

PAHUA HEIAU PUBLIC VIEWING
AREA FENCING

TMK 3-9-056: 038

ADDRESS:
7142 MAKAHUENA PLACE
HONOLULU, HAWAII 96825

PREPARED FOR:

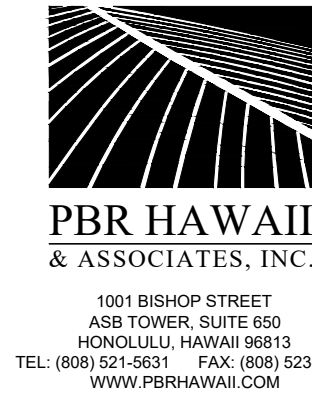
The Office of Hawaiian Affairs (OHA)
560 North Nimitz Hwy, Suite 200
Honolulu, Hawaii 96817
Phone: (808) 594-1835
Fax: (808) 594-1865

Contact: Brutus La Benz (Legacy Land Specialist)

CONSULTANT:

LANDSCAPE ARCHITECT

PBR HAWAII & Associates, Inc.
1001 Bishop Street
ASB Tower, Suite 650
Honolulu, Hawaii 96813
Phone (808) 521-5631
Fax (808) 523-1402
Contact: Stan Duncan



This work was prepared by me or under my supervision and construction of this project will be under my observation.
Supervision and Observation of this project is as defined in Section 1.2 of the Hawaii Administrative Rules, Title 16, Chapter 115, Professional Engineers, Architects, Land Surveyors, and Landscape Architects.

PROJECT TITLE

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REVISIONS

No./Date	Description
△	
△	

PERMIT SUBMITTAL
11/9/2020

PALEKANA PERMITS
THIRD PARTY CERTIFICATION

☐ Bldg. Code☐ Elec. Code

☐ Mech. Code☐ ZPRB (Land Use Ordinance)

☐ Structural (Non-Single/2-Family Dwellings)

DRAWING TITLE

COVER SHEET

SCALE:

DRAWN BY:

PBR

CHECKED BY:

SD

PROJECT NO.

3558.01

DRAWING NO.

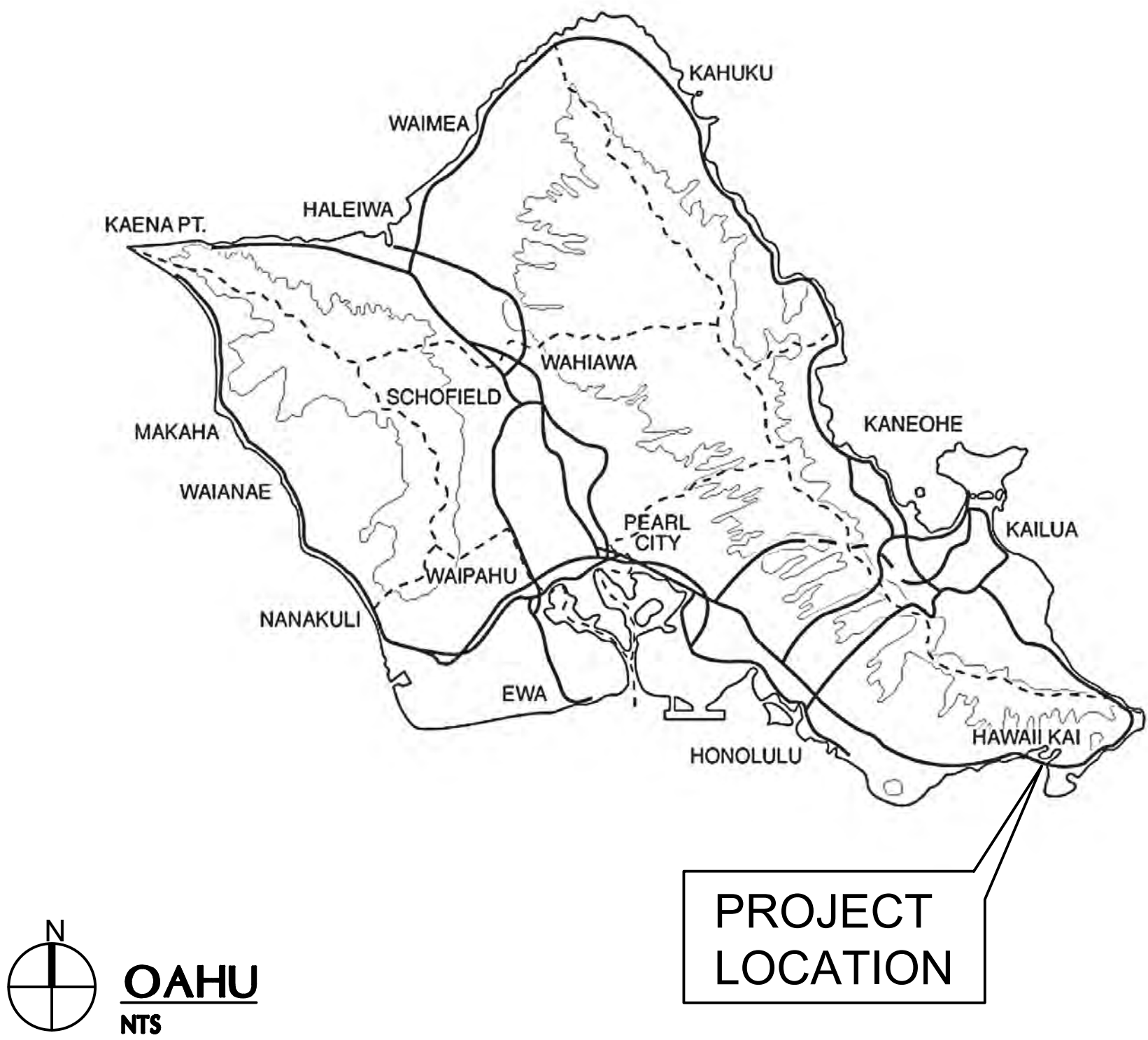
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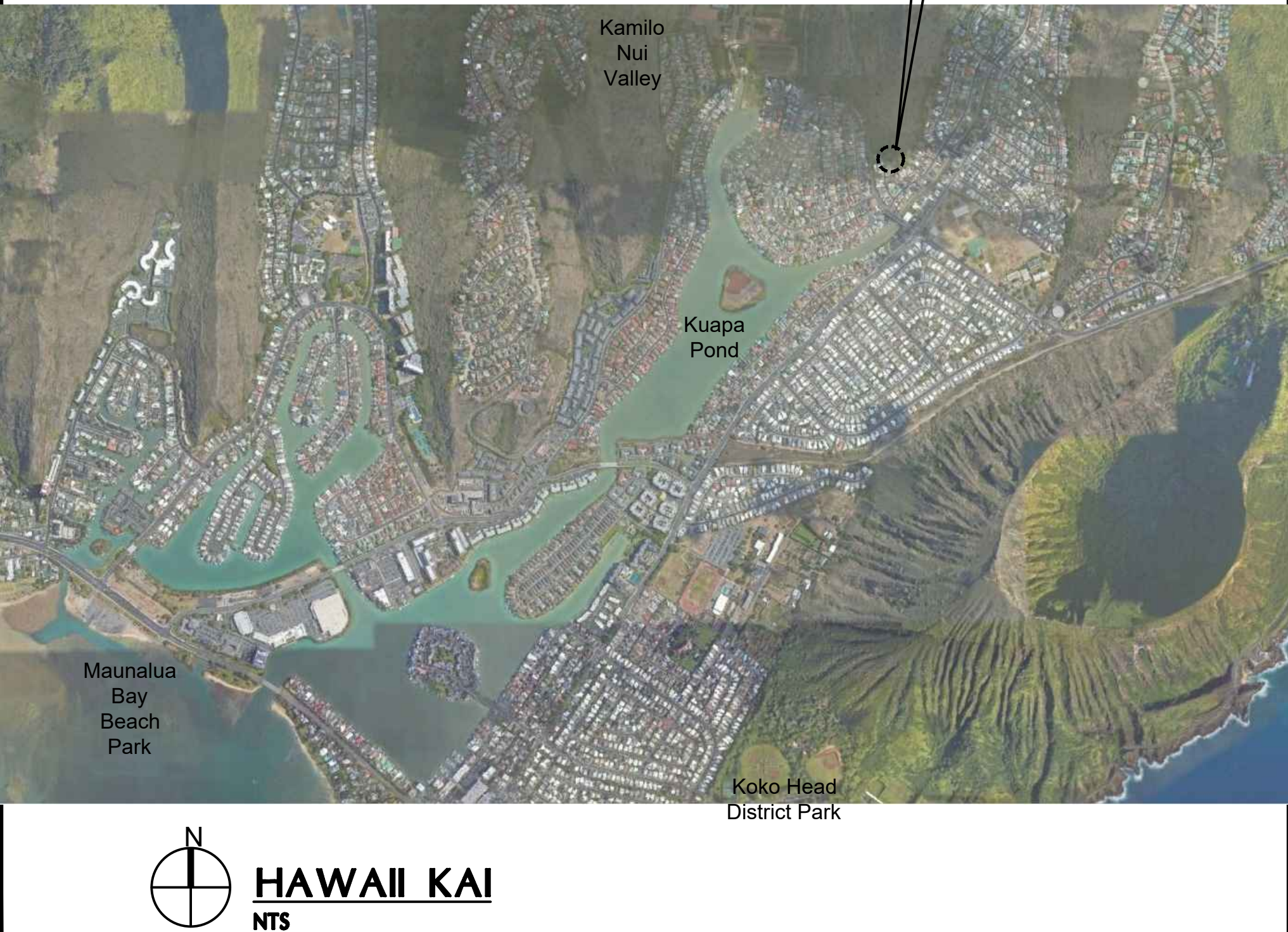
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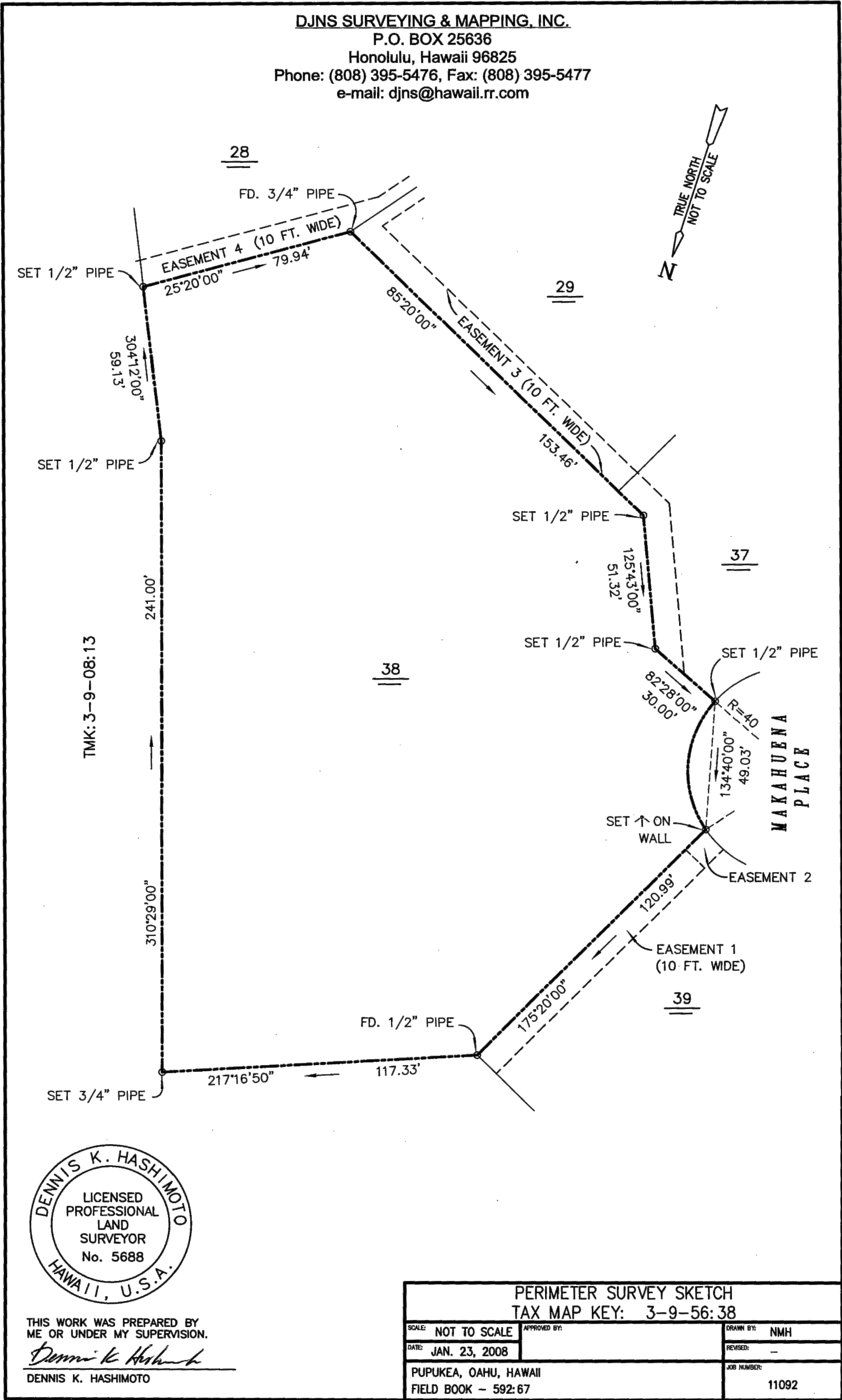
ISLAND MAP



VICINITY MAP



PROJECT SITE



PROJECT & CODE INFORMATION

PROJECT DESCRIPTION:
Per recommendations from the Archaeological Preservation Plan (dated September 2017) approved by the Department of Land and Natural Resources (DLNR) - State Historic Preservation Division (SHPD), the scope of this project is to add fencing within the existing landscaped area below Puhua Heiau Complex. By limiting illegal access and delineate a public Viewing Area, the new fencing will help prevent physical damages to cultural features and disruptions to the site's sanctity.

GENERAL INFORMATION:

PROPERTY OWNER: THE OFFICE OF HAWAIIAN AFFAIRS (OHA)

TAX MAP KEY: TMK 3-9-056: 038

STREET ADDRESS: 7142 MAKAHUENA PLACE
HONOLULU, HAWAII 96825

ZONING: RESIDENTIAL DISTRICT 5

STATE LAND USE DESIGN: URBAN

FEMA FLOOD DESIGNATION: D (UNDETERMINED FLOOD HAZARD)

LOT AREA: 50,057 SF (1.15 AC)

CULTURAL RESOURCES IDENTIFIED IN THE PROJECT AREA: SIHP # 50-80-15-0039: PAHUA HEIAU COMPLEX

REFERENCE CODES:

ALL CODES SHALL BE AS ADOPTED AND AMENDED BY THE CITY AND COUNTY OF HONOLULU:

- International Building Code (IBC), 2006 Edition with local amendments
- International Energy Conservation Code (IECC), 2006 Edition with local amendments
- Uniform Plumbing Code (UPC), 2006 Edition with local amendments
- Uniform Fire Code (UFC), NFPA 1 2012 Edition with local amendments
- National Electrical Code, 2008 Edition

OTHER APPLICABLE CODES:

EXCEPTION - 2004 AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES (2004 ADAAG)

RELATING TO A PROJECT UNDER REVIEW FOR HAWAII REVISED STATUTES (HRS) 103.50.

Project Name: Puhua Heiau Viewing Area Improvements (Office of Hawaiian Affairs)
Dept Project Number: 3297

The 2004 ADAAG contains a provision relating to "historic preservation." The general exception is applicable in alterations, as follows:

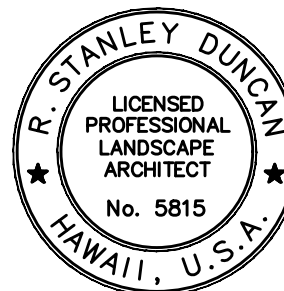
202.5 Alterations to Qualified Historic Buildings and Facilities. Alterations to a qualified historic building or facility shall comply with 202.3 and 202.4 EXCEPTION: Where the State Historic Preservation Officer or Advisory Council on Historic Preservation determines that compliance with the requirements for accessible routes, entrances, or toilet facilities would threaten or destroy the historic significance of the building or facility, the exceptions for alterations to qualified historic buildings or facilities for that element shall be permitted to apply. 106.5 Defined Terms. Qualified Historic Building or Facility. A building or facility that is listed in or eligible for listing in the National Register of Historic Places, or designated as historic under appropriate State or local law.

DRAWING INDEX

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L002	PROJECT NOTES
L003	DEMOLITION PLAN
L004	FENCE LAYOUT PLAN
L005	FENCE DETAILS
L006	GATE DETAILS



1001 BISHOP STREET
5TH FLOOR, SUITE 500
HONOLULU, HAWAII 96813
TEL: (808) 551-5831 FAX: (808) 523-1402
WWW.PBRHAWAII.COM



Expiration Date of the License: 06/30/22

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& DRAWING INDEX

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GENERAL NOTES

1.

THESE NOTES ARE TO BE USED FOR GENERAL REFERENCE IN CONJUNCTION WITH, AND AS A SUPPLEMENT TO ANY WRITTEN SPECIFICATIONS, APPROVED ADDENDA, AND CHANGE ORDERS ASSOCIATED WITH THESE LANDSCAPE CONSTRUCTION DOCUMENTS.
2.

A QUALIFIED SUPERVISOR SHALL BE PRESENT ON SITE AT ALL TIMES.
3.

THE GENERAL CONTRACTOR SHALL COORDINATE ALL WORK WITH RELATED CONTRACTORS AND WITH THE GENERAL CONSTRUCTION OF THE PROJECT IN ORDER NOT TO IMPED E THE PROGRESS OF THE WORK OF OTHERS OR THE CONTRACTOR'S OWN WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL CONSTRUCTION ELEMENT LOCATIONS WITH OTHER TRADES PRIOR TO INSTALLATION. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATIONS OF EXISTING AND FUTURE UNDERGROUND SERVICES AND IMPROVEMENTS WHICH MAY CONFLICT WITH THE WORK TO BE DONE. NOTIFY THE OWNER OR LANDSCAPE ARCHITECT (LA) IMMEDIATELY SHOULD CONFLICTS ARISE.
4.

OBSERVATION VISITS TO THE JOB SITE BY THE LANDSCAPE ARCHITECT DO NOT INCLUDE INSPECTIONS OF CONSTRUCTION METHODS AND SAFETY CONDITIONS AT THE WORK SITE. THESE VISITS SHALL NOT BE CONSTRUED AS CONTINUOUS AND DETAILED INSPECTIONS.
5.

CONTRACTOR SHALL PROVIDE FIELD STAKING OF THE PROPERTY LINES WITHIN THE LIMITS OF WORK. FIELD STAKING OF THE PROPERTY LINES SHALL BE DONE BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF HAWAII. CONTRACTOR SHALL ENSURE THAT PROJECT WORK IS INSTALLED WITHIN THE PROPERTY LINES.
6.

VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. NOTIFY THE OWNER AND LA IMMEDIATELY SHOULD CONFLICTS ARISE.
7.

CONSTRUCTION DETAILING, MATERIALS, EQUIPMENT AND PRODUCTS OTHER THAN THOSE SPECIFIED WITHIN THESE PLANS MAY BE CONSIDERED FOR USE PROVIDED PRIOR WRITTEN APPROVAL IS OBTAINED FROM OWNER, THE LA OR THE APPLICABLE GOVERNING AUTHORITY (AS REQUIRED) PRIOR TO IMPLEMENTATION.
8.

AREAS TO BE PROTECTED FROM GRADING OR CONSTRUCTION DISTURBANCE ARE FENCED WITH ORANGE FENCING AS PER PLANS BY OWNER AND APPROVED BY LA PRIOR TO CONSTRUCTION. CONTRACTOR SHALL PERFORM ALL CONSTRUCTION ACTIVITY OUTSIDE OF PROTECTED AREAS AND SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF PROTECTED AREAS ON A DAILY BASIS. DAMAGED AREAS THAT HAVE BEEN DESIGNATED TO BE PROTECTED SHALL BE RESTORED TO ORIGINAL CONDITIONS AT CONTRACTORS EXPENSE.
9.

CONTRACTOR SHALL BE FAMILIAR WITH AND ADHERE TO ALL LOCAL, STATE AND FEDERAL CODES AND REGULATIONS PERTAINING TO THE PROJECT WORK. ANY CONFLICTS MUST BE BROUGHT TO THE ATTENTION OF THE OWNER REPRESENTATIVE AND THE LA IMMEDIATELY.
10.

CONTRACTOR SHALL INSPECT THE CONDITION OF EXISTING WORK FOR DEFECTS PRIOR TO BEGINNING WORK. ALL WORK WILL BE REVIEWED DURING THE FINAL ACCEPTANCE WALK. ANY DAMAGE TO EXISTING WORK SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
11.

WHERE 2 OR MORE REQUIREMENTS CREATE OVERLAPPING CONDITIONS, CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND THE LA IMMEDIATELY FOR INTERPRETATION.
12.

THE CONTRACTOR AND ITS SUBCONTRACTORS SHALL DILIGENTLY CROSS-REFERENCE ALL CONTRACT DOCUMENTS. SHOULD CONTRACTOR NOTE OBVIOUS TECHNICAL OVERSIGHTS (I.E. LIGHT WITH NO ELECTRICAL HOOK-UP), IT IS TO BE ASSUMED THAT THIS WORK IS INCLUDED WITHIN THE BASE BID AMOUNT.
13.

NEITHER THE LANDSCAPE ARCHITECT NOR THE OWNER WILL BE RESPONSIBLE FOR, OR HAVE CONTROL OR CHARGE OF, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. NEITHER THE ARCHITECT NOR THE OWNER WILL BE RESPONSIBLE FOR, OR HAVE CONTROL OR CHARGE OVER, OR ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OF THEIR AGENTS OR EMPLOYEES, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK.
14.

IF ON ANY OCCASION THE CONTRACTOR FEELS THE OWNER OR ITS CONSULTANTS ARE REQUIRING WORK BEYOND THE CONTRACT DOCUMENTS, IT MUST BE IMMEDIATELY BROUGHT FORTH FORMALLY TO THE OWNER'S ATTENTION PER THE OR THE GENERAL CONDITIONS SO THAT A PROMPT RESOLUTION MAY BE DETERMINED WITH THE OWNER. WITHOUT THIS NOTIFICATION, ANY CLAIMS FOR ADDITIONAL COMPENSATION BASED ON EXCESSIVE CONSTRUCTION QUALITY STANDARDS SHALL BE WAIVED.
15.

PUNCH LIST WORK WILL BE PERFORMED DURING REGULAR BUSINESS HOURS DURING THE WEEK UNLESS OTHERWISE DIRECTED BY THE OWNER.
16.

IT IS TO BE UNDERSTOOD BY THE CONTRACTOR THAT IN ACCORDANCE WITH INDUSTRY, IT IS PROBABLE THAT ALL SPECIFIC CONSTRUCTION FIELD CONDITIONS ARE NOT DETAILED ON THE CONTRACT DOCUMENTS. IN THE EVENT OF THESE OCCURRENCES THE CONTRACTOR SHALL SUBMIT ITS PROPOSAL OF A DETAIL IN ACCORDANCE TO ACCEPTABLE INDUSTRY STANDARDS AND GOVERNING CODES AS WELL AS THE DESIGN INTENT OF THE CONTRACT DOCUMENTS. THE OWNER AND/OR ITS CONSULTANTS SHALL REVIEW SAID DETAIL FOR APPROVAL OR NECESSARY ALTERNATE EQUAL INDUSTRY STANDARDS. THE OWNER AND ITS CONSULTANTS WILL NOT BE RESPONSIBLE FOR ADDITIONAL COSTS OR CLAIMS TO THE WORK WITHIN THE AFORESAID POLICY.
17.

IT IS THE INTENT THAT THE WORK INCLUDED UNDER EACH SECTION OF THE SPECIFICATIONS SHALL COVER THE MANUFACTURE, FABRICATION, DELIVERY, INSTALLATION, AND/OR ERECTION AND PERFORMANCE, WITH ALL INCIDENTALS THERETO, UNLESS OTHERWISE NOTED OR SPECIFIED.
18.

THE CONTRACTOR IS CAUTIONED THAT WHEN A "WORK INCLUDED" OR "SECTION INCLUDES" PARAGRAPH IS INCLUDED, IT IS INTENDED TO BE GENERAL AND IN NO WAY LIMITS OR QUALIFIES THE CONTRACT REQUIREMENTS.
19.

SPECIFICATIONS AND DRAWINGS ARE INTENDED TO AGREE AND BE MUTUALLY EXPLANATORY AND SHALL BE ACCEPTED AND USED AS A WHOLE AND NOT SEPARATELY. SHOULD ANY ITEM BE OMITTED FROM THE DRAWINGS AND BE INCLUDED IN THE SPECIFICATIONS OR VICE-VERSA, IT SHALL BE EXECUTED THE SAME AS IF SHOWN AND CONTAINED IN BOTH AT NO EXTRA COST TO THE OWNER. IT IS THE INTENT OF THE DOCUMENTS FOR THE CONTRACTOR TO PROVIDE COMPLETE WORKING SYSTEMS UNLESS NOTED OTHERWISE. ANY CONFLICT OR INCONSISTENCY BETWEEN THE DRAWINGS AND SPECIFICATIONS, ANY DISCREPANCIES WITHIN THE DRAWINGS AND/OR SPECIFICATIONS SHALL BE SUBMITTED BY THE CONTRACTOR THROUGH THE OWNER TO THE LANDSCAPE ARCHITECT FOR INTERPRETATION.
20.

ANY EXISTING GRADE ELEVATIONS AS DEPICTED ON THE CONTRACT DOCUMENTS ARE FOR INFORMATION PURPOSES AND ARE TO BE CONSTRUED AS ABSOLUTE. ANY OTHER FINISH GRADING REQUIRED TO MEET THE INDICATED FINAL GRADES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
21.

AT THE END OF EACH DAY'S WORK, THE CONTRACTOR SHALL ENSURE THAT THE PROJECT SITE IS CLOSED AND SECURE.
22.

IN THE EVENT OF THE INADVERTENT DISCOVERY OF A HISTORIC PROPERTY DURING CONSTRUCTION, WORK WILL STOP IN THE IMMEDIATE VICINITY OF THE FIND. THE STATE HISTORIC PRESERVATION DIVISION (SHPD) WILL BE IMMEDIATELY NOTIFIED, AND THE PROCEDURES FOR THE INADVERTENT DISCOVERIES ESTABLISHED IN HAWAII ADMINISTRATIVE RULES 13-280 AND 13-300 WILL BE ADHERED TO.

PUBLIC HEALTH, SAFETY, & ENVIRONMENTAL NOTES

1.

THE CONTRACTOR SHALL OBSERVE AND COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS REQUIRED FOR THE PROTECTION OF PUBLIC HEALTH, SAFETY, AND ENVIRONMENTAL QUALITY. ANY CONFLICTS MUST BE BROUGHT TO THE ATTENTION OF THE OWNER REPRESENTATIVE AND THE LA IMMEDIATELY.
2.

THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN ALL NECESSARY SIGNS, LIGHTS, FLARES, BARRICADES, MARKERS, CONES, AND OTHER PROTECTIVE FACILITIES AND SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION, CONVENIENCE AND SAFETY OF THE PUBLIC.
3.

THE CONTRACTOR, AT HIS/HER OWN EXPENSE, SHALL KEEP THE PROJECT AND ITS SURROUNDING AREAS FREE FROM DUST NUISANCE. THE WORK SHALL BE IN CONFORMANCE WITH THE AIR POLLUTION STANDARDS AND REGULATIONS OF THE STATE DEPARTMENT OF HEALTH.
4.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFORMANCE WITH THE APPLICABLE PROVISIONS OF THE WATER QUALITY AND WATER POLLUTION CONTROL STANDARDS CONTAINED IN HAWAII ADMINISTRATIVE RULES, TITLE 11, CHAPTER 54, "WATER QUALITY STANDARDS" AND TITLE 11, CHAPTER 55 "WATER POLLUTION CONTROL". BEST MANAGEMENT PRACTICES SHALL BE EMPLOYED AT ALL TIMES DURING CONSTRUCTION.
5.

THE CONTRACTOR'S ATTENTION IS DIRECTED TO HAWAII ADMINISTRATIVE RULES, TITLE 11, CHAPTER 46 "COMMUNITY NOISE CONTROL" IN WHICH MAXIMUM ALLOWABLE NOISE LEVELS HAVE BEEN SET. IF THE CONSTRUCTION ACTIVITIES FOR THIS PROJECT WILL EXCEED THE ALLOWABLE NOISE LEVELS, THE CONTRACTOR WILL BE REQUIRED TO OBTAIN A PERMIT FROM THE DIRECTOR OF THE DEPARTMENT OF HEALTH. THE CONTRACTOR SHALL OBTAIN A COPY OF CHAPTER 46 AND BECOME FAMILIAR WITH THE NOISE LEVEL RESTRICTIONS AND THE PROCEDURES FOR OBTAINING A PERMIT FOR CONSTRUCTION ACTIVITIES. APPLICATIONS AND INFORMATION ON VARIANCES ARE AVAILABLE AT THE ENVIRONMENTAL HEALTH SERVICES DIVISION, 591 ALA MOANA BLVD, HONOLULU, HAWAII 96813, OR BY TELEPHONE AT (586-4700).

ARCHAEOLOGICAL MONITORING NOTES

1.

THE CONTRACTOR SHALL PROVIDE AN ARCHAEOLOGICAL MONITOR FOR THE DURING OF THE WORK WHERE GROUND DISTURBANCE WILL OCCUR (I.E. DIGGING, POURING FOOTINGS, ETC.).
- 1.1.

CONTRACTOR SHALL PROVIDE AN ARCHAEOLOGICAL MONITOR FROM THE DLNR - SHPD PERMITTED FIRMS LIST FOR THE CURRENT YEAR.
- 1.2.

THE PROJECT ARCHAEOLOGICAL MONITOR SHALL FOLLOW THE HAWAII ADMINISTRATIVE RULES, CHAPTER 13-279, RULES GOVERNING STANDARDS FOR ARCHAEOLOGICAL MONITORING STUDIES AND REPORTS.
2.

THE CONTRACTOR SHALL OBTAIN A COPY OF THE SHPD-ACCEPTED "ARCHAEOLOGICAL PRESERVATION PLAN - PAHUA HEIAU" (DATED SEPTEMBER 2017) PREPARED BY NOHOPAPA HAWAII FROM THE OWNER.
- 2.1.

THE CONTRACTOR AND ARCHAEOLOGICAL MONITOR SHALL BE RESPONSIBLE FOR REVIEW AND CONFORMANCE WITH THE ACCEPTED ARCHAEO. PRESERVATION PLAN.
- 2.2.

ANY CONFLICTING DIRECTIONS BETWEEN THE ARCHAEO. PRESERVATION PLAN AND THIS DRAWING SET SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE OWNER.
3.

THE CONTRACTOR SHALL COORDINATE AND ORGANIZE A PRE-CONSTRUCTION MEETING ATTENDED BY A REPRESENTATIVE FROM OHA, THE ARCHAEOLOGICAL MONITOR(S) FOR THE PROJECT, SHPD, WORK CREW SUPERVISOR(S), AND THE LANDSCAPE ARCHITECT. TOPICS THAT MUST BE DISCUSSED MUST INCLUDE INTENDED DEMOLITION EQUIPMENT AND GROUND DISTURBANCES. CONSTRUCTION MAY NOT BEGIN WITHOUT THIS MEETING.
4.

THE CONTRACTOR SHALL NEITHER CONSTRUCT, STOCKPILE, DISTURB, NOR ALLOW VEHICULAR TRAFFIC BEYOND THE LIMITS OF WORK.

SPECIAL NOTE: LITTLE FIRE ANT PREVENTION

1.

CONTRACTOR WILL SCHEDULE AND NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO DELIVERY OF IMPORTED CHIPPED WOOD, CINDER, OR GRAVEL TO THE PROJECT.
2.

CONTRACTOR SHALL PROVIDE QUARANTINE OR A HOLDING AREA FOR 6 WEEKS BEFORE DELIVERY TO PROJECT SITE.
3.

CONTRACTOR WILL BUY LANDSCAPE MATERIALS ONLY FROM FIRE ANT-FREE PLANT NURSERIES AND LANDSCAPING MATERIAL SUPPLIERS.
4.

CONTRACTOR WILL TEST FOR LFA AND IDENTIFY THE SPECIES CORRECTLY. CONSULT WEBSITE: [WWW.LITTLEFIREANTS.COM](#) FOR TESTING METHODS AND SPECIES IDENTIFICATION.
5.

CONTRACTOR WILL BAIT AND ALLOW AT LEAST 2 WEEKS FOR THE BAIT TO BE CARRIED BACK TO THE COLONY FOR NURSERY & LANDSCAPING MATERIALS AT THE SUPPLYING NURSERIES REGARDLESS OF THE FIRE ANT-FREE CLAIM.
6.

CONTRACTOR WILL APPLY A BARRIER TREATMENT, FOLLOWING THE BAITING, TO ALL PLANT NURSERY MATERIALS AT THE SUPPLYING NURSERIES REGARDLESS OF THE FIRE ANT-FREE CLAIM.
7.

CONTRACTOR WILL DRENCH ALL SOILS OR LOOSE NURSERY MATERIALS WITH THE PROPER MIXTURE OF SEVIN PER GALLON OF WATER INDICATED BY THE MANUFACTURER AND FOLLOW MANUFACTURER'S SAFETY PRECAUTIONS.
- 7.1.

CONTRACTOR MAY ALSO USE SOLUTION MIXTURE OF 1 OZ PER 10 GAL OF H2O TALSTAR. ALL LANDSCAPING MATERIALS SHALL BE THOROUGHLY DRENCHED TWICE WITH THIS SOLUTION.
8.

TREAT EACH SHIPMENT 1 TO 2 DAYS BEFORE LOADING TRUCK AND ONCE AGAIN PRIOR TO LOADING.

SPECIAL NOTE: COQUI FROG PREVENTION

1.

PRIOR TO TRANSPORT TO THE PROJECT, INSPECT, TAKE PRECAUTIONS, AND CERTIFY THAT MATERIALS, EQUIPMENT AND VEHICLES ARE FREE OF COQUI FROGS AND/OR THEIR EGGS.
2.

IN THE EVENT OF THE PRESENCE OF COQUI FROGS AND/OR THEIR EGGS, THEY SHALL BE COMPLETELY DESTROYED AND REMOVED AND THE MATERIAL, EQUIPMENT, OR VEHICLE TREATED AS RECOMMENDED BY THE STATE AND RE-INSPECTED.
3.

USE SOLUTION MIXTURE OF 1 GAL PER 10 GAL H2O TRANQUIL (LEAF SHINE) FOR COQUI. TREAT EACH SHIPMENT 1 TO 2 DAYS BEFORE LOADING TRUCK AND ONCE AGAIN PRIOR TO LOADING. ALL LANDSCAPING MATERIALS SHALL BE THOROUGHLY DRENCHED TWICE WITH THIS SOLUTION.
4.

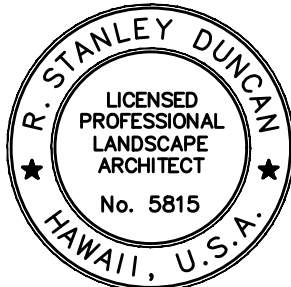
REPORT PRESENCE OF COQUI FROGS OR EGGS TO THE HAWAII DEPT. OF AGRICULTURE PEST HOTLINE AT (808) 643-PEST (7378), OR THE BIG ISLAND INVASIVE SPECIES COMMITTEE (BIISC) PH. (808) 933-3340 OR EMAIL: [BIISC@HAWAII.EDU](#)

ABBREVIATIONS

ARCH	ARCHITECTURAL
ARCHAEO	ARCHAEOLOGICAL
Ⓡ	BASELINE
BLDG	BUILDING
CAL	CALIPER
⌀	CENTRAL LINE
CJ	CONTROL JOINT
CONC	CONCRETE
CY	CUBIC YARD
DIA/ DIAM.	DIAMETER
DIAG	DIAGONAL
DLNR	DEPARTMENT OF LAND AND NATURAL RESOURCES
DET./DTL	DETAIL
DWG	DRAWING
EQ	EQUAL
ELEC	ELECTRICAL
EXST/ EXIST.	EXISTING
FG	FINISH GRADE
FP	FIRE PROTECTION
FT	FOOT/FEET
GAL	GALLON
GALV	GALVANIZED
HT	HEIGHT
LA	LANDSCAPE ARCHITECT
LC	LANDSCAPE CONTRACTOR
LF	LINEAR FEET
MAX	MAXIMUM
MIN	MINIMUM
MH	MANHOLE
N	NORTHING
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
O.C.	ON CENTER
OD	OUTSIDE DIAMETER
OHA	OFFICE OF HAWAIIAN AFFAIRS
PA	PLANTING AREA
PL	PROPERTY LINE
POC	POINT OF CONNECTION
PSI	POUNDS PER SQUARE INCH
SF	SQUARE FEET
SHPD	STATE HISTORIC PRESERVATION DIVISION
SYM	SYMBOL
TYP	TYPICAL
TYP SYM.	TYPICAL SYMBOL
UNO	UNLESS NOTED OTHERWISE
W/	WITH

SYMBOLS

&	AND
@	AT
#	NUMBER
Ø	DIAMETER
%	PERCENT
=	EQUAL
±	PLUS OR MINUS
>	GREATER THAN
<	LESS THAN
≥	GREATER THAN OR EQUAL TO
≤	LESS THAN OR EQUAL TO
'	FOOT
"	INCH



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PROJECT NOTES

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NOTES:

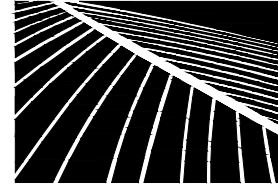
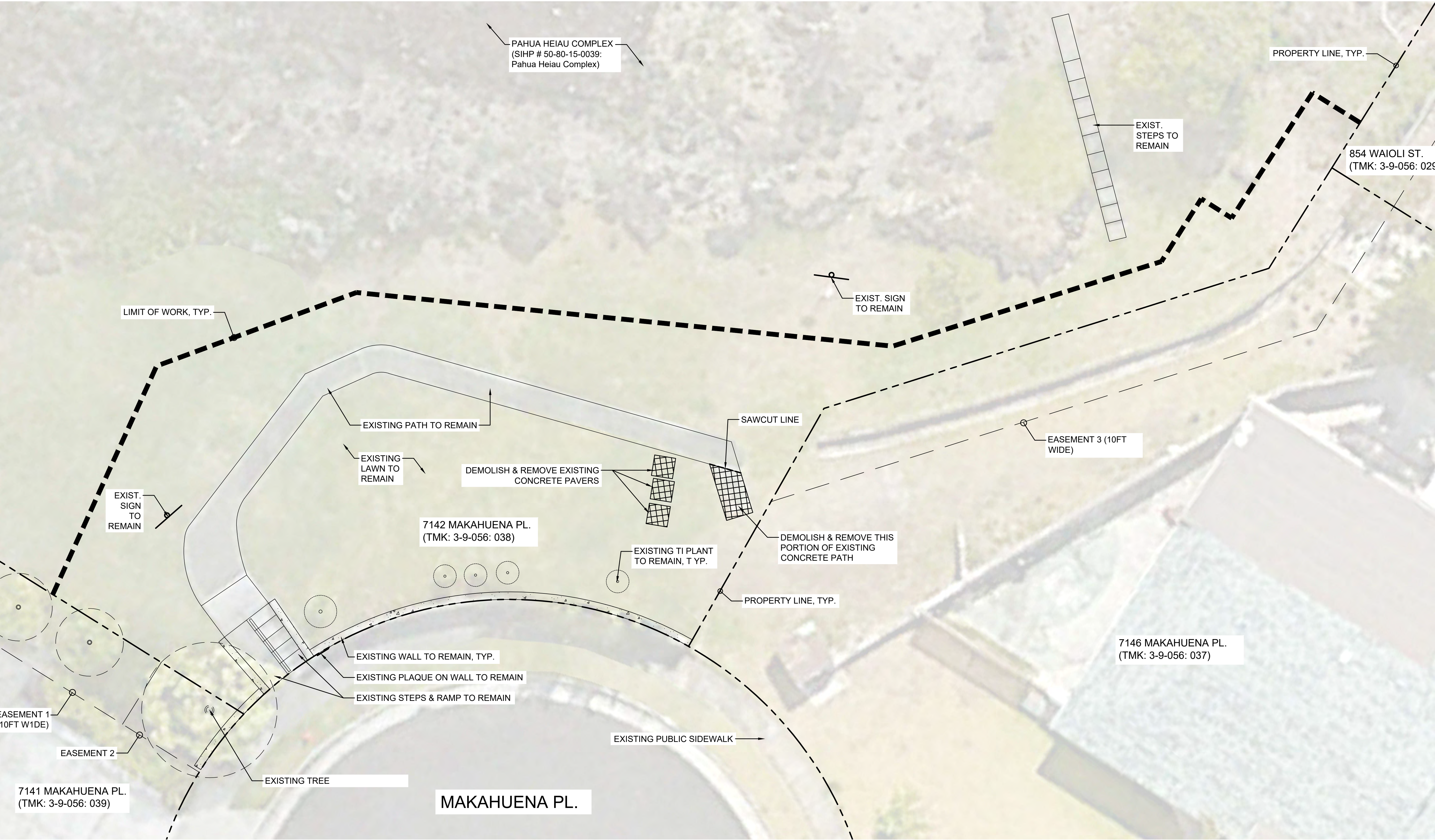
1. PROPERTY LINES AND THE EASEMENTS SHOWN ARE APPROXIMATE AND ARE BASED ON THE PROPERTY TAX PLAT MAP DATED 8/28/1962. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEYING AND VERIFYING EXACT LOCATION OF THE PROPERTY LINE PRIOR TO COMMENCING WORK.

2. ALL WORK SHALL REMAIN WITHIN THE PROJECT'S PROPERTY LINES AND WITHIN THE LIMIT OF WORK DOWNHILL OF PAHUA HEIAU COMPLEX.

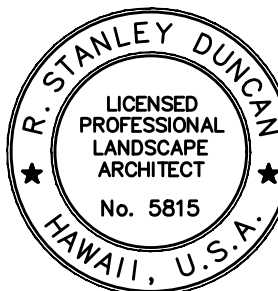
7. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE MEASURE IT WILL TAKE FOR THE CONTROL OF FUGITIVE DUST FROM THE WORKSITE. THE MEASURE MAY INCLUDE BUT NOT BE LIMITED TO THE INSTALLATION OF DUST SCREENS, WATERING OF THE SITE AND FILL MATERIAL BEING PLACED, AND DELAYING WORK IN THE WEEK THAT PREVAILING WIND DIRECTION SHOULD SHIFT.
8. CONTRACTOR SHALL VERIFY IN THE FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO DEMOLITION AND TAKE NECESSARY PRECAUTIONS WHEN EXCAVATING.

9. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL PROTECT ALL UTILITY STRUCTURES AND UNDERGROUND UTILITIES THAT WILL REMAIN DURING DEMOLITION OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES CAUSED DURING DEMOLITION OPERATIONS.

10. IN THE EVENT EXISTING PAVING, WALL, SIGNAGE, OR HARDSCAPE NOT SPECIFICALLY NOTED TO BE DEMOLISHED IS DAMAGED DURING REMOVAL WORK, CONTRACTOR SHALL REPLACE WITH SIMILAR, IN-KIND, AT NO COST TO THE OWNER.



PBR HAWAII
& ASSOCIATES, INC.
1001 BISHOP STREET
505 TOWER, SUITE 600
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WWW.PBRHAWAII.COM



R. Stanley Duncan
Expiration Date of the License: 06/30/22

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PROJECT TITLE

PAHUA HEIAU PUBLIC
VIEWING AREA FENCING

7142 MAKAHUENA PLACE
HONOLULU, HI 96825

TMK 3-9-056: 038

REVISIONS

No./Date	Description
△	
△	

PERMIT SUBMITTAL
11/9/2020

PALEKANA PERMITS
THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ ZPRB (Land Use Ordinance)
☐ Structural (Non-Single/Family Dwellings)

DRAWING TITLE

DEMOLITION PLAN

SCALE:

DRAWN BY:

PBR

CHECKED BY:

SD

PROJECT NO.

3558.01

DRAWING NO.

L003

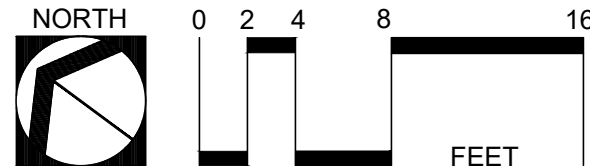
DATE:

11/09/2020

1

DEMOLITION PLAN

1/8" = 1'-0"



1. PROPERTY LINES AND THE EASEMENTS SHOWN ARE APPROXIMATE AND ARE BASED ON THE PROPERTY TAX PLAT MAP DATED 8/28/1962. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEYING AND VERIFYING EXACT LOCATION OF THE PROPERTY LINE PRIOR TO COMMENCING WORK.
2. ALL WORK SHALL REMAIN WITHIN THE PROJECT'S PROPERTY LINES AND WITHIN THE LIMIT OF WORK DOWNHILL OF PAHUA HIAU COMPLEX.
7. REFER TO SHEET L005 FOR FENCE DETAILS, L006 FOR GATE DETAILS.



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PALEKANA PERMITS	
THIRD PARTY CERTIFICATION	
<input type="checkbox"/> Bldg. Code	<input type="checkbox"/> Elec. Code
<input type="checkbox"/> Mech. Code	<input type="checkbox"/> ZPRB (Land Use Ordinance)
<input type="checkbox"/> Structural (Non-Single/2-Family Dwellings)	

FENCE LAYOUT PLAN

SCALE:

DRAWN BY:
PBR

CHECKED BY:

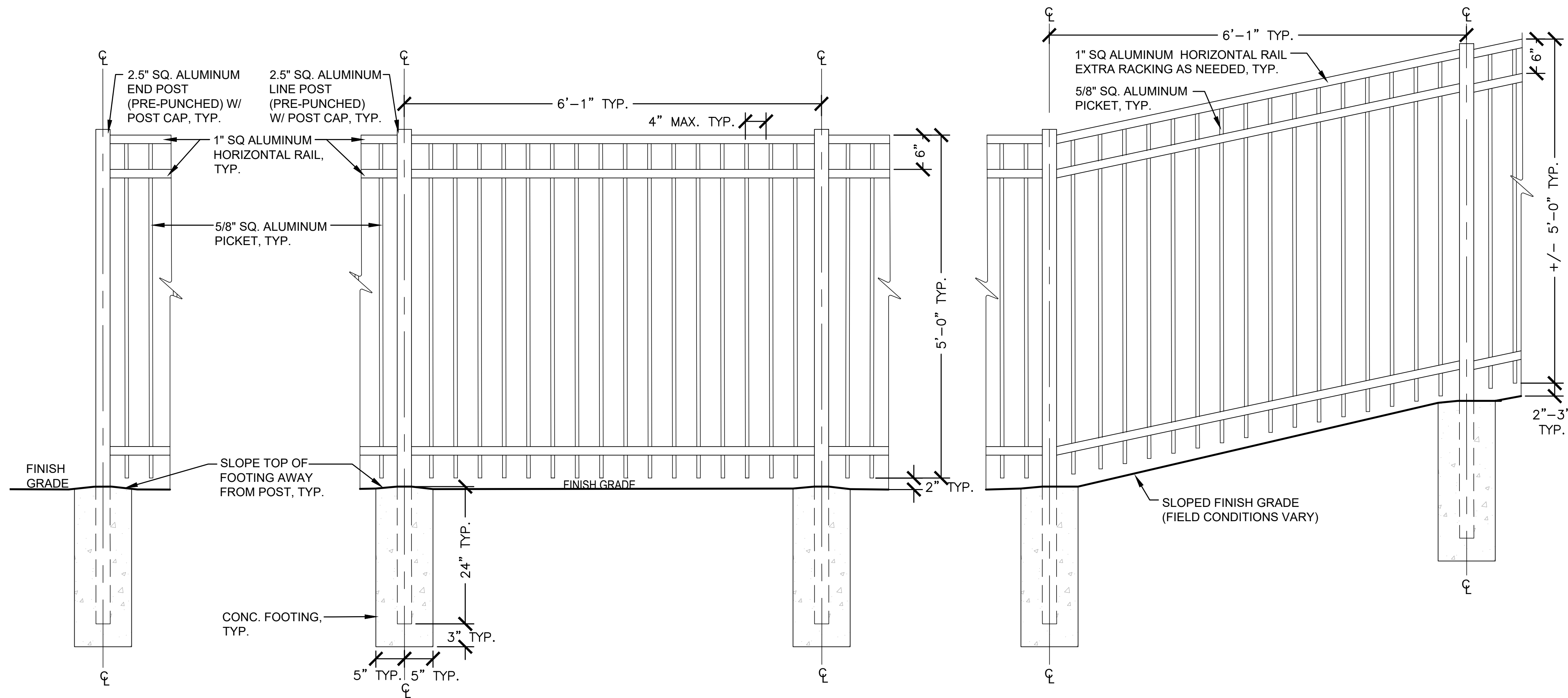
SD

PROJECT NO.
3558.01

DRAWING NO.

DATE:
11/09/2020

004



FENCE POST MATERIAL:
ALUMINUM ALLOY 6005 T5 – MIN. 0.08" THICK

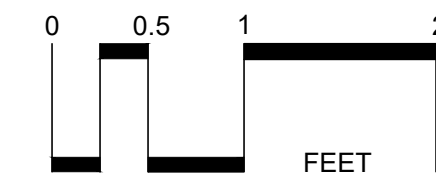
HORIZONTAL RAIL MATERIAL:
ALUMINUM ALLOY 6005 T5 – MIN. 0.06" THICK

PICKET MATERIAL: ALUMINUM ALLOY 6063 T5

FENCE COLOR: BRONZE MATTE

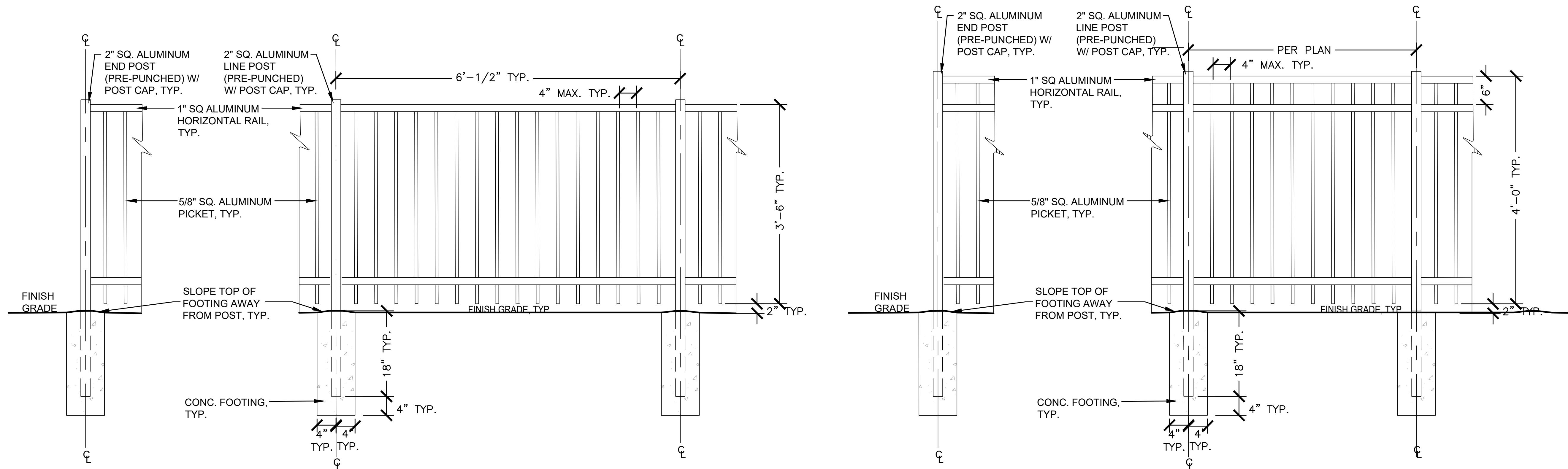
FINISH: POWDERCOAT (W/ RUST-FREE WARRANTY MIN. 10 YEARS)

- NOTES:**
1. SEE L004 FOR FENCE LAYOUT.
 2. PROVIDE PRE-PUNCHED LINE, CORNER, & END POSTS AS NEEDED.
 3. CONTRACTOR SHALL SUBMIT FENCE SHOP DRAWINGS AND COLOR SAMPLES TO LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO ORDERING MATERIALS. SHOP DRAWINGS SHALL INCLUDE RACKABLE PANELS AND/OR STEPPING OF FENCE SECTIONS TO TAKE INTO ACCOUNT OF SLOPING CONDITIONS.
 4. TOP RAIL SHALL BE ABLE TO SUPPORT 250 LBS OF PRESSURE.
 5. PROVIDE MIN. 1 YEAR WARRANTY FOR ALL FENCE INSTALLATION.



1 5FT PERIMETER FENCE DETAIL
1" = 1'-0"

- NOTES:**
1. SEE L004 FOR FENCE LAYOUT.
 2. 3.5FT & 4FT FENCE MATERIAL & FINISH SHALL MATCH 5FT PERIMETER FENCE. REFER TO DETAIL 1 THIS SHEET FOR FENCE MATERIAL & NOTES.



2 FENCE DETAILS
1" = 1'-0"



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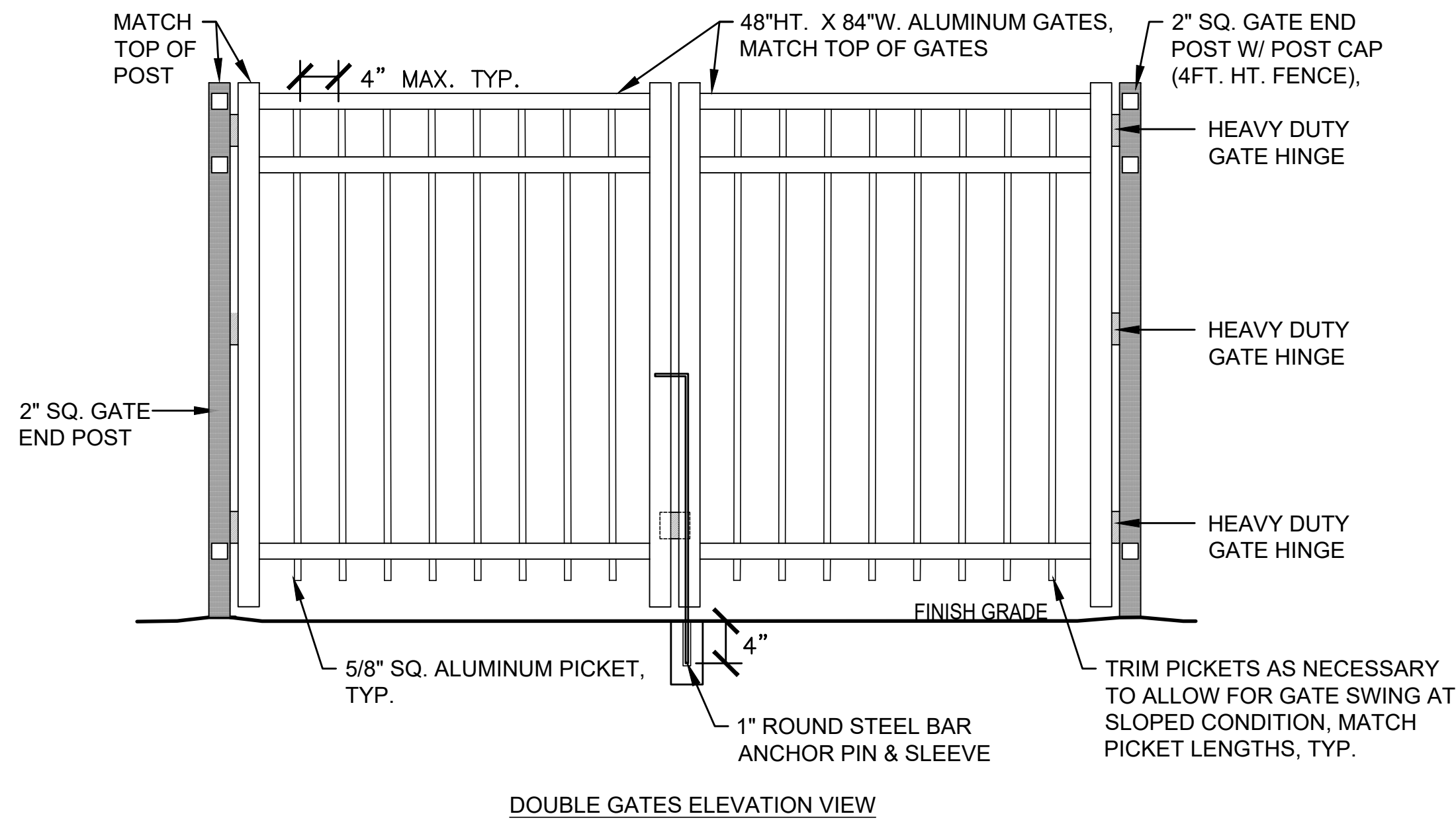
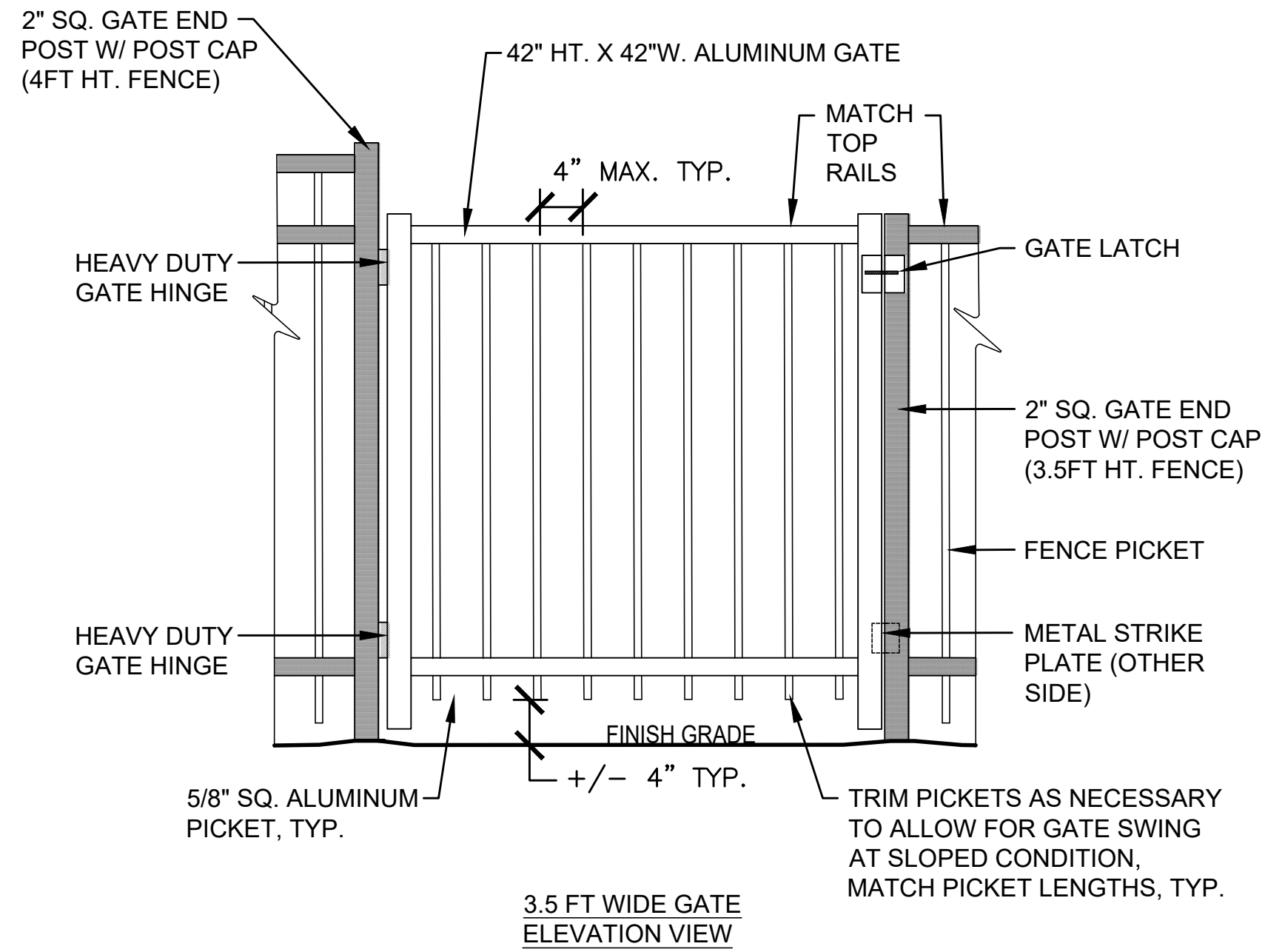
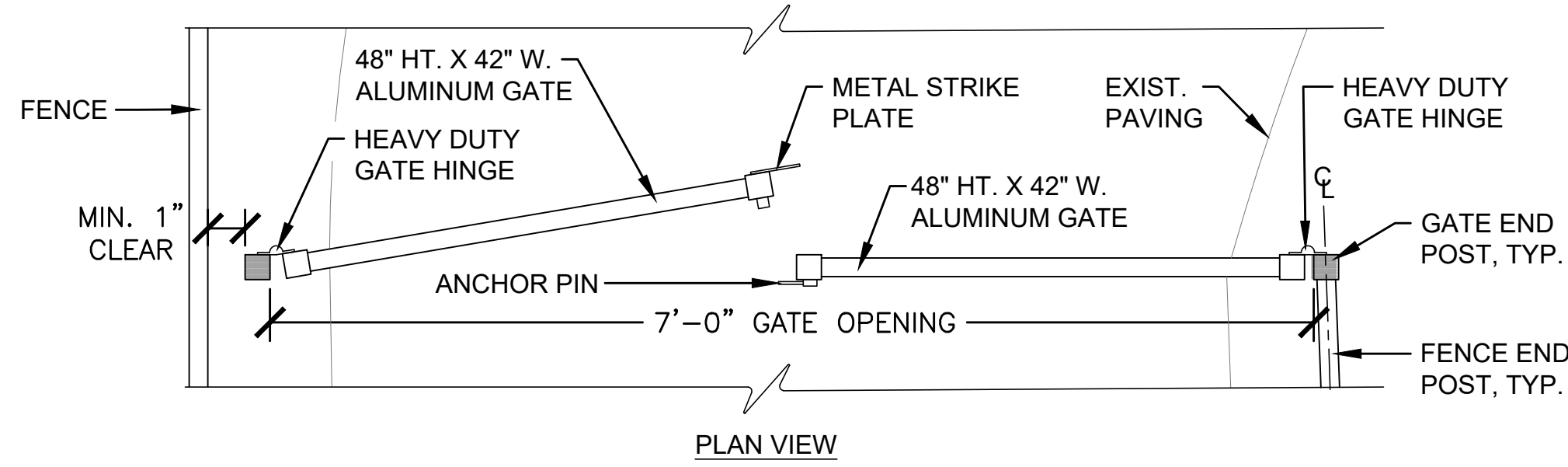
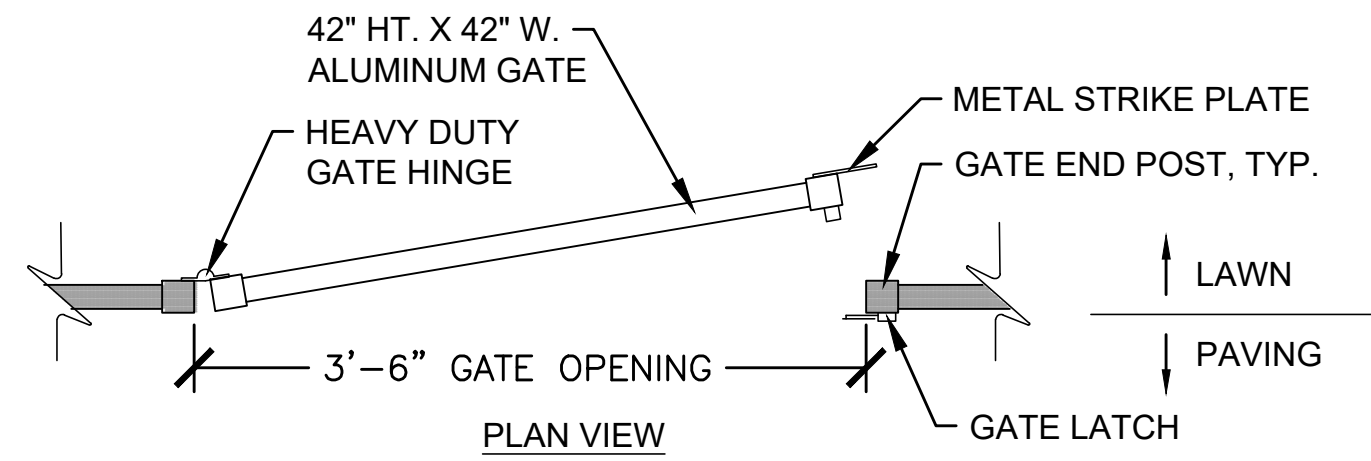
PALEKANA PERMITS THIRD PARTY CERTIFICATION			
<input type="checkbox"/> Bldg. Code	<input type="checkbox"/> Elec. Code	<input type="checkbox"/> Mech. Code	<input type="checkbox"/> ZPRB (Land Use Ordinance)
<input type="checkbox"/> Structural (Non-Single/Family Dwellings)			

DRAWING TITLE

FENCE DETAILS

SCALE:

DRAWN BY: PBR	CHECKED BY: SD
PROJECT NO. 3558.01	DRAWING NO. L005
DATE: 11/09/2020	



1 GATE DETAILS
1" = 1'-0"

GATE POST MATERIAL:
ALUMINUM ALLOY 6005 T5 – MIN. 0.075" THICK

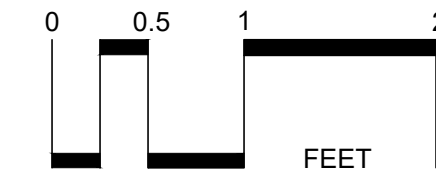
HORIZONTAL RAIL MATERIAL:
ALUMINUM ALLOY 6005 T5 – MIN. 0.06" THICK

PICKET MATERIAL: ALUMINUM ALLOY 6063 T5

GATE COLOR: BRONZE MATTE

FINISH: POWDERCOAT (W/ RUST-FREE WARRANTY MIN. 10 YEARS)

- NOTES:
1. SEE L004 FOR FENCE LAYOUT.
 2. GATE MATERIAL & FINISH SHALL MATCH FENCES. REFER TO DETAIL 1 & 2/ L005 FOR FENCE MATERIAL & NOTES.
 3. CONTRACTOR SHALL SUBMIT GATE SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO ORDERING MATERIALS.
 4. GATE LATCH, HINGES, ANCHOR PIN, AND STRIKE PLATE SHALL BE BLACK IN COLOR, RUST-PROOF AND COMPATIBLE WITH FENCE MATERIAL.
 5. GATE LATCH SHALL BE LOCKABLE, PROVIDE MIN. 2 KEYS FOR KEY LOCK.
 6. USE HYDRALIC ANCHORING CEMENT TO SET ANCHOR PIN SLEEVE IN GROUND.
 7. PROVIDE MIN. 1 YEAR WARRANTY FOR GATE INSTALLATION.



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PERMIT SUBMITTAL 11/9/2020	

PALEKANA PERMITS THIRD PARTY CERTIFICATION	
<input type="checkbox"/> Bldg. Code	<input type="checkbox"/> Elec. Code
<input type="checkbox"/> Mech. Code	<input type="checkbox"/> ZPRB (Land Use Ordinance)
<input type="checkbox"/> Structural (Non-Single/Family Dwellings)	

DRAWING TITLE	
GATE DETAILS	
SCALE:	
DRAWN BY: PBR	CHECKED BY: SD
PROJECT NO. 3558.01	DRAWING NO. L006
DATE: 11/09/2020	