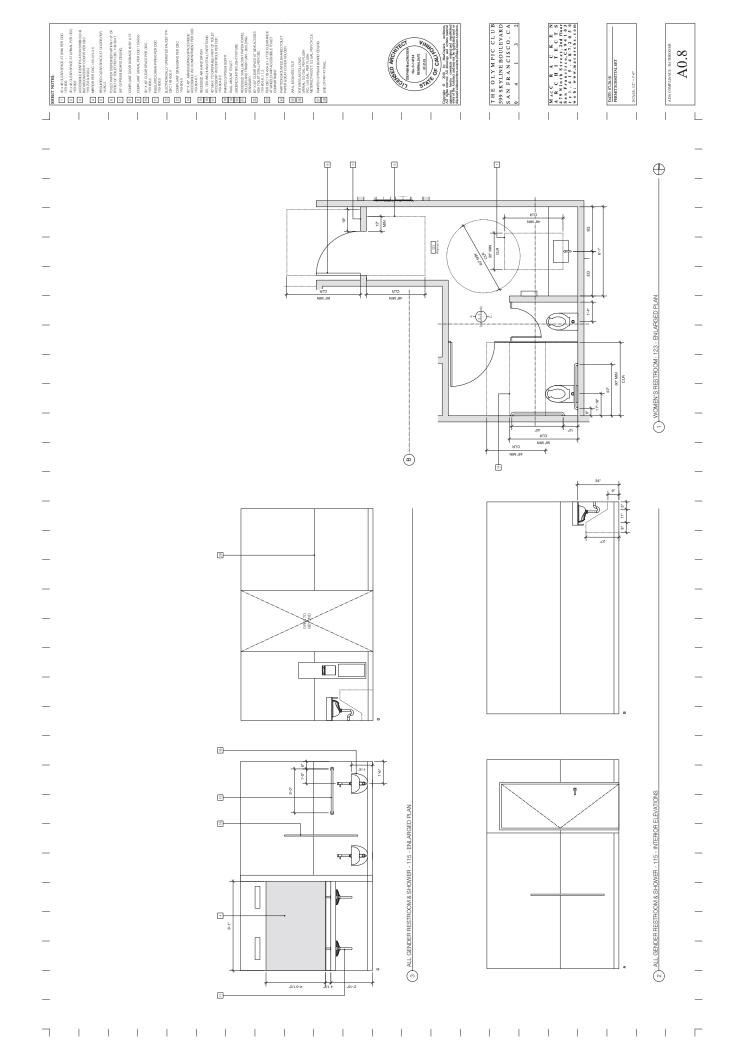


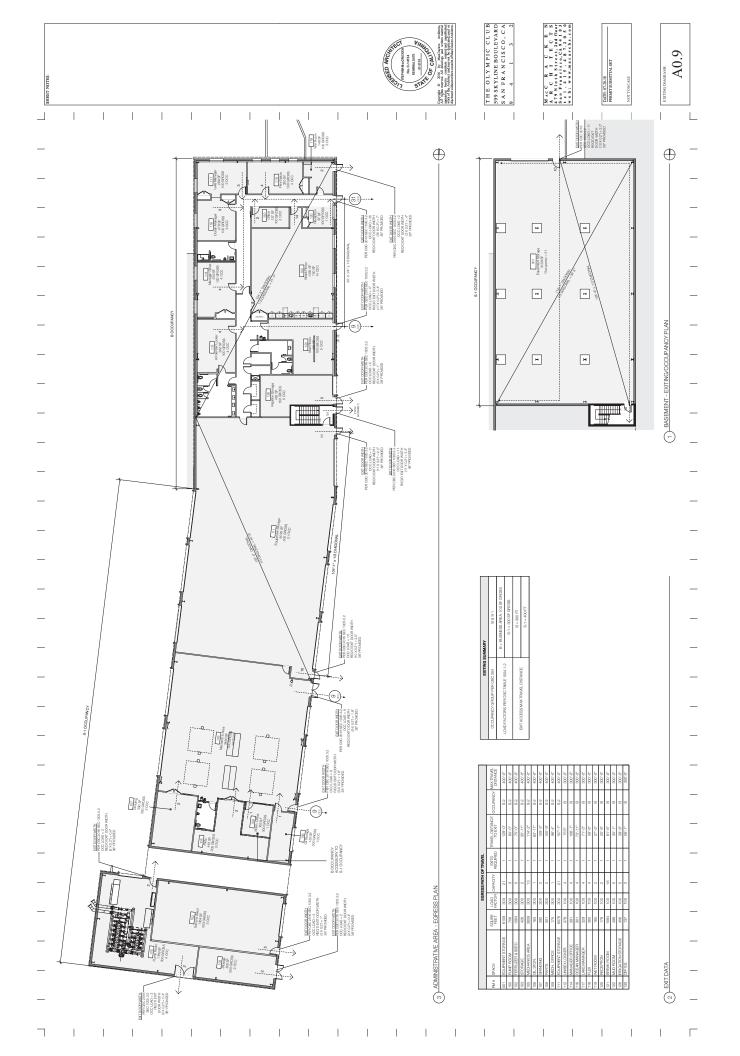


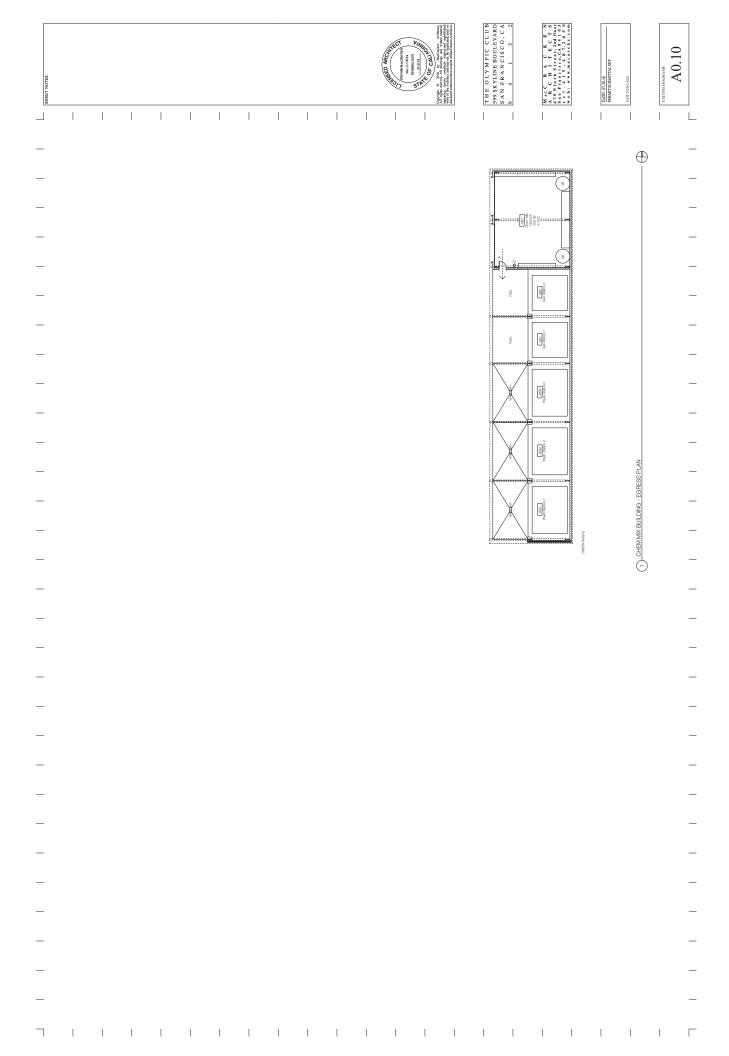


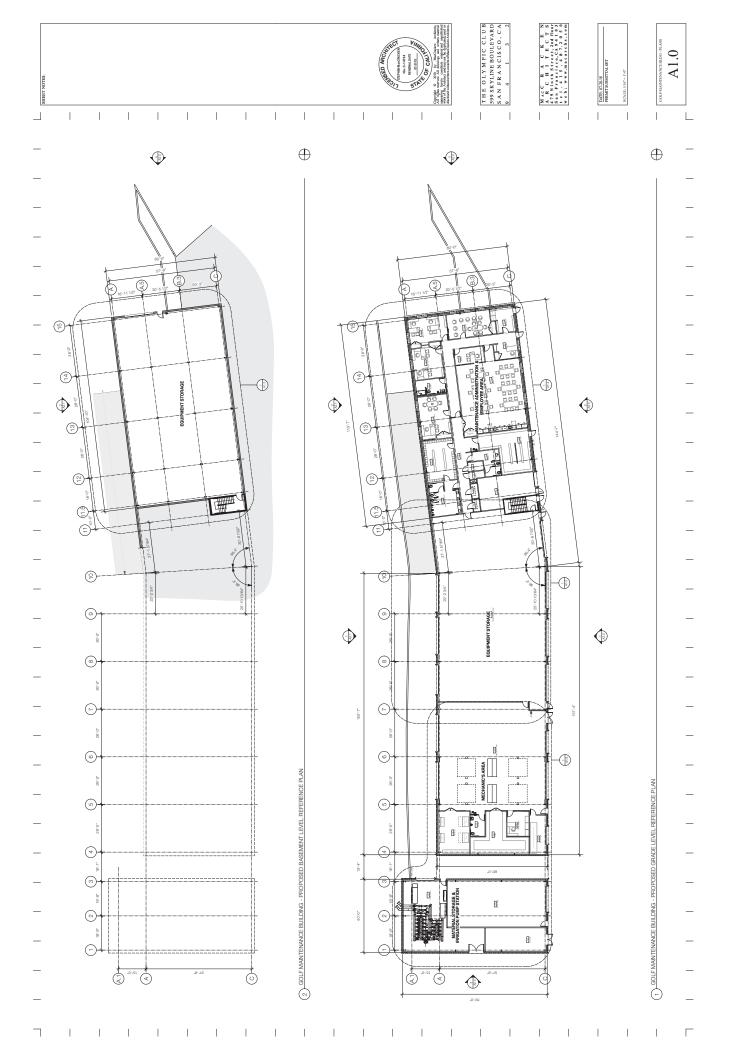


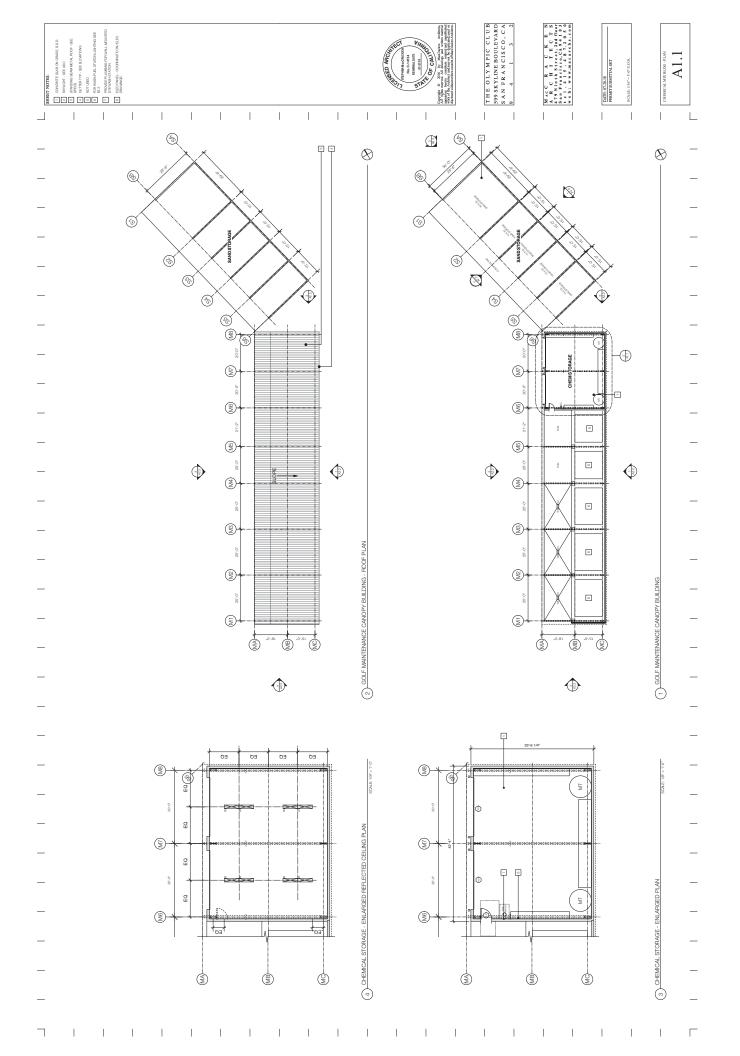


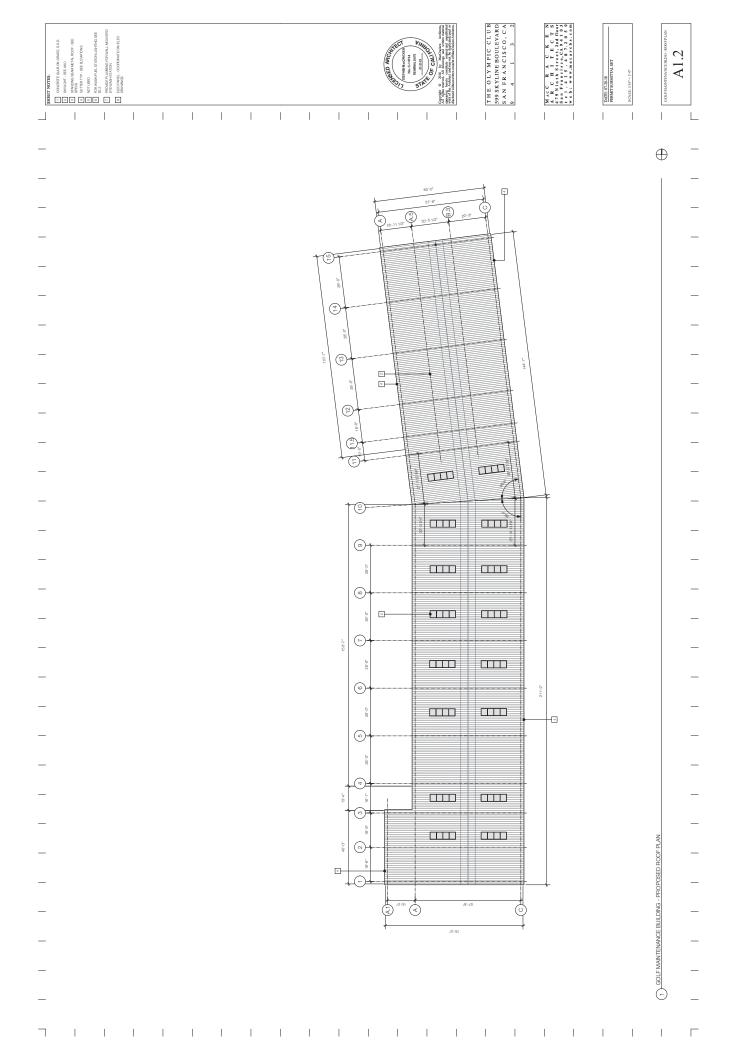


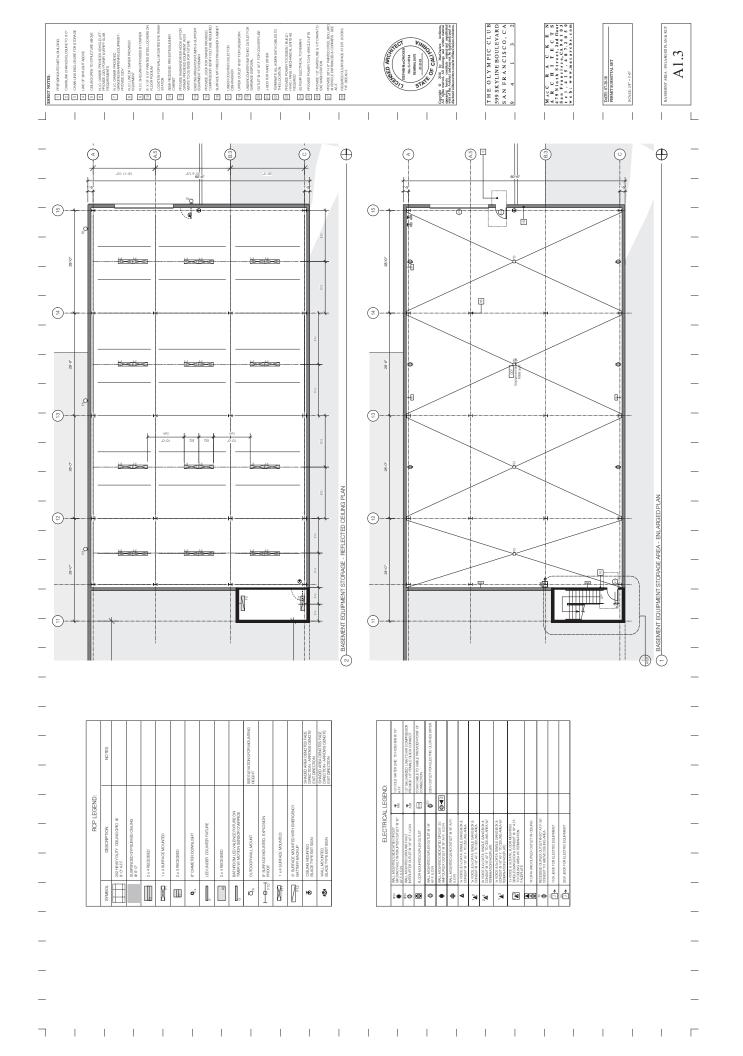


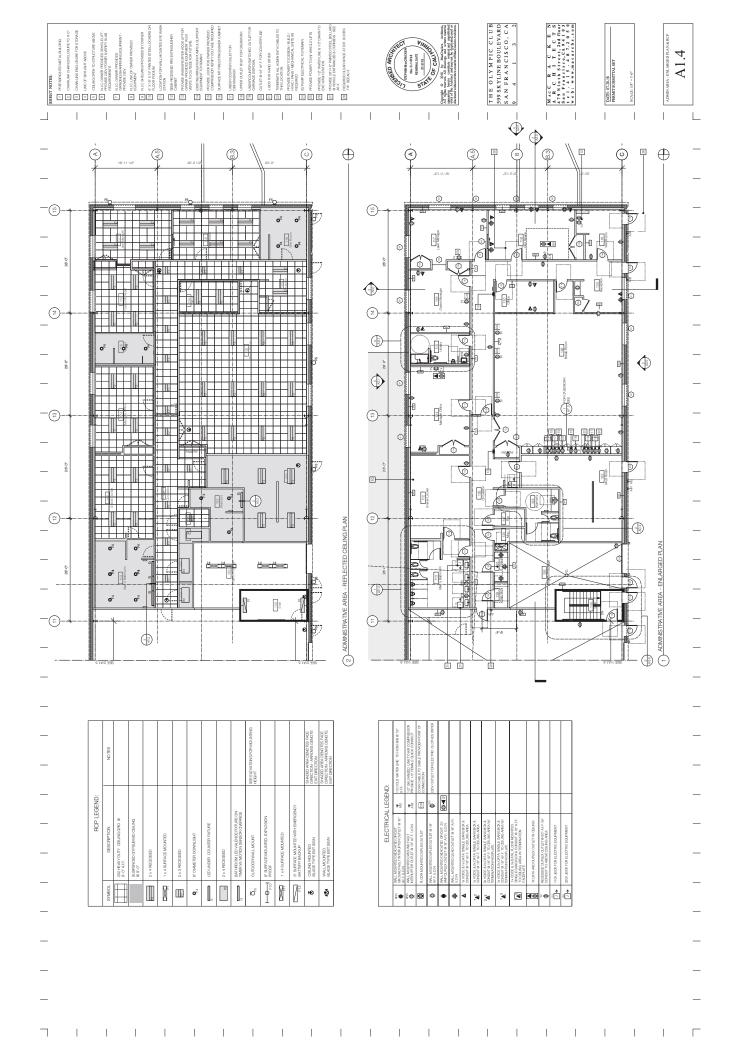


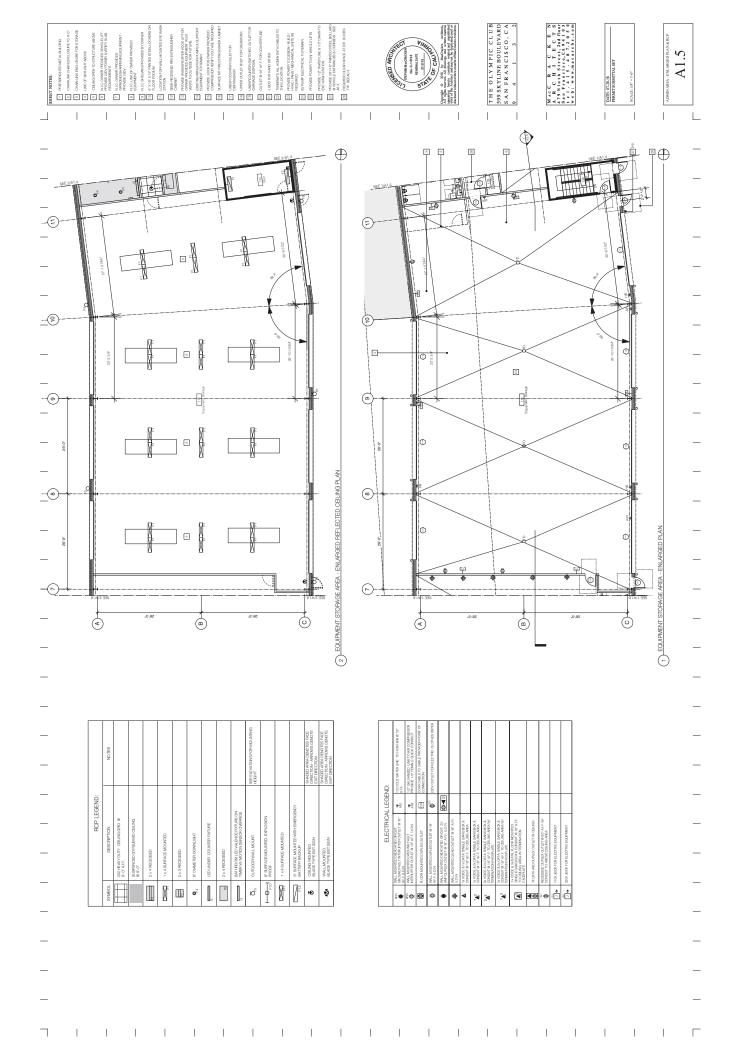


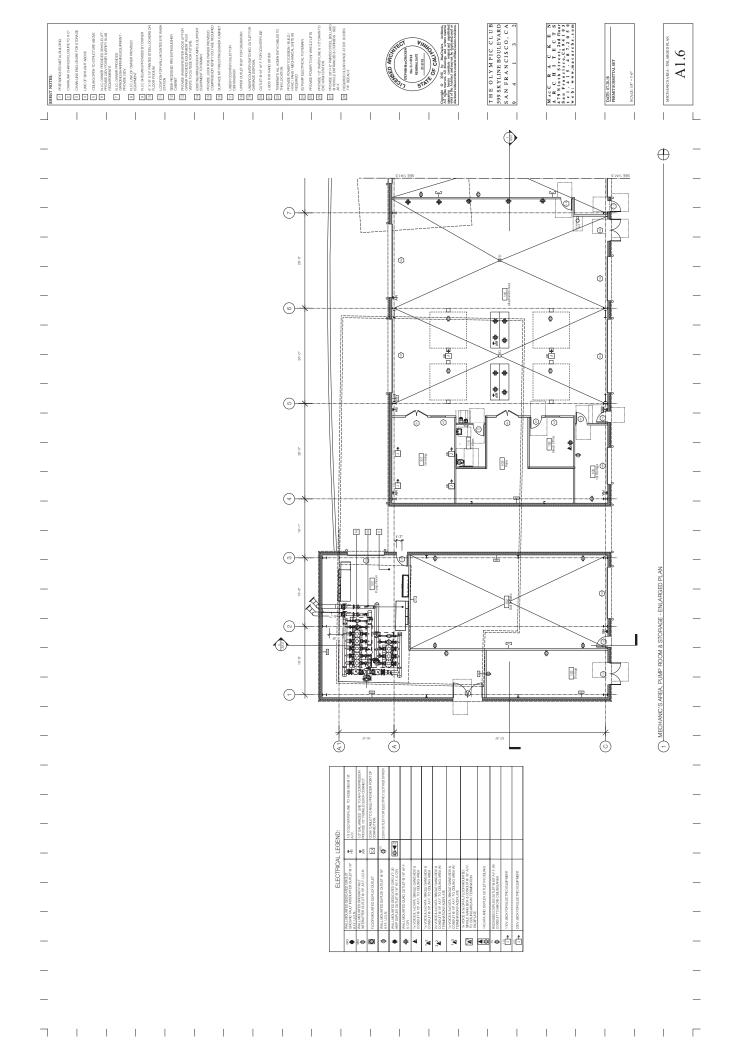


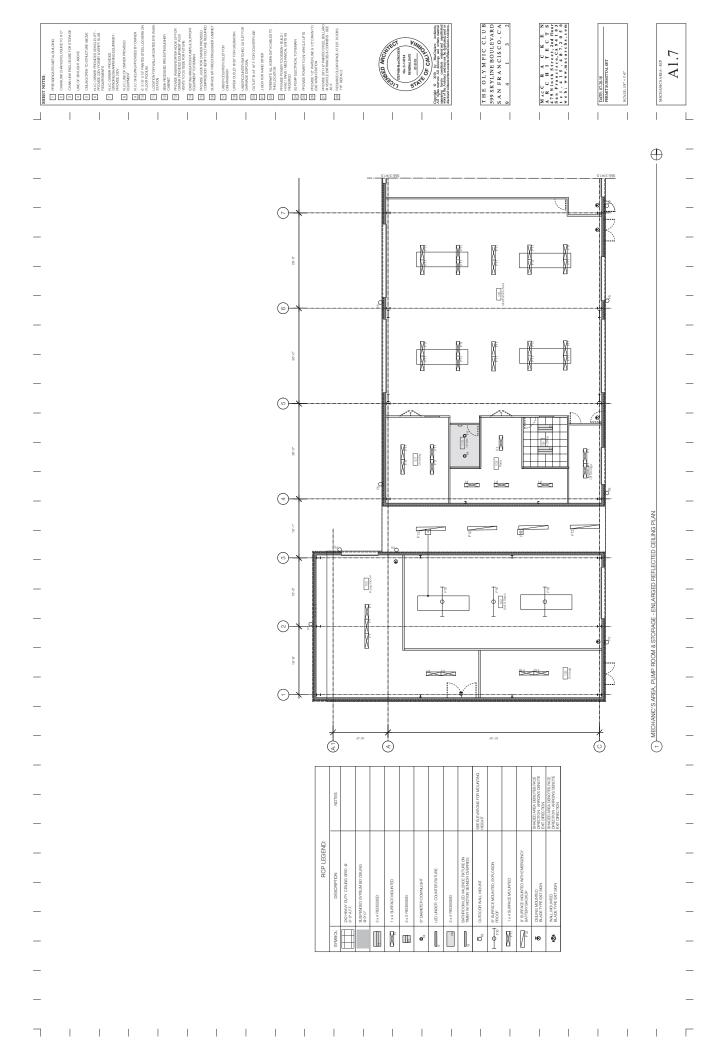


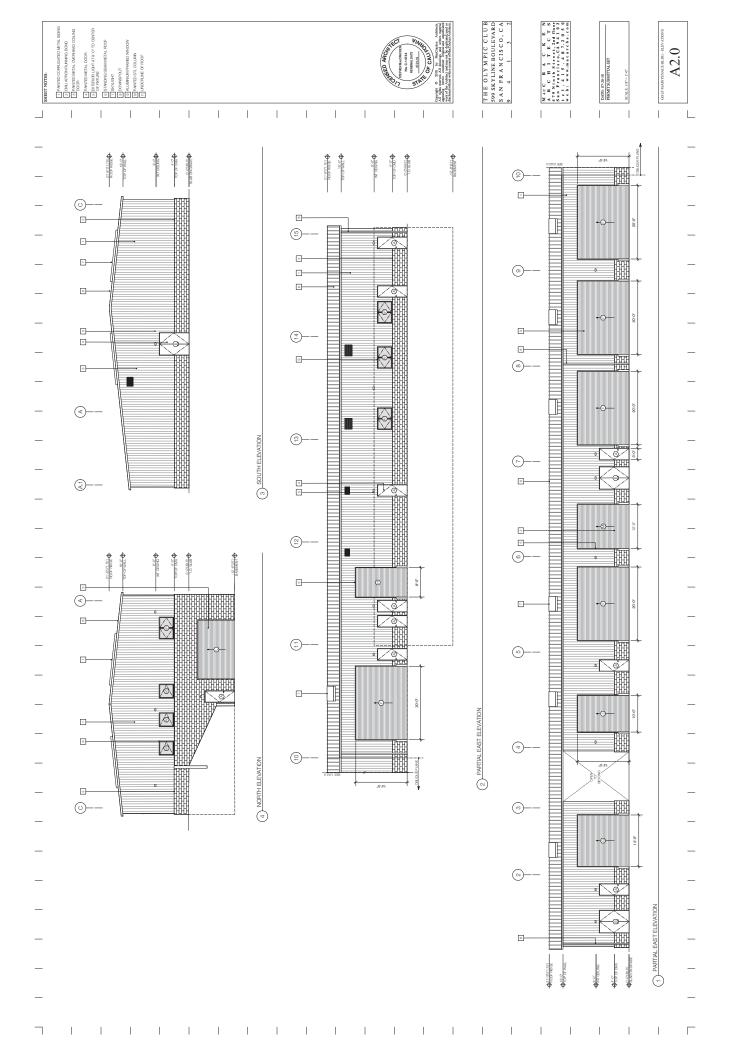


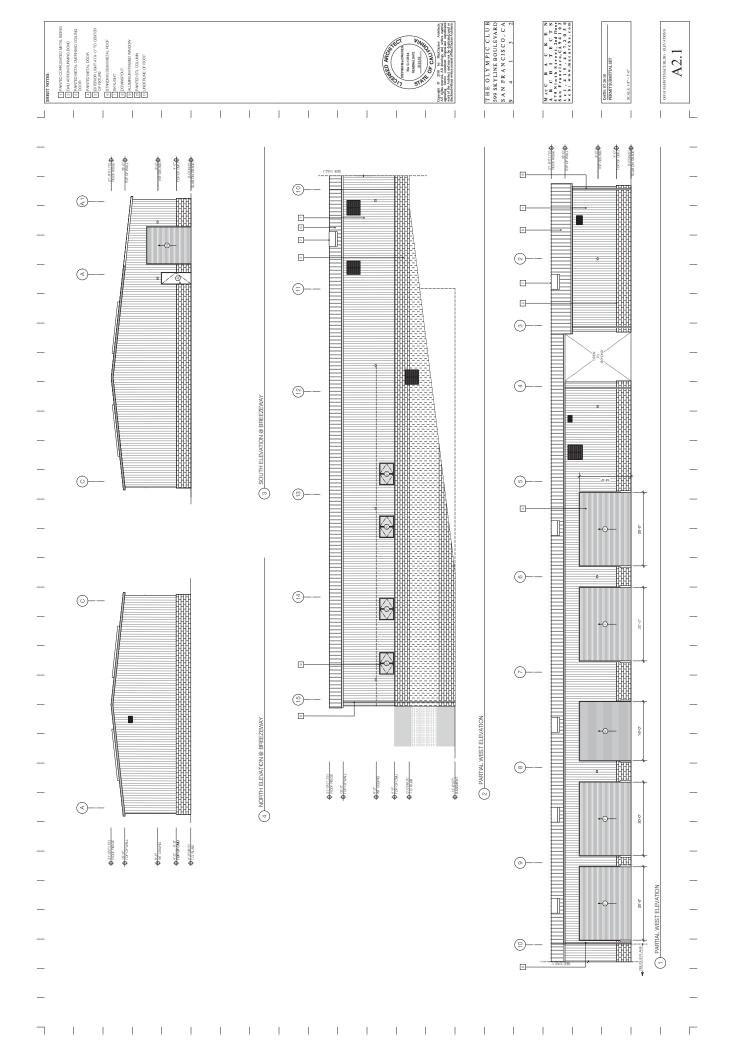


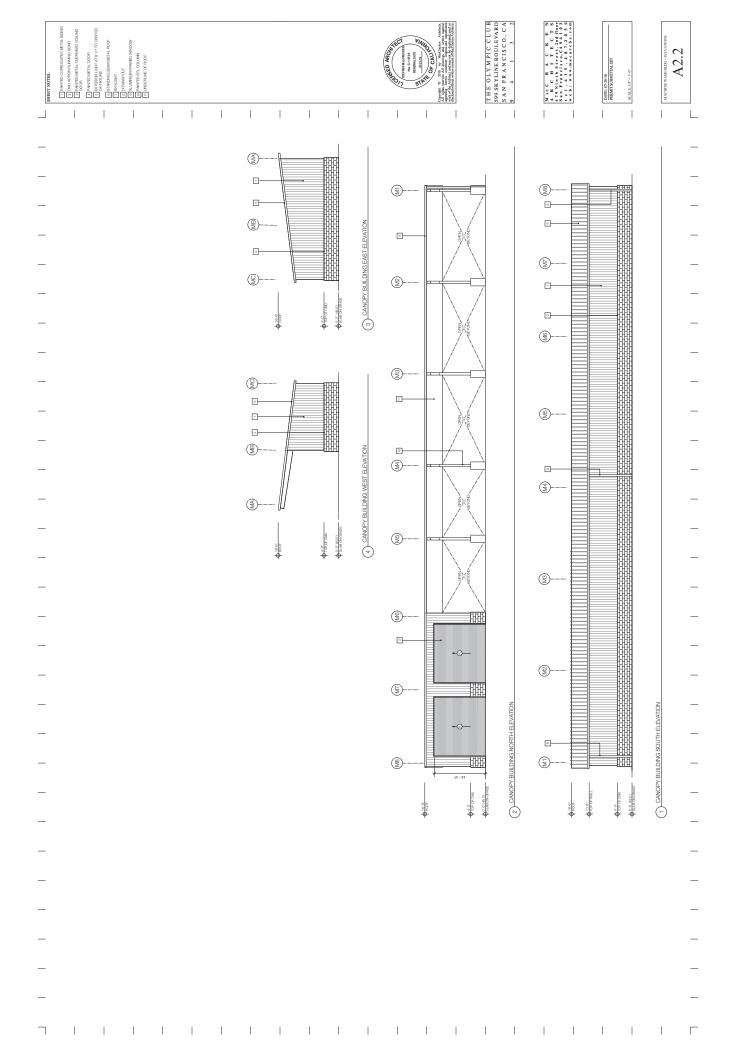


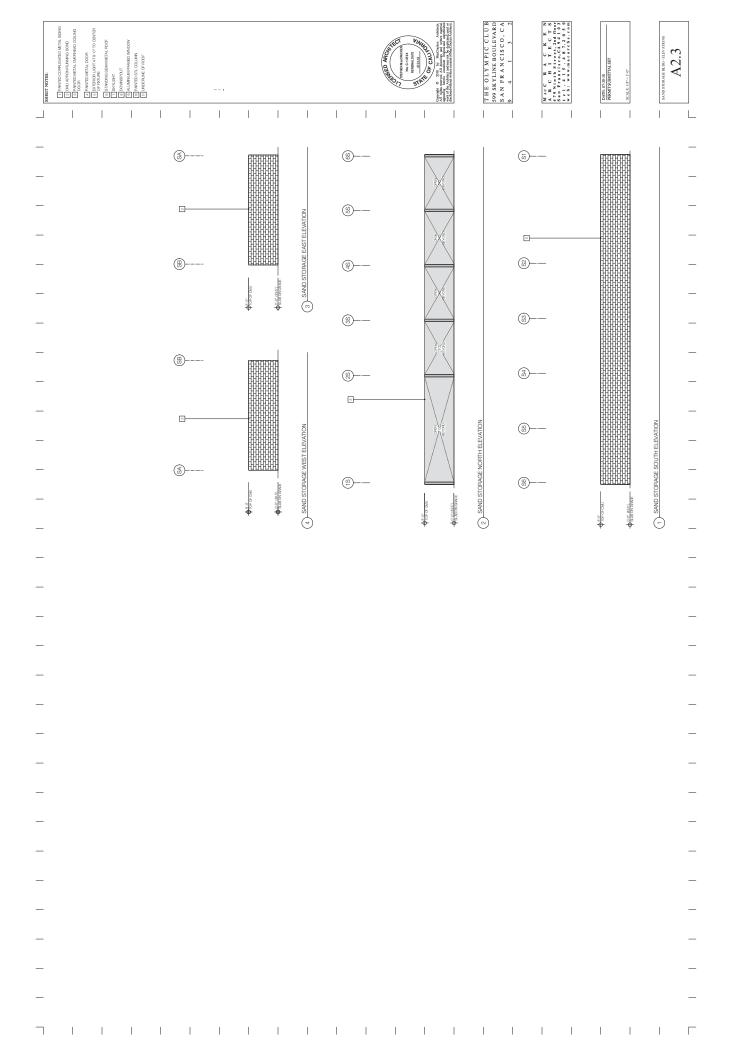


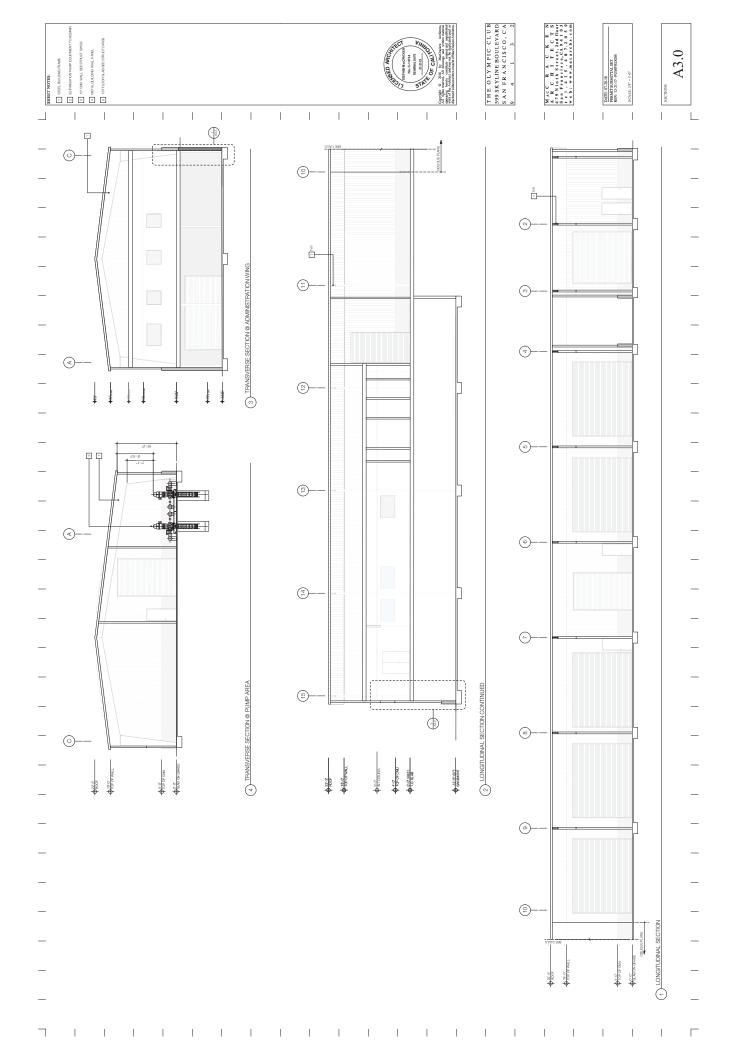


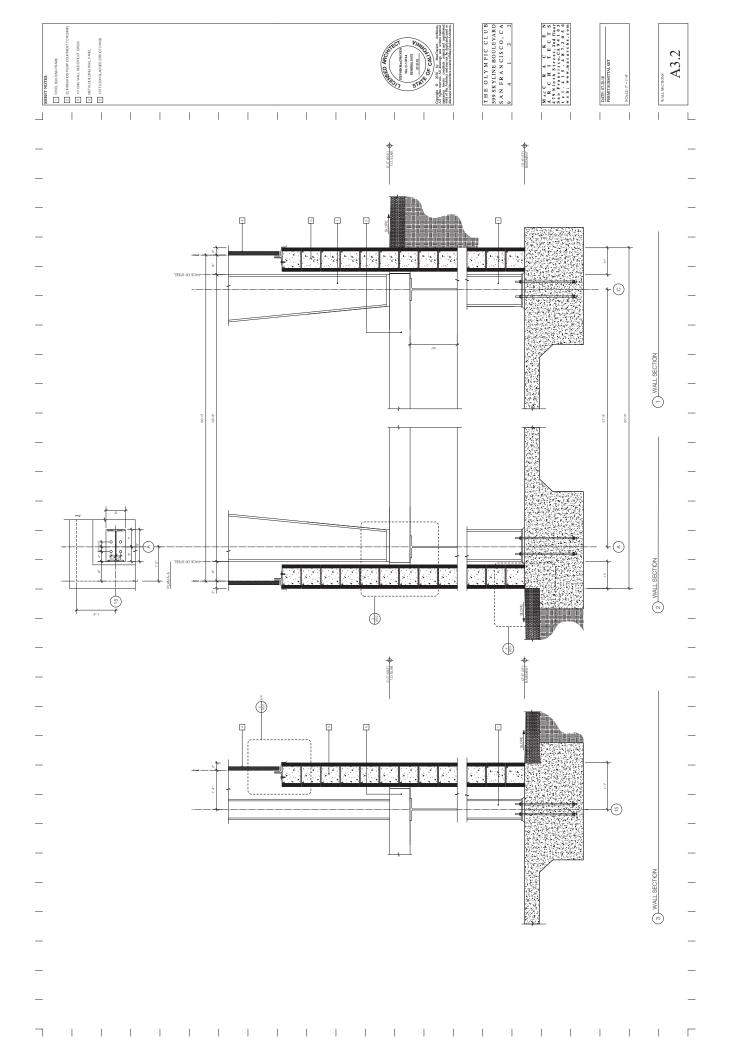


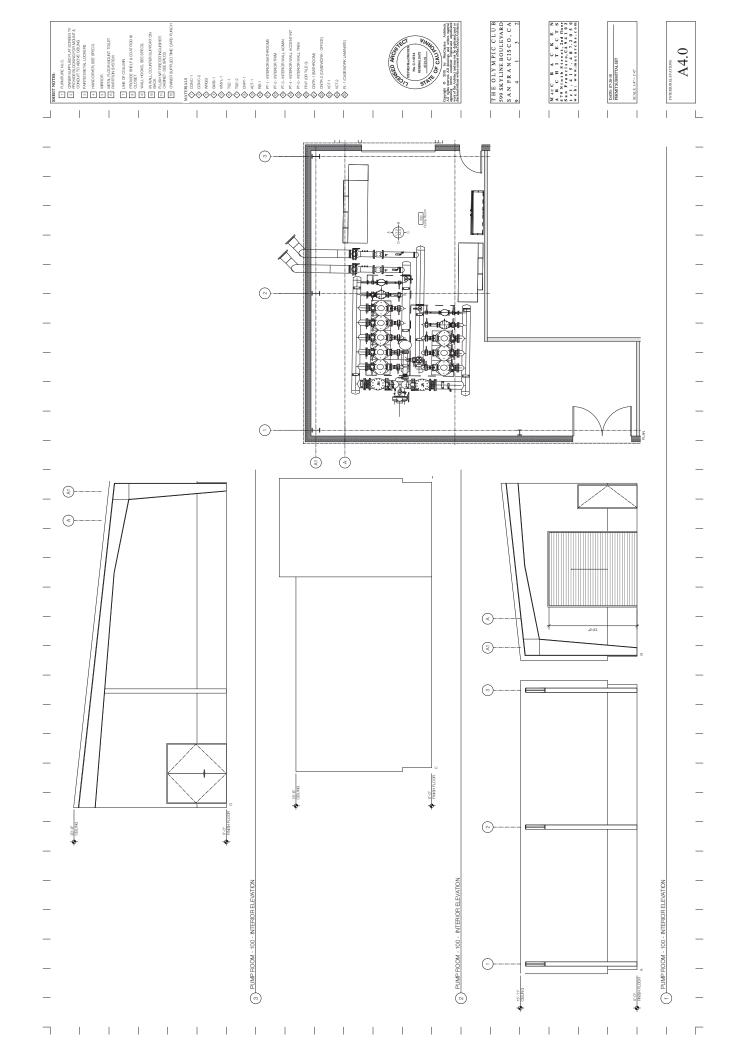


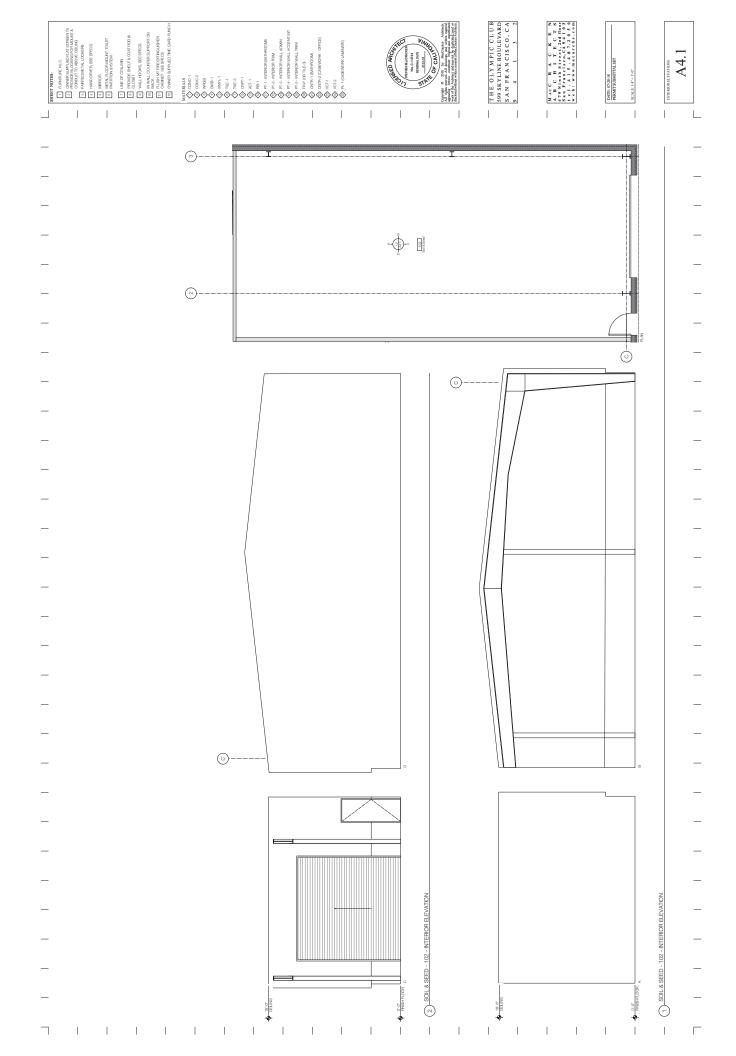


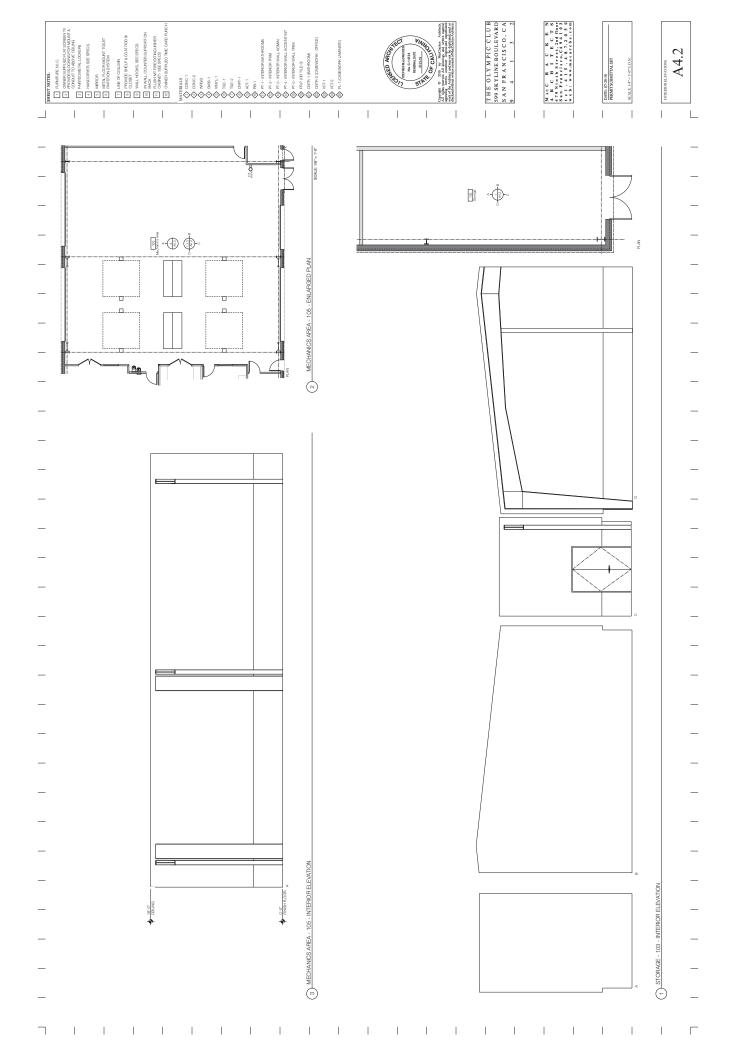


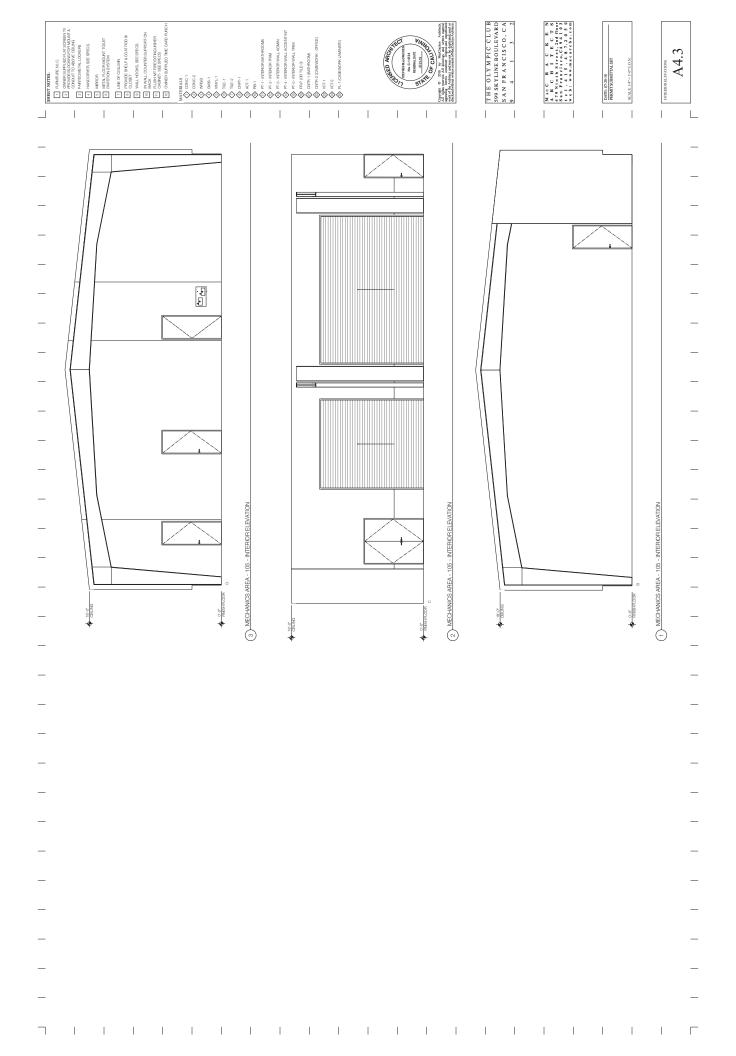


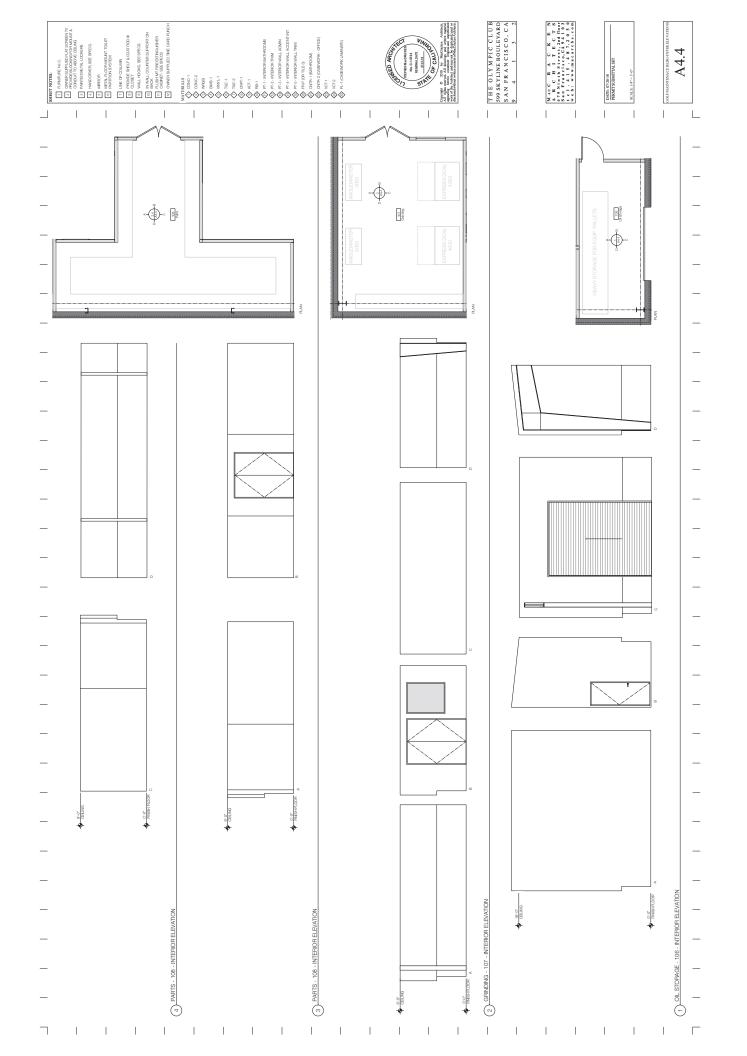


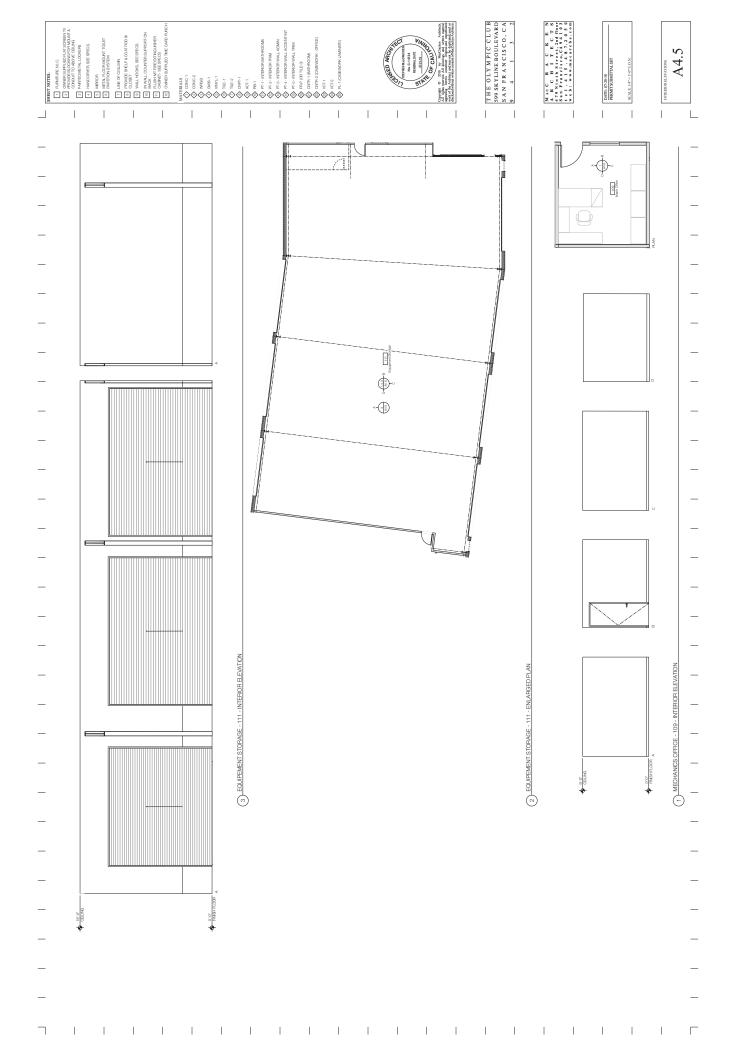


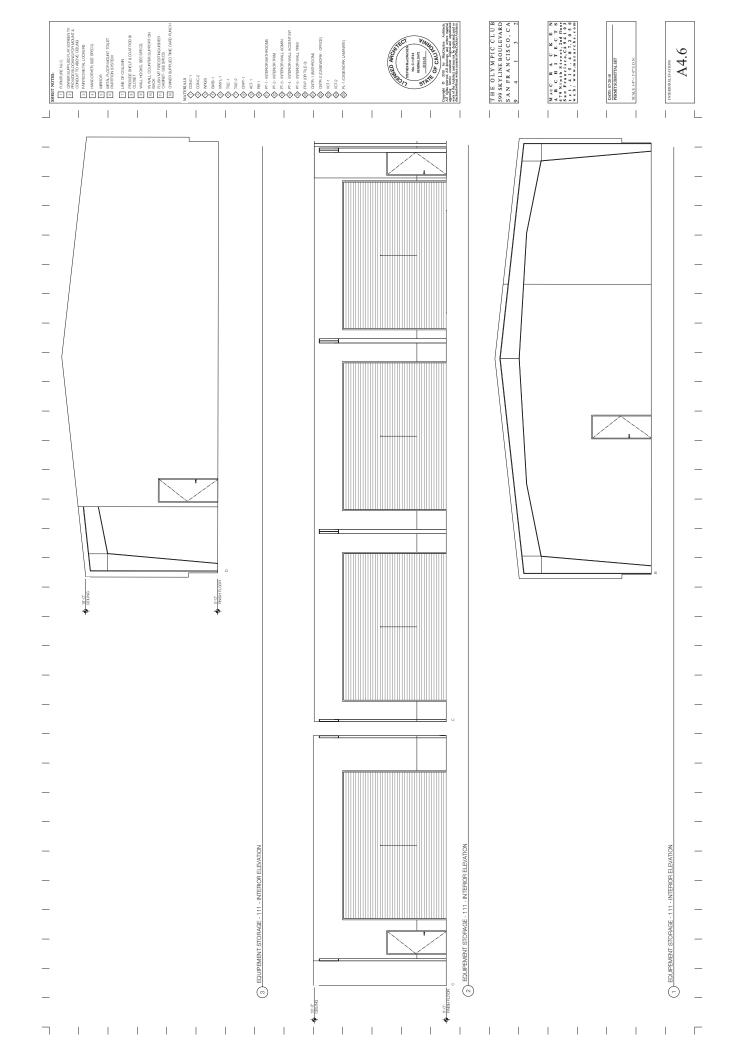


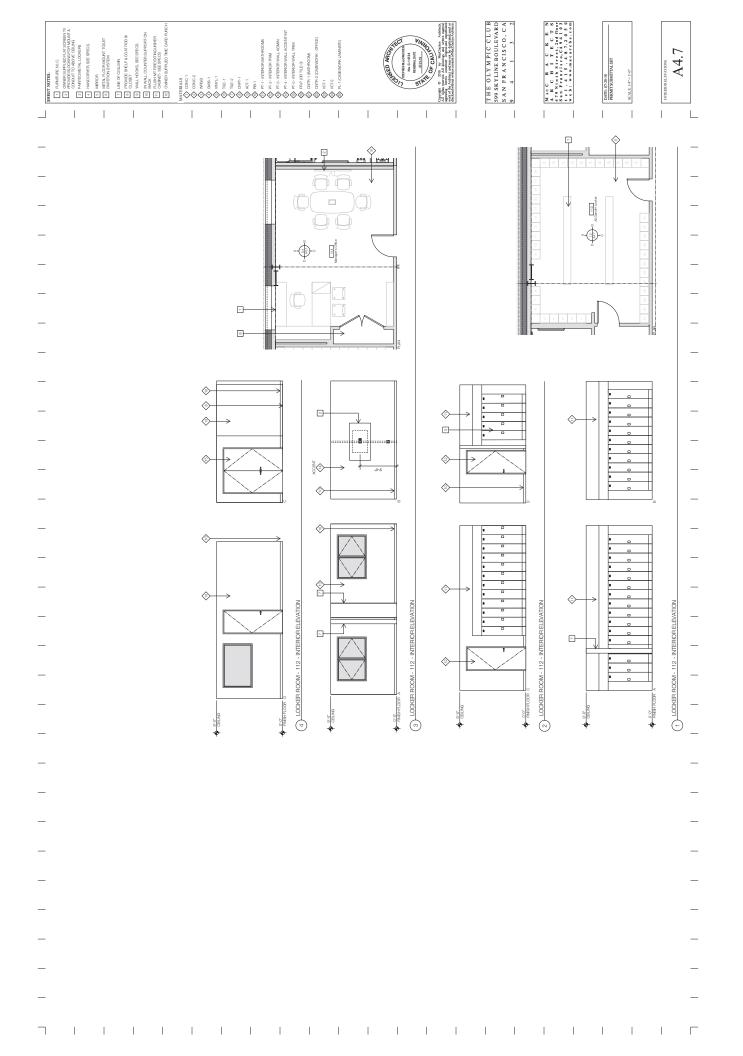


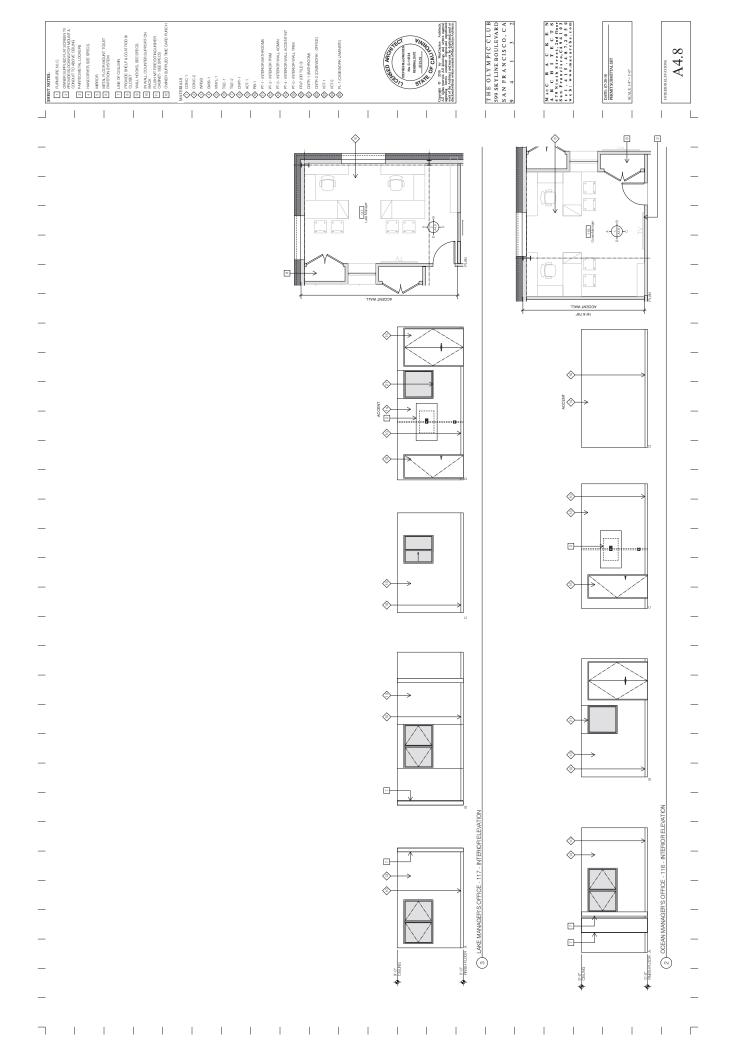


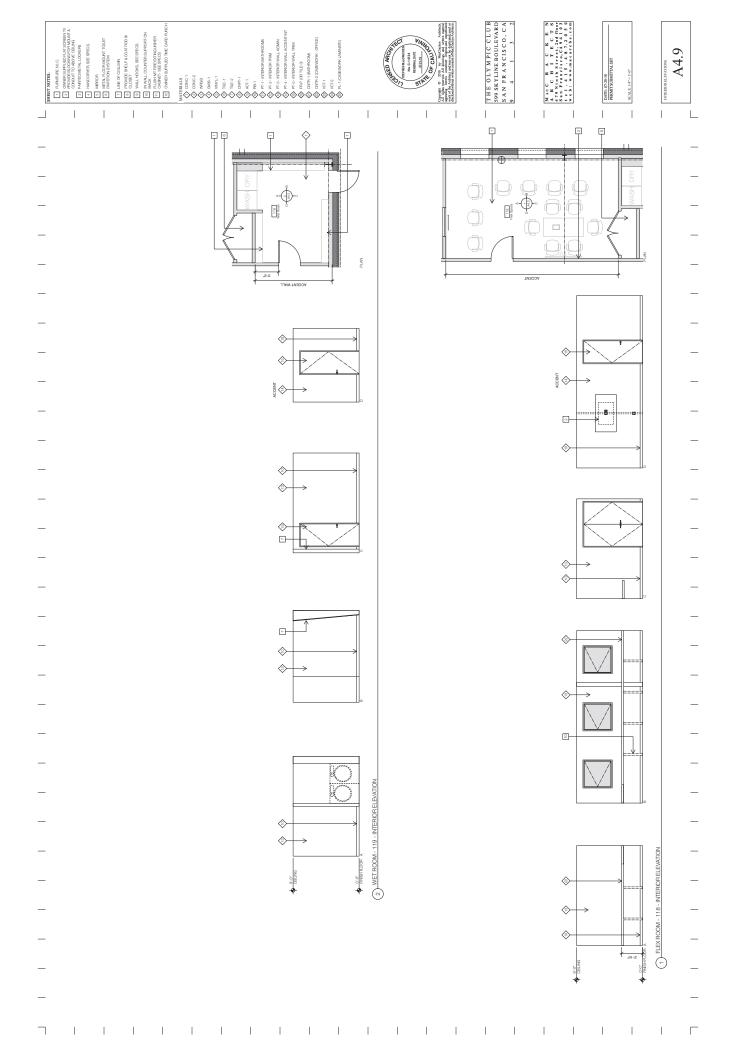


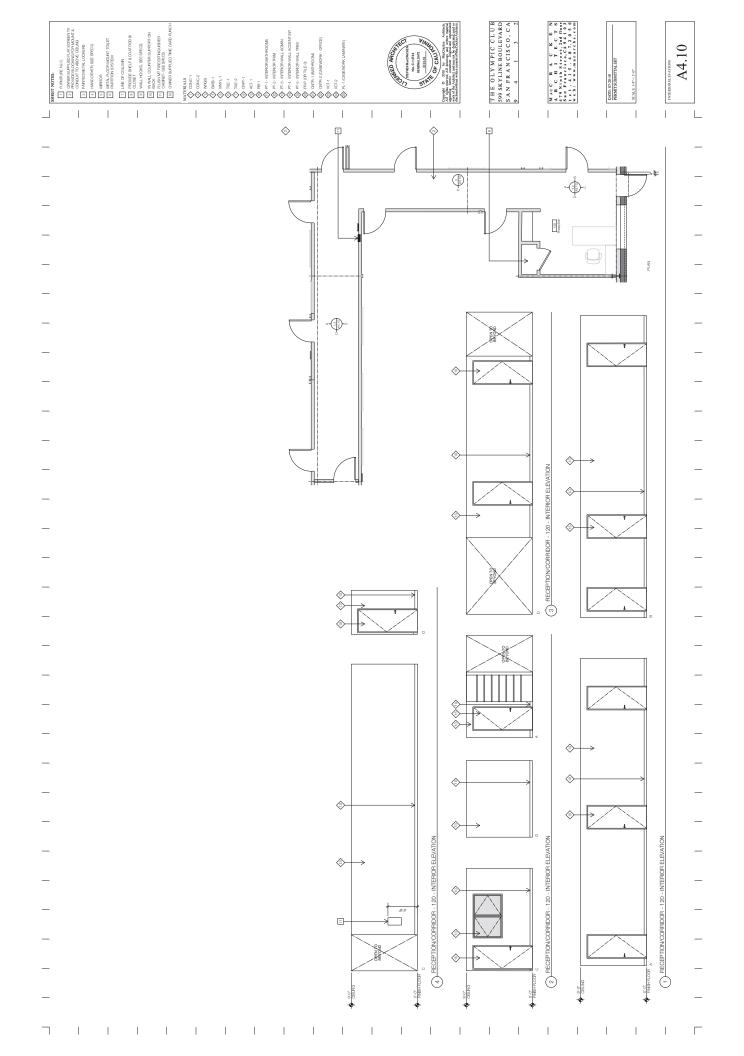


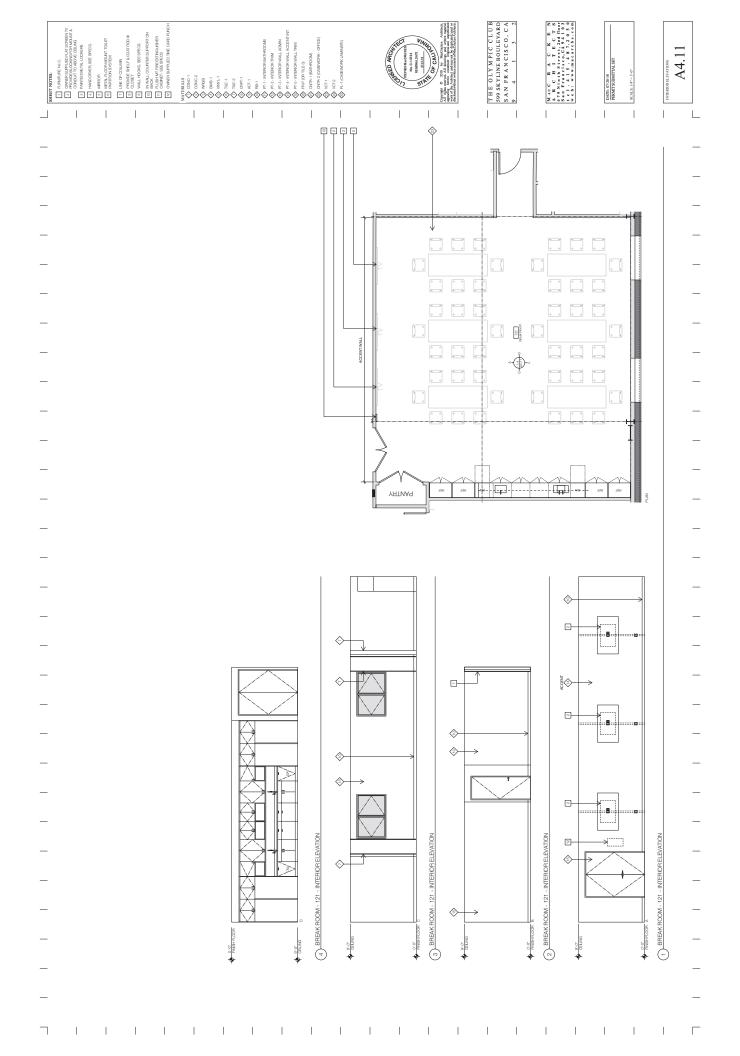


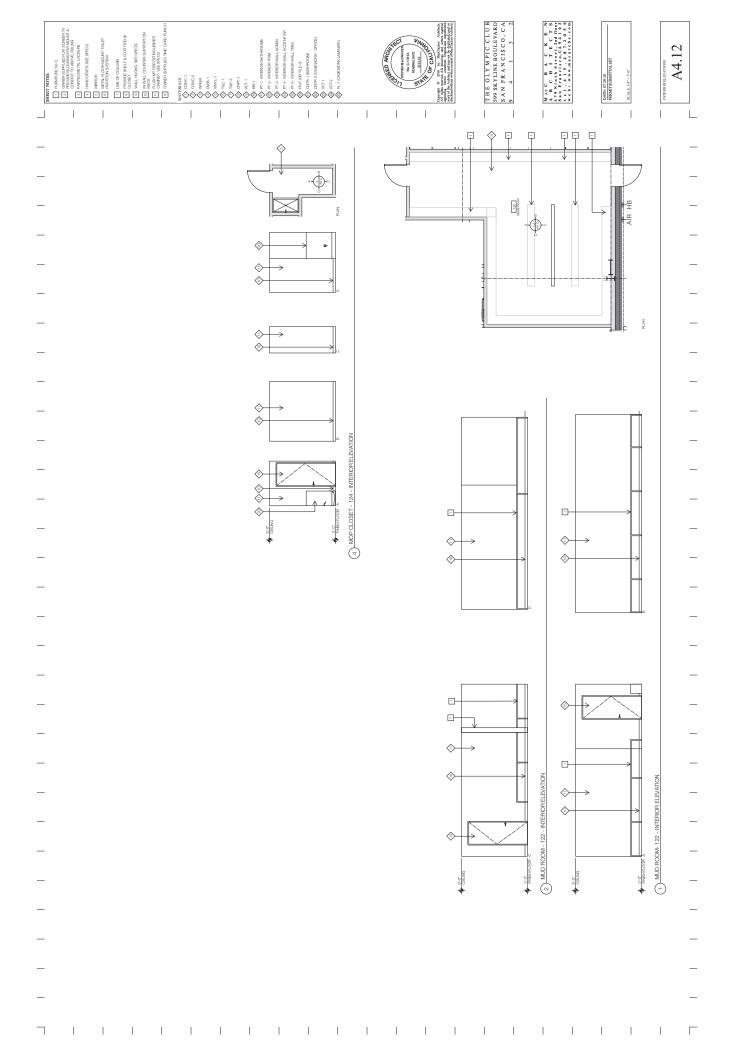


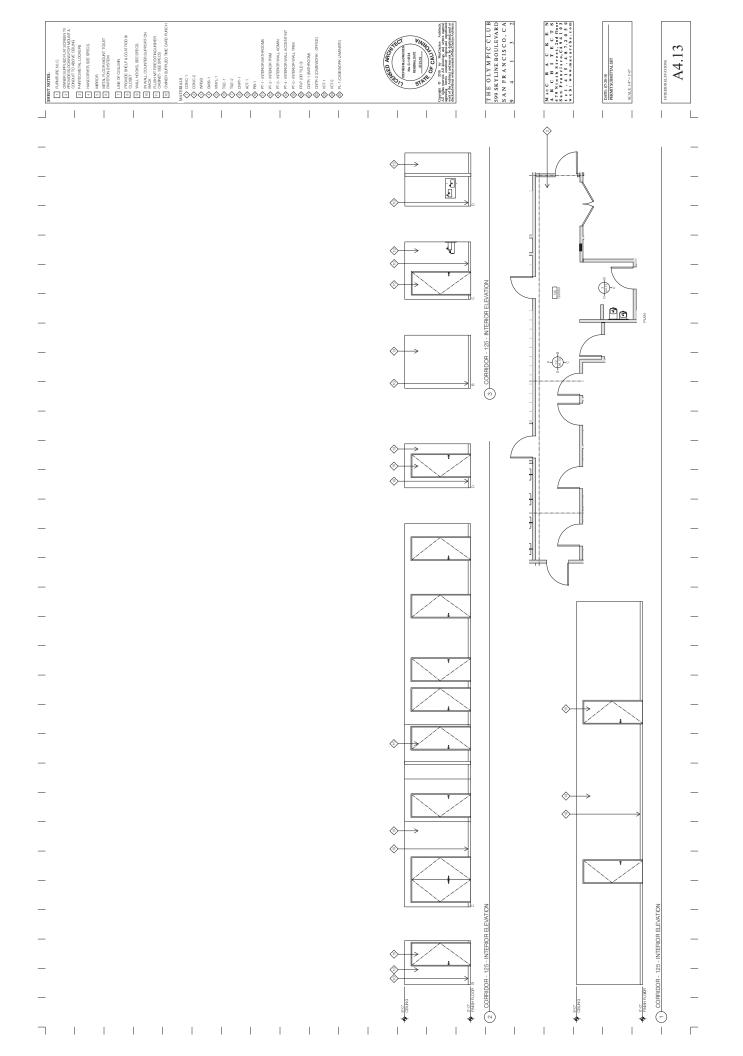


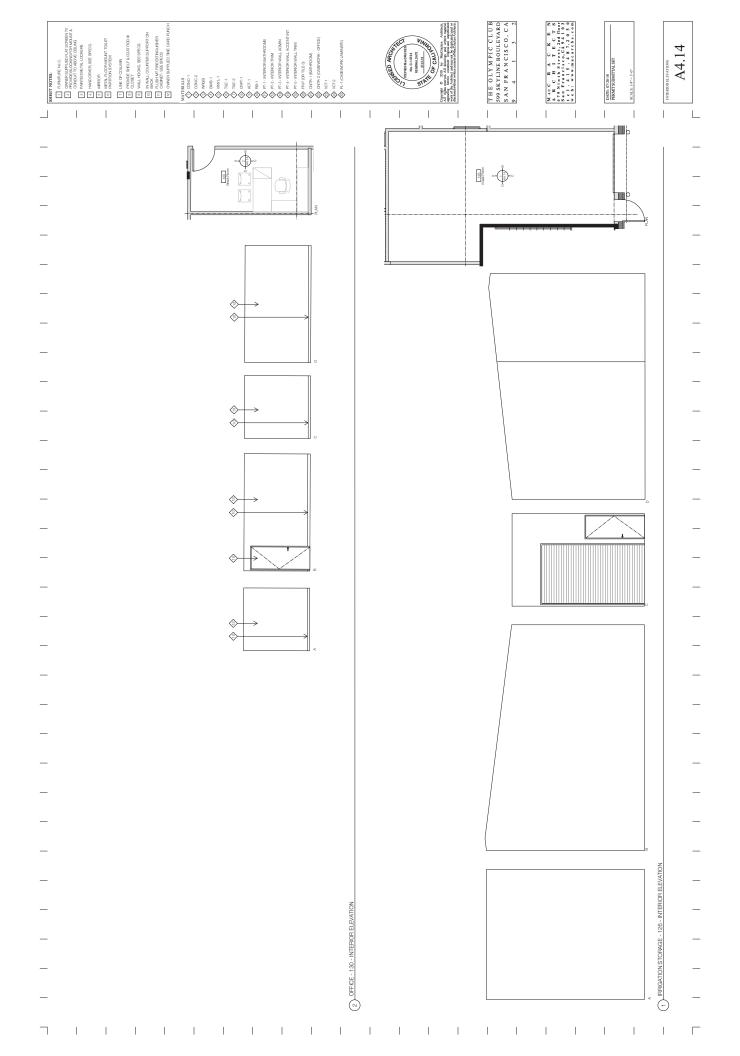


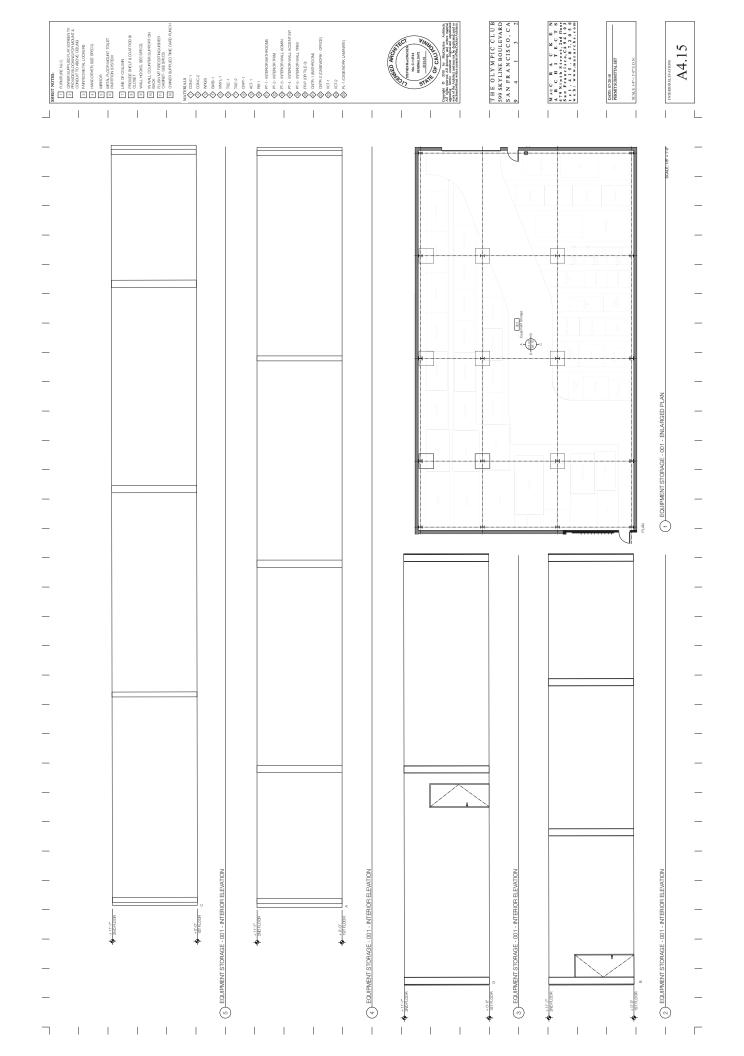


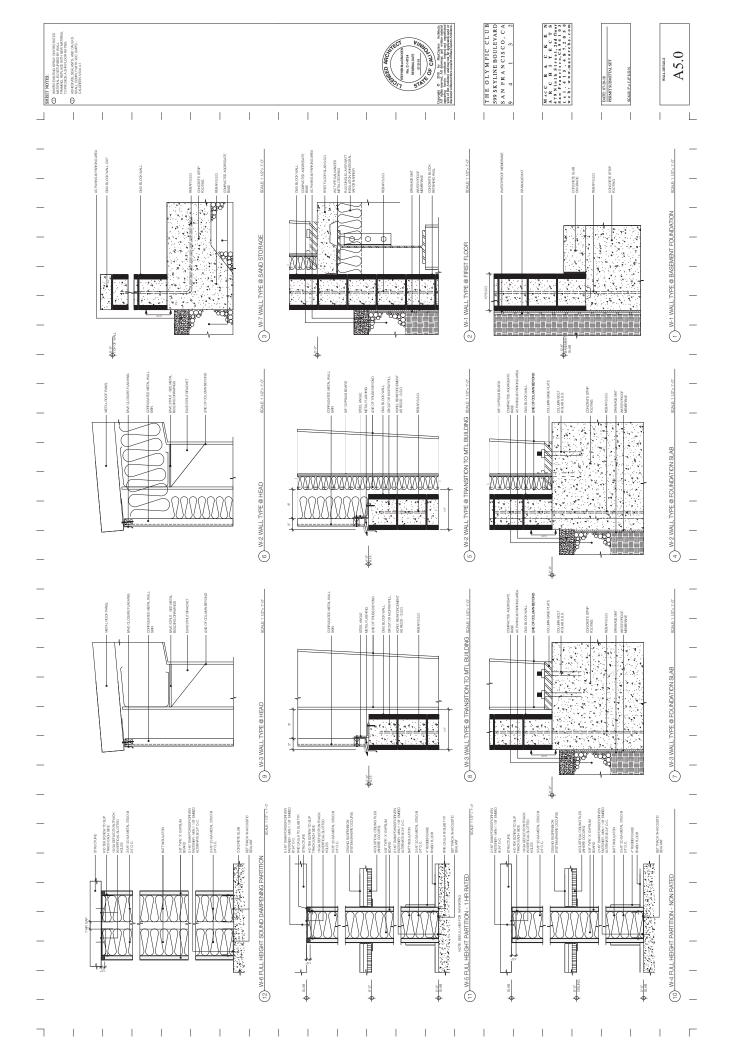


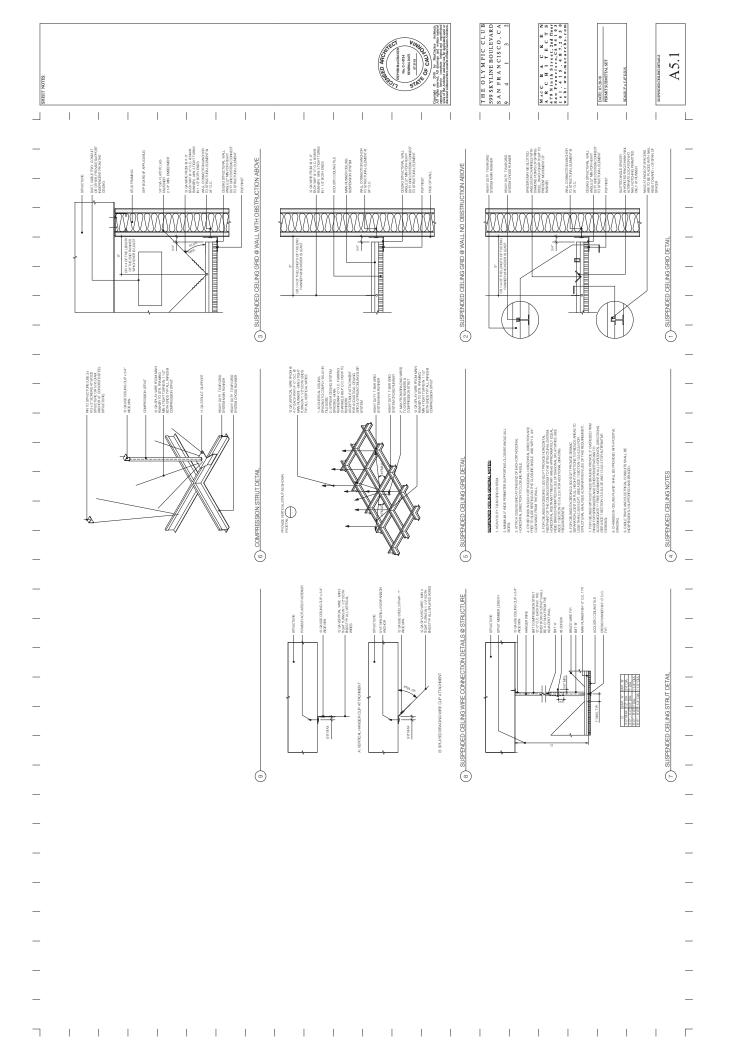


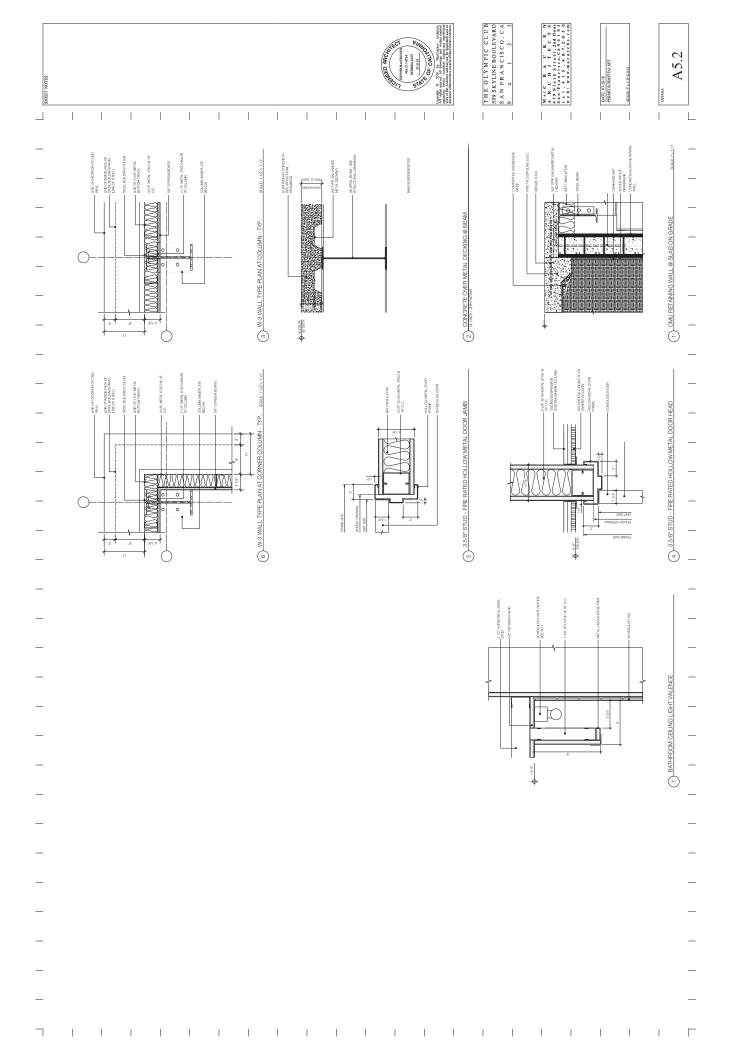


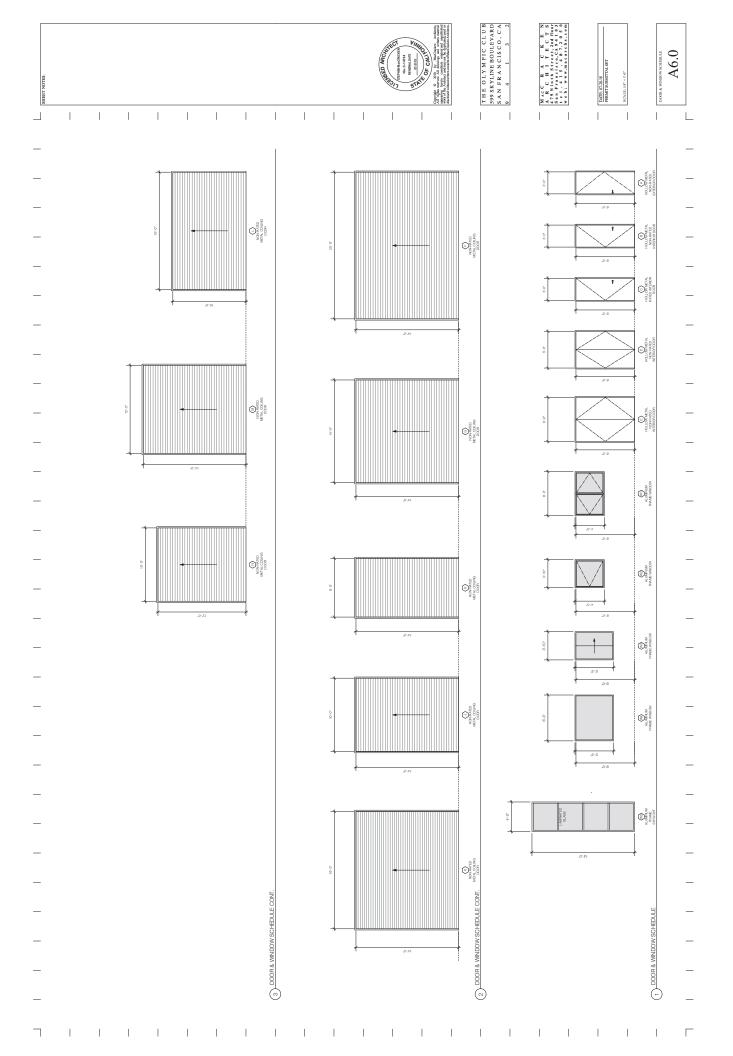




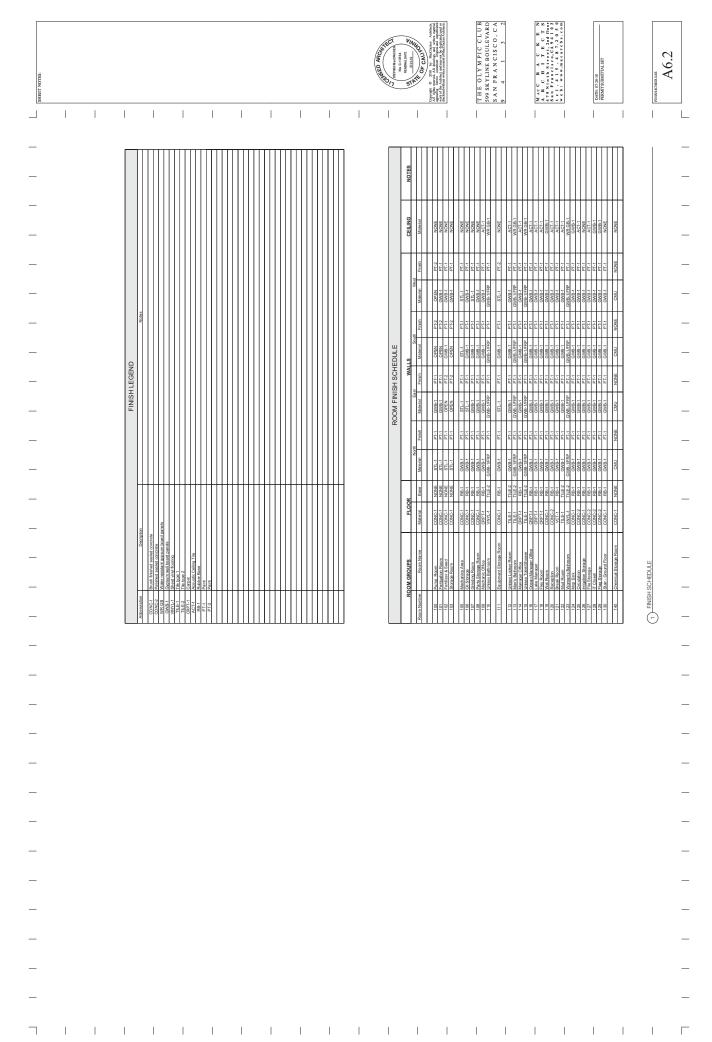


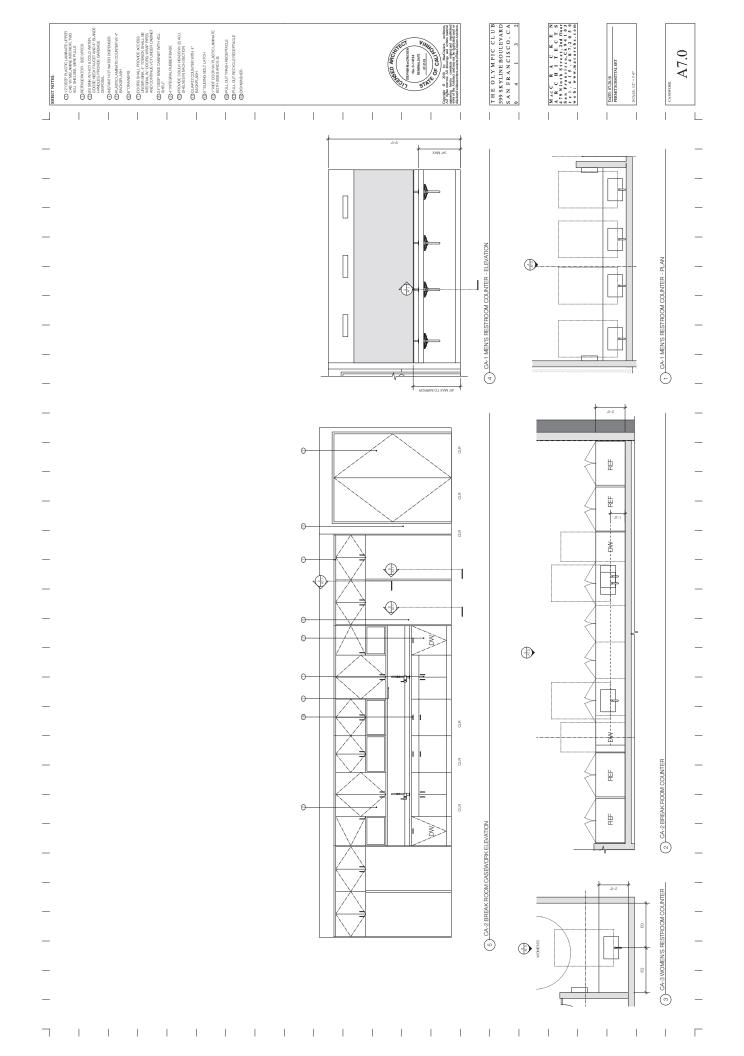


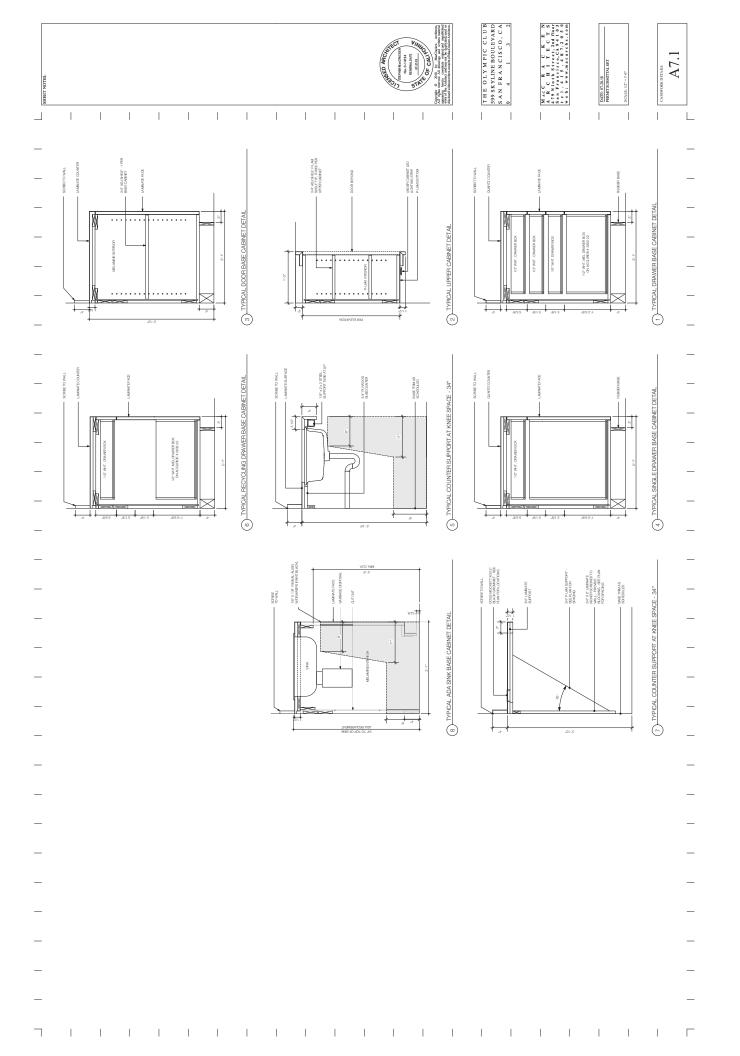


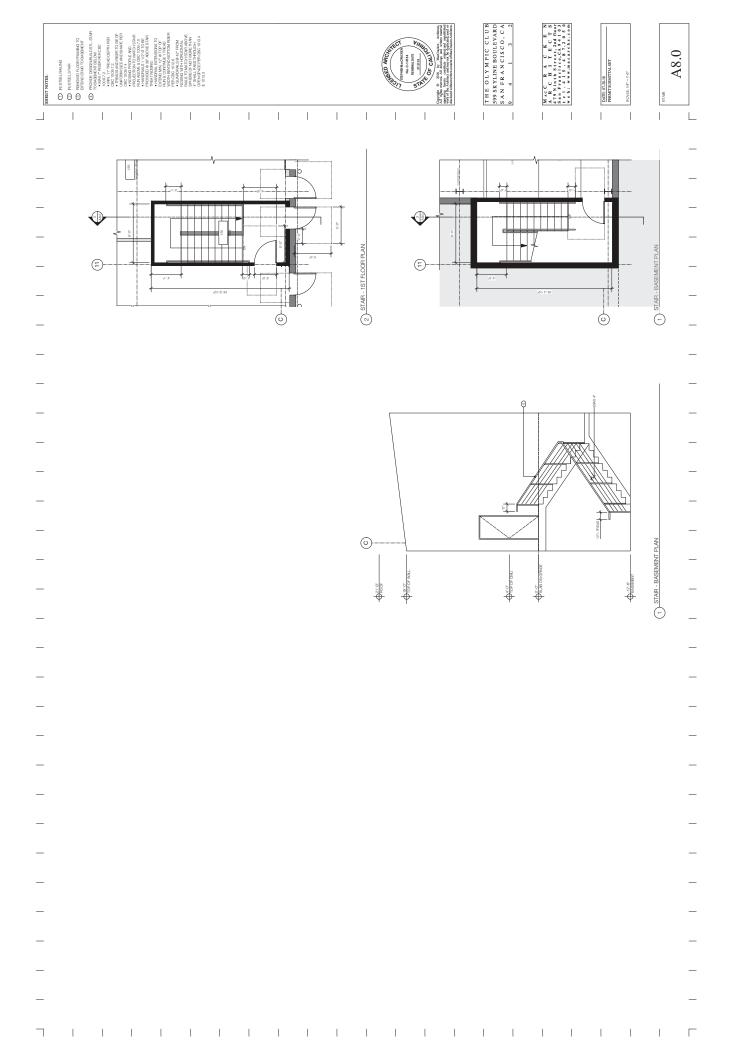


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Zander associates

Environmental Consultants

July 13, 2018

Pat R. Finlen CGCS The Olympic Club 524 Post Street San Francisco CA 94102

Nesting Raptor/Migratory Bird Survey Maintenance Facility Replacement Project (PLN2017-00484) The Olympic Club Golf Course

Dear Mr. Finlen:

On July 12, 2018, I completed a survey for nesting raptors and other migratory birds at the site of the Olympic Club Golf Course Maintenance Facility Replacement project that is currently under review by the County of San Mateo (PLN2017-00484). The project will result in the removal of several trees on the site and the survey was conducted to comply with the Migratory Bird Treaty Act (16 USC 703) and Section 3503.5 of the California Fish and Game Code. These regulations protect the nests and eggs of raptors and other migratory birds by prohibiting removal and/or disturbance of an active nest. Following is a description of the methods and results of the survey.

Methods

The survey was conducted on the morning of July 12, 2018 and was focused on the trees slated for removal as shown on the Tree Protection Plan prepared by Hort Science (August 2017). All trees slated for removal and trees within 100 feet of the project area were systematically surveyed for nests or signs of nest activity. The tree canopy was observed from appropriate vantage points using high powered binoculars (10x50 wide angle) and examined from below to detect any nests or bird activity. The ground was also searched for signs of recent nesting activity (whitewash, downy feathers). Where nests were detected, observations were made from an appropriate vantage point for a sufficient duration of time to determine activity.

Results

No active nests of raptors or migratory birds were detected in any of the trees to be removed for the project or in any of the larger trees to be retained within the project area. I did find a nest in one of the coast live oak trees to be removed (1754) but it was not active and appeared to be relatively old. Several common avian species were observed in the area; bushtit, titmouse, stellar jay, Eurasian collared dove, crow. A red-shouldered hawk was heard calling in the distance but was not observed in the project area.

1569 Solano Ave. #255 Berkeley, CA 94707 telephone: (415) 897-8781 fax: (415) 814-4125 Based on the results of the survey, and the fact that it is nearing the end of the nesting season (typically February 1 through August 31 in this area), I am confident there are no active raptor or migratory bird nests within any of the trees to be removed for the maintenance facility project at this time. Therefore, tree removal can proceed and should start prior to next January to ensure no new nest attempts are initiated. If the trees are not removed prior to next January, another nesting survey is warranted and should be conducted within 30 days of tree removal.

Should you have any questions regarding the survey, please don't hesitate to call me.

Sincerely,

Leslie Zander

Principal Biologist

Kuslii Zandin

PLN2017-00484

The Olympic Club

Tree Report Maintenance Building Project

RECEIVED

NOV 2 1 2017

San Mateo County Planning Division Prepared for:

The Olympic Club 599 Skyline Blvd. San Francisco CA 94132

Prepared by:

HortScience, Inc. 325 Ray Street Pleasanton, CA 94566

August 16, 2017



Maintenance Building Project
The Olympic Club
San Francisco CA

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Attachments	

Tree Assessment Form

Tree Location Map

Tree Report

Maintenance Building Project The Olympic Club San Francisco CA

Introduction and Overview

The Olympic Club is planning to construct a new maintenance facility on its property in San Francisco. The project site is located in the northeast corner of the Club's Skyline Drive site. Real Estate Strategies & Solutions is managing the entitlements portion of the project. HortScience, Inc. was asked to prepare a Tree Report for portion of the project located in San Mateo County. This report presents the following information:

- 1. Evaluation of tree health and structural condition within the project area.
- 2. Assessment of tree suitability for preservation.
- 3. Evaluation of project plans for impacts to trees.
- 4. Recommendations for action.
- Guidelines for tree preservation during the design and construction phases of the project.

Assessment Methods

Trees were assessed in August 2017. The assessment was limited to trees greater than 5" diameter. The assessment procedure was a visual assessment from the ground, consisting of the following steps:

- 1. Identifying the tree as to species.
- 2. Attaching a numerically coded metal tag to the trunk of each tree.
- 3. Recording the tree's location on a map.
- 4. Measuring the trunk diameter at a point 54" above grade.
- 5. Evaluating the health and structural condition using a scale of 0 5, where 0 = dead, 1 = very poor, 2 = poor, 3 = fair, 4 = good, and 5 = excellent condition.
- 6. Commenting on the presence of defects in structure, insects or diseases and other aspects of development.
- 7. Evaluating suitability for preservation as low, moderate and high.

Access to some trees was limited by fences, heavy growth of vines and groundcovers. The presence of vines at the base and along the trunk may have obscured defects in structure or other features that would have otherwise been visible.

In some cases, tree tags were attached to the fence near the tree (Photo 1). Such trees are noted as 'tag on fence' in the **Comments** column of the **Tree Assessment Form**).

Photo 1. Tags for trees #1723 – 1733 were placed on the adjacent fence as trees could not be accessed directly.



Description of Trees

Eighty-two (82) trees were evaluated, representing five species (Table 1). Coast live oak is native to San Mateo County and some trees of this species may be indigenous to the site. Other species had been either planted or invaded the site as seedlings. The five species were common to landscapes in the San Francisco/San Mateo County area.

Table 1. Species present and tree condition. Maintenance Building Project. San Mateo County portion. The Olympic Club. San Francisco CA.

Common name	Scientific name		(No. of Trees				
		Dead (0)	Poor (1,2)	Fair (3)	Good (4)	Excell. (5)	Signifi- cant	Total
Tea tree	Leptospermum laevigata			1				1
Brisbane box	Lophostemon confertus	-	-	1	1	-	1	2
Monterey pine	Pinus radiata	5	2	5			7	12
Coast live oak	Quercus agrifolia	-	19	15	3		10	37
Lilypily	Syzygium paniculatum		6	24			2	30
Total, all trees as	sessed	5	27	46	4	0	20	82

San Mateo County categorizes trees in several ways:

- Heritage tree (County Code. Chapter 1. Section 11.050). Trees either designated by the Board of Supervisors or one of several specified species native to the County. None of the assessed trees met these criteria.
- Protected tree (County Code. Chapter 1. Section 11.050). A tree 1) listed as
 endangered by the California Native Plant Society's List as amended or the
 Federal Register or 2) any tree species designated protected by the Board of
 Supervisors. Monterey pine is listed by the California Native Plant Society as
 endangered.
- 3. **Exotic tree** (County Code. Chapter 1. Section 11.050). A non-native species introduced to the County. Tea tree and lilypily met this criterion.
- 4. **Significant tree** (County Code. Chapter 1. Section 12.012). A tree with a trunk diameter of 12" or greater (38" circumference) measured at 54" (4½') above the ground. Twenty (20) of the 82 trees met this criterion.
- Indigenous tree (County Code. Chapter 1. Section 12.017). A tree of one of several species native to the County. Coast live oak is native to San Mateo County.

Coast live oak was the most frequently encountered species with 37 trees. Oaks were concentrated along the north and east edges of the project area, located at the top of a slope (Photo 2). Trees were generally short in stature but mature in development. Trunk diameters ranged from 6" to 21". Approximately 50% of oaks had more than one stem originating at or near ground level. Most oaks were in either poor (19 trees) or fair (15) condition. Trees #1718, 1730 and 1739 were in good condition. Differences in tree condition were largely associated overall form and structure, leaning stems, and suppressed development.





Photo 2. Coast live oaks. Left: SE. corner of site, near cart path to Ocean #8, in the area where the utilities will be placed underground. Right: approximately half of the crown of tree #1725 extended into the project area.

Thirty (30) lilypily trees formed a long row between the south edge of the existing facility and the 8th hole of the Ocean Course (Photo 3). Trees were planted close together. As a result, individual trees had a narrow upright form and canopy concentrated on the south. Trees appeared to have been topped at 4' many years ago. As a result, most had two or more stems above this point. Most (24) trees were in fair condition while six were poor.



Photo 3. Looking north from tee of #14 Ocean course at screen of lilypily trees.

Numerous lilypily trees were not included in the assessment because no stem was 5" in diameter at 54" above grade.

Twelve (12) Monterey pines were present (Photo 4). Trees were generally mature in development. Trunk diameters ranged between 13" and 52". Monterey pine #1703 had a trunk diameter of 52" but this measurement was misleading as one of the two stems of the tree had been removed many years ago. Condition of pines was either poor (2 trees) or fair (5). Trees #1727, 1729, 1731, 1733 and 1744 were dead. Several trees had symptoms of pine pitch canker, a fungal disease. The central leader had been lost in most trees.

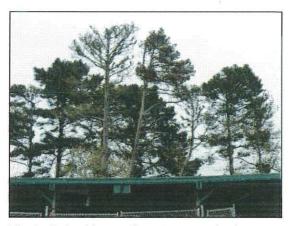


Photo 4. Looking north past mower shed.

Brisbane boxes #1802 and 1803 were located near the existing water tower. Tree #1802 was 20" and in good condition. Tree #1803 appeared to be several stump sprouts, all of which were ≤7". Condition was fair.

Tea tree #1722 was a large shrub that sprawled along the ground.

Description of individual trees is found on the enclosed *Tree Assessment Form*. Tree locations are found on the *Tree Location Map*. Both are included as **Attachments**.

Suitability for Preservation

Trees that are preserved on sites where development or other improvements are planned, must be carefully selected to make sure that they may survive construction impacts, adapt to a new environment, and perform well in the landscape. Our goal is to identify trees that have the potential for long-term health, structural stability and longevity.

Evaluation of suitability for preservation considers several factors:

Tree health

Healthy, vigorous trees are better able to tolerate impacts such as root injury, demolition of existing structures, changes in soil grade and moisture, and soil compaction than are non-vigorous trees. Trees in good condition are in better health than those in poor condition.

Structural integrity

Trees with significant amounts of wood decay and other structural defects that cannot be corrected are likely to fail. Such trees should not be preserved in areas where damage to people or property is likely. Defects such as codominant or multiple stems, lean and other deviations from the vertical, heavy branches and decay are problematic and may increase the potential for a tree to fail.

Species response

There is a wide variation in the response of individual species to construction impacts and changes in the environment. Monterey pine is sensitive to impacts from construction while coast live oak is more moderate in response.

Tree age and longevity

Old trees, while having significant emotional and aesthetic appeal, have limited physiological capacity to adjust to an altered environment. Young trees are better able to generate new tissue and respond to change.

Species invasiveness

Species which spread across a site and displace desired vegetation are not always appropriate for retention. This is particularly true when indigenous species are displaced. The California Invasive Plant Inventory Database (http://www.cal-ipc.org/paf/) lists species identified as having being invasive. San Francisco is part of the Northwest Floristic Province. None of the species present is listed as invasive.

Each tree was rated for suitability for preservation based upon its age, health, structural condition and ability to safely coexist within a development environment (Table 2).

Table 2. Tree suitability for preservation. Maintenance Building Project. San Mateo County portion. The Olympic Club. San Francisco CA.

High	Trees with good health and structural stability that have the potential for longevity at the site. No tree was rated as having high suitability for preservation.
Moderate	Trees in fair health and/or possessing structural defects that may be abated with treatment. Trees in this category require more intense management and monitoring, and may have shorter life-spans than those in the "high" category. Nine trees were rated as having moderate suitability for preservation: coast live oak #1705, 1714, 1718, 1725, 1730, 1739, 1746, 1769 and Brisbane box #1802.
Low	Trees in poor health or possessing significant defects in structure that cannot be abated with treatment. These trees can be expected to decline regardless of management. The species or individual tree may possess either characteristics that are undesirable in landscape settings or be unsuited for use areas. Sixty-eight (68) trees were rated as having low suitability for preservation: 30 lilypily, 29 coast live oak, 7 Monterey pine, Brisbane box #1803, and tea tree #1722.

Note: Table does not include Monterey pine #1727, 1729, 1731, 1733 and 1744 which were dead.

We consider trees with high suitability for preservation to be the best candidates for preservation during development. We do not recommend retention of trees with low suitability for preservation in areas where people or property will be present. Retention of trees with moderate suitability for preservation depends upon the intensity of proposed site changes.

Evaluation of Impacts and Recommendations for Action

Appropriate tree retention develops a practical match between the location and intensity of construction activities, and the quality and health of trees. The tree assessment was the reference point for tree condition and quality. Impacts from the proposed project were assessed using the Layout, Grading and Drainage Plan.

The plan depicted the location and extent of the new facility. The existing site will be demolished and enlarged on the south and west. The water tank will remain. The existing electrical line will be placed underground.

Based on my evaluation of the plans, I recommend preservation of 18 trees (8 Significant) and removal of 64 (12 Significant) (Table 3). Among trees recommended for preservation are 15 coast live oaks and three Monterey pines. Among trees recommended for removal, 48 are located within the project's proposed development area, 11 are located along the alignment of the new underground utilities (Photo 5) and five trees were dead.



Photo 5. Looking south. Existing overhead electrical lines will be placed underground along the same alignment, necessitating removal of several trees. Monterey pine #1703 is in the center-right of the photograph.

Recommendations for tree preservation are predicated on adherence to the *Tree Preservation Guidelines* (following section).

Table 3. Proposed action. Maintenance Building Project. San Mateo County portion. The Olympic Club. San Francisco CA.

Tree No.	Species	Trunk Diameter (in.)	Significant Tree ?	Condition 0=dead 1=poor 5=excell.	Proposed Action	Notes
1701	Monterey pine	22	Significant	3	Remove	Utility undergrounding
1702	Coast live oak	15,15,11	Significant	3	Remove	Utility undergrounding
1703	Monterey pine	52	Significant	3	Remove	Utility undergrounding
1704	Coast live oak	9,8,4		2	Remove	Utility undergrounding
1705	Coast live oak	13,12,11	Significant	3	Preserve	Edge of development area
1706	Coast live oak	8,8,7,7		2	Preserve	Edge of development area
1707	Coast live oak	7,6		2	Remove	Utility undergrounding
1708	Coast live oak	6		2	Remove	Utility undergrounding
1709	Coast live oak	9		3	Remove	Utility undergrounding
1710	Coast live oak	12	Significant	3	Preserve	Edge of development area
1711	Coast live oak	7		3	Remove	Utility undergrounding
1712	Coast live oak	11		2	Remove	Utility undergrounding
1713	Coast live oak	9	-	3	Preserve	Edge of development area
1714	Coast live oak	10,10		3	Preserve	Edge of development area
1715	Coast live oak	10,6,6		3	Preserve	Edge of development area
1716	Coast live oak	6		2	Remove	Utility undergrounding
1717	Coast live oak	6	(4000)	2	Remove	Utility undergrounding
1718	Coast live oak	7,6		4	Remove	Within development area
1719	Coast live oak	6	:	2	Remove	Within development area
1720	Coast live oak	7		2	Remove	Within development area
1721	Monterey pine	28	Significant	2	Preserve	Edge of development area
1722	Tea tree	10,10,7	<u> </u>	3	Preserve	Edge of development area
1723	Coast live oak	7,7,5,4		3	Preserve	Edge of development area
1724	Coast live oak	8,6		2	Preserve	Edge of development area
1725	Coast live oak	13	Significant	3	Preserve	Edge of development area; prune for clearance?
1726	Coast live oak	6		2	Preserve	Edge of development area
1727	Monterey pine	16	lee .	0	Remove	Dead
1728	Monterey pine	28	Significant	2	Preserve	Edge of development area
1729	Monterey pine	24	n au	0	Remove	Dead
1730	Coast live oak	9,8,8,6,5,5	D 110	4	Preserve	Edge of development area
1731	Monterey pine	32	1990	0	Remove	Dead
1732	Monterey pine	21	Significant	3	Preserve	Edge of development area
1733	Monterey pine	21	1.555	0	Remove	Dead
1734	Monterey pine	24	Significant	3	Remove	Within development area
1735	Coast live oak	9,6		2	Remove	Within development area
1736	Coast live oak	9,7,6	-	2	Remove	Within development area

Table 3, continued. Proposed action. Maintenance Building Project. San Mateo County portion. The Olympic Club. San Francisco CA.

Tree No.	Species	Trunk Diameter (in.)	Significant Tree ?	Condition 0=dead 1=poor 5=excell.	Proposed Action	Notes
1737	Coast live oak	8,6,5		2	Remove	Within development area
1738	Coast live oak	10,5,4,4	8 -	2	Remove	Within development area
1739	Coast live oak	15,14,14,12,12,5	Significant	4	Remove	Within development area
1740	Coast live oak	14	Significant	3	Remove	Within development area
1741	Coast live oak	15	Significant	3	Remove	Within development area
1742	Coast live oak	8,8,6	8.	2	Remove	Within development area
1743	Monterey pine	16	Significant	3	Remove	Within development area
1744	Monterey pine	13		0	Remove	Dead
1745	Coast live oak	10		3	Remove	Within development area
1746	Coast live oak	12,7,6,4	Significant	3	Remove	Within development area
1747	Coast live oak	9		2	Remove	Within development area
1769	Coast live oak	21	Significant	3	Preserve	Edge of development area
1770	Coast live oak	13	Significant	2	Preserve	Edge of development area
1771	Coast live oak	7		2	Preserve	Edge of development area
1772	Lilypily	9,8,7,6		3	Remove	Within development area
1773	Lilypily	10		3	Remove	Within development area
1774	Lilypily	9		3	Remove	Within development area
1775	Lilypily	9,7		3	Remove	Within development area
1776	Lilypily	12	Significant	3	Remove	Within development area
1777	Lilypily	10		3	Remove	Within development area
1778	Lilypily	9		2	Remove	Within development area
1779	Lilypily	8,7		3	Remove	Within development area
1780	Lilypily	9		2	Remove	Within development area
1781	Lilypily	7,5	==	3	Remove	Within development area
1782	Lilypily	6,4,4,3		2	Remove	Within development area
1783	Lilypily	8,7,6,6	-	2	Remove	Within development area
1784	Lilypily	14	Significant	3	Remove	Within development area
1785	Lilypily	7,5	2. 	2	Remove	Within development area
1786	Lilypily	7,6,5		3	Remove	Within development area
1787	Lilypily	7,6,6,5,5		3	Remove	Within development area
1788	Lilypily	9		3	Remove	Within development area
1789	Lilypily	10	-	3	Remove	Within development area
1790	Lilypily	6,4		3	Remove	Within development area
1791	Lilypily	7		3	Remove	Within development area
1792	Lilypily	7,6		3	Remove	Within development area
1793	Lilypily	7,7,4,3		3	Remove	Within development area
1794	Lilypily	7	-	3	Remove	Within development area

Table 3, continued. Proposed action. Maintenance Building Project. San Mateo County portion. The Olympic Club. San Francisco CA.

Tree No.	Species	Trunk Diameter (in.)	Significant Tree ?	Condition 0=dead 1=poor 5=excell.	Proposed Action	Notes
1795	Lilypily	7,5	v aa	3	Remove	Within development area
1796	Lilypily	6	-	3	Remove	Within development area
1797	Lilypily	7,3	-	3	Remove	Within development area
1798	Lilypily	8,6		3	Remove	Within development area
1799	Lilypily	8,7	3	2	Remove	Within development area
1800	Lilypily	10,6,5,4		3	Remove	Within development area
1801	Lilypily	8,7		3	Remove	Within development area
1802	Brisbane box	20	Significant	4	Remove	Within development area
1803	Brisbane box	7,5,5,5,4,4,4		3	Remove	Within development area

Tree Preservation Guidelines

The goal of tree preservation is not merely tree survival during development but maintenance of tree health and beauty for many years. Impacts can be minimized by avoiding any construction activities inside the **TREE PROTECTION ZONE**.

The following recommendations will help reduce impacts to trees from development and maintain and improve their health and vitality through the clearing, grading and construction phases.

Design recommendations

- Any plan affecting trees should be reviewed by the Consulting Arborist with regard to tree impacts. These include, but are not limited to, improvement plans, utility and drainage plans, grading plans, landscape and irrigation plans and demolition plans.
- Include tree trunk locations, canopy limits (dripines), and tree numbers on all plans.
- 3. Establish a TREE PROTECTION ZONE must be established for trees to be preserved, in which no disturbance is permitted. For design purposes, the TREE PROTECTION ZONES shall be 1' behind the planned edge of grading. No grading, excavation, construction or storage of materials shall occur within that zone.
- Other than the planned undergrounding of the existing electrical service, underground utilities such as water and sewer shall be routed around the TREE PROTECTION ZONE.
- Irrigation systems must be designed so that no trenching will occur within the TREE PROTECTION ZONE.
- Any herbicides placed under paving materials must be safe for use around trees and labeled for that use.

Pre-construction treatments and recommendations

- The demolition contractor shall meet with the Consulting Arborist before beginning work to discuss work procedures and tree protection.
- Cap and abandon-in-place all existing underground utilities within the TREE PROTECTION ZONE. Removal of utility boxes by hand is acceptable but no trenching should be performed within the TREE PROTECTION ZONE in an effort to remove utilities, irrigation lines, etc.
- Fence trees to completely enclose the TREE PROTECTION ZONE prior to demolition, grubbing, or grading. Fences shall be 6 ft. chain link or equivalent as approved by the County of San Mateo. Fences are to remain until all construction is completed.

- 4. Trees to be preserved may require pruning to provide clearance for construction. Any other pruning shall be completed by a Certified Arborist or Tree Worker. Pruning shall adhere to the latest edition of the ANSI Z133 and A300 standards as well as the Best Management Practices -- Tree Pruning published by the International Society of Arboriculture.
- Structures and underground features to be removed within the TREE PROTECTION
 ZONE shall use the smallest equipment, and operate from outside the TREE
 PROTECTION ZONE. The consultant shall be on-site during all operations within
 the TREE PROTECTION ZONE to monitor demolition activity.

Recommendations for tree protection during construction

- Prior to beginning work, the contractors working in the vicinity of trees to be preserved are required to meet with the Consulting Arborist at the site to review all work procedures, access routes, storage areas and tree protection measures.
- 2. Fences are to remain until all site work has been completed. Fences may not be relocated or removed without permission of the Consulting Arborist.
- 3. Any excavation within the dripline or other work that is expected to encounter tree roots should be approved and monitored by the Consulting Arborist. Roots shall be cut by manually digging a trench and cutting exposed roots with a sharp saw. The Consulting Arborist will identify where root pruning is required.
- If injury should occur to any tree during construction, it should be evaluated as soon as possible by the Consulting Arborist so that appropriate treatments can be applied.
- 5. Prior to grading, pad preparation, excavation for foundations/footings/walls, trenching, trees may require root pruning outside the TREE PROTECTION ZONE by cutting all roots cleanly to the depth of the excavation. Roots shall be cut by manually digging a trench and cutting exposed roots with a sharp saw or other approved root pruning equipment. The Consulting Arborist will identify where root pruning is required.
- 6. No materials, equipment, spoil, waste or wash-out water may be deposited, stored, or parked within the **TREE PROTECTION ZONE** (fenced area).
- 7. Any additional tree pruning needed for clearance during construction must be performed by a Certified Arborist and not by construction personnel.

Summary and Recommendations

Eighty-two (82) trees were assessed in the area of the new Maintenance Building facility including 37 coast live oaks, 30 lilypily, 12 Monterey pines, two Brisbane box, and a single tea tree. No trees met San Mateo County's criterion for Heritage status. Twenty of 82 trees met San Mateo County's criterion for Significant status. Tree condition varied by both species and age. The majority of trees were in either poor (27) or fair (46) condition. Five Monterey pines were dead.

Proposed project plans call for construction of a new facility at the site of the existing one. Most of the assessed trees were located within the project footprint. I recommend preservation of 18 trees and removal of 64.

HortScience, Inc.

James R. Clark, Ph.D.

Certified Arborist WE-0846

Registered Consulting Arborist #357

ATTACHMENTS

Tree Assessment Form

Tree Location Map



TREE No.	SPECIES	TRUNK DIAMETER (in.)	SIGNIFICANT TREE ?	CONDITION 0=dead 1=poor 5=excell.	SUITABILITY for PRESERVATION	COMMENTS
1701	Monterey pine	22	Significant	3	Low	Edge of bank; leans E.; codominant trunks @ 25'; 1 stem dominates.
1702	Coast live oak	15,15,11	Significant	3	Low	Multiple attachments @ base; 1 vertical; 2 lean; low & wide.
1703	Monterey pine	52	Significant	3	Low	Codominant trunks @ base; 1 stem x'd @ 7'; Phaeolus conk @ 5'; live stem lost central leader; multiple attachments high in crown; rangy form.
1704	Coast live oak	9,8,4	.==	2	Low	Multiple attachments @ base; poor form & structure; suppressed; 2 stems horizontal to S.
1705	Coast live oak	13,12,11	Significant	3	Moderate	Multiple attachments @ base; one-sided to E.; 2 stems vertical; 1 leans E.
1706	Coast live oak	8,8,7,7	1944	2	Low	Multiple attachments @ base; suppressed; lean flat to S. & E.
1707	Coast live oak	7,6		2	Low	Codominant trunks @ base; suppressed; small sparse crown.
1708	Coast live oak	6		2	Low	Small & sparse.
1709	Coast live oak	9	(1 111)	3	Low	Narrow & upright form; sinuous trunk.
1710	Coast live oak	12	Significant	3	Low	Small high crown; sinuous trunk.
1711	Coast live oak	7	,od (∞violata sociated¥1 ((== t)	3	Low	Below overhead lines; leans S.
1712	Coast live oak	11		3 2	Low	Leans NE. over cart path; codominant trunks @ 7'; trimmed for overhead lines.
1713	Coast live oak	9		3	Low	Rangy form.
1714	Coast live oak	10,10		3	Moderate	Codominant trunks @ 3'; high crown.
1715	Coast live oak	10,6,6	1 1	3	Low	Multiple attachments @ base; edge; one-sided to N.



TREE No.	SPECIES	TRUNK DIAMETER (in.)	SIGNIFICANT TREE ?	CONDITION 0=dead 1=poor 5=excell.	SUITABILITY for PRESERVATION	COMMENTS
1716	Coast live oak	6	2 00 1	2	Low	Poor form & structure; leans SE.
1717	Coast live oak	6	-	2	Low	Poor form & structure; leans S.
1718	Coast live oak	7,6		4	Moderate	Codominant trunks @ 1'; short; good canopy.
1719	Coast live oak	6		2	Low	Suppressed; poor form & structure.
1720	Coast live oak	7		2	Low	Suppressed; leans SE.
1721	Monterey pine	28	Significant	2	Low	Mid-slope; good form; dying.
1722	Tea tree	10,10,7	-	3	Low	Sprawling shrub.
1723	Coast live oak	7,7,5,4		3	Low	Tag on fence; multiple attachments @ base; sprawling shrub.
1724	Coast live oak	8,6	: == ;:	2	Low	Tag on fence; codominant trunks @ base; suppressed.
1725	Coast live oak	13	Significant	3	Moderate	Tag on fence; 6' behind fence; low & wide; half of canopy extends over fence.
1726	Coast live oak	6	223	2	Low	Tag on fence; suppressed.
1727	Monterey pine	16	22	0	125	Tag on fence; mower shed; dead.
1728	Monterey pine	28	Significant	2	Low	Tag on fence; mower shed; leaning & one-sided to E.
1729	Monterey pine	24	==	0	(0x0	Tag on fence; mower shed; dead.
1730	Coast live oak	9,8,8,6,5,5		4	Moderate	Tag on fence; mower shed; sprawling shrub.
1731	Monterey pine	32		0	tess entropy transferrance	Tag on fence: dead.
1732	Monterey pine	21	Significant	3	Low	Tag on fence; lost central leader high in crown; nice canopy.
1733	Monterey pine	21	22	0	200 200	Tag on fence; dead.
1734	Monterey pine	24	Significant	3	Low	One-sided to S.; top thinning; sinuous trunk.
1735	Coast live oak	9,6		2	Low	Codominant trunks @ base; suppressed.



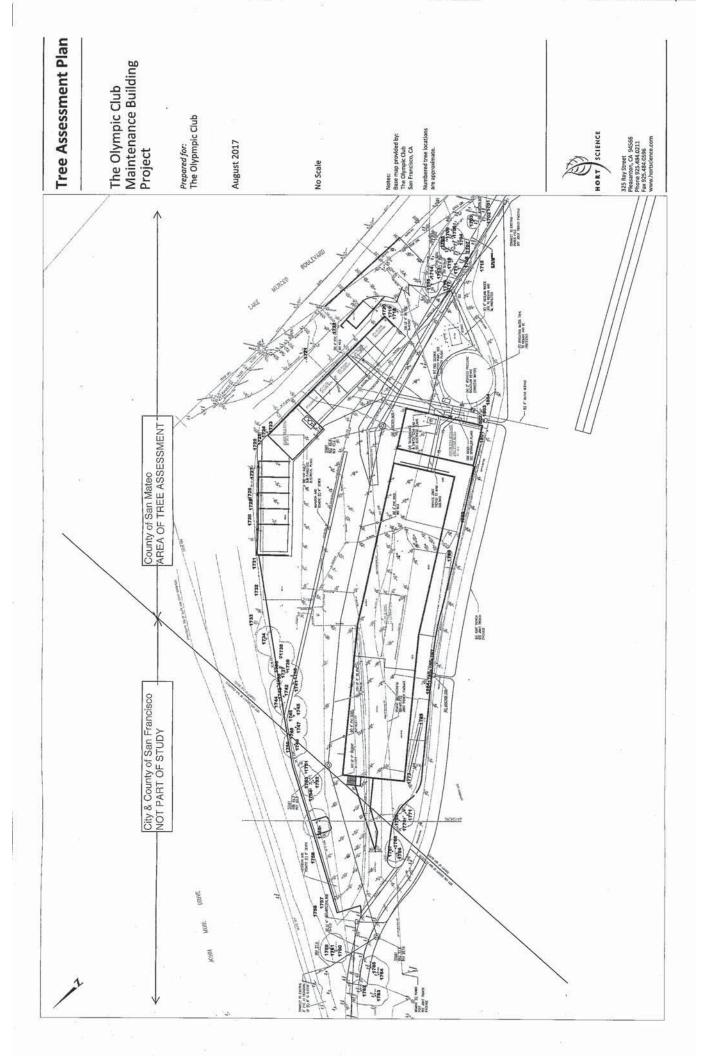
TREE No.	SPECIES	TRUNK DIAMETER (in.)	SIGNIFICANT TREE ?	CONDITION 0=dead 1=poor 5=excell.	SUITABILITY for PRESERVATION	COMMENTS
1736	Coast live oak	9,7,6		2	Low	Codominant trunks @ base & 3'; suppressed.
1737	Coast live oak	8,6,5		2	Low	Multiple attachments @ base; suppressed.
1738	Coast live oak	10,5,4,4		2	Low	Multiple attachments @ base; suppressed.
1739	Coast live oak	15,14,14,12,1 2,5	Significant	4	Moderate	Multiple attachments @ base; mix of vertical & leaning stems; canopy extends into project area.
1740	Coast live oak	14	Significant	3	Low	One-sided to SW.; small crown; over project area; trunk wounds.
1741	Coast live oak	15	Significant	3	Low	High rangy crown; edge of project area.
1742	Coast live oak	8,8,6	=	2	Low	Multiple attachments @ base; suppressed; 6" very large trunk wound.
1743	Monterey pine	16	Significant	3	Low	One-sided to S.; lost central leader high in crown.
1744	Monterey pine	13	2006 2006	0	==	Dead.
1745	Coast live oak	10		3	Low	Small tree; canopy extends into project area.
1746	Coast live oak	12,7,6,4	Significant	3	Moderate	Multiple attachments @ base; 12" dominates with most of canopy over project area.
1747	Coast live oak	9	 -	2	Low	Suppressed; poor form & structure.
1769	Coast live oak	21	Significant	3	Moderate	Side-trimmed for overhead lines; one-sided & leans S.; okay tree.
1770	Coast live oak	13	Significant	2	Low	Leans S.; base outside of dripline; sweeps vertical @ tips.
1771	Coast live oak	7	0944	2	Low	Suppressed.
1772	Lilypily	9,8,7,6	-	3	Low	W. end of long row; multiple attachments @ base.
1773	Lilypily	10	(S)	3	Low	Long row.
1774	Lilypily	9	10 4-1	3	Low	Long row; codominant trunks @ 6'.
1775	Lilypily	9,7	0##1	3	Low	Long row; codominant trunks @ base.



TREE No.	SPECIES	TRUNK DIAMETER (in.)	SIGNIFICANT TREE ?	CONDITION 0=dead 1=poor 5=excell.	SUITABILITY for PRESERVATION	COMMENTS
1776	Lilypily	12	Significant	3	Low	Long row; multiple attachments @ 3'.
1777	Lilypily	10		3	Low	Long row; codominant trunks @ 4'.
1778	Lilypily	9		2	Low	Long row; codominant trunks @ 4'; poor form & structure.
1779	Lilypily	8,7	22	3	Low	Long row; codominant trunks @ base.
1780	Lilypily	9	22	2	Low	Long row; bowed N.; poor form & structure.
1781	Lilypily	7,5		3	Low	Long row; codominant trunks @ base.
1782	Lilypily	6,4,4,3	27	2	Low	Long row; multiple attachments @ 1'.
1783	Lilypily	8,7,6,6	177	2	Low	E. end of long row; multiple attachments @ 1'; both 8" stems have trunk wounds.
1784	Lilypily	14	Significant	3	Low	Middle group; multiple attachments @ 4'.
1785	Lilypily	7,5) (2	Low	Middle group; codominant trunks @ 1'; separated.
1786	Lilypily	7,6,5	(**	3	Low	Middle group; multiple attachments @ base.
1787	Lilypily	7,6,6,5,5	SEE	3	Low	Middle group; multiple attachments @ base.
1788	Lilypily	9	Para -	3	Low	Middle group.
1789	Lilypily	10	-	3	Low	E. group; multiple attachments @ 4'.
1790	Lilypily	6,4		. 3	Low	E. group; codominant trunks @ 4'.
1791	Lilypily	7	355	3	Low	E. group.
1792	Lilypily	7,6	-	3	Low	E. group; codominant trunks @ 4'.
1793	Lilypily	7,7,4,3		3	Low	E. group; multiple attachments @ 4'.
1794	Lilypily	7	8	3	Low	E. group; codominant trunks @ 3'.
1795	Lilypily	7,5		3	Low	E. group.
1796	Lilypily	6	9 22 6	3	Low	E. group.
1797	Lilypily	7,3	-	3	Low	E. group; codominant trunks @ base.
1798	Lilypily	8,6	(55.)	3	Low	E. group; codominant trunks @ 3'.



TREE No.	SPECIES	TRUNK DIAMETER (in.)	SIGNIFICANT TREE ?	CONDITION 0=dead 1=poor 5=excell.	SUITABILITY for PRESERVATION	COMMENTS
1799	Lilypily	8,7		2	Low	E. group; multiple attachments @ 1'; 3rd stem x'd leaving large wound.
1800	Lilypily	10,6,5,4	(100 .);	3	Low	E. group; multiple attachments @ 3'.
1801	Lilypily	8,7	Here)	3	Low	E. group; codominant trunks @ 2'.
1802	Brisbane box	20	Significant	4	Moderate	Codominant trunks @ 51/2'; high crown.
1803	Brisbane box	7,5,5,5,4,4,4	144	3	Low	Multiple attachments @ base.



The Olympic Club - Maintenance Facility Replacement



Current Condition



After demolition of existing buildings and construction of new building



After demolition of existing buildings, construction of new building and removal of trees