

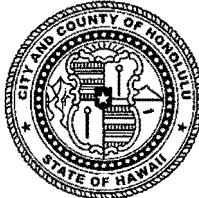
**DEPARTMENT OF PARKS AND RECREATION
KA 'OIHANA MĀLAMA PĀKA A ME NĀ HANA HO'ONANEA
CITY AND COUNTY OF HONOLULU**

1000 ULU'ŌHI'A STREET, SUITE 309 • KAPOLEI, HAWAII 96707
PHONE: (808) 768-3003 • FAX: (808) 768-3053 • WEBSITE: honolulu.gov/parks

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December 18, 2025

Ms. Mary Alice Evans, Director
Office of Planning and Sustainable Development
Department of Business, Economic Development and Tourism
235 South Beretania Street, Room 702
Honolulu, Hawaii 96813

SUBJECT: Draft Environmental Assessment
Kyudojo—Japanese Archery Range at Mau'umae Nature Park
TMK: (1) 3-3-001:015
Palolo Ahupua'a, District of Honolulu, O'ahu

Dear Ms. Evans:

The Department of Parks and Recreation, City and County of Honolulu, has reviewed the Draft Environmental Assessment for the subject project and is issuing an Anticipated Finding of No Significant Impact (AFONSI) determination. Please publish this determination in the next issue of *The Environmental Notice*.

The purpose of the proposed action is to provide a new recreation facility on an undeveloped portion of Mau'umae Nature Park. The action will provide a venue for furthering Japanese archery (kyūdō) as a recreational form and a facility for public use, such as neighborhood/community meetings, as well as organized indoor recreational activities.

The Draft Environmental Assessment will be uploaded to the Environmental Review Program website with the Environmental Notice publication form.

Please contact Ms. Dori Amano-Mitsui, Departmental Staff Executive Assistant, at dori.amanomitsui@honolulu.gov, or (808) 768-3009 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Laura H. Thielen".

Laura H. Thielen
Director

From: dbedt.opsd.erp@hawaii.gov
To: DBEDT OPSD Environmental Review Program
Subject: New online submission for The Environmental Notice
Date: Tuesday, December 30, 2025 8:52:18 AM

| |
|--|
| Action Name |
| Kyudojo Japanese Archery Range at Mau'umae Nature Park |
| Type of Document/Determination |
| Draft environmental assessment and anticipated finding of no significant impact (DEA-AFNSI) |
| HRS §343-5(a) Trigger(s) |
| <ul style="list-style-type: none">• (1) Propose the use of state or county lands or the use of state or county funds |
| Judicial district |
| Honolulu, O'ahu |
| Tax Map Key(s) (TMK(s)) |
| [1] 3-3-014; 015 |
| Action type |
| Applicant |
| Other required permits and approvals |
| Building Permit Application (BWS), Grubbing Grading and Stockpiling, Building, Excavate Public Right-of-Way, Sewer Connection, Certificate of Occupancy, Plan Review (HFD), Variance from Pollution Controls, Discharge of Hydrotesting Water, DCAB Review, Acceptance of Facility |
| Discretionary consent required |
| None |
| Agency jurisdiction |
| City and County of Honolulu |
| Approving agency |
| Department of Parks and Recreation |
| Agency contact name |
| Dori Amano-Mitsui |
| Agency contact email (for info about the action) |
| dori.amanomitsui@honolulu.gov |
| Email address for receiving comments |
| dori.amanomitsui@honolulu.gov |
| Agency contact phone |
| (808) 768-3009 |
| Agency address |

1001 Uluohia Street, Suite 309
Kapolei, Hawaii 96707
United States
[Map It](#)

Applicant

Hawaii Kyudo Foundation

Applicant contact name

Robert Dewitz

Applicant contact email

bobdewitz@outlook.com

Applicant contact phone

(808) 371-0216

Applicant address

1705 Uhi Place
Honolulu, Hawaii 96821
United States
[Map It](#)

Is there a consultant for this action?

Yes

Consultant

Gerald Park Urban Planner

Consultant contact name

Gerald Park

Consultant contact email

gpark@gpup.biz

Consultant contact phone

(808) 625-9626

Consultant address

95-595 Kanamee Street #324
Mililani, Hawaii 96789
United States
[Map It](#)

Action summary

The Department of Parks and Recreation, City and County of Honolulu and the Hawaii Kyudo Foundation (HKF) a private non-profit organization have entered into an Agreement to improve a portion of Mau'umae Nature Park for recreational use.

The purpose of the project is to construct a Japanese archery facility or kyudojo on a vacant, brush-covered section of the park. The project will provide a facility to support the ancient Japanese martial art of archery or kyudo.

An approximately 20,500 square foot area (0.47 acres) is proposed for the archery range and support facilities. The archery range is comprised of three elements: a shooting house (or shajo), a target house (matoba), and a shooting range (yamichi).

A 19-stall parking area will be constructed adjoining the archery range. Access will be from 16th Avenue through a 20-foot wide, two-way driveway.

Three restrooms will be provided at the shajo: two inside for archers and one outside for volunteer workers maintaining the park. The outside restroom will be locked. Access will be provided by code to the Honolulu Police Department and volunteer workers.

The cost of the project is estimated at \$0.80 million. The Hawaii Kyudo Foundation will fund, construct, operate, and maintain the facility at no cost to the city. When construction is completed, the dojo will be gifted to the City and County of Honolulu and become another Department of Parks and Recreation facility. The city will retain ownership

Reasons supporting determination

Refer to Section 7 Determination of Significance in the draft environmental assessment.

Attached documents (signed agency letter & EA/EIS)

- [Kyudojo-Japanese-Archery-Range-at-Mauumae-Nature-Park1.pdf](#)
- [AFONSI-letter-FINAL-SEARCHABLE.pdf](#)

ADA Compliance certification (HRS §368-1.5):

The authorized individual listed below acknowledges that they retain the responsibility for ADA compliance and are knowingly submitting documents that are unlocked, searchable, and may not be in an ADA compliant format for publication. Audio files do not include transcripts, captions, or alternative descriptions. The project files will be published without further ADA compliance changes from ERP, with the following statement included below the project summary in The Environmental Notice: "If you are experiencing any ADA compliance issues with the above project, please contact (authorized individual submitting the project at email)."

Action location map

- [Mauumae-Nature-Park1.zip](#)

Authorized individual

Gerald Park

Authorized individual email

gspark@gpup.biz

Authorized individual phone

(808) 625-9626

Authorization

- The above named authorized individual hereby certifies that he/she has the authority to make this submission.

DRAFT ENVIRONMENTAL ASSESSMENT

**KYUDOJO – JAPANESE ARCHERY RANGE
AT MAU'UMAE NATURE PARK**

Palolo Ahupua'a, District of Honolulu, O'ahu



Source: Hawaii Kyodo Foundation

Prepared for

Hawaii Kyodo Foundation
1705 Uhi Place
Honolulu, Hawaii 96821

December 2025

DRAFT ENVIRONMENTAL ASSESSMENT

KYUDOJO – JAPANESE ARCHERY RANGE AT MAU'UMAE NATURE PARK

Palolo Ahupua'a, District of Honolulu, O'ahu

Prepared in Partial Fulfillment of the Requirements of Chapter 343, Hawai'i Revised Statutes and Hawaii Administrative Rules, Chapter 11-200.1, Department of Health, State of Hawai'i

Prepared for

Hawaii Kyudo Foundation
1705 Uhi Place
Honolulu, Hawaii 96821

Prepared by

Gerald Park Urban Planner
95-595 Kanamee Street #324
Mililani, Hawai'i 96789

And

Urban Works
1953 South Beretania Street, Suite 4B
Honolulu, Hawai'i 96826

December 2025

PROJECT PROFILE

| | |
|-----------------------------|--|
| Proposed Action: | Kyudojo - Japanese Archery Range at Mau'umae Nature Park |
| Applicant: | Hawaii Kyudo Foundation 1705 Uhi Place Honolulu, HI 96821 |
| Approving Agency: | Department of Parks and Recreation 1001 Ulu'ohi'a Street, Ste 309 Kapolei, Hawai'i 96707 |
| Tax Map Key: | 3-3-014: 015 |
| Lot Area: | 106,821 square feet or 2.45 acres |
| Kyudojo Area: | c. 20,500 square feet |
| Landowner: | City and County of Honolulu |
| Existing Use: | Passive Park, Vacant Land |
| State Land Use Designation: | Urban |
| Development Plan: | Primary Urban Center |
| Open Space Map: | Regional, District, and Beach Parks; Recreational Open Space |
| Land Use Map: | Major Parks and Open Space |
| Public Infrastructure Map: | No Symbol |
| Zoning: | P-2 (General Preservation) |
| Special District: | None |
| Special Management Area: | Outside Special Management Area |
| Anticipated Determination: | Finding of No Significant Impact |
| Need for Assessment: | Chapter 343, Hawai'i Revised Statutes §343-5(a)(1) Propose the use of state or county lands or the use of state or county funds |
| Contact Person: | Dori Amano-Mitsui Department of Parks and Recreation City and County of Honolulu 1001 Ulu'ohi'a Street, Ste 309 Kapolei, Hawai'i 96707 |
| | Telephone: (808) 768-3009 Email: dori.amanomitsui@honolulu.gov |

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DESCRIPTION OF THE PROPOSED PROJECT

The Hawaii Kyudo Foundation ("HKF"), a 501(c)3 non-profit organization, proposes to design, build, operate, and maintain a Japanese archery facility ("kyudojo") at Mau'umae Nature Park located in the Kahala Water Subdivision, Mau'umae Ili, Palolo ahupua'a, Honolulu, O'ahu. Located in a residential neighborhood, the city owned Mau'umae Nature Park sprawls over seven separate lots. Three local streets--16th Avenue on the west, Koko Drive on the north, and Claudine Street on the south--separate the project site from adjoining residences. A Vicinity Map is shown as Figure 1.

The lots comprising the park are listed below.

| <u>Tax Map Key</u> | <u>Area</u> | <u>Owner</u> |
|--------------------|---------------------|-----------------------------|
| 3-3-014: 015 | 2.45 acres | City and County of Honolulu |
| 3-3-014: 016 | 1.29 acres | City and County of Honolulu |
| 3-3-014: 017 | 1.52 acres | City and County of Honolulu |
| 3-3-017: 001 | 3.686 acres | City and County of Honolulu |
| 3-3-018: 056 | 3.542 acres | City and County of Honolulu |
| 3-3-019: 002 | 0.419 acres | City and County of Honolulu |
| 3-3-019: 005 | <u>16.995 acres</u> | City and County of Honolulu |
| | | 29.902 acres |

As shown as Figure 2, the proposed archery range would be located on TMK 3-3-014: 015 which is bounded by 16th Avenue to the west, an existing mini-park and Claudine Street to the south, Koko Drive to the north, and a Board of Water Supply lot to the east.

A. Purpose of the Project

The Department of Parks and Recreation, City and County of Honolulu and the Hawaii Kyudo Foundation, a private non-profit organization have entered into an Agreement to improve a portion of Mau'umae Nature Park for recreational use.

The purpose of the project is to construct a Japanese archery facility or *kyudojo* on a vacant, brush-covered section of the park. The Hawaii Kyudo Foundation (HKF) will fund and construct the facility at no cost to the city. When construction is completed, the *dojo* will be gifted to the City and County of Honolulu and become another Department of Parks and Recreation facility. In addition to Japanese archery, the facility will be available for public uses such as community meetings and recreational classes such as yoga, tai chi, and hula.

The City will retain ownership of the lot (015) and adjoining park land. Hawaii Kyudo Foundation (HKF) will operate and maintain the facility when it is completed. The city will pay for water and electricity.

The Project is an evolutionary outgrowth of the original Mau'umae Nature Park Master Plan dated March 23, 2003. That plan envisioned the construction of a parking area, nature paths, playgrounds, and a restroom facility on the site. The plan also considered including a *kyudojo*, but it was ultimately omitted due to unresolved safety concerns. Since 2003, no funding has

become available to realize the Master Plan and the site has remained in its original, overgrown condition.

B. Technical Characteristics

1. Japanese Archery Range or *Kyudojo*

The project will provide a facility to support the ancient Japanese martial art of archery or *kyudo*. It will not be suitable for those who wish to practice western style archery. Western archery uses bows with substantially more power so different barriers and safety requirements would have to be incorporated into the design and the dimensions of a western archery range and *kyudojo* are different.

An approximately 20,500 square foot area (0.47 acres) is proposed for the archery range and support facilities. Proposed for the middle section of lot 015, the range is comprised of three elements: a shooting house (or *shajo*), a target house (*matoba*), and a shooting range (*yamichi*).

As shown on Sheet C101, the *kyudojo* is sited west to east across the lot. There are three principal structures: a large, rectangular shaped structure or *shajo* proposed for the west end, an abutting and smaller meeting room, and a smaller rectangular shaped structure or *matoba* on the east end.

The *shajo* is approximately 3,760 square feet and 17'-5" feet in height measured from finish grade to top of roof ridge. The structure will be pre-engineered, steel framed, and erected on a poured in place concrete slab. Enclosed on three sides, the open side (shooting gallery) faces the *matoba*. Interior space is set aside for a training room, two locker rooms, lobby, restrooms, and storage. A restroom attached to the *shajo* and accessible only from the outside will be provided.

The low, rectangular shaped *matoba* is approximately 824 square feet, 11 feet in height, with an open side facing the *shajo*. Archers will shoot arrows from the *shajo* to a row of targets inside the *matoba*. Targets are placed in front of a target bank (*azuchi*) which is a sloping earth and sand berm. The *matoba* will be constructed on a concrete slab, enclosed at the rear and sides with CMU block, and topped by a flat roof.

An arrow path or *yamichi* separates the *shajo* and *matoba*. It is approximately 60 feet wide X 95 feet long and with a grassed lawn of approximately 5,700 feet.

2. Grading and Drainage

The center of lot 015 will be grubbed and graded to create a level area for the archery range, parking area, and drainage control. The area to be graded is estimated at 0.682 acres which is larger in area than the archery range. Earthwork quantities are estimated at 1,800 cubic yards of excavation and 1,300 cubic yards of embankment.

Major drainage improvements are not proposed. The principal improvement would be a detention basin to be constructed on *makai* end of the parking area for collecting and retaining runoff for percolation into the ground. Swales on the east and west sides of the *kyudojo* will convey and discharge runoff to *makai* areas on the site.

Retaining walls will be constructed on the south side of the driveway and east side of the parking area and the south and east sides of the *kyudojo*. The retaining walls will hold the slope in place and prevent soil deposition at the *kyudojo*.

The Project proposes improvements only on the center section of lot 15. Uphill areas above the archery range to Koko Drive will remain as is and improvements are not proposed for the mini-park.

3. Parking Area

There is no parking area at the park. Limited on-street parking is available along Claudine Street. A 19-stall parking area will be constructed adjoining the archery range. Access will be from 16th Avenue through a 20-foot wide, two-way driveway. Seventeen standard and two accessible stalls will be provided. The parking area will be secured when the facility is not being used.

A sidewalk will be constructed at the entry to the parking area.

4. Comfort Station

There are no comfort facilities at the park. Three restrooms will be provided at the *shajo*: two inside for archers and one outside for volunteer workers maintaining the park. The outside restroom will be locked at all times. Access will be provided by code and made available to the Honolulu Police Department. Volunteers maintaining the park will be provided with a one-time use code as needed.

5. Utilities

A 6-inch sewer line will connect the restrooms at the *shajo* with a manhole outside the 16th Avenue right-of-way. Water will be brought to the site by a 1-inch line from a municipal water line in 16th Avenue. A stub out will provide irrigation water for revegetating areas outside the *kyudojo*.

Power and communication hook-ups will be taken from pole mounted systems on 16th Avenue. Electrical and communication conduits will be installed underground from the street to the *shajo*. Exterior mounted lighting will be shielded and cast light to the ground and not into the sky.

The interior of the *kyudojo* will be air conditioned.

A fire sprinkler system is not proposed.

6. Landscaping

The parking area, street set back from 16th Avenue and perimeter areas will be landscaped. A Japanese garden is proposed for an open area adjoining the *yamichi*. An irrigation system will be installed to the landscaped areas and a stub-out provided for volunteers maintaining the park. A Planting Plan is shown as Sheet L101.

A new future nature trail connecting the mini-park with the upper hillside of lot 015 will be provided for within the 16th Avenue street setback.

C. Economic Characteristics

Construction costs for the Project are estimated at \$0.80 million and will be funded by HKF. Operating and maintaining the facility will be the responsibility of HKF. The city will pay for electricity and water.

The Project will be constructed in one phase commencing after all approvals and permits are received. A summer 2026 start-up is projected with completion projected in 4 to 6 months. The terms of the Agreement stipulate a 3-year period for completing the project.

D. Social Characteristics

1. Safety

- The entire site will be fenced to prevent unauthorized entry.
- The *yamichi* will be surrounded by arrow-impermeable barriers including "sky-barrier" netting to preclude arrows from going up and out of the *yamichi*.
- Chains, ropes, gates, and signage will delineate restricted areas within the *kyudojo* to prevent inadvertent passage into the shooting area.
- Portable barriers of adequate height will be placed at the *yamichi* if an archery event is planned where spectators will be present.
- Archery activities will be conducted under direct oversight of a qualified "rangemaster".
- Archers will have to complete a range safety course, use required safety equipment, demonstrate minimum proficiency, and use the facility only under supervision of the rangemaster.

2. Operations and Maintenance

- The *kyudojo* will be open three times a week on one week night, Saturday mornings, and Sunday afternoons.
- The facility will be used for approximately 4 hours at a time. Operating hours have not been determined and could expand as the user base grows.
- Archery will be allowed only when a rangemaster is present.
- After construction, the facility will be turned over to the City and County of Honolulu as a public recreation facility.
- HKF volunteers will secure the parking area and exterior restroom at night and when the facility is not in active use.
- A secure tool room will be provided for volunteers maintaining the entire park.
- HKF will operate and maintain the facility after it is turned over to the City and County of Honolulu.
- It is anticipated that the facility would be open for public use at times similar to other park facilities under jurisdiction of the Department of Parks and Recreation.
- Reservations for using the facility will be made through the Department of Parks and Recreation website just like any other park facility.
- City standard fees will apply.
- The city will be responsible for water and electricity.

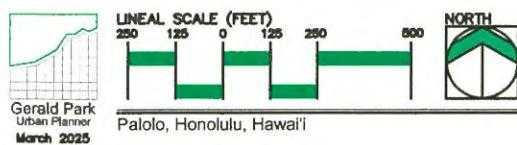
3. Public Use

- HKF will provide instruction and safety protocols that will allow any member of the public to learn *kyudo* and use the facility if they comply with safety rules and procedures.
- HKF will provide archery lessons free to the public.
- The *kyudojo* can serve as a locale for neighborhood / community events and a venue for group activities. The meeting room can be used for small group meetings and recreational activities such as *kendo*, *tai chi*, and *hula*. The *yamichi* also can support these activities as well as fundraising events.



Source: Google Maps 2025 Imagery

Figure 1
Vicinity Map
Kyudojo at
Mau'umae Nature Park



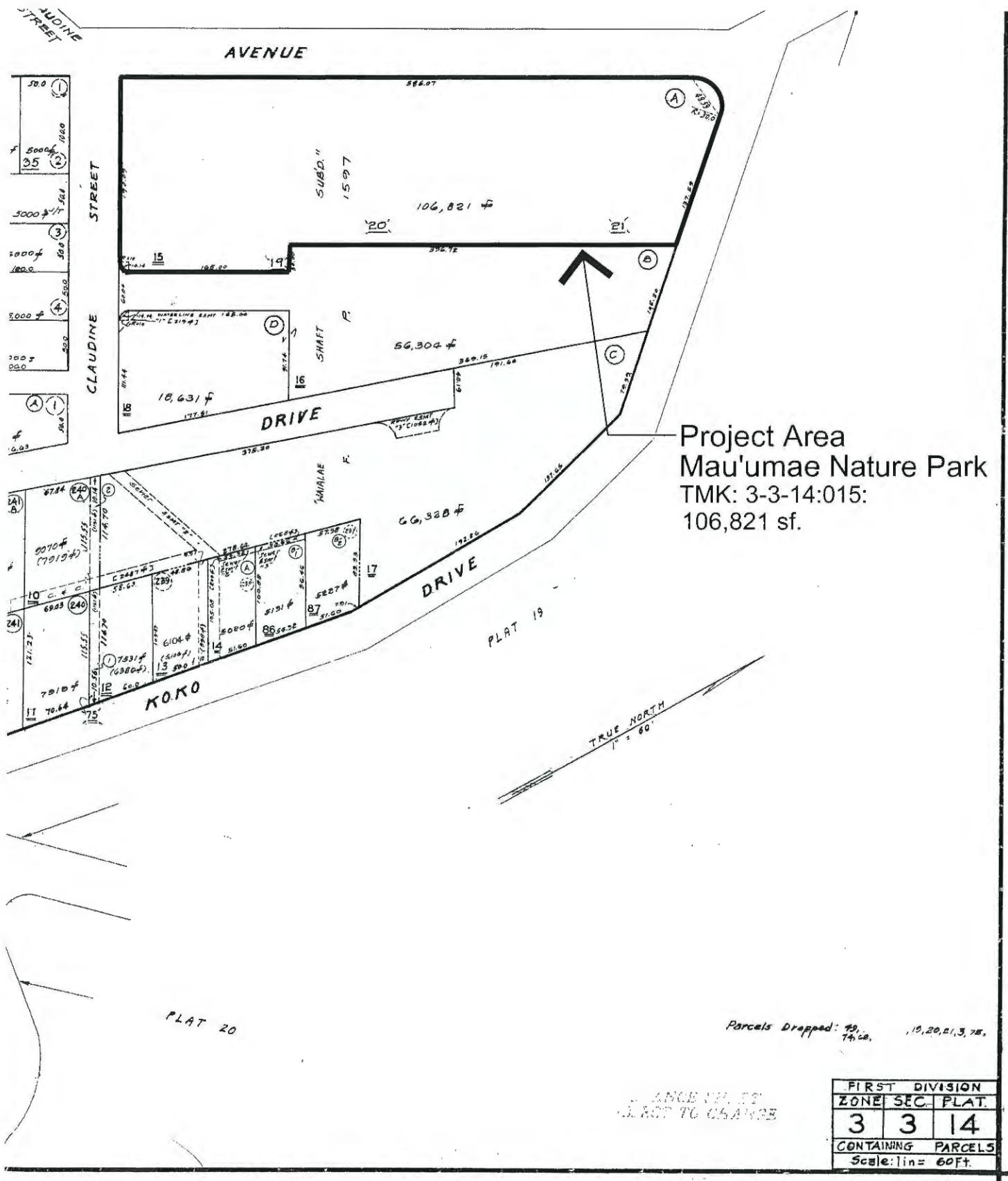
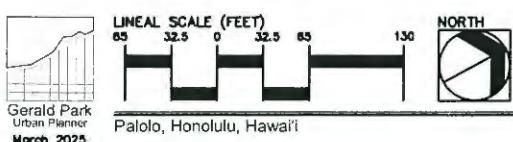
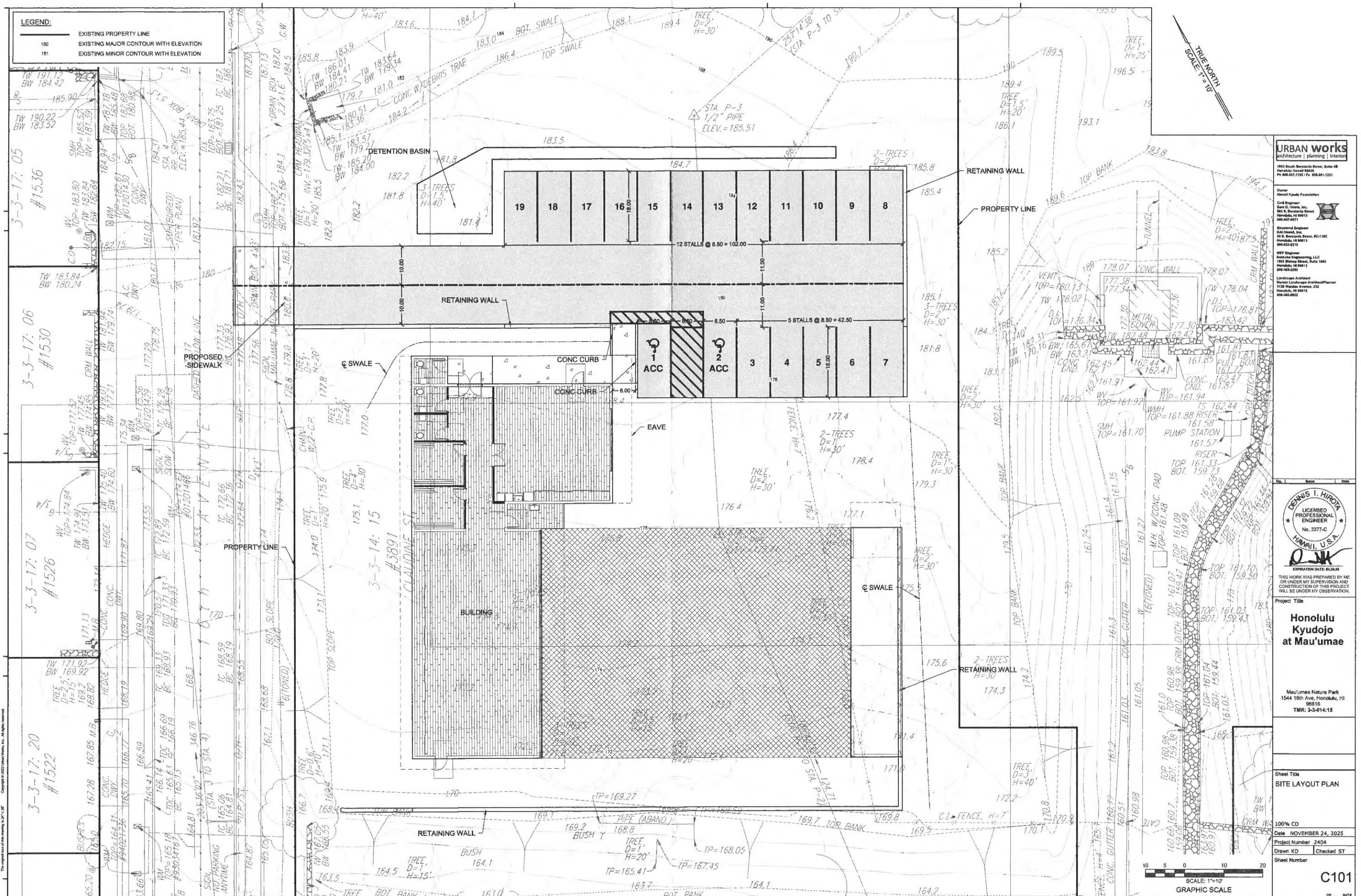
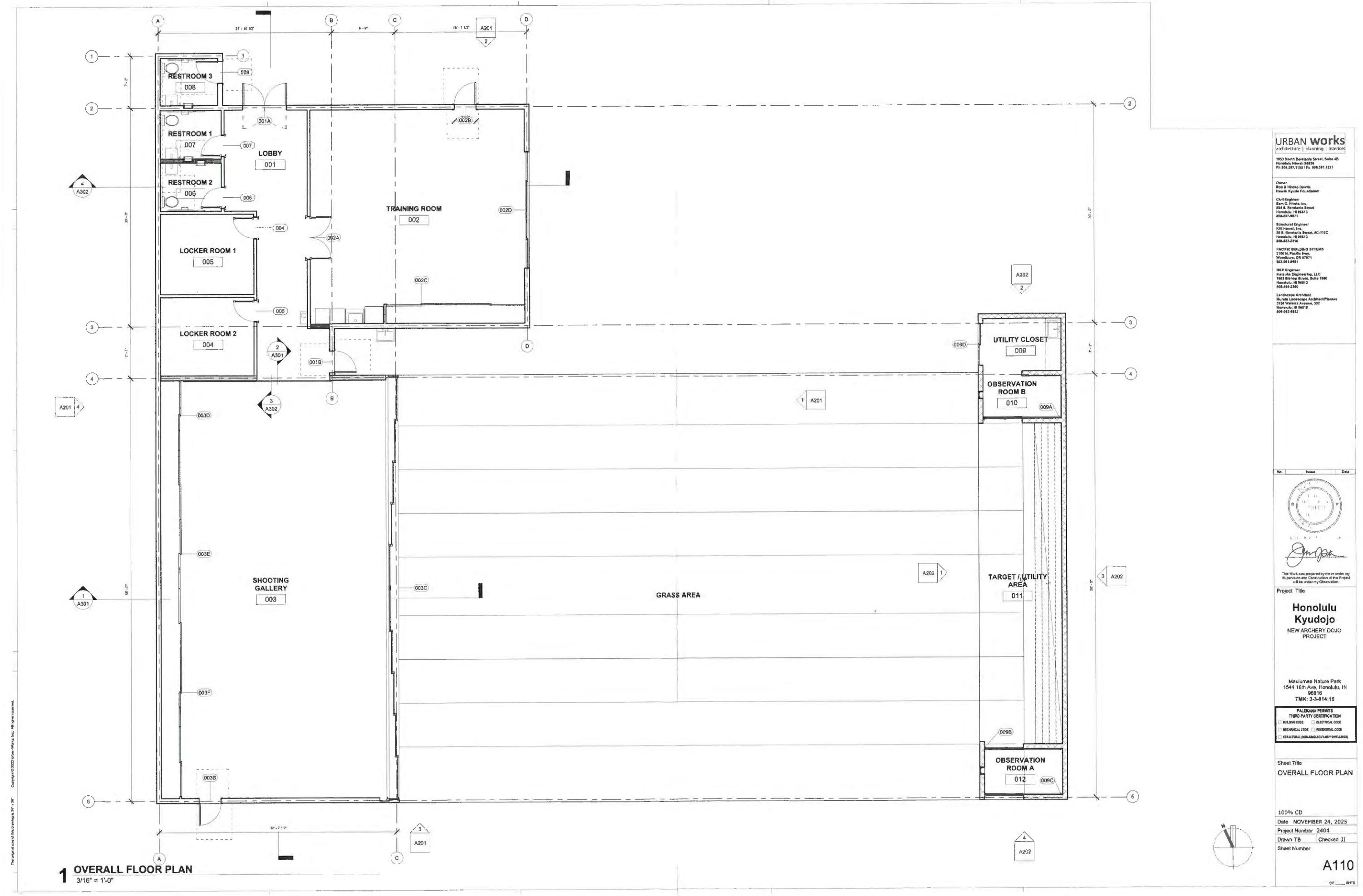
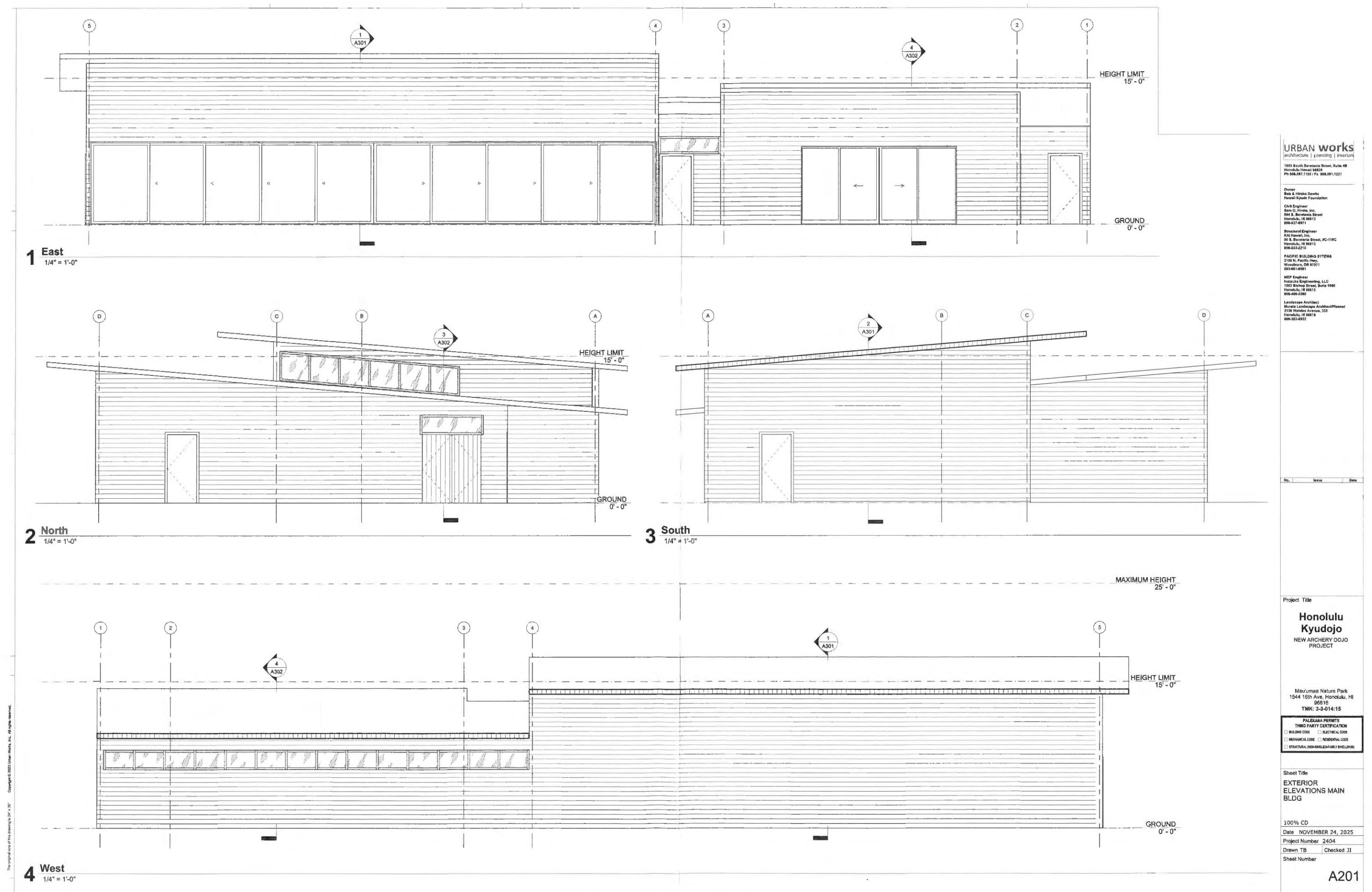


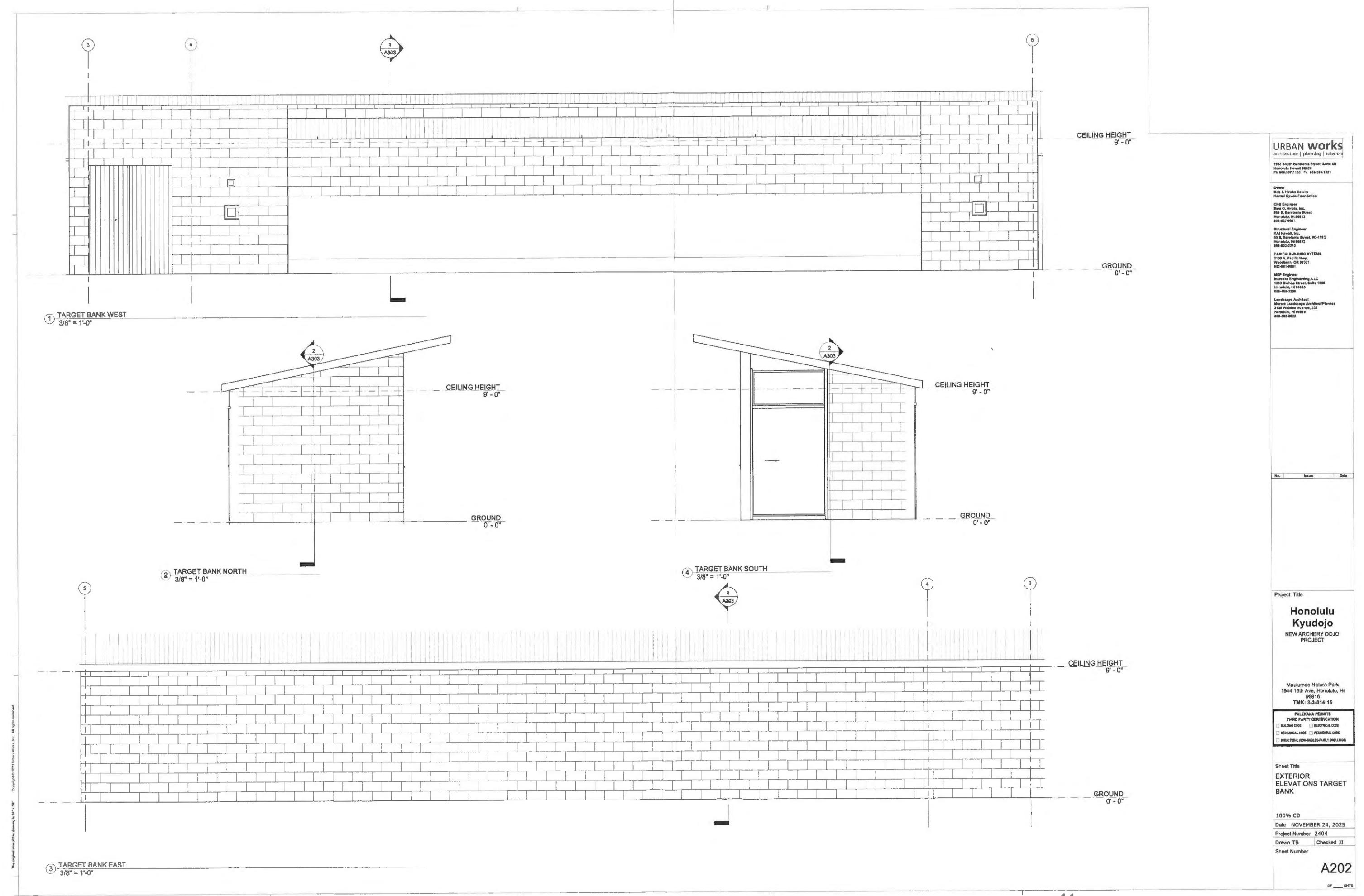
Figure 2
Tax Map
**Kyudojo at
Mau'umae Nature Park**

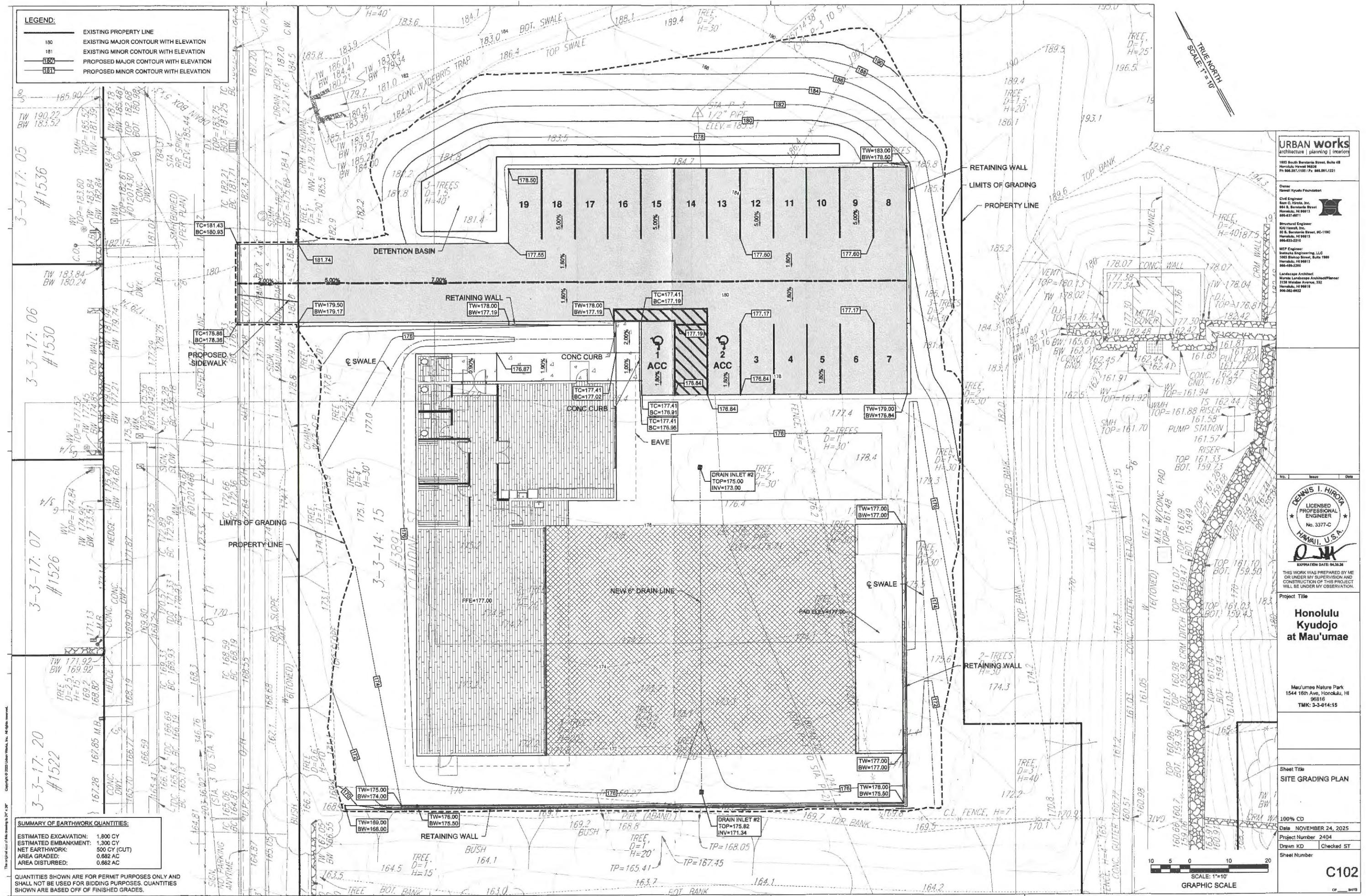


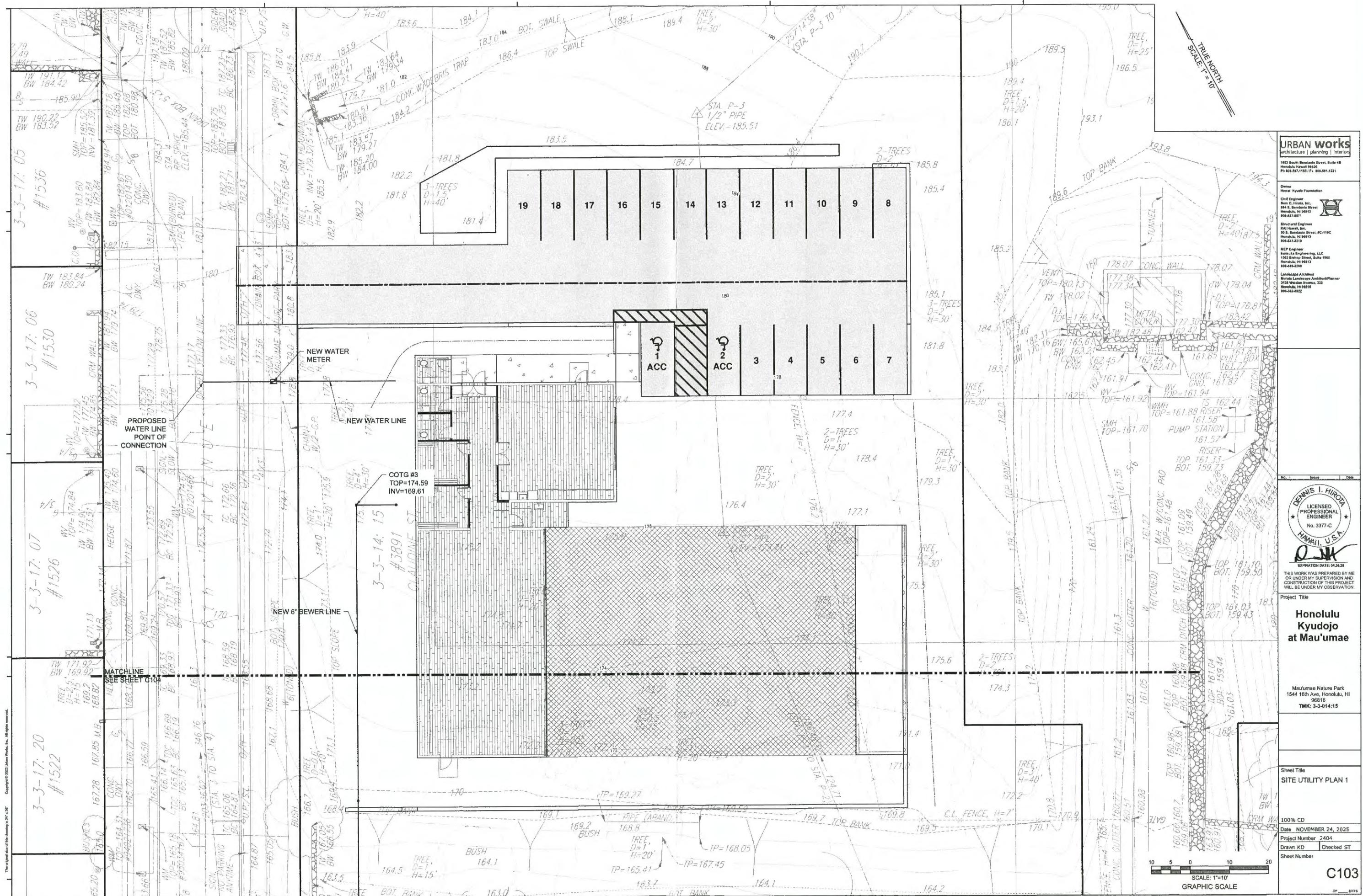


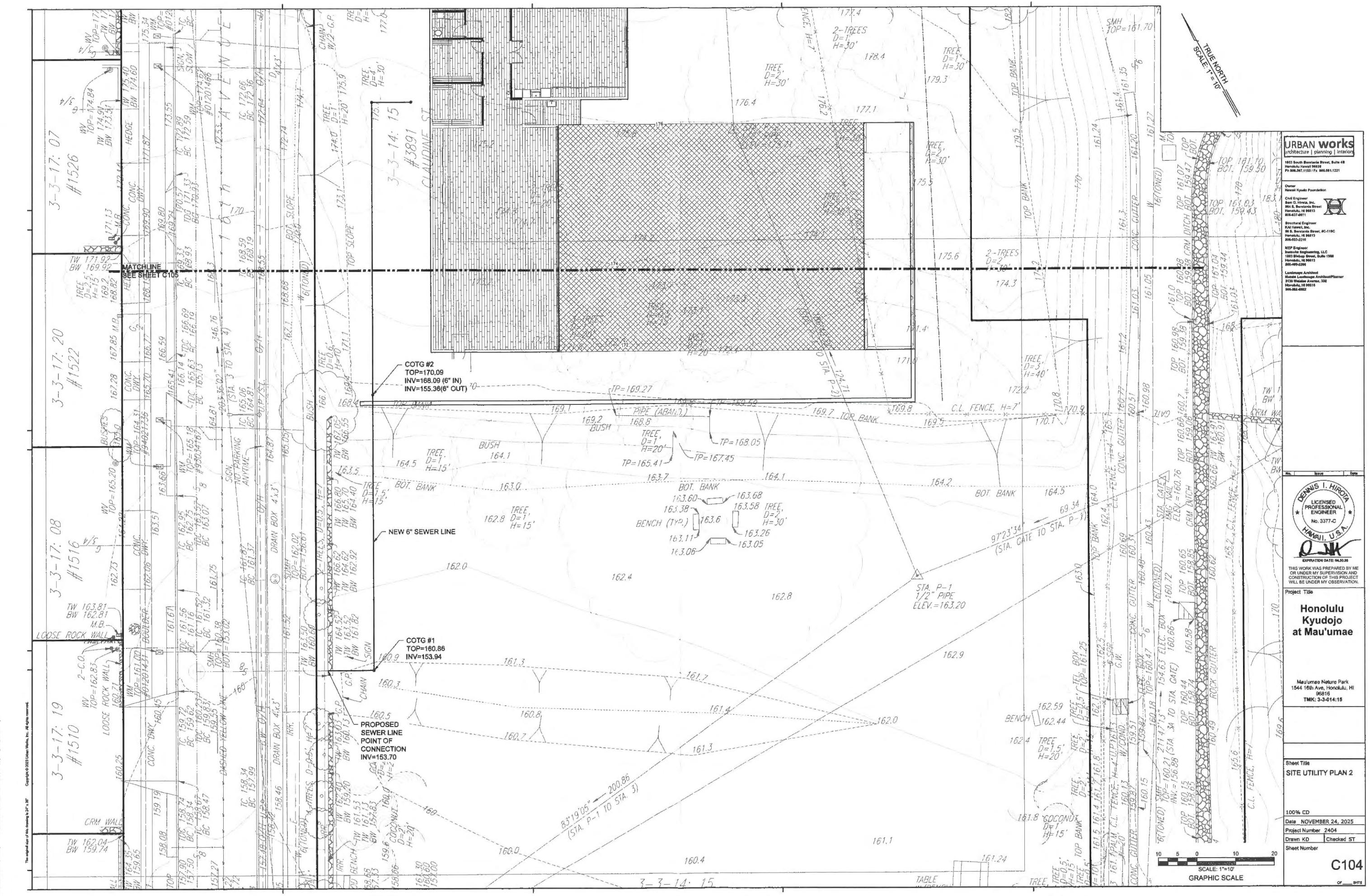


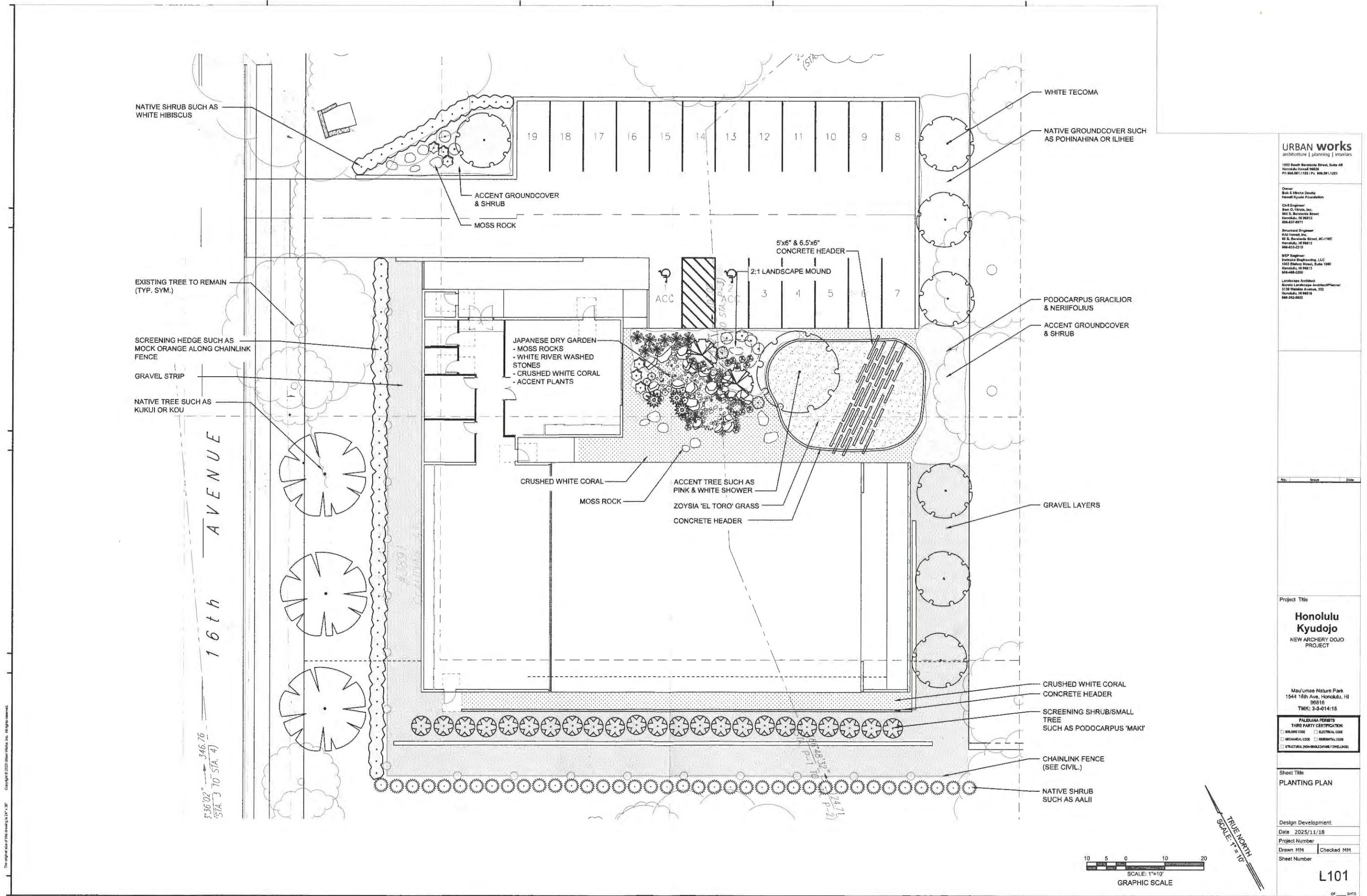












A. Existing Conditions

The area proposed for improvement is part of Mau'umae Nature Park, a 29± acre park extending from Claudine Street, 16th Avenue, and up to and along residential lots fronting Koko Drive. Two Board of Water Supply lots -- parcels 16 and 18 -- border lot 015 on the east. The Board maintains control over the larger lot (parcel 16) on which it constructed its Waialae Shaft Water Tunnel. The Shaft is no longer in use but a production well, the "Waialae West Well", has been constructed on the property. Hawaiian Electric Company leases parcel 018 for an electrical transformer.

A 0.7-acre space at the intersection of Claudine Street and 16th Avenue is grassed for passive park use. Children and youth groups use the grass field for organized recreation (practice purposes) and open space play. There are no recreational facilities at the mini park. A picnic table and bench seats are arrayed around the perimeter of the grass lawn. A water fountain is the sole amenity. An irrigation system is installed but its operating condition is not known. The space is also a dog-leash park.

The middle section of lot 015 proposed for the *kyudojo* generally is unimproved. There are no above ground structures on the lot, but a concrete lined swale crosses the lot from east to west. The ground is covered by knee/waist high grass, kiawe trees, and koa haole growth. Rock outcrops and large boulders create a "rugged natural" appearance to the site.

Limited site conditions are shown Photographs 1 and 2.

B. Topography

Mau'umae Nature Park is shaped like a bowl with sloping terrain forming the sides and a flat area the bottom. Because of the steep slopes, rocky outcrops, and boulder strewn landform, lot 015 was more than likely left "as is" while adjoining areas were subdivided and residences built. Additionally, its location next to a Board of Water Supply water shaft and above an aquifer were probably influencing factors precluding development. The exception would be the land at the makai end of lot 015 which more than likely was grubbed and graded to create a flat surface for a park.

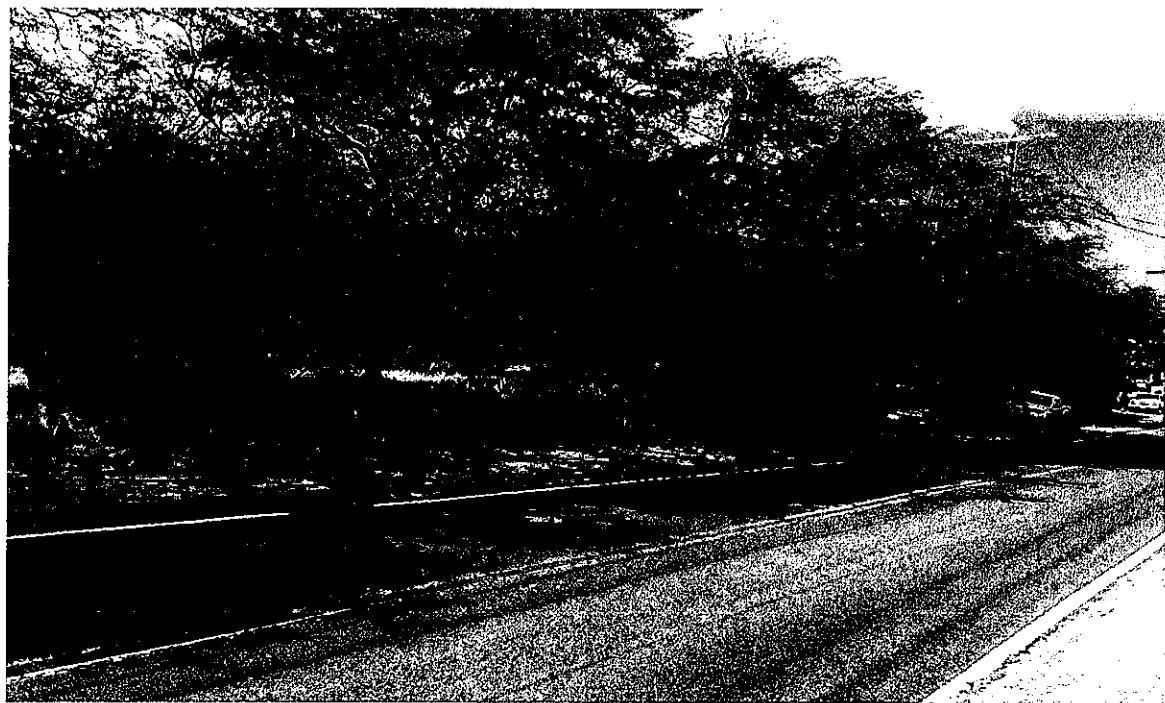
Three fairly distinct "topographical tiers" are evident on lot 015. The lower tier is a relatively large flat grass lawn improved for use as a passive park. Ground elevation ranges averages 164-feet.

The unimproved middle tier can be characterized as kiawe / koa haole / grass tangle about 240 feet wide between the flat park land below and the sloping terrain to the north. A 30 percent slope that rises 6 feet from the grass area separates the grass area from the remaining northern portion of the park. A concrete lined drainage swale aligned east-west crosses this middle tier. Ground elevation falls from a high of about 189 feet to 170 feet at the mini-park.

The upper tier is also undeveloped and the vegetation and stony surface is an extension of the middle tier. The terrain has an approximate slope of 8 percent south of the existing drainage ditch and an approximate slope of 12 percent north of the existing drainage ditch. Just prior to reaching



Photograph 1. *Mauka View from Mini-Park.*



Photograph 2. *South View Along 16th Avenue.*

Koko Drive the terrain rises at a 50 percent slope. Elevations in the northern portion of the park above the 0.7-acre grass area range from 170-feet to 230-feet

C. Soils

The Soil Conservation Service (1972) soil map for the area identifies two **soil types**---Rock Land (Symbol: rRK) and Kawaihapai Very Stony Clay Loam (Symbol: KlbC)---covering the properties. Rockland is made up of areas where exposed rock covers 25 to 90 percent of the surface. The rock outcrops and very shallow soils are the main characteristics. The rock outcrops are mainly basalt and andesite. The soil material associated with the rock outcrops is very sticky and very plastic. It also has high shrink-swell potential. Buildings on steep slopes are susceptible to sliding when the soil is saturated.

Kawaihapai clay loam is a well-drained soil that is stony in the subsurface. Runoff is medium and the erosion hazard is moderate. Workability is impractical unless the stones are removed.

D. Flood Hazard

The Flood Insurance Rate Map designates this area of Kaimuki as **Zone X** (See Figure 3) which is defined as "areas determined to be outside [the] 500-year flood plain (Federal Emergency Management Agency, 2000).

E. Surface Water

There are no **surface water** features such as wetlands, ponds, and streams on lot 015.

F. Ground Water

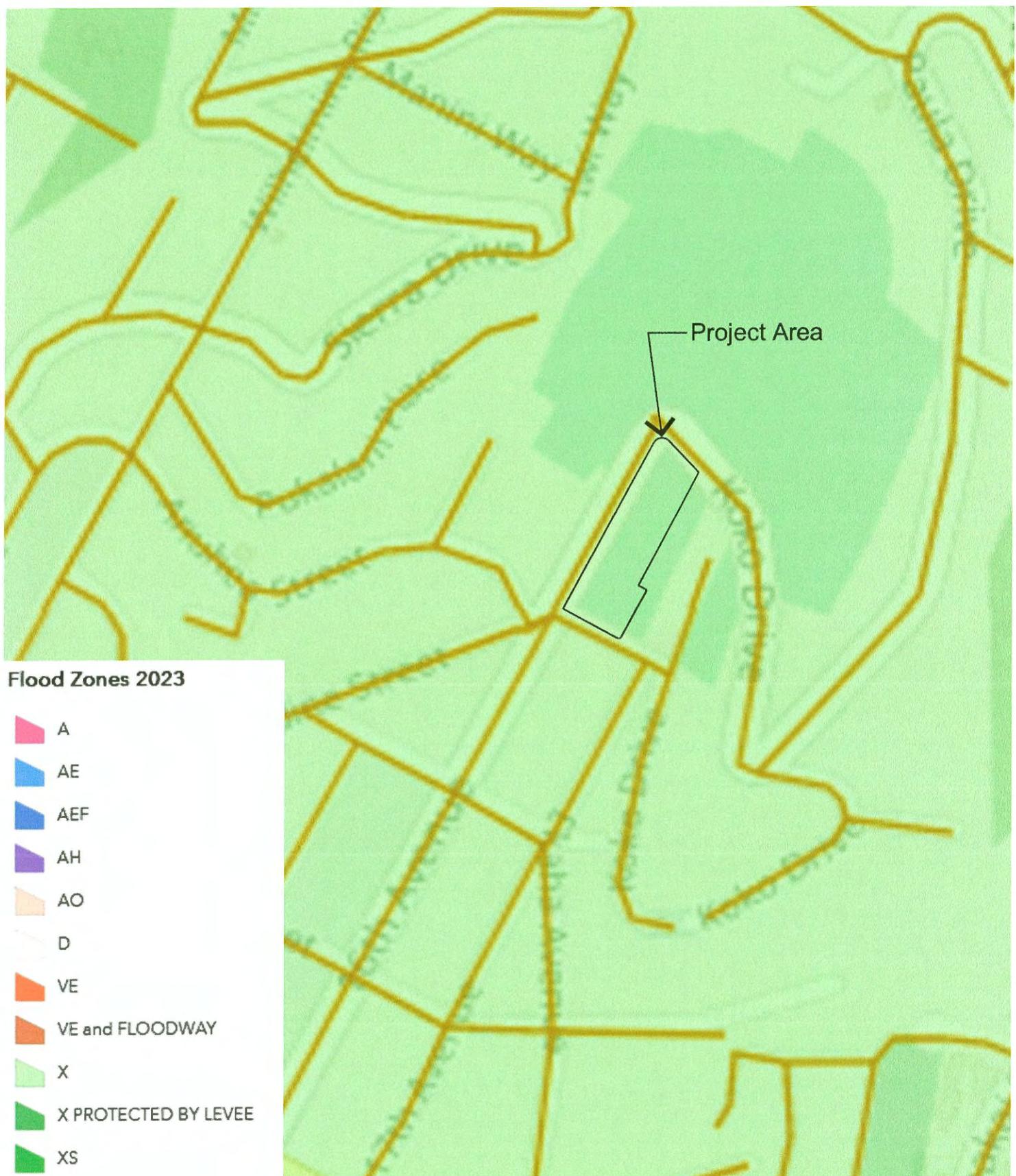
Mau'umae Nature Park (and the general geographic area between Wilhemina Rise to the east and Ainakoa to the west) overlies the Waialae West **aquifer** system. This is a basal water source in which a layer of rainwater is floating as a lens on a body of salt water.

The existing BWS Waialae Shaft Water Tunnel withdrew groundwater from this aquifer until it ceased operations in 1984. The BWS is now proposing to reactivate the well by drilling and installing a production well on its property (Waialae West Well). The BWS estimates the well can yield 0.160 mgd.

G. Flora

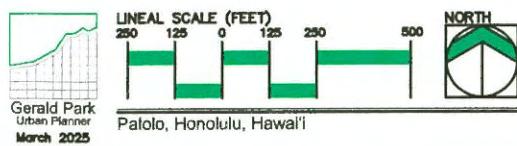
The lower portion of lot 015 has undergone substantial grading and as a mini-park. The 0.7 acre park is planted with Bermuda grass (*Cynodon dactylon*) and introduced **vegetation** including kou (*Cordia subcordata*), kukui (*Aleurites moluccana*), monkeypod (*Samanea saman*), and plumeria (*Plumeria obtuse*).

In areas above and surrounding the developed park area, the vegetation is almost entirely exotic and includes kiawe (*Prosopis pallida*), klu (*Acacia farnesiana*), haole koa (*Leucaena glauca*), monkeypod (*Samanea saman*), wiliwili (*Erythrina* sp.), partridge pea (*Chamaecrista nictitans*), plumeria (*Plumeria* spp.), white mulberry (*Morus alba*), red-flowered boerhavia (*Boerhavia coccinea*), bougainvillea (*Bougainvillea* spp.), pikake (*Jasminium sambac*), and Mexican creeper (*Antigonon leptopus*).



Source: City & County of Honolulu GIS Website

Figure 3
Flood Hazard Map
Kyudojo at
Mau'umae Nature Park



Polynesian introduced vegetation in the landscape includes kou, kukui, milo (*Thespesia populnea*), noni (*Morinda citrifolia*), glossy nightshade (*Solanum americanum*), niu, and ti (*Cordyline terminalis*). Within the project area only three indigenous plants were observed---ma'o (*Gossypium tomentosum*), ilima (*Sida fallax*), and 'uhaloa (*Waltheria indica*).

H. Fauna

Wildlife was not observed on lot 015. Owing to the presence of nearby residences, feral dog and cat probably frequent the site regularly. The mini park is used as a dog park as dogs are allowed if leashed. Feral chickens were observed browsing the outside of the park and their browsing is evidenced by dozens of shallow *puka* under the sole monkeypod tree. More than likely the tall grass on the north end of the mini park harbors mongoose and other rodents.

Several bird species were observed browsing the grass lawn and perched in trees. Unlike the 2003 EA which recorded species including red-vented bulbul, red-whiskered bulbul, Kentucky cardinal, zebra dove, spotted dove, sparrow, and common mynah, this EA only recorded spotted dove, sparrow, and common mynah.

I. Archaeological Resources

Early **historic maps** of the project area identified three house structures located at the western and southeastern aspect of the project area (Cultural Surveys Hawaii, 2002). During the course of field work however, no remnants associated with the historic house structures were observed. The general location of the historic house structures was observed to be overgrown with weeds and grass and appears to have been bulldozed.

The Honolulu Board of Water Supply's Wai'aleae Shaft Water Tunnel was the only significant archaeological site identified during the archaeological inventory survey. The shaft may qualify as a significant engineering shaft type of the Board of Water Supply and a good example of an architectural construction of the 20th Century. This feature is on a separate parcel owned by the Board of Water Supply.

J. Cultural Resources

As part of the archaeological inventory survey, Cultural Surveys Hawaii (2002) also prepared a cultural assessment. Excerpts from the assessment are presented below.

No other archaeological sites are known in the vicinity. The nearest identified site lies 1.4 kilometers away in Pālolo Valley (Kawachi 1989). It is thought that the absence of surface water in the vicinity, poor workability of the soil (Foote *et al.* 1972:119), and modest rainfall would have generally discouraged traditional Hawaiian **habitation and agriculture** in the vicinity.

In Pālolo, **burial sites** have primarily been identified in low overhang caves along ridge edges. No such 'caves' are within the project area. The project area has been altered by residential housing development, roadways, parks, and the Wai'aleae Shaft water tunnel. No burial sites were identified during the inventory survey and the potential for unidentified burials appears exceedingly low.

The project area is not adjacent to any bodies of water thus the area was not **fished**.

The project area has been urbanized for 80+ years and most of the plants present are exotic weeds and remnants of landscaping. Identified plant species present with any known **cultural use** (anywhere in Hawai'i) are listed in Table 1.

Table 1. Plant Species within the Project Area with Known Cultural Use

| HAWAIIAN NAME | SPECIES | COMMON NAME | USE |
|-------------------------------------|--------------------------------------|--|--|
| APOCYNACEAE (Dogbane Family) | <i>Plumeria obtusa</i> | plumeria, frangipani, <i>pua melia</i> | Exotic, one of the most common lei flowers |
| BORAGINACEAE (Heliotrope Family) | <i>Cordia subcordata</i> | <i>kou</i> | Polynesian introduction, wood favored for bowls & utensils, flowers for lei, seeds eaten, leaves to color fish lines |
| EUPHORBIACEAE (Spurge Family) | <i>Aleurites moluccana</i> | <i>kukui</i> , candlenut, indian walnut | Polynesian introduction, light, dye, medicine, condiment, lei, etc. |
| FABACEAE (Pea Family) | <i>Acacia farnesiana</i> | <i>klu</i> , <i>kolu</i> , aroma, popinac | Exotic, grown for fragrant flowers |
| FABACEAE (Pea Family) | <i>Leucaena leucocephala</i> | <i>koa haole</i> , <i>ekoa</i> , <i>haole koa</i> | Exotic, cattle feed |
| FABACEAE (Pea Family) | <i>Prosopis pallida</i> | <i>kiawe</i> | Exotic, cattle feed |
| MALVACEAE (Mallow Family) | <i>Sida fallax</i> | <i>'ilima</i> | Indigenous, used for lei |
| MALVACEAE (Mallow Family) | <i>Thespesia populnea</i> | <i>milo</i> | Indigenous, used for wood and fiber |
| MORACEAE (Mulberry Family) | <i>Morus alba</i> | white mulberry | Exotic, eaten as a fruit |
| OLEACEAE (Olive Family) | <i>Jasminum sambac</i> | <i>pikake</i> , Arabian jasmine | Exotic, grown for lei |
| RUBIACEAE (Coffee Family) | <i>Morinda citrifolia</i> | <i>noni</i> , Indian mulberry | Polynesian introduction, dye plant, used in hair as an insecticide, medicinal, famine food |
| SAPINDACEAE (Soapberry Family) | <i>Dodonea viscosa</i> | <i>'a'ali'i k_makani</i> , <i>'a'ali'i</i> , <i>'a'ali'i k_makua</i> | Indigenous, popular in lei making |
| SOLANACEAE (Tomato Family) | <i>Lycopersicon pimpinellifolium</i> | currant tomato | Exotic, edible |
| SOLANACEAE (Tomato Family) | <i>Solanum americanum</i> | glossy nightshade, <i>popolo</i> | Indigenous, used medicinally for the digestive tract and sore throats, pot herb? |
| STERCULIACEAE (Cacao Family) | <i>Waltheria indica</i> | <i>'uhaloa</i> , <i>hi'aloa</i> | Indigenous, used medicinally as a pain killer especially for sore throat |
| AGAVACEAE (Agave Family) | <i>Cordyline fruticosa</i> | <i>ti</i> , <i>ki'</i> (Syn: <i>Cordyline terminalis</i>) | thatch, food wrappers, hula skirts, food alcoholic beverage |

| | | | |
|----------------------------|------------------------|--|--|
| ALOECEAE (Aloe Family) | <i>Aloe vera</i> | <i>Panini-`awa`awa</i> , Star cactus | Exotic, used medicinally for burns and skin |
| ARECACEAE (Palm Family) | <i>Cocos nucifera</i> | <i>Niu, ololani</i> , coconut, <i>niu hiwa, niu lelo</i> | Polynesian introduction, used ceremonially, medicinally, for food, drink, oil wood, thatch, etc. |
| POACEAE (Grass Family) | <i>Panicum maximum</i> | Guinea grass | Exotic, cultivated as an important forage grass |

Source: Cultural Surveys Hawaii, 2002.

A few Polynesian introduced plants have been added to the existing park area at Koko Drive and Claudine Street as landscaping, including *kou*, *kukui*, *milo*, *niu* and *ti*. 'A`ali`i has been planted as a native ornamental near the *mauka* portion of the project area. The Polynesian introduced *noni* was observed as a volunteer. A couple of exotic species including *plumeria*, and *pikake* which may have traditional Hawaiian uses have also been used within the landscaping. Most of the wild species with any potential for gathering, including *klu*, *koa haole*, *kiawe*, white mulberry, currant tomato, *aloevera* and Guinea grass, may be characterized as exotic weedy species. The only indigenous plants present known to have been gathered are *'ilima*, *popolo* and *'uhaloa*. The plants with gathering potential were either planted as part of the landscaping or are absolutely ubiquitous in similar dry scrubby environments. No unique opportunities for gathering are believed to be present. No site-specific gathering was evident. No gathering practices are believed to exist within the project area.

While wild pigs are reported in "sparse" densities in the southeastern Ko`olau Mountains (van Ripper and van Ripper III 1982:25) they are typically understood to prefer wetter environments at higher elevations. No evidence of wild pigs was observed within the project area. No wild pigs or other animals traditionally **hunted** by Hawaiians are believed to be present and no hunting is allowed in Mau`umae Nature Park.

Background research (Thrum 1906/1908, McAllister 1932) indicated two *heiau* within Pālolo, Mauoki and Maumae. The studies also indicate that by 1932 no remains of either *heiau* were present. Mauoki Heiau is understood to have been close to the petroglyphs at Pālolo Stream, near the present day St. Louis High School and Chaminade University. Maumae (Mau`umae) Heiau has not been relocated, even by McAllister, and was probably destroyed prior to 1929/30. The accounts that are available (Thrum 1908, Sterling and Summers 1978, Fornander 1919) suggest that the *heiau* was on a ridge or hill with a view south to Maunalua. Neither of the above mentioned *heiau* are understood to have been in or near the present project area.

Mau`umae specifically refers to the ridge line descending from the eastern side of Pālolo Valley. The ridge meets Kaimuki Crater at Wai`alae Avenue, where there is a natural saddle. In John Papa `Īi's account of trails on O`ahu, he refers to a *mauka trail* from the Honolulu area that approximates present-day King Street, and Wai`alae Avenue meeting the 'other trails at the sand', near where Wai`alae Stream enters the ocean. Along the *mauka trail* Mau`umae is mentioned as 'above Kaimuki' where a pole later stood to serve as a mark for ships.' The trail referred to by `Īi would not have passed through the project area, rather it would have been close to present-day Wai`alae Avenue.

A trail to the Ko`olau Summit off of Sierra Drive is referred to as Mau`umae, or Lanipō Trail (Ball 2000:26). The trail gets its' Mau`umae name because it follows the crest of Mau`umae Ridge to the summit.

Public access and transit will not be affected by the present undertaking. Access to the Mau`umae Nature Park trail *mauka* of the present-day study (*i.e. mauka* of Koko Drive) will not be affected.

No storied places (wahi pana) are known within the project area other than the qualities adhering to Pālolo in general.

K. Land Use Controls

Land use controls for Mau`umae Nature Park are listed below.

| | |
|--------------------|---|
| State Land Use: | Urban |
| General Plan: | Primary Urban Center |
| Development Plan: | Primary Urban Center |
| Open Space Map: | Regional, District, and Beach Parks; Recreational Open Space |
| Land Use Map: | Major Parks and Open Space |
| Public Facilities: | No Symbol |
| Zoning: | P-2 General Preservation |

Zoning is the controlling tool for park development (See Figure 4). Park use is a permitted use under the general preservation designation. Development standards for the general preservation district applicable to Mau`umae Nature Park include a minimum lot size of 5 acres, building areas cannot exceed 5% of the lot area, structures should not exceed 25 feet in height, and required yards are front yard, 30 feet, and side and rear yards, 15 feet.

L. Public Facilities

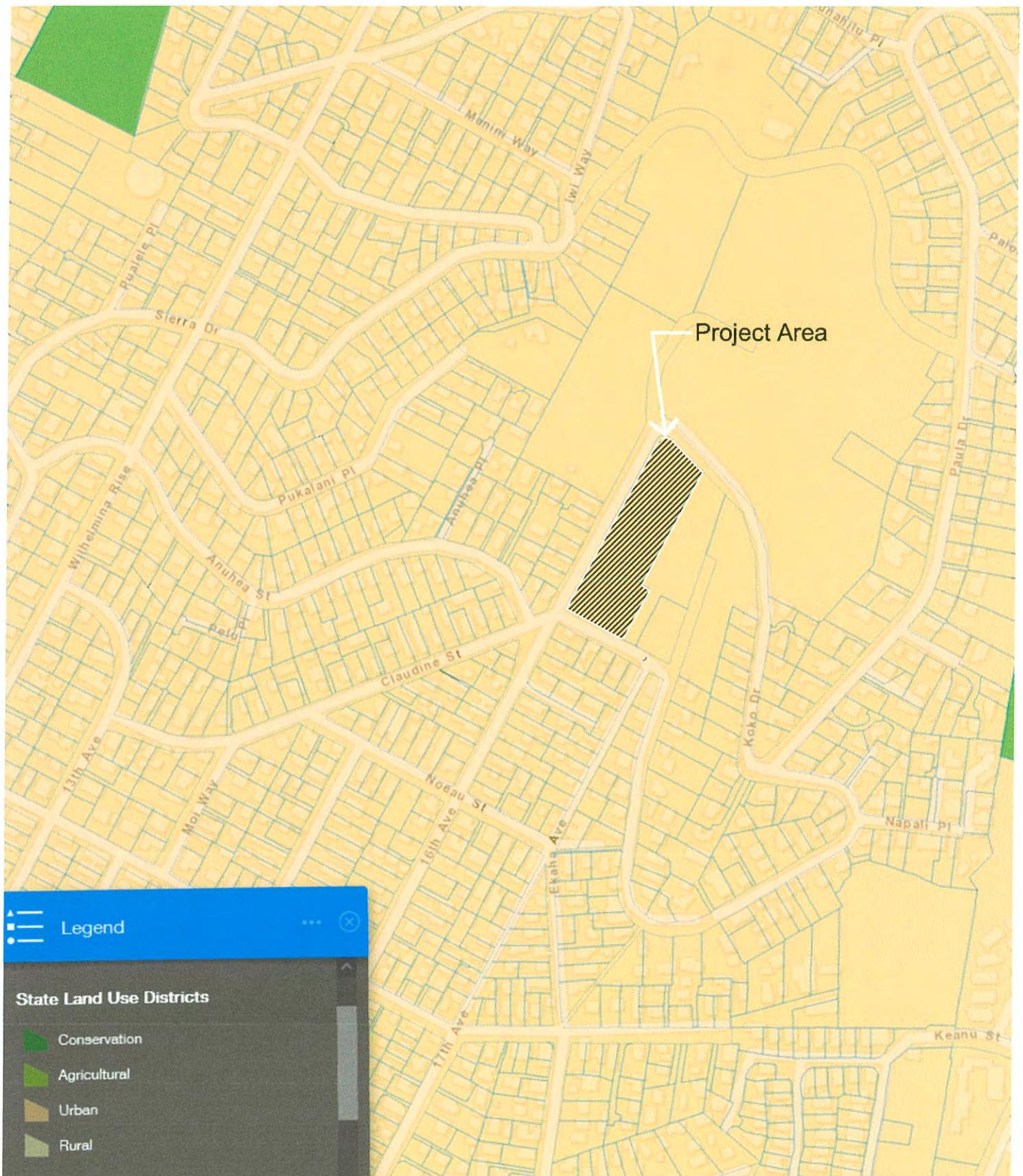
16th Avenue, a two-lane, two-way street within a 44-foot right-of-way, borders lot 015 on the west. The *mauka-makai* roadway is partially improved with curbs and sidewalks on both sides. On-street parking is not permitted on either side. Nonetheless, vehicles park off the street on park property. The posted speed limit is 25 miles per hour.

At the northern corner of the park, 16th Avenue makes a sharp turn and merges with Koko Drive. The road (Koko Drive) narrows to a 40-foot right-of-way along the northern perimeter of the park. Koko Drive loops around the park and eventually connects to Claudine Street.

Some residents commented that motorists exceed the 25 mph speed limit for 16th Avenue posing a safety issue for residents and pedestrians.

Claudine Street, also a city street, borders the mini park on the south. The two-way road lies within a 44-foot right-of-way with curbs and sidewalks on both sides. The road is fairly level but rises in grade beginning about mid-block fronting the driveway to the BWS water tunnel to Koko Drive. On-street parking is permitted on the makai side of the road.

Water is available from an existing 6" Board of Water Supply main in 16th Avenue and Koko Drive (mauka section) or an 8" main in Claudine Street.



Source: State of Hawaii Land Use District Boundaries Map - January 2018 <https://histategis.maps.arcgis.com>

Figure 4
State Land Use Map
Kyudojo at
Mau'umae Nature Park

A 10-inch **sewer** is located within 16th Avenue. The sewer begins near 1536 16th Avenue and flows south towards Waialae Avenue. There are no restroom facilities at Mau'umae Nature Park.

The passive park at the corner of Claudine Street and 16th Avenue consists of a large relatively flat grass lawn. **Runoff** generated in the lawn area surface drains toward Claudine Street and enters the city storm drainage system via drain inlets located in the street.

The northern or undeveloped portion of the park is bisected by an existing earth and rock drainage ditch. The drainage ditch begins approximately 120-feet north of the existing Board of Water Supply Waialae Shaft Water Tunnel and travels west across the Board of Water Supply parcel (TMK 3-3-14:16) and the park site until emptying into an existing 2.2-feet x 1.6-feet box drain that connects to an existing 36-inch diameter drain located in 16th Avenue.

The existing drainage ditch is adequately sized to accommodate a 10-year storm event that will generate a total of approximately 9 cfs of runoff. Approximately 7 cfs of runoff is generated offsite and approximately 2 cfs is generated onsite. Off-site drainage enters the site through curb cuts located along Koko Drive (near the existing lookout area). The remainder of runoff generated on-site sheet flows south over the property until entering the City storm drainage collection system via drain inlets located on Claudine Street.

The only drainage structure visible within the park is an existing headwall for the 2.2-feet x 1.6-feet box drain that crosses under 16th Avenue. The headwall and box drain were constructed in the 1940s along with other drainage improvements within Claudine Street. Drainage improvements within 16th Avenue were constructed in the late 1920s.

Electrical and telephone service in the neighborhood is provided by overhead lines within the Claudine Street and 16th Avenue rights-of-way. Currently there is no electrical or telephone service to the park.

SUMMARY OF POTENTIAL ENVIRONMENTAL IMPACTS AND MEASURES TO MITIGATE ADVERSE EFFECTS

The scope of the project was discussed with the consulting architect, members of the design team, and staff of the Department of Parks and Recreation. State and County agencies were contacted for information relative to their areas of expertise. An outreach program was initiated to elicit questions and concerns from adjoining property owners. Time was spent in the field noting site conditions and conditions in the vicinity of the park. The sum total of consultations and field investigations helped to identify existing conditions and features that could affect or be affected by the project. These conditions include:

- There are no rare, threatened, or endangered flora or fauna on the property;
- Three indigenous Native Hawaiian plant species grow on lot 015;
- There are no historical features on the property;
- There is no historical documentation of the property being used for cultural practices;
- The park is not located in a flood hazard area;
- Recreational facilities, comfort facilities, and on-site parking are not available;
- Existing water, wastewater, and utility systems are adequate to serve the proposed improvements.

Information on existing conditions at the park and lot 015 also was drawn from the Final Environmental Assessment Mau'umae Nature Park Master Plan prepared in March 2003 (Park and Yee).

A. Short-term Impacts

Site work will probably be the most disruptive construction activity on the environment. Grubbing, grading, trenching, and stockpiling activities are prerequisites for leveling the lot and building the temporary and permanent improvements to follow.

Site work is a persistent source of **fugitive dust**. Site contractors are aware that dust is a nuisance to both workers and people living near work sites and it is imperative for them to maintain stringent dust controls. Water sprinkling is probably the most effective dust control measure given the lot area and scale of the proposed improvements. The Contractor, however, may choose to implement other measures based on their experience with projects of similar scale and job sites.

The Contractor will be responsible for general **housekeeping** of the site and for keeping adjacent streets and properties free of dirt, mud, and construction litter and debris. Pollution control measures shall comply with Chapter 60.1, Air Pollution Control regulations of the State Department of Health.

Construction noise, like fugitive dust, cannot be avoided. Occupied residential properties are located across the project site on 16th Avenue and Claudine Street. Construction noise will be audible at these locations and exposure is expected to vary in volume, frequency, and duration. Noise also will vary by construction phase, the duration of each phase, and the type of equipment used during the different phases. For this project, noise will be most pronounced during site work and diminish as the structures are erected. The completed structures should confine interior construction noise to the inside of the structures.

Community Noise Control regulations establish a maximum permissible sound level for construction activities occurring within various zoning districts. Land zoned residential and public space (interpreted to be a public park) is placed in the Class A zoning district and the maximum permissible sound level is 55 dBA between the hours of 7:00 am and 10:00 pm (Chapter 46, Community Noise Control, 1996). Construction activities often produce noise in excess of the permissible daytime noise level and a noise permit will be needed. The Contractor will be responsible for obtaining the permit and complying with conditions attached to the permit. Work will be scheduled for normal working hours (7:00 AM to 3:30 PM) Monday through Friday. Nightwork is not planned.

Site work will expose soil thus creating opportunities for **runoff and erosion**. All earthwork will be done in accordance with erosion control regulations of the City and County of Honolulu and approved grading plans. Best Management Practices (BMPs) for erosion and drainage control during construction will be prepared for review and approval by the Department of Planning and Permitting. Erecting dust barriers or silt fences around work sites is a common construction technique and other measures may be employed as needed.

The Project will comply with construction and post-construction BMP requirements pursuant to the City and County of Honolulu "Rules Relating to Water Quality".

Construction work will not exceed one (1) acre thus a NPDES General Permit Authorizing Discharge of Storm Water Associated with Construction Activity will not be required from the State Department of Health. A Notice of Intent to discharge hydrotesting water for the water system will be submitted to the State Department of Health for review and approval prior to the discharge.

No **archaeological features** are known to exist on the project site. Should subsurface archaeological or cultural features or burials be unearthed, work in the immediate area will cease and the State Historic Preservation Division notified immediately for proper disposition of the finds.

Grubbing the site will remove most if not all on-site vegetation. The identified species are all common to the State of Hawai'i. None of the plants are considered or are candidates for rare, threatened, or endangered status.

On and off-site construction will affect traffic flow on 16th Avenue. Connecting a sewer lateral and waterline, and constructing a sidewalk in or near the road right-of-way will require closing one lane of traffic. The contractor will implement measures to minimize inconvenience to motorists, buses, and pedestrians during construction. These measures will include but are not limited to:

- Posting notice of impending road work;
- Keeping one traffic lane open at all times when working in the roadway;
- Posting warning signs on both ends of the work area to alert motorists of road work and to slow traffic speed;
- Positioning traffic cones and / or other directional devices in the roadway to guide vehicles around work areas;
- Posting off-duty police officers for traffic control;
- Limiting construction to between 7:30 AM and 3:00 PM, Monday through Friday;
- Covering trenches with steel plates at the end of the work day;
- Posting lighted safety devices during night hours.

Road sections affected by construction will be restored to pre-construction conditions or better. Damages or deficiencies along the sidewalks and/or roadways on 16th Avenue will be repaired to city standards, accepted by the city, and at no cost to the City and County of Honolulu.

Construction vehicles hauling men and material will contribute to **traffic** on 16th Avenue and Waialae Avenue three blocks to the south. Material deliveries will be scheduled during non-peak traffic hours to minimize impacts on local traffic. Flagmen will be posted for traffic control during loading and off-loading activities.

B. Long-term Outcomes

1. Environmental

- The proposed improvements will not displace active recreation activities now occurring on the premises.
- Surface runoff is anticipated to increase because of the impervious surface associated with the two buildings, the parking lot, and the decrease of on-site vegetation.
- Kyudo is a silent martial art which emphasizes form, discipline, and posture. Sound may be audible when the archery range is in use. The spatial separation from residences on 16th Avenue will help in sound attenuation.
- Remove overgrown vegetation from a section of undeveloped land.
- Landscaping the front yard setback from 16th Avenue should improve the street frontage, public views from the street, and properties along the street. Small trees and screening shrubs / hedges will provide visual relief to existing conditions and “buffer” perimeter walls from view.
- Existing tree cover should restrict views of the structure from areas to the north, south, and east.
- Historic features and traditional cultural practices should not be affected. Said features and practices have not been identified in the project area and none are believed to be on-going that are in any way site specific.
- A future nature trail within the 16th Avenue street setback will connect the mini-park with the upper hillside of lot 015.
- Public uses would add vehicle traffic to the neighborhood and this impact cannot be avoided. Neighborhood traffic would be affected by the number of participants in an activity, the type of activity, and frequency of the activity. The availability of off-street parking (19 stalls) also can affect traffic or trip generation. Nineteen vehicle trips per hour or two hours are not a major traffic generator. Traffic impacts also can be mitigated by scheduling public uses during non-peak traffic hours, spacing times of use, and limiting the number of uses during mornings and afternoons, and one during evening hours.
- Off-street parking in the 16th Avenue setback will not be allowed.
- HKF will fund the planning, design, and construction of the *kyudojo* at no cost to the city. After completion it will be turned over to the City and County of Honolulu as a public recreation facility.
- HKF will manage and maintain the facility at no cost to the city.

2. Safety

- Safety measures disclosed in Section 1 of this assessment should avert wayward arrows from injuring people and damaging property outside the *kyudojo*.

3. Public Outcomes

- Promote archery as a safe recreational activity and *kyudo* as an alternate to western-style archery.
- Provide a facility that can host a broad range of community and cultural activities such as tai chi, yoga, hula, and associated quiet indoor activities. Neighborhood and small group meetings and functions also can be accommodated and should be encouraged.
- The project may be a precursor towards “greening” the entire lot and upgrading its recreational value. New facilities and landscaping would enhance passive recreation at the mini-park and removing invasive vegetation from the upper hillside would add to its visual appeal and help mitigate a wildfire hazard.
- An unimpeded trail from the mini-park to the upper hillside could encourage people to hike and explore the vegetation and rugged landform.
- Facilitate public-private partnerships in developing shared municipal recreation facilities or other shared municipal facilities in O’ahu neighborhoods and communities.
- Add cultural diversity to Honolulu’s parks.

A. No Action

A no action alternative would maintain the status quo of the park site thus precluding the occurrence of all environmental impacts, short and long-term and beneficial and adverse disclosed in this Assessment. Human and financial resources committed to plan, design, fund, and build would be foregone and the stated objectives of the project unachieved.

Permits required for the project and responsible authorities are identified below. Additional permits and approvals may be required depending on final construction plans.

City and County of Honolulu

Honolulu City Council
Acceptance of the Facility

Board of Water Supply
Building Permit Application

Department of Planning and Permitting
Grubbing, Grading, and Stockpiling Permit
Building Permit for Building, Electrical, and Plumbing, Sidewalk/Driveway and
Demolition Work
Permit to Excavate Public Right-of-Way
Sewer Connection
Certificate of Occupancy

State of Hawai'i

Department of Health
Variance from Pollution Controls
Disability and Communications Access Board Approval
Discharge of Hydrotesting Water

Department of Land and Natural Resources
State Historic Preservation Division HRS Chapter 6E Review

A. Pre-Assessment Consultation

Notice of the project was mailed to approximately 60 property owners notifying them of the proposed project and seeking their input for preparation of an environmental assessment. Property owners within 300 feet of Lot 015 at Mau'umae Nature Park are listed in Exhibit A.

The project was presented to the Kaimuki Neighborhood Board on four occasions. The Neighborhood Board passed a resolution supporting the project at its October 15, 2025 meeting. The resolution is attached as Exhibit B.

B. Environmental Assessment

Agencies and organizations to be consulted in the preparation of the environmental assessment are listed below.

City and County of Honolulu

Board of Water Supply
Department of Environmental Services
Department of Planning and Permitting
Department of Transportation Services
Police Department
Fire Department

State of Hawaii

Department of Health
Department of Land and Natural Resources
Historic Preservation Division

Others

Hawaiian Electric Company, Inc.
Kaimuki Neighborhood Board No.4
Envision Kaimuki
Kaimuki Public Library (Placement)

Hawai'i Administrative Rules, Title 11, Department of Health, Chapter 200.1 (Environmental Impact Statement Rules) establishes criteria for determining whether an action may have significant effects on the environment (§11-200.1-13). The relationship of the proposed project to these criteria is discussed below.

- 1) Irrevocably commit a natural, cultural, or historic resource;

Cultural and historic resources have not been identified on the project site. No impact is anticipated.

- 2) Curtail the range of beneficial uses of the environment;

The project will not curtail the beneficial uses of the environment. The project will improve and expand public recreational uses of the environment.

- 3) Conflict with the State's environmental policies or long-term environmental goals established by law;

The project does not conflict with long-term environmental policies, goals, and guidelines of the State of Hawai'i.

- 4) Have a substantial adverse effect on the economic welfare, social welfare, or cultural practices of the community and State;

The project will not substantially affect the economic and social welfare or cultural practices of the community or State.

- 5) Have a substantial adverse effect on public health;

Public health will not be adversely affected during construction. Short-term environmental impacts in the form of fugitive dust, noise from construction equipment, and minor erosion can be expected. These impacts can and will be mitigated by measures described in this Assessment and measures, such as Best Management Practices for erosion control, to be submitted with construction plans and documents.

- 6) Involve adverse secondary impacts, such as population changes or effects on public facilities;

Adverse secondary impacts such as population changes and effects on public facilities are not anticipated.

- 7) Involve a substantial degradation of environmental quality;

A substantial degradation of environmental quality is not anticipated. The proposed improvements are anticipated to increase public use and improve the physical condition of the site.

8) Be individually limited but cumulatively have substantial adverse effect upon the environment or involves a commitment for larger actions;

The proposed project will not result in significant adverse short and long-term environmental impacts or involve a commitment for a larger action associated with kyodo.

9) Have a substantial adverse effect on a rare, threatened or endangered species, or its habitat;

Rare, threatened or endangered species or habitats are not found on the premises.

10) Have a substantial adverse effect on air or water quality or ambient noise levels;

Ambient air quality will be temporarily affected by fugitive dust and combustion emissions during construction but can be controlled by measures stipulated in this Assessment. Construction noise may be pronounced during site preparation work but should diminish as improvements are completed. All construction activities will comply with air quality and noise pollution regulations of the State Department of Health.

Kyudo is a silent sport and quiet is essential to its discipline. The spatial separation between the kyudojo and residences on 16th Avenue will aid in sound attenuation.

11) Have a substantial adverse effect on or be likely to suffer damage by being located in an environmentally sensitive area such as a flood plain, tsunami zone, sea level rise exposure area, beach, erosion-prone area, geologically hazardous land, estuary, fresh water, or coastal waters;

The proposed project is not located in an environmentally sensitive area.

12) Have a substantial adverse effect on scenic vistas and view planes, day or night, identified in county or state plans or studies, or,

The proposed improvements will not affect scenic vistas or view planes identified in county plans.

13) Require substantial energy consumption or emit substantial greenhouse gases.

Substantial energy consumption is not anticipated.

REFERENCES

Cultural Surveys Hawaii. 2002. *Archaeological Inventory Survey and Cultural Assessment of a 3.97-Acre Portion of the Proposed Mau'umae Nature Park, Wilhemina Rise, Mau'umae Ili, Palolo Ahupua'a, Kona District, Oahu.*

Department of Land Utilization, City and County of Honolulu. September 2025. *Land Use Ordinance* (As Amended through Ordinance No. 25-40).

Department of Parks and Recreation, City and County of Honolulu. 1997. *Index of Oah'u Parks and Facilities.*

Department of Planning and Permitting, City and County of Honolulu. June 2004. *Primary Urban Center Development Plan.*

Federal Emergency Management Agency. 2000. *Flood Insurance Rate Map, City and County of Honolulu.* Community Panel No. 15003 C0370E.

Park, Gerald Urban Planner and Dana Anne Yee Landscape Architect. March 2003. *Final Environmental Assessment Mau'umae Nature Park Master Plan.* Prepared for Department of Design and Construction, City and County of Honolulu.

Park, Gerald. July 2025. *Field Observation.*

Urban Works. 2025. *Honolulu Kyudojo New Archery Dojo Project.*

U.S. Department of Agriculture, Soil Conservation Service. 1972. *Soil Survey of Islands of Kauai, Oahu, Maui, Molokai, and Lanai.* In Cooperation with The University of Hawaii Agricultural Experiment Station. U.S. Government Printing Office, Washington D.C.

EXHIBIT A

Property Owners Consulted in Preparing the Environmental Assessment and Response to Comments

Property owners within 300 feet of Mau'umae Nature Park were notified about the project and preparation of an environmental assessment. The property owners are listed below. Consultation or outreach was by U.S. mail. Names and addresses were obtained from the City and County of Honolulu, Department of Budget and Fiscal Services, Real Property Assessment Information, Property Records Search.

Owners and others who offered comments are shown in bold italic type.

16th Avenue

Herbert Ujimori
Ho Family Trust
Doreana Fan and Kelly Wang
Craig and Karen Tsukiyama TR
Lucas and Mari Shield
Sam and Monica Kim
Richard and Rebecca Ho
Chong Family
Gima Family
Keith and Kathy Sakai-Watanabe
Yim Foon and Eric Wong TR
Gima and Iseri Family
Micah and Tiana Smith TR
Warren and Keiko Naito
Jon and Irene Yoshida
Joseph and Sally Malterre
Howard Decova TR
Steven and Devon Peterson
Neil Y. Shibuya TR
Van and Michelle Velasco
Dole Family
Edward Fujinaka TR
Brook Gonsowski TR
On Kyoung Yoo

Koko Drive

Shizue Kojo TR
Neil and Babette Fergusson
Kim and Adele Duffett
Heidi Hansen
Spencer and Amy Lee
Wayne Parsons TR

Claudine Street

Woo Family
Norine Toriki
He Family
Costa Family

Doi Family Trust
Chong Suk Lee TR
James and Kunigundet Koga
Georgietta Chock TR
3860 Claudine Street LLC
Lena Omura
David and Virginia Martinez
Ruth Miyashiro TR
Kinoshita Family Trust
David and Helen On
Joannie Hsieh TR
Amy Okazaki TR

Anuhea Street

Wong Family
Kenneth Idemoto
Paul & Sandy Hoshino TR
Scott and Deena Sato
Sueko Saito
Timothy and Cheryl Vernon
Norman & Janice Kanehira TR
Lynne Harrison TR
Neuman Kwong & Leimomi Fukuda
Harry and Ethel Wong
Cathy and Ha Son Nguyen

Ekaha Avenue

Frederick Crowell

Others

Board of Water Supply
Hawaiian Electric Company
Megan Tang
Robert Deboo
Collette Okubo

Gerald Park

From: Robert Dewitz <bobdewitz@outlook.com>
Sent: Friday, October 24, 2025 9:44 PM
To: Steve Tomei; John Ida; Tara Bassi
Cc: Gerald Park
Subject: Neighbor Feedback on Environmental Assessment Mailer - Kyudojo site
Attachments: Topographic Site Plan as of October 10 - Possible S Curve Entryway.pdf

Steve, John, Tara - first feedback as a result of neighborhood mailer is below. I actually talked to this woman a couple of times over the past few months and she is very supportive, so I would like to accommodate her concern as it is valid and I think not too hard to address per my comment below and attached. Please evaluate and LMK ASAP. I promised her feedback next week.

Mahalo, bob Dewitz

-----Original Message-----

From: Michele Hope Velasco <mhvelasco9@yahoo.com>
Sent: Friday, October 24, 2025 8:55 PM
To: bobdewitz@outlook.com
Subject: Mau'Umae Nature Park, Japanese Archery Facility

Aloha Bob,

Thank you for sending out your letter and photographs to the neighbors next to Mai-Mae Nature Park where the Kyoto will be built. I think most of us in the area think this will be a nice addition to our neighborhood.

My question to you is where exactly will the parking lot be? My home is directly across the street from where the facility will be built, and I am hoping that the parking lot will not be a visible eyesore. I looked at the pictures that accompanied the letter and there was no indication of where the 19 stall parking lot will be located. The parking lot placement is the main concern of the people that live in the homes directly across the street.

Thank you.

Aloha,

Michele Velasco

Sent from my iPad

Gerald Park

From: Georgietta Chock <gkchock1@gmail.com>
Sent: Saturday, October 25, 2025 10:29 AM
To: gpark@gpup.biz
Subject: Letter received regarding Proposed facility at Mau'umae Nature Park

Aloha Mr. Park, I live on Claudine Street and I am able to see the park from my home and noticed activity going on this past week in the park then I heard that it was announced on the news that the residents were informed of this project. We have never been approached regarding the proposed project for an Archery Facility and needless to say, most of the residents are quite upset about this project.

Mau'umae Nature Park has always been a "Nature Park" for years and has been enjoyed by its surrounding residents for years. Can you tell me how constructing a Japanese Archery Facility in the park that is used only 3 days a week will benefit its surrounding residents? It would be better used if the facility were developed to include and preserve the various cultures in Hawaii - not just the Japanese culture. Dog training classes are conducted by one of our residents from April to September every Tuesday and are attended by 30 or 40 individuals that come from various neighborhoods and we would like to ensure that this is allowed to continue.

16th Avenue is already heavily travelled with residents coming down and going up Paula Drive and this will only add more unwanted traffic to the area.

I previously submitted a letter to our Mayor asking that the park be better maintained and plants be added along with picnic tables, etc., but nothing has ever been heard back which is par for our Mayor's office. Most of the neighbors that I have spoken to are extremely

upset with this development and feel insulted as the City has approved this project before notifying its residents.

Georgietta K. (Parker) Chock, 3853 Claudine Street
808 735-5700

Gerald Park

From: Keith Watanabe <ampeep@yahoo.com>
Sent: Thursday, October 30, 2025 10:55 AM
To: gpark@gpup.biz
Subject: Mau'umae Nature Park Archery Facility

Mr. Park,

We appreciate the opportunity to provide comments on the proposal.

1. Good to see that the existing park will not be affected. Thought the facility would take up the existing open space when I saw it on TV.
2. Note that arrow barrier fencing to be erected on the north and south sides. Shouldn't there be a barrier above the matoba just in case? There's a Board of Water Supply facility to the east of the facility.
3. Good that parking access will be via 16th ave.
4. What time of day would the facility be in operation? Early morning & evening has increased traffic on 16th Ave. Doesn't seem as though noise would be a concern.
5. Homeless people have been seen occasionally in this area where this facility (+ lots of chickens). What steps would the City and County of Honolulu take to ensure that they don't move elsewhere in the immediate area?

Keith Watanabe

Sent from my iPad

Gerald Park

From: Robert Dewitz <bobdewitz@outlook.com>
Sent: Thursday, November 13, 2025 8:55 AM
To: Onkyoung Yoo; gpark@gpup.biz
Subject: Concerns Regarding Proposed Development at Mau'umae Park

Dear On Kyuong Yoo:

Thank you very much for taking the time to share your thoughts about the proposed improvements to Mau'umae Park. Hearing directly from longtime residents like yourself — who know the neighborhood so well — is invaluable as we work to make sure this project truly benefits the community. Your comments will be included in the formal Environmental Assessment that will be submitted to City and State regulators for review.

I live about two miles from the park and have run past it for more than 25 years. Every time, I've been reminded what a hidden gem it could be — and how underused it currently is. The upper area, as you know, is overgrown with invasive brush and tall grass, which not only limits access but also poses a wildfire hazard that many residents have mentioned. Our hope is to help turn that neglected section into a safe, vibrant green space that everyone can enjoy.

If I may, I'd like to respond to your specific concerns:

Interest and Demand for a Kyudo Dojo:

The City currently operates three Western-style archery ranges — all of which are heavily used. This shows that there's strong, ongoing interest in archery as a recreational activity. For Japanese archery (Kyudo) specifically, the City maintained a Kyudo range at Kapi'olani Park for decades before it was closed in 2012 due to conflicts with nearby tennis courts. Since then, there has been no replacement facility, even though the interest has remained. Since the Mau'umae project was announced, nearly 50 people — including past practitioners and new learners — have already asked to be placed on the waiting list to use the new dojo once it opens. This is in addition to current practitioners. Because the facility will be built and operated entirely at no cost to the City, it provides a way to meet this long-standing public need without any burden to taxpayers.

Concerns About the Building:

We understand the desire to keep the park feeling open and natural. Kyudo, however, must be practiced on a smooth wooden floor while wearing traditional cloth socks (tabi), which means it cannot be safely or authentically practiced outdoors. The planned building will be a single-story, unobtrusive structure, well-screened by landscaping and taking up less than 25% of the total project area. Importantly, the building will not only serve Kyudo practitioners — it can also be used for tai chi, yoga, community meetings, and other quiet recreational activities that many residents have already expressed interest in. We hope it can become a versatile space for the whole community.

Open Space and Park Restoration:

We share your vision for a greener, more inviting park. We're working closely with EnVision Kaimuki, a local volunteer group focused on removing invasive plants and restoring native vegetation. Our project will provide the essential infrastructure — including an irrigation system, restroom, and tool storage —

that will make their reforestation work sustainable. We also plan to plant a band of native trees along 16th Avenue to serve as a visual buffer and create a connector for a new nature trail linking the grassy area below to the upper hillside. This partnership and shared vision are what we believe can finally transform Mau'umae into a park the community can fully enjoy and take pride in. The Kyudo community has already begun volunteering to clean and improve the park, and we've helped advocate for small but meaningful upgrades — such as the replacement of broken benches, repair of the sprinkler system, and upcoming feral chicken control. We intend to continue being good neighbors and long-term stewards of this space.

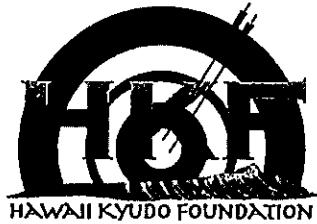
Traffic and Safety:

We share your concern about traffic on 16th Avenue. The dojo will be used mostly during off-peak hours, and our preliminary review with the Department of Transportation Services found no significant impact based on the facility's limited and scheduled use. We'll continue working with the City to ensure that safety remains a top priority.

Once again, thank you for reaching out and for caring so deeply about the future of Mau'umae Park. Your input helps shape this effort into something that reflects our community's shared values — preserving open space, improving safety, and creating opportunities for quiet recreation.

With Aloha, Bob

Bob Dewitz
Director, Secretary
Hawaii Kyudo Foundation
Cell: 808-371-0216



From: Onkyoung Yoo <onkyoung@gmail.com>
Sent: Tuesday, November 11, 2025 8:26 PM
To: gpark@gpup.biz; bobdewitz@outlook.com
Subject: Concerns Regarding Proposed Development at Mau'umae Park

Dear Gerald,

I recently received a letter regarding the new development project at Mau'umae Park, and I appreciate you sharing this information in advance.

As a homeowner who has lived directly across from the park for the past 18 years, I have several concerns based on my experience in this neighborhood.

First, this area is entirely residential, and it does not seem appropriate for a commercial-type building to be constructed here. Second, the street in front of the park is already quite busy with traffic. There is no traffic light, and many drivers exceed the 25 mph speed limit, which makes it unsafe for pedestrians and residents. I am concerned that this new project would further increase traffic and reduce safety in our community.

While I understand the need for additional parking within the park and would support that improvement, I strongly oppose the construction of a building. After the park is cleaned and maintained, I believe residents could better enjoy the open space — for example, by creating an archery area with proper fencing.

Before approving this project, I believe the City should first research how many people are truly interested in Japanese archery and whether there is sufficient demand to justify this development.

I hope my opinion will be taken into consideration as part of the city's review process.

Sincerely,
On Kyoung Yoo

1522 16th Ave, Honolulu Hi 96816
808-358-2003

Gerald Park

From: Robert Dewitz <bobdewitz@outlook.com>
Sent: Wednesday, November 26, 2025 10:25 AM
To: rmdbjr@gmail.com
Cc: gpark@gpup.biz; tommy.waters@honolulu.gov; senihara@capitol.hawaii.gov; news@civilbeat.org; senchang@caitoutil.hawaii.gov; repgrandinetti@capitol.hawaii.gov; repsayama@capitol.hawaii.gov; Amano-Mitsui, Dori; Serota, Nathan P; Sugg, Andy; Adam Doo
Subject: Reply to Ms. Collette Okubo RE Mau'umae Nature Park

Dear Ms. Okuba:

Thank you very much for taking the time to share your concerns about the proposed improvements at Mau'umae Nature Park. Community voices are essential to ensuring the park remains a place that reflects the needs and values of those who use it most, and your input will certainly be included in the project's environmental review.

We understand and regret that not everyone received information as early as we hoped. We first introduced the concept at the Kaimukī Neighborhood Board in January and have provided updates at most of the board meetings since, including last week. In addition, neighbors whose properties border the park were contacted in person this past February, and as part of the State-required Environmental Assessment, a mailed notice was sent on October 21 to approximately 60 nearby residents and stakeholders. Even so, it's clear that we can always do better at keeping the entire community informed, and we are committed to improving that communication going forward.

Regarding the nature of the project: the footprint of the new facility is about 1% of the overall park area. The Hawaii Kyudo Foundation (HKF) does not receive ownership or lease right of any park land. All property — land and improvements — will remain under the full ownership and control of the City and County of Honolulu Department of Parks & Recreation (DPR). HKF is funding construction privately and will continue to cover the cost of maintaining the facility, relieving taxpayers of those costs. Because the City retains ownership, there is no added tax or insurance burden.

You raised an excellent question about how the facility will serve the wider public. The facility will be a fully public resource, available for a broad range of community, cultural, and health-oriented uses — far beyond just archery. The facility could host activities such as tai chi, yoga, hula, reading programs, health workshops, and more. Reservations will be made through DPR website just like any other park facility, and City-standard fees would apply. There is no office or private space — the entire facility is designed for shared community benefit. We have already had a hula halau, yoga group, kendo group, and a lua (Hawaiian marital arts) group inquire about using the space. ***In short, the ways in which the facility can serve the community are limited only by the vision of potential users.***

The Japanese cultural influence in Hawaii cannot be overstated and kyudo is an important part of that culture. Prior to WW II there were about a dozen kyudo clubs in Honolulu. War-time hysteria led to the confiscation of bows and arrows as "weapons", and many of the kyudo sensei, being community leaders, were sent to internment camps. Kyudo never recovered from this blow, and only one active club survives today. The City currently has 3 facilities for western archery – but none for kyudo. By

providing this facility and classes, it is our vision to see this cultural treasure restored to its former vigor. As more practitioners come aboard, we will have more capacity to teach more new students. Sensei from Japan have already committed to coming to Hawaii to do advanced seminars.

Finally, with respect to EnVision Kaimukī: HKF and EK are working closely together because we share the same goal — protecting and revitalizing the native landscape. Key elements of the design, including irrigation capacity, storage, and restroom access, are intended to support EK volunteers in removing invasive species, improving fire resilience, and restoring native habitat. We are grateful for their work and will continue supporting their mission.

We truly believe this project will help make Mau'umae Park safer, healthier, and more welcoming for everyone — hikers, neighbors, cultural practitioners, and families alike. We look forward to continuing the conversation, and we sincerely hope that when the improvements are complete, you will feel that they have strengthened the special character of the park and the surrounding community.

Thank you again for sharing your feedback, and please feel free to reach out with any additional thoughts or questions.

With Aloha,
Bob
Bob Dewitz
Director, Secretary
Hawaii Kyudo Foundation
Cell: 808-371-0216



From: Collette Okubo <rmdbjr@gmail.com>
Sent: Tuesday, November 25, 2025 7:53 PM
To: gpark@gpup.biz; tommy.waters@honolulu.gov; senihara@capitol.hawaii.gov; news@civilbeat.org; senchang@caiotutil.hawaii.gov; repgrandinetti@capitol.hawaii.gov; repsayama@capitol.hawaii.gov
Subject: Mau'umae Nature Park

To all involved parties:

I realize that I am late in sending this letter, but I just want my OBJECTION noted to the Hawaii Kyodojo Foundation's takeover of our neighborhood nature park. I am currently off island.

Firstly, there was no outreach to the neighborhood. From what I understand, they only approached the twelve houses that abutted the park. No fliers or information was sent to anyone outside of that immediate area, as though no one else uses or is impacted by this project. In speaking with other engaged neighbors their impression was that it was a "done deal", and they expressed deep disappointment. Other community members in the near vicinity only heard about this on the news, and felt blindsided. According to Mr. Dewitz, and the foundation's website, a survey mailer was to have been sent.. We have not received one to date

Secondly, the City is granting them the land in a nature preserve. This grant of the land would have been the equivalent of 5 standard lots which are about \$1M each in Kaimuki. Moreover, the taxpayers will have to pay for the electricity, water and sewer (?estimated \$20K/year).

Thirdly - questions. Who is paying for the taxes and insurance on the land which is in a fire prone area? Do they have to pay a fee for each of the 3-4 times a week for 3-4 hours to use the facility. Is there going to be an office located there? If this is cultural center, would it be open to other cultural events? What is the application process and who approves it?. Are they going to ask users to pay a fee?

Their website says that they are giving classes, but, from what I understand, it may be once or twice a year. This greatly limits public access. How does this serve the public? They have parking for 19 cars in their fenced off footprint, but the structure only can support 12-14 people at one time. Why so many stalls?

How can it be assured that Envision Kaimuki will be available to maintain the hiking in perpetuity? Will they be subsidized? If they fail to maintain the nature park, will the city assume responsibility for maintaining the nature park?

Respectfully submitted

Collette Okubo
1343 15th Avenue
Honolulu, Hawaii. 96816
(808) 735 5123 (H)

Gerald Park

From: Robert <rndeboo@gmail.com>
Sent: Tuesday, November 25, 2025 5:15 PM
To: gpark@gpup.biz
Subject: Kyodojo Development

November 22, 2025
Gerald Park, Principal
Urban Planner
95-595 Kaname'e St #324
Militant, Hawaii 96789

Subject: Mau'umae Nature Park Japanese Archery Facility
Tax Map key: (1) 3-3-014:015
Kahala Heights, Palolo Ahupua'a, District of Honolulu, Oahu

Dear Mr. Park,

I am writing to formally OBJECT to the planned Japanese Archery Facility (Kyodojo) development within the Mau'umae Nature Park. I am a neighbor who lives near the park.

The facility (a shooting house, parking lot, and target bank) is inconsistent with the conservation purpose of Nature Park and conservation district zoning in the Hawaii Administrative Rules. 13-5-30(1) and (2).

There will be adverse environmental impacts as well. Once there are permanent structures; there will be the loss of potential habitat and an impact on the existing natural resources' (HAR 13-5-30(4)). The area is noted as fire-pron brush, but the natural state is the main issue here.

The project is not comparable with public use and open space. This has a very specific -use with partially-fenced area and restricted hours (3 days a week, 4 hours a day) As well as access being controlled by a private group. All the while making it less accessible for the general public recreational us. HAR 13-5-30(6). This further conflicts with public use. As it claimed to be a public / private facility it access is controlled by the club's board (even if technically public) contradicts the broad, unencumbered public access expected a Nature park.

Moreover, it might be of interest to you as to the sense of how the community feels about it. As it is being discussed though out the community there is objection to the usurping of the Nature Park for private use. There is also discontent with the overall process as most see it a done deal with no real input. In fact, some have told me they have written letters only to be ignored. Others have asked for a community meeting only to be denied by the Parks and Recreation department. Seems to some as just another indication of checking the boxes for political purposes.

Respectfully,

Robert DeBoo

1343 15ave. Honolulu, Hawaii 96816 RNDeBoo@gmail.com mobile (808) 371-4122

Gerald Park

From: Robert <rndeboo@gmail.com>
Sent: Wednesday, November 26, 2025 8:53 AM
To: gpark@gpup.biz
Subject: Mau'umae Nature Park Japanese Archery Facility

November 26, 2025

Subject: Mau'umae Nature Park Japanese Archery Facility
Tax Map key: (1) 3-3-014:015
Kahala Heights, Palolo Ahupua'a, District of Honolulu, Oahu

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The facility (a shooting house, parking lot, and target bank) are inconsistent with the conservation purpose of Nature Park and conservation district zoning in the Hawaii Administrative Rules. 13-5-30(1) and (2).

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The project is not comparable with public use and open space. This has a very specific use with partially-fenced area and restricted hours (3 days a week, 4 hours a day) As well as access being controlled by a private group. All the while making it less accessible for the general public recreational us. HAR 13-5-30(6). This further conflicts with public use. As it claimed to be a public / private facility it access is controlled by the club's board (even if technically public) contradicts the broad, unencumbered public access expected a Nature park.

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Respectfully,

Robert DeBoo

1343 15Ave. Honolulu, Hawaii 96816 RDeBoo@gmail.com mobile (808) 735-5123

Gerald Park

From: Robert Dewitz <bobdewitz@outlook.com>
Sent: Wednesday, November 26, 2025 11:20 AM
To: Robert
Cc: tommy.waters@honolulu.gov; Humber, Scott; senchange@capital.hawaii.gov; senihara@capital.gov; Sugg, Andy; Gerald Park; Amano-Mitsui, Dori; Serota, Nathan P; Adam Doo
Subject: Reply to Mr. Robert Deboo - Mau'umae Nature Park Japanese Archery Facility

Dear Mr. Deboo:

Thank you very much for taking the time to share your concerns about the proposed improvements at Mau'umae Nature Park. Community voices are essential to ensuring the park remains a place that reflects the needs and values of those who use it most, and your input will certainly be included in the project's environmental review.

We understand and regret that not everyone received information as early as we hoped. We first introduced the concept at the Kaimuki Neighborhood Board in January and have provided updates at almost every board meetings since, including last week. In addition, neighbors whose properties border the park were contacted in person this past February, and as part of the State-required Environmental Assessment, a mailed notice was sent on October 21 to approximately 60 nearby residents and stakeholders. Even so, it's clear that we can always do better at keeping the entire community informed, and we are committed to improving that communication going forward.

Regarding the nature of the project: the footprint of the new facility is about 1% of the overall park area and the facility will be a fully public resource, available for a broad range of community, cultural, and health-oriented uses — far beyond just archery. The facility, which includes a meeting room, can host activities such as tai chi, yoga, hula, reading programs, health workshops, and more.

Reservations will be made through the DPR website just like any other park facility, and it can be used for compatible activities any time it is not being used for kyudo (Japanese archery) practices. Accordingly, days and hours of overall use will be driven by user demand. We have already had inquiries from groups wishing to use it for: hula, yoga, kendo, and lua (Hawaiian martial arts).

We fully appreciate your desire to maintain the "nature" element of the park, and we believe that the kyudojo improvements will be a synergistic catalyst to realizing the park's potential in that respect. Currently, the entire area below Koko Drive is overgrown with invasive species. ***Even if one could manage to safely walk through the waist-high California grass, the soles of their shoes would be pin-cushioned with kiawe thorns. It is neither natural nor accessible and limited public resources means it will probably stay that way absent other measures.*** Hawaii Kyudo Foundation ("HKF") will plant a swath of native trees that will connect the existing lower park via a nature path to the section mauka of the dojo that is the focus of a separate community group, EnVision Kaimuki ("EK").

HKF and EK are working closely together because we share the same goal — protecting and revitalizing the native landscape. Key elements of the dojo design, including irrigation capacity, storage, and restroom access, are intended to support EK volunteers in removing invasive species, improving fire resilience, and restoring native habitat. We are grateful for their work and will continue

supporting their mission. As these combined efforts come to fruition, the park becomes more "natural" and more usable to the public.

We truly believe this project will help make Mau'umae Park safer, healthier, and more welcoming for everyone — hikers, neighbors, and families alike. We look forward to continuing the conversation, and we sincerely hope that when the improvements are complete, you will feel that they have strengthened the special character of the park and the surrounding community.

Thank you again for sharing your feedback, and please feel free to reach out with any additional thoughts or questions.

With Aloha, Bob

Bob Dewitz
Director, Secretary
Hawaii Kyudo Foundation
Cell: 808-371-0216



From: Robert <rndeboo@gmail.com>
Sent: Wednesday, November 26, 2025 8:41 AM
To: Waters, Tommy <tommy.waters@honolulu.gov>; Sugg, Andy <andy.sugg@honolulu.gov>; Humber, Scott <scott.humber@honolulu.gov>; senchange@capital.hawaii.gov; senihara@capital.gov
Subject: Mau'umae Nature Park Japanese Archery Facility

CAUTION: Email received from an EXTERNAL sender. Please confirm the content is safe prior to opening attachments or links.

November 26, 2025

Subject: Mau'umae Nature Park Japanese Archery Facility
Tax Map key: (1) 3-3-014:015
Kahala Heights, Palolo Ahupua'a, District of Honolulu, Oahu

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The facility (a shooting house, parking lot, and target bank) are inconsistent with the conservation purpose of Nature Park and conservation district zoning in the Hawaii Administrative Rules. 13-5-30(1) and (2).

There will be adverse environmental impact as well. Once there are permanent structures there will be the loss of potential habitat and impact on the existing natural resources HAR 13-5-30(4). The area is noted as fire-prone brush, but the natural state is the main issue here.

The project is not comparable with public use and open space. This has a very specific use with partially-fenced area and restricted hours (3 days a week, 4 hours a day) as well as access being controlled by a private group. All the while making it less accessible for the general public recreational use. HAR 13-5-30(6). This further conflicts with public use. As it is claimed to be a public / private facility its access is controlled by the club's board (even if technically public) contradicts the broad, unencumbered public access expected at a Nature park.

Moreover, it might be of interest to you as to the sense of how the community feels about it. As it is being discussed throughout the community there is objection to the usurping of the Nature Park for private use. There is also discontent with the overall process as most see it a done deal with no real input. In fact, some have

Gerald Park

From: Megan <meganhana@gmail.com>
Sent: Wednesday, November 12, 2025 4:09 PM
To: gpark@gpup.biz
Subject: Mau'umae Nature Park Preservation

To Gerald Park Urban Planning:

I'm writing as a neighbor and lifelong Kaimukī resident who grew up right across from Mau'umae Nature Park. I recently learned about your proposal to build a Japanese archery facility there, and I want to express my strong opposition to this plan.

This park isn't just an empty lot waiting for something new—it's one of the last remaining natural spaces in our neighborhood. It's where people walk their dogs every morning and evening, where families bring their kids to run around, and where we hold dog obedience classes. I've even shot student films in that park growing up.

Building an archery range that's only open three days a week for four hours at a time—just twelve hours total—doesn't make sense. Why destroy a green space used daily by dozens of residents for something that will sit empty most of the time? It feels like a huge loss for a very limited purpose.

This area is also not built for high traffic. Sierra Drive and the nearby streets are right above this park. cars and buses drive down the steep slope at high speeds. Even with multiple attempts to warn HPD, I've only seen law enforcement once in twenty years to enforce speed limits coming down this dangerous hill. I live on one of these driveways on the steep hill, there are a just too many blind spots and racing cars backing in and out of the street. And during the time of construction of this park-will make it dangerous for kids, pets, and neighbors who walk those streets every day.

If your goal is to give back to the community, there are better ways. Kaimukī already has community centers and churches that could use your support and renovation. There are also existing archery practice fields at Kapi'olani Park that are rarely used—why not invest there instead of taking away a public park?

Hawai'i is already so overdeveloped. Every patch of open land is precious, and Mau'umae Nature Park is one of those special places that gives our neighborhood its soul. Once it's gone, it's gone forever.

Please reconsider this project. Use your resources to improve what already exists, not to erase one of the few open natural spaces left in our community.

Megan Tang

EXHIBIT B

Kaimuki Neighborhood Board No. 4 Meeting Minutes and Resolution



KAIMUKI NEIGHBORHOOD BOARD NO. 4

NEIGHBORHOOD COMMISSION OFFICE • 925 DILLINGHAM BOULEVARD, SUITE 160 • HONOLULU, HAWAII 96817
PHONE: (808) 768-3710 • FAX: (808) 768-3711 • E-MAIL: nco@honolulu.gov • WEBSITE: www.honolulu.gov/nco

REGULAR MEETING WRITTEN SUMMARY FOR VIDEO RECORD

WEDNESDAY, AUGUST 20, 2025 AT 6:30 P.M.

KAIMUKI PUBLIC LIBRARY MEETING ROOM – 1041 KOKO HEAD AVENUE, HONOLULU, HI 96816
AND ONLINE VIA WEBEX

Meeting Recording: <https://www.youtube.com/watch?v=K32rRKUsakM&list=PLfqRwVpRroom3zp43KJkZZ4nynu8uuap1>

Meeting Materials: <https://drive.google.com/drive/folders/1Wt9pOrbakhHBtlTFDEP84GldbXeCis0s>

1. **CALL TO ORDER** [0:00:12]: Chair Kang called the meeting to order at 6:30 p.m.
2. **ROLL CALL** [0:00:24]: Quorum was established with 10 members present. Note: This 11-member Board requires six (6) members to establish a quorum and to take official Board action.

Board Members Present: Brian Kang (Chair), Audrey Abe (Secretary), James Logue (Treasurer), Christine Otto Zaa, Calvin Hara, Kelsie Aguilera, Becky Gardner, John Arnest, Sean Koegel, and Carole Mandryk.

Board Members Absent: Paul Hoe (Vice Chair).

Total Guests: Fire Captain Vail Minn (Honolulu Fire Department); Lieutenant Leonard Nishimura (Honolulu Police Department); Department of Information Technology (DIT) Chief Information Officer (CIO) and Director Brian McKee (Mayor Blangiardi); Tasha Luke (City Council Chair Waters); State Representative Jackson Sayama; Eric McCutcheon, Paula Bender, Robert Dewitz, Juanita Liu, and Sarah Chinen (Residents/Guests); Curtis Hayashi (Neighborhood Commission Office). Note: Name not included if not legible or stated for the record. About 30 participants joined the meeting.

3. **HONOLULU FIRE DEPARTMENT (HFD)** [0:01:26]: Fire Captain Minn provided the incident statistics for July 2025 and shared safety tips regarding emergency notifications and resources.

- **July 2025 Statistics:** There were zero (0) structure fires, zero (0) brush fires, zero (0) nuisance fires, zero (0) cooking fires, three (3) activated alarms (no fire), 57 medical emergencies, one (1) motor vehicle collision with pedestrian, three (3) motor vehicle crash/collisions, zero (0) mountain rescues, zero (0) ocean rescues, and one (1) hazardous materials incident.
- **Safety Tip:** Understanding how to be alerted during urgent emergencies and knowing where to find accurate official information is a key part of being prepared. Alert methods include opt-in alerts (HNL Alert and official government social media) and public alert and warning systems (Emergency Alert System, Wireless Emergency Alert Systems, and outdoor warning sirens). Sign up at hnlalert.gov to receive notifications.
- **Report:** https://drive.google.com/file/d/12XPX3lgN1BSOjMrKBNWSPsdu4Y2SvdKz/view?usp=drive_link

4. **HONOLULU POLICE DEPARTMENT (HPD)** [0:03:59]: Lieutenant Nishimura provided the statistics for July 2025.

- **July 2025 Statistics:** There were nine (9) motor vehicle thefts, 13 burglaries, 20 thefts, 12 unauthorized entry into motor vehicles (UEMV), and 5,662 total calls for service.
- **Safety Tip:** HPD echoed HFD's recommendation to sign up for HNL Alert at hnlalert.gov to receive notifications about weather events and other emergencies, especially in light of recent incidents including fires and the tsunami warning.

Questions, comments and concerns followed – [0:05:11]:

- **Tsunami Warning Traffic:** Hara asked about traffic issues that occurred during the recent tsunami warning. Lieutenant Nishimura responded that HPD has examined different challenges that arose throughout the island and will likely work with civil defense to develop area-specific plans that address how traffic moves through different districts.

5. **COMMUNITY REPORTS** [0:06:42]

Board of Water Supply (BWS) [0:18:35]: No representative present.

Hawai'i Bicycling League Walk Bike Drive Presentation – [0:07:03]: Paula Bender presented a video highlighting the importance of pedestrian and bicycle safety on Hawai'i's roads. The presentation emphasized the Vulnerable Road Users



law, which addresses risks faced by those traveling outside of motorized vehicles. Ms. Bender noted that traffic fatalities in 2025 have more than doubled compared to 2024, with 85 fatalities statewide (54 on Oahu) as of August 2025.

Questions, comments and concerns followed – [0:13:00]:

- Education Campaign: Gardner asked and Bender responded that there should be more efforts to remind adults about road rules, especially regarding specific features like green bike boxes and hand signals used by cyclists.
- Law Enforcement Limitations: Bender noted that police cannot pursue speeding cars or groups of youth on e-bikes or mopeds doing wheelies, which presents enforcement challenges.

Hawai'i Bicycling League Update and Presentation – [0:18:26]: Eric McCutcheon presented on vehicle safety, focusing on how car design affects both occupants and vulnerable road users. He shared data showing that while vehicle miles traveled have increased dramatically in the US, fatalities for car occupants have decreased significantly due to improved safety features. However, pedestrian fatalities have increased, correlating with the rise in sales of larger vehicles.

Questions, comments and concerns followed – [0:28:26]:

- Vehicle Safety Ratings: Gardner asked and McCutcheon responded that he focuses on data for his presentations but encouraged researching specific vehicle safety ratings online. He noted that small imported Japanese K cars generally have lower safety technology and right-hand drive in a left-hand drive culture presents additional risks.
- Fatality Data: Koegel asked and McCutcheon responded that while there is data available on traffic fatalities, more detailed information about timing, causes, and circumstances would be beneficial for improving road safety. Paula Bender added that HPD's media page provides synopses of accidents.

Status Update on Mau'umae Park Kyudojo – [0:33:51]: Robert Dewitz reported that the agreement between the city and his private foundation has been concluded. The city will make land available while the private foundation will fund construction and operation of the Japanese archery range (kyudojo). Currently, they are working through the bureaucratic process to obtain building permits and are preparing an environmental assessment. In the coming weeks, they will be formally soliciting feedback from the board, neighbors, and relevant agencies.

6. ELECTED OFFICIAL REPORTS [0:20:17]

Mayor Rick Blangiardi's Representative – [0:35:45]: Director McKee reported that Mayor Blangiardi recently visited Japan's sister cities. He highlighted a major land acquisition on South Beretania Street to support future HPD operations, new city leadership team additions including Assistant Zoo Director Jackie Peeler and MOCA Director Jennifer Santos, demolition beginning at 1615 Ala Moana Boulevard for a new affordable housing complex, and installation of solar canopies at the Ala Wai golf course parking lot. The city has also partnered with Johnson Controls to install PV panel projects at bus terminals and other locations.

Questions, comments and concerns followed – [0:38:31]:

- Queen Theater: Gardner asked about the status of condemnation proceedings for the Queen Theater and expressed concern about a vape shop that has established a permanent presence nearby despite previous assurances it would be temporary. McKee responded that he would research the issue and provide an update.
- Honolulu 311 App: Koegel shared positive feedback about the Honolulu 311 app, noting that her reported stop sign issue was resolved within two weeks. She also mentioned ongoing illegal dumping at Maukalani Nature Park.
- Traffic Safety: Brown suggested adding a left-turn arrow on 16th Avenue facing mauka (but not on the other side) at the Waialae/16th intersection to reduce accidents. McKee said he would bring this suggestion to the Department of Transportation Services.
- Speed Limit Concerns: A resident expressed concern about speeding on Maunaloa Avenue from 12th Avenue to almost 9th Avenue, noting there is no speed limit sign on the downhill slope where drivers frequently exceed 45 mph. McKee said he would mention this to DTS.

City Council Chair Tommy Waters (District 4) – [0:48:52]: Tasha Luke reported that Chair Waters' office has been following up on several community concerns. A contractor cleaned up concrete slurry runoff on Koko Head Avenue after a constituent report. Missing street name signs on Pahoa Street and Maunaloa Avenue were replaced last month. The office is working with Representative Grandinetti's office on solutions for the derelict conditions at the DOE facility on 22nd Avenue, where dead trees and large debris have blocked sidewalks.

Governor Josh Green's Representative – [0:50:29]: No representative present.

Questions, comments and concerns followed – [0:50:42]:

- Emergency Sirens: Hara requested that the Governor's representative provide information on the timeline for repair or replacement of inoperable emergency sirens, noting a Honolulu Civil Beat article about sirens that have been non-functional for extended periods, including ones in Palolo and at Maunalani Park.

Senate District 9: Senator Stanley Chang – [0:52:19]: No representative present.

Senate District 10: Senator Les Ihara, Jr. – [0:52:28]: No representative present.

House District 20: Representative Tina Grandinetti – [0:52:34]: No representative present.

House District 21: Representative Jackson Sayama – [0:52:48]: Representative Sayama reported that he is part of a paid family leave working group that recently began meeting. The group is helping the Department of Labor and Industrial Relations set parameters for an actuarial study to determine costs and financing options for a paid family leave program. He continues to work with constituents, the Department of Land and Natural Resources, and the Department of Education to address feral chicken issues in Kaimuki. He also expressed concern about the inoperable emergency siren in Palolo District Park and has received conflicting information about repair timelines.

Questions, comments and concerns followed – [0:55:30]:

- Paid Family Leave: Gardner asked about the differences between the current study and previous studies on paid family leave, and about prospects for passing legislation. Representative Sayama explained that the new study will examine how paid family leave would interact with Hawaii's prepaid healthcare law, ERISA (Employee Retirement Income Security Act) exemptions, and other state programs like temporary disability insurance. He noted that with a new House Finance Committee chair, Representative Chris Todd, there may be new opportunities to advance the legislation, and he committed to discussing the issue with Chair Todd.

U.S. Congressman Ed Case's Representative – [1:02:52]: No representative present.

7. COMMUNITY CONCERNS FROM RESIDENTS [1:03:15]

Feral Chickens: Resident Sarah Chinen reported that after calling the Humane Society and city departments with no results regarding feral chickens in her neighborhood, residents took matters into their own hands by having someone catch the chickens and relocating the chickens to a park.

8. BOARD BUSINESS [1:05:15]

Discussion and Consideration of Resolution in Response to Letter Dated Monday, April 21, 2025 from the City & County of Honolulu Department of Parks & Recreation, Requesting Community Input Regarding Which Park(s) or Park Area(s) to Allow Leashed Dogs – [1:05:22]: Member Abe presented a draft resolution focusing on protecting four well-used sports parks in the neighborhood that are utilized by children and adults from across Oahu. The resolution recommends that these parks remain dog-free due to safety and health concerns and limited land area. Juanita Liu from the Joint Transportation Committee of Neighborhood Boards 4 and 5 shared that their research found approximately 80% of parks in the East Honolulu area already allow dogs. She noted that the committee published an article on July 10th in Island Voices (Honolulu Star-Advertiser) and sent information to all 33 neighborhood board chairs, receiving positive responses.

[1:24:54] – Koegel MOVED and Mandryk SECONDED to adopt the resolution as amended by adding that Maunalani Park be designated as a dog park between the hours of 5:00 p.m. and 7:00 p.m. The motion was ADOPTED; 8-0-2 (Aye: Kang, Logue, Otto Zaa, Hara, Arnest, Koegel, Mandryk, and Abe; Nay: None; Abstain: Aguilera and Gardner) – [1:29:58].

Approval of Written Summary for Video Record: Wednesday, July 16, 2025 – [1:30:10]: [1:30:26] – Logue MOVED and Arnest SECONDED to adopt the written summary as written. The written summary was ADOPTED; 10-0-0 (Aye: Kang, Logue, Otto Zaa, Hara, Aguilera, Gardner, Arnest, Koegel, Mandryk, and Abe; Nay: None; Abstain: None) – [1:30:39].

Approval of Correction to Wednesday, November 20, 2024 Written Summary for Video Record Regarding Board's Approval of TheBus Route 200 Resolution – [1:30:44]: Chair Kang explained that the original version of the written summary did not accurately reference the adoption of the Bus Route 200 resolution. The corrected version states that Member Abe shared a draft resolution urging DTS to address safety concerns of the newly installed Bus Route 200 on Alohea Avenue, Member

Abe moved and Member Judi-Ann Smith-Kauhane seconded, and the resolution was unanimously adopted by voice vote. [1:32:15] – **Logue MOVED and Abe SECONDED to adopt the written summary as corrected. The corrected written summary was ADOPTED; 10-0-0 (Aye: Kang, Logue, Otto Zaa, Hara, Aguilera, Gardner, Arnest, Koegel, Mandryk, and Abe; Nay: None; Abstain: None) – [1:32:27].**

Reports of Board Members Attending Other Neighborhood Board and Public Meetings – [1:32:33]: Member Hara reported attending the town hall meeting hosted by City Council Chair Waters and Representative Grandinetti on July 23, 2025.

9. BOARD ANNOUNCEMENTS [1:00:50]: Chair Kang announced Vintage Books Hawaii LLC on Waialae Avenue, has applied for a dispenser general category 3 liquor license. Will be heard by liquor license on September 4, 2025. Chair Kang made a second announcement, regarding House concurrent resolution 177 which was passed by the Hawaii legislature, which encourages the City & County of Honolulu to initiate a summer streets pilot program to allow pedestrians, bicycles, skate boarders and other modes of transportation from traditional motorized vehicles to use certain streets during the summer.

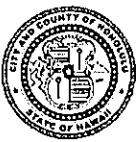
Next Meeting – [1:02:29]: The next regular meeting of the Kaimuki Neighborhood Board will be on Wednesday, September 17, 2025 at 6:30 p.m. at the Kaimuki Public Library meeting room and online via Webex.

10. ADJOURNMENT [1:03:19]: Chair Kang adjourned the meeting at 7:33 p.m.

Submitted by: Curtis Hayashi, Neighborhood Assistant, Neighborhood Commission Office

Reviewed by: Audrey Abe, Secretary, Neighborhood Board No. 4

Final approval by: Audrey Abe, Secretary, Neighborhood Board No. 4



KAIMUKI NEIGHBORHOOD BOARD NO. 4

NEIGHBORHOOD COMMISSION OFFICE • 925 DILLINGHAM BOULEVARD, SUITE 160 • HONOLULU, HAWAII 96817
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Resolution Supporting the Construction and Operation of a Kyudojo at Mau'umae Nature Park

WHEREAS, the City and County of Honolulu, Department of Parks and Recreation ("CITY"), owns and manages Mau'umae Nature Park, a 28.89-acre park in Kaimuki, which is designated for recreational uses only; and

WHEREAS, the Hawai'i Kyudo Foundation ("FOUNDATION"), a Hawai'i non-profit organization, has committed to design, construct, and maintain a Kyudojo (traditional Japanese archery training facility) and adjoining parking lot within Mau'umae Nature Park in partnership with the CITY as set forth in that certain binding agreement dated May 14, 2025; and

WHEREAS, the proposed Kyudojo will consist of a traditional open-faced shooting hall (Shajō), target shed (Matoba), and practice field (Yamichi), together with support facilities including restrooms, meeting space, and accessible parking, thereby enhancing recreational and cultural opportunities for the community; and

WHEREAS, the FOUNDATION has committed to funding and managing the design, planning, permitting, and construction of the Project at no cost to the CITY, as well as providing ongoing volunteer staffing and programming for the public benefit; and

WHEREAS, the Project will provide cultural, educational, and recreational opportunities for residents and visitors, including classes, demonstrations, and community gatherings, while ensuring that the facility remains open to the general public; and

WHEREAS, the Project aligns with the mission of the Department of Parks and Recreation to develop and implement cultural and recreational programs for the people of Honolulu, while fulfilling the statutory mandate that the Park be utilized for recreational purposes; and

WHEREAS, the Project will strengthen cultural ties between Hawai'i and Japan, preserve the traditional martial art of Kyudo, and contribute to the enrichment of the Kaimuki community and greater Honolulu;

NOW, THEREFORE, BE IT RESOLVED that the Kaimuki Neighborhood Board supports the Hawai'i Kyudo Foundation's proposal and partnership with the City and County of Honolulu to construct, operate, and maintain a Kyudojo at Mau'umae Nature Park; and

BE IT FURTHER RESOLVED that copies of this Resolution be transmitted to the Mayor of Honolulu, the Honolulu City Council, the Director of the Department of Parks and Recreation, and the Hawai'i Kyudo Foundation.

This resolution was ADOPTED by Neighborhood Board No. 4 (Kaimuki) on Wednesday, October 15, 2025; 8-0-0 (Aye: Abe, Arnest, Gardner, Hara, Hoe, Koegel, Mandryk, and Kang; Nay: None; Abstain: None).

Brian Kang (bak.nb4@gmail.com)
Chair of Neighborhood Board No. 4 (Kaimuki)