

2025 ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Kapolei, Oahu, Hawaii

Prepared By
GRACE PACIFIC LLC
October 1, 2025



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Appendix E – Aerial Photos and Topographic Map. (4 pages)

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1.0 INTRODUCTION

This Annual Compliance Report has been prepared in compliance with Condition No. 9 of the State Land Use Commission's Findings of Fact, Conclusions of Law, and Decision and Order Approving Motion to Amend, filed and effective on September 9, 2024 (the "Amended Special Use Permit" or "SUP"), and certain conditions of the Decision and Order for the Conditional Use Permit.

This is Grace Pacific's seventeenth annual report demonstrating the status of compliance with the conditions of the SUP and the CUP. This report covers the period from September 9, 2024, through September 9, 2025. However, where appropriate, additional information regarding subsequent activities and correspondence included to provide a more complete understanding regarding the status of certain items.

The reports for the years 2009 through 2016 contained a chronological history of responses to the SUP and CUP Conditions. For the 2017 and future reports, the current year's activity will be reported, and ongoing matters will be supported by the appendices.

The appendices to this report are organized as follows:

- a) Appendix A – Table of Approved Land Use Plans
- b) Appendices B through G - documents relevant to the 2024-2025 report
- c) Appendices H through L – History and Status Reports for ongoing compliance matters.

2.0 ANNUAL COMPLIANCE REPORT FOR THE SPECIAL USE PERMIT (Special Use Permit, Docket No. SP73-147, as amended by the Land Use Commission's Findings of Fact, Conclusions of Law, and Decision and Order, filed and effective on September 9, 2024)

2.1 SUP CONDITION #1

1. *Within six (6) months of the Land Use Commission's Decision and Order approving the Special Use Permit, the Applicant shall submit:*
 - a. *A new site plan with metes and bounds map and description delineating the approximately 541-acre Property, including the boundaries of the quarry excavation and berming areas, the processing site and conveyor tunnel, and the buffer area to the Director of Planning and Permitting for review and approval. The site plan shall also be submitted to the Land Use Commission.*
 - b. *A fire protection and control plan to Honolulu Fire Department for review and approval. A copy of the approved plan shall be submitted to the Director of Planning and Permitting within 30 days of approval.*

2.1.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #1.A

2025. The Site Plan referenced in this condition was approved September 9, 2024 and is included in Appendix B of this report.

2.1.2 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #1.B

2025. The Fire Protection and Control Plan, initially approved on February 17, 2010, remains in effect and is actively implemented. All operations continue to adhere to the approved plan. A summary of approved plans is provided in Appendix A.

2.2 SUP CONDITION #2

2. *Within one (1) year of the Land Use Commission's Decision and Order approving the Special Use Permit, the Applicant shall submit to the Director of Planning and Permitting for review and approval a renaturalization plan in coordination with the proposed Closure Grading Plan for the quarry site and buffer area mauka of the H-1 Freeway showing landscaping details including plant types, sizing and spacing, irrigation facilities and distribution systems.*

2.2.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #2

2025. The Phase I Renaturalization Plan was submitted on November 6, 2009. No new physical renaturalization activities were undertaken in the current reporting period (September 9, 2024, through September 9, 2025), as the designated area (the driving range) is currently being actively quarried. Grace Pacific has engaged a consultant to develop the Phase II Renaturalization Plan, which will be finalized and submitted upon processing of the pending permit amendment request. Historical and status details are provided in Appendix H.

2.3 SUP CONDITION #3 (AMENDED)

<p>3. <i>All resource extraction, related aggregate processing and concrete and asphalt production activities, including recycling activities shall cease by December 31, 2047. Final beneficial re-use plans as approved by the Department of Planning and Permitting shall be implemented immediately upon the cessation of said resource extraction and related quarrying activities.</i></p>
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2.3.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #3

2025. Grace Pacific acknowledges this condition of the Special Use Permit. All quarry operations will cease by the new date of December 31, 2047.

2.4 SUP CONDITION #4

<p>4. <i>The Applicant shall close the processing site on Parcel 4 by relocating all uses on the site into the quarry pit or Campbell Industrial Park by December 31, 2012, and Parcel 4 shall be returned to landscaped open space use within six (6) years of the date of the Land Use Commission's Decision and Order. A landscape plan shall be submitted to the Director of Planning and Permitting for review and approval on the second anniversary date of the Land Use Commission's Decision and Order and the approved landscape plan shall be implemented within one (1) year of its approval. Landscaping shall be maintained in a natural state for the life of the Special Use Permit.</i></p>
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2.4.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #4

2025. Grace Pacific has complied with the core requirement to close the processing site and relocate all industrial uses from Parcel 4 by the December 31, 2012, deadline. The site was subsequently restored to landscaped open space. Current Activity & Path to Compliance: During this reporting period, Grace Pacific is conducting work on Parcel 4 as a temporary, beneficial re-use activity to improve the site's topography and prepare it for its ultimate open space/agricultural purpose. This work involves the beneficial reuse of clean soil imported from the Farrington Highway widening project for final grading. To ensure all

environmental protocols are followed, Grace Pacific submitted a Construction Environmental Hazard Management Plan (C-EHMP) to the Hawaii Department of Health (HDOH). The HDOH Hazard Evaluation and Emergency Response Office approved the C-EHMP on August 20, 2025 (see Appendix K). Work will proceed in strict accordance with this approved plan. Grace Pacific acknowledges this specific activity was not explicitly detailed in the original Special Use Permit. This is a temporary operation. Upon completion of the soil placement and final grading, the site will be fully restored to a stable, landscaped open space condition consistent with the requirements of Condition #4. A history of the Voluntary Response Program (VRP) for the parcel is included in Appendix I of this report.

2.5 SUP CONDITION #5 (AMENDED)

5.	<i>Beginning January 1, 2012, quarry operations shall be limited to the following days/hours:</i>
a.	<i>Quarry excavation, crushing, stockpiling, and recycling facility – 6:00 a.m. to 6:00 p.m., Monday to Saturday.</i>
b.	<i>Operation of ready-mix and hot-mix asphalt plants, receiving recycled materials, equipment maintenance, and sales 24 hours a day, 7 days a week.</i>
c.	<i>Unloading of cold-planed asphaltic concrete during re-paving jobs - 6:00 p.m. to 10:00 p.m., Sunday to Friday.</i>

2.5.1 GRACE PACIFIC’S RESPONSE TO SUP CONDITION #5

2025. Grace Pacific acknowledges this amended condition of the Special Use Permit. While the permit approves 24/7 operation for the ready-mix concrete plant, hot-mix asphalt plant, recycling receiving, equipment maintenance, and sales, market conditions and project demands did not necessitate 24/7 operations during this reporting period. All other operations that were conducted adhered strictly to the hours specified in the permit.

2.6 SUP CONDITION #6

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| 6. <i>Except for quarry, recycling activities in the quarry, and renaturalization activities, the remainder of Tax Map Key: 9-2-03: 74 shall remain in open space buffer for the life of the quarry and related activities. Minor accessory uses or structure may be permitted on Parcel 74 with the express written consent of the Director of Planning and Permitting. Any other uses shall be processed pursuant to Section 205-6. Hawai'i Revised Statutes.</i> |
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2.6.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #6

2025. Grace Pacific acknowledges this condition of the Special Use Permit. The open space buffer is maintained. Regarding the UXO assessment in the Pu'u Makakilo Training area, the FUDS Program's Preliminary Assessment (April 2021) warranted further investigation. Grace Pacific is currently seeking an update from the U.S. Army Corps of Engineers (USACE) on the status of any additional investigations. See Appendix J for the UXO History and Status Report.

2.7 SUP CONDITION #7

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| 7. <i>As may be required by the State Department of Health, the Applicant shall place in service additional dust control measures to control dust generation at the project such that no visible fugitive dust shall cross the combined property boundaries of Tax Map Key: 9-2-03: 74 and 82.</i> |
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2.7.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #7

2025. Grace Pacific acknowledges this condition of the Special Use Permit. A comprehensive dust control program is maintained, including water trucks. No dust complaints were reported to the State Department of Health, Clean Air Branch, during this reporting period (see Appendix C), indicating the effectiveness of our current measures.

2.8 SUP CONDITION #8

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| 8. <i>The Applicant shall, as a result of modifications to the final grading and beneficial re-use plans, submit an update of the drainage plan, prepared by a qualified civil engineer, as may be required by the Director of Planning and Permitting for review and approval.</i> |
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2.8.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #8

2025. Grace Pacific acknowledges this condition of the Special Use Permit. There have been no modifications to the final grading and beneficial reuse plans that would trigger a requirement to submit a revised drainage plan. Grace Pacific will submit an updated plan if such modifications occur in the future.

2.9 SUP CONDITION #9

9. *On each anniversary date of the Land Use Commission's Decision and Order, the Applicant or its successor shall file with the Department of Planning and Permitting and the Land Use Commission a report and supporting documentation demonstrating the status of compliance with each of the conditions of the Special Use Permit approval. Included in the supporting documentation shall be an updated rectified aerial imagery of the quarry, buffer area and processing site and dust control management plan. The following items shall also be a part of the supporting documentation:*
- a. Observations of fugitive dust.*
 - b. A report on replanting activities, including the areas replanted, and the type of vegetation planted.*
 - c. A report of any citizen's complaints relating to the operation along with the actions taken to ameliorate those complaints.*

The Director may present its analysis and recommendations on the annual report to the Planning Commission and the State Department of Health for further action pursuant to the Rules of the Planning Commission.

2.9.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #9

2025. This annual report is being submitted electronically in compliance with this condition. Grace Pacific is providing, September 5, 2025, Makakilo Quarry Digital Orthography, depicted in three areas (Upper Quarry, Lower Quarry, and Overall), and a topographic map with this report submitted electronically in Appendix E.

2.9.2 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #9.A

2025. There were no complaints reported to the State Department of Health, Clean Air Branch for the YTD requested period September 9, 2024, through September 9, 2025. Correspondence from the Clean Air Branch dated August 29, 2025, is attached to this Report as Appendix C.

2.9.3 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #9.B

2025. A History and Status Report of the replanting activities is provided in Appendix F to this Report. No new renaturalization projects were undertaken in the current reporting period September 9, 2024 through September 9, 2025. However, the driving range area continues to be quarried. Grace Pacific has engaged with a consultant to complete the Phase II Renaturalization Plan and will progress once the request for amendment is processed. No new replanting was conducted this period as the relevant area is under active excavation. Progress continues the development of the Phase II Renaturalization Plan with our consultant. The history and status of renaturalization efforts are detailed in Appendix H.

2.9.4 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #9.C

2025. During the reporting period, the Grace Pacific Makakilo Quarry community hotline received a total of 18 logged complaints and inquiries. The issues raised fell into two primary categories: trespassing by dirt bikes and fugitive dust concerns.

1. Trespassing and Unauthorized Access: The most frequent issue, comprising 9 of the 18 calls, involved reports of individuals trespassing on quarry property to operate dirt bikes. These complaints were received from multiple residents and were concentrated in the latter part of 2024 and early 2025. In response, Quarry Operations implemented a series of escalating measures, including:

- Immediate dispatch of patrols to locate trespassers.
- Inspection and repair of perimeter fencing.
- Increased frequency of security patrols, including on weekends.
- Evaluation of long-term security enhancements, such as motion sensors and cameras.

2. Fugitive Dust: A series of 9 complaints were logged in July and August 2025 by a single resident regarding fugitive dust. The Quarry's Environmental Health and Safety (EHS) team and site contractors responded promptly to each concern by:

- Conducting site visits to assess conditions.
 - Verifying and adjusting dust control measures, including water truck application rates and schedules.
 - Monitoring weather conditions, particularly wind speed and direction.
 - Deploying street sweepers to clean adjacent roads.
 - Implementing daily dust monitoring to ensure effectiveness of mitigation efforts.
- Internal observations confirmed that control measures were in place and operational during the complained-of periods.

All complaints were investigated promptly, and appropriate actions were taken to address the concerns raised. The hotline log demonstrates the company's

commitment to responding to and documenting community feedback, as required by the Special Use Permit.

The community hotline log is provided in Appendix D.

2.10 SUP CONDITION #10

10. *The Applicant shall provide a beneficial re-use plan for lands disturbed by its quarry operations. The plan shall include planning and preparation of the design and implementation scenarios for the beneficial re-use of the pit area consistent with established land use policies for the site and surrounding area. The re-use planning document and accompanying scenarios and drawings shall be submitted to the Department of Planning and Permitting, for review and approval within the fifth (5th) year after the date of the Land Use Commission's Decision and Order approving this expansion. An updated re-use plan shall be submitted to the DPP for review and approval every five (5) years thereafter. The beneficial re-use planning and design document shall be an ongoing document prepared by a professional qualified in re-use planning and contain objectives, implementation and funding strategies for reclamation of the pit area for the purpose of achieving the area's long term land use policies. The Applicant will update the plan, as may be required by the Director of Planning and Permitting, to respond appropriately to any changes in the surrounding area's land use policies.*

The beneficial re-use plan shall include at least one public access across Tax Map Key: 9-2-03: 74, connecting Tax Map Key: 9-2-03:81 and the extension of Makakilo Drive, across the project in which safe pedestrian/bicycling passage can be established. Access requirements, such as but not limited to, subdivision, nature of improvements, routing, hours accessible, shall be established as part of the final beneficial re-use plan. Suggested routing of the public access is shown on Exhibit A.

2.10.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #10

2025. The most recent Beneficial Re-use Plan was submitted on August 31, 2022. Grace Pacific is actively exploring various re-use scenarios and is in the process of updating the plan as part of the ongoing amendment request for the CUP. The history and status are documented in Appendix K.

2.11 SUP CONDITION #11

11. *Approval of this Special Use Permit does not constitute compliance with other land use ordinances or governmental agencies' requirements. They are subject to separate review and approval. The Applicant shall be responsible for insuring that the final plans for the project approved under this permit comply with all applicable provisions*

of the Land Use Ordinance and other governmental agencies' provisions and requirements.

2.11.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #11

2025. Grace Pacific acknowledges this condition of the Special Use Permit. All operations remain in compliance with applicable ordinances and agency requirements.

2.12 SUP CONDITION #12

12. The Applicant and/or landowner shall notify the Director of Planning and Permitting and the Land Use Commission of any changes in uses on the Property; termination of any uses on the Property; and/or transfer in ownership of the Property or any uses on the Property. The Planning Commission shall then, in consultation with the Director of Planning and Permitting, determine the appropriate disposition of this Special Use Permit and facilities.

2.12.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #12

2025. Grace Pacific acknowledges this condition of the Special Use Permit. All operations remain in compliance with applicable ordinances and agency requirements.

2.13 SUP CONDITION #13

13. In the event of noncompliance with any of the conditions set forth herein, the Director of Planning and Permitting may terminate all uses approved under this Special Use Permit or the Director may declare this Special Use Permit null and void or seek available civil procedures to enforce compliance.

2.13.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #13

2025. Grace Pacific acknowledges this condition of the Special Use Permit. All operations remain in compliance with applicable ordinances and agency requirements.

2.14 SUP CONDITION #14

14. *The Applicant shall, for the life of the Special Use Permit, establish and disclose to the community, a telephone number dedicated to receiving and recording complaints relating to quarry and recycling operations. A continuous volume of complaints shall warrant reconsideration of the Special Use Permit by the Planning Commission.*

2.14.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #14

2009-2025. The Makakilo Quarry Hotline (671-GRACE / 671-4722) remains active, publicly disclosed on our website (www.gracepacific.com), and is monitored for community inquiries and complaints. All calls are logged in and addressed promptly. The log for this period is included as Appendix D.

2.15 SUP CONDITION #15 (AMENDED)

15. *The uses in the quarry excavation area shall be limited to rock excavation, crushing, stockpiling, a new hot-mix asphalt plant, recycling of concrete rubble, glass, and asphaltic concrete pavement, equipment maintenance, employee support, parking, administration, and a water well and pump. No other uses shall be permitted without the approval of the Land Use Commission.*

2.15.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #15

2025. Grace Pacific acknowledges this amended condition of the Special Use Permit. The permitted uses within the quarry excavation area include the operation of the new hot-mix asphalt plant and the ready-mix concrete batching plant.

2.16 SUP CONDITION #16

16. *The Applicant shall establish the quarry expansion in substantial compliance with the representations made to the Land Use Commission in obtaining the Land Use Commission Special Use Permit. Failure to do so may result in the revocation of the permit.*

IT IS FURTHER ORDERED that the conditions imposed by the LUC on March 23, 1973, in this docket that are applicable to the sanitary landfill operations shall remain in full force and effect.

2.16.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #16

2025. Grace Pacific acknowledges this condition of the Special Use Permit and is in compliance with all representations made to the LUC. Operations related to the historic sanitary landfill (Palailai) are maintained in accordance with the original 1973 conditions. A maintenance history and status report are provided in Appendix L.

2.17 SUP CONDITION #17 (NEW)

17. *The Applicant shall submit for review and approval from the Director of the DPP, an outdoor lighting plan showing all existing and proposed outdoor lighting fixtures and their correlated color temperature being at or below 3000 Kelvin. The portable generator lighting systems are to be located on the southern side of each work area so floodlights will only be pointed towards berms or walls in the north, east, and west direction, away from Kapolei. The outdoor lighting plan shall also include a photometric plan showing that the spread of light from the exterior lighting in the quarry is fully shielded to prevent glare and light spillage onto surrounding lots and public rights-of-way. Lighting for nighttime operations shall be directed away from adjoining residential uses and be turned off upon completion. The outdoor lighting plan shall apply that nighttime lighting, when not in use, shall be turned off.*

2.17.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #17

2025. Grace Pacific engaged a consultant to prepare the required Outdoor Lighting Plan. The plan was determined that it met the above-referenced criteria from the Department of Planning and Permitting Director dated June 18, 2025. See Appendix F to this Report

2.18 SUP CONDITION #18 (NEW)

18. *The Applicant shall submit a traffic circulation plan for review and approval by the Director of the DPP to ensure that all truck loading and truck circulation in the quarry pit and throughout the quarry operational area need not reverse, thereby triggering their safety alarms during nighttime (dusk to dawn) operations. Trucks with safety alarms will be outfitted with the "white noise" sounding alarms.*

2.18.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #18

2025. Grace Pacific has prepared the required Traffic Circulation Plan. The plan was determined that it met the above-referenced criteria from the Department of Planning and Permitting Director dated June 18, 2025. See Appendix G to this report.

2.19 SUP CONDITION #19 (NEW)

19. *Prior to conducting quarry excavations in the proposed excavation expansion area, the Applicant shall submit written correspondence to the DPP that an archaeological inventory survey ("AIS") has been accepted in writing by the State Historic Preservation Division ("SHPD") which indicates that the quarry excavation process in the proposed excavation process in the proposed excavation expansion area may proceed. The Applicant shall implement the approved mitigation protocols identified in the AIS as well as comply with all relevant provisions of the Hawai'i Revised Statutes, Hawai'i Administrative Rules, and other laws applicable to historic properties, including burials, identified within the proposed excavation expansion area.*

2.19.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #19

2025. No quarry excavations have been initiated in the proposed excavation expansion area as of September 30, 2025. Grace Pacific will not commence excavation in this area until an Archaeological Inventory Survey (AIS) has been completed and accepted in writing by SHPD, and written correspondence of this acceptance has been submitted to the DPP.

2.20 SUP CONDITION #20 (NEW)

20. *Applicant shall comply with all relevant provisions of the Hawai'i Revised Statutes, Hawai'i Administrative Rules, and other laws applicable to historic properties, including burials, identified within the proposed excavation expansion area. Include dissemination of information to community members regarding other required environmental testing (and their results) in normal due diligence within the proposed expansion area as they relate to identified historic properties for the proposed expansion and planned changes to operations during annual reports and Planning Commission presentations pursuant to Condition No.9 above. The Applicant shall continue community consultation regarding potential impacts and mitigation plans for any identified historic properties throughout the duration of the Project and convey information about impacts to any identified historic properties in annual reports and Planning Commission presentations pursuant to Condition No. 9 above.*

2.20.1 GRACE PACIFIC'S RESPONSE TO SUP CONDITION #20

2025. Grace Pacific acknowledges this condition and is committed to full compliance with all laws regarding historic properties. No historic properties were identified or impacted during the reporting period ending September 30, 2025. We will integrate the community consultation and reporting on these matters as required in future annual reports.

3.0 ANNUAL COMPLIANCE REPORT FOR THE CONDITIONAL USE PERMIT-MAJOR (CUP-M) No. 2024/CUP-28 (Approved April 14, 2025)

Introduction: This section documents compliance with the conditions of approval set forth by the City and county of Honolulu Department of Planning and Permitting (DPP) in its Findings of Fact, Conclusions of Law, and Decision and Order for CUP-M File No. 2024/CUP-28, approved on April 14, 2025. This permit supersedes and replaces the previous Conditional Use Permit, No. 2007/CUP-91, dated July 17, 2009.

3.1 CUP CONDITION #1

1. *Operation of the resource extraction facility and accessory uses must be in general conformance with the approved Project, as described herein and shown in Exhibit C. Any modification to the Project and/or plans shall be processed in accordance with ROH Section 21-2.20(k). Major modifications shall require a new CUP.*

3.1.1 GRACE PACIFIC'S RESPONSE TO CUP CONDITION #1

2025. All quarry operations conducted during the 2025 reporting period were in general conformance with the project description and exhibits approved under CUP-M No. 2024/CUP-28. No modifications to the approved project were undertaken.

3.2 CUP CONDITION #2

2. *Every five years from the date of this Decision and Order, the Applicant shall submit a beneficial reuse plan to the DPP. The plan must show how the property will eventually be left in a form suitable for reuse for purposes permissible in the district. Among items to be included in the plan are feasible circulation patterns in and around the site, the treatment of exposed soil or subsoil, measures to replace topsoil or establish vegetation in excavated areas, treatment of slopes to prevent erosion, and delineation of floodways and floodplains (if any) to be maintained in open usage. Submittal of the beneficial reuse plan under Condition 12 of the LUC Decision and Order, dated November 7, 2008, may satisfy the requirements of this condition (providing the reuse plan complies with ROH Section 5.520, Specific Use Development Standards, for Resource Extraction).*

3.2.1 GRACE PACIFIC'S RESPONSE TO CUP CONDITION #2

2025. The next five-year submittal of a Beneficial Reuse Plan is due by April 14, 2030. Development of the plan is ongoing. Progress made during this reporting period toward the eventual goals of reclamation and reuse is documented in the Land Use Commission (LUC) section of this report.

3.3 CUP CONDITION #3

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| 3. | <i>Prior to the issuance of a building permit for any structures within and/or the relocation of any structures to the Project Site, the Applicant shall submit to the director for review and approval:</i> |
| a) | <i>A site plan showing compliance with all development standards of ROH Chapter 21, including but not limited to, parking and loading.</i> |
| b) | <i>An outdoor lighting plan showing all existing and proposed outdoor lighting fixtures. All exterior lighting shall be fully shielded to prevent glare and light spillage on surrounding lots and public rights-of-way. Lighting for unloading of cold-planed asphalt shall be directed away from adjoining residential uses and be turned off upon completion of unloading operations.</i> |
| c) | <i>A traffic circulation plan to ensure that all truck loading and truck circulation in the quarry pit and throughout the quarry operational area need not reverse, thereby triggering their safety alarms during nighttime (dusk to dawn) operations. Trucks with safety alarms must be outfitted with the "white noise" sounding alarms.</i> |

3.3.1 GRACE PACIFIC'S RESPONSE TO CUP CONDITION #3. A, B, AND C

2025. Grace Pacific acknowledges Conditional Use Permit Condition #3. We confirm that the requirements have been met as follows:

Condition 3.a: See Appendix B of this report

Condition 3.b: The required outdoor lighting plan was prepared by a consultant, submitted to the Department of Planning and Permitting (DPP), and formally approved by the DPP Director in a letter dated June 18, 2025. See Appendix F of this report

Condition 3.c: The required traffic circulation plan was prepared, submitted to the DPP, and formally approved by the DPP Director in a letter dated June 18, 2025. See Appendix G of this report.

3.4 CUP CONDITION #4

- | | |
|----|---|
| 4. | <i>Prior to relocating the hot-mix asphalt plant to the quarry pit, the Applicant shall obtain approval of a Zoning Variance or provided plans that show plant meets all applicable development standards</i> |
|----|---|

3.4.1 GRACE PACIFIC'S RESPONSE TO CUP CONDITION #4

2025. The Zoning Variance required for the relocation of the hot-mix asphalt plant is currently in process. A public hearing for Application No. 2025/VAR-2 was held on August 22, 2025. Final approval from the Department of Planning and Permitting is pending as of the end of this reporting period, September 30, 2025.

3.5 CUP CONDITION #5

5. <i>The applicant shall stabilize exposed soils during the construction of any berms to minimize runoff impacts to the area's natural drainage features. Landscaping of any berms shall commence within 30 days of completion of berm construction.</i>

3.5.1 GRACE PACIFIC'S RESPONSE TO CUP CONDITION #5

2025. Full Compliance. All berm construction activities complied with this condition. Erosion control measures were implemented, and landscaping was completed within the required 30-day timeframe.

3.6 CUP CONDITION #6

6. <i>Blasting shall be restricted to the hours of 8:00 a.m. to 12 p.m., Monday through Friday.</i>

3.6.1 GRACE PACIFIC'S RESPONSE TO CUP CONDITION #6

2025. Full Compliance. All blasting events during the reporting period were conducted within the permitted window. Seismograph readings and blast logs are maintained as part of our internal compliance records.

3.7 CUP CONDITION #7

7. <i>This application has only been reviewed and approved pursuant to the provisions of Section 21-5.520 (Resource Extraction), and its approval shall not constitute compliance with the requirements of other governmental agencies. These are subject to separate review and approval. The application shall be responsible for insuring that the final plans for the project approved under this permit comply with all applicable government agencies' provisions and requirements, including compliance with all other provisions of the Land Use Ordinance.</i>

3.7.1 GRACE PACIFIC'S RESPONSE TO CUP CONDITION #7

2025. Grace Pacific acknowledges this condition of the Conditional Use Permit.

3.8 CUP CONDITION #8

8. *The applicant and/or landowner shall submit written notification to the Director of DPP of any changes in use, including the addition of any accessory uses and/or structure, termination of any use on the property; and/or transfer in ownership of the property or of any use on the property. In the case of any addition and/or change in use, the Director shall determine if the proposed change requires a minor or major modification of the Conditional Use Permit. In the event of a change in ownership, the Director shall notify the new owner (by copy of this report) that the site and/or facility is permitted and/or governed by the Conditional Use Permit, and that compliance with all conditions of approval is required.*

3.8.1 GRACE PACIFIC'S RESPONSE TO CUP CONDITION #8

2025. Grace Pacific has fully complied with the requirements for Parcel 4. The site has been restored to landscaped open space. During this reporting period, Grace Pacific is utilizing Parcel 4 for a temporary, beneficial re-use activity. The property accepts clean soil generated from the State's Farrington Highway widening project. This activity serves a dual purpose: (1) it provides a necessary and convenient disposal solution for a public works project, and (2) the material is being used to conduct final grading and improve the site for its ultimate open space/agricultural purpose. This is a temporary operation. Upon completion of the soil placement and final grading, the site will be fully restored to a stable, landscaped open space condition consistent with the requirements of Condition #4 and its underlying agricultural zoning. Our long-term intention to formally remove the restored Parcel 4 from the SUP remains unchanged. A history of the Voluntary Response Program (VRP) for the parcel is included in Appendix I of this report.

3.9 CUP CONDITION #9

9. *The Director may modify the conditions of this permit by imposing additional conditions, modifying existing conditions, or deleting conditions deemed satisfied upon a finding that circumstances related to the approved project have significantly changed so as to warrant a modification to the conditions of approval. In the event of the noncompliance with any of the conditions set forth herein, the Director may terminate all uses approved under this permit or halt their operation until all conditions are met or may declare this Conditional Use Permit null and void or seek civil enforcement.*

3.9.1 GRACE PACIFIC'S RESPONSE TO CUP CONDITION #9

2025. Grace Pacific acknowledges this condition of the Conditional Use Permit. Full Compliance. No actions were taken by the DPP Director under this condition during this reporting period, as there were no instances of noncompliance. No circumstances have

arisen that would constitute a "significant change" warranting a modification to the conditions.

----- End of 2025 Annual Report -----

ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Kapolei, Oahu, Hawaii

2025

Appendix A

Table of Approved Plans

(2 pages)

Grace Pacific LLC
Makakilo Quarry 2025 Annual Compliance Report

Table of Approved Plans

Permit, Condition No.	Name of Plan	Submitted (Report Year, Appendix)	Approved (Report Year, Appendix)	Comments (Report Year, Appendix)
SUP 1a	Site Plan (metes & bounds)	2012, app B	2013, app D	2025, app B for current reference
SUP 1b	Fire Protection & Control Plan	2010, app D	2010, app D	2012, app G (firebreaks); 2025, app A for table reference
SUP 2	Renaturalization Plan	2014, App J	2015, App C (Phase I)	2022 app F for history and update; 2025, app H for history/status; Phase II in development
SUP 4	Landscape Plan (Parcel 4)	2013, App T	2014, app C	2025, app I for VRP history/status; Condition met
SUP 8	Drainage Plan	Planning Commission Record, Ex 21		2017 app J for March 2008 Engineering Report; No update required in 2025
SUP 10	Beneficial Re-use Plan (BRP)	2014, app L	2015, app C	2022 app I for history and update and 2022 app K for August 2022 BRP; 2025, app K for history/status; Update in progress
SUP 17	Outdoor Lighting Plan	2025, app F	2025, app F (Approved by DPP 6/18/2025)	New for 2025 Report
SUP 18	Traffic Circulation Plan	2025, app G	2025, app G (Approved by DPP 6/18/2025)	New for 2025 Report

CUP 2	Final Grading Plan (Grading Closure Plan)	2009, app J	2010, app A	
CUP 3	Beneficial Re-use Plan	2014, app L	2015, app C	2022 app I for history and update; 2025, app K for cross-reference
CUP 4a	Site Plan (LUO)	2012, app B		2022 app B
CUP 4b	Water Source & Distribution Plan	2011, app G		
CUP 4c	Outdoor Lighting Plan	2013, app D 2013, app G 2022, app		2014, app D and 2022, app L for July 2022 Lighting Assessment Report; Superseded by SUP 17

ANNUAL COMPLIANCE REPORT

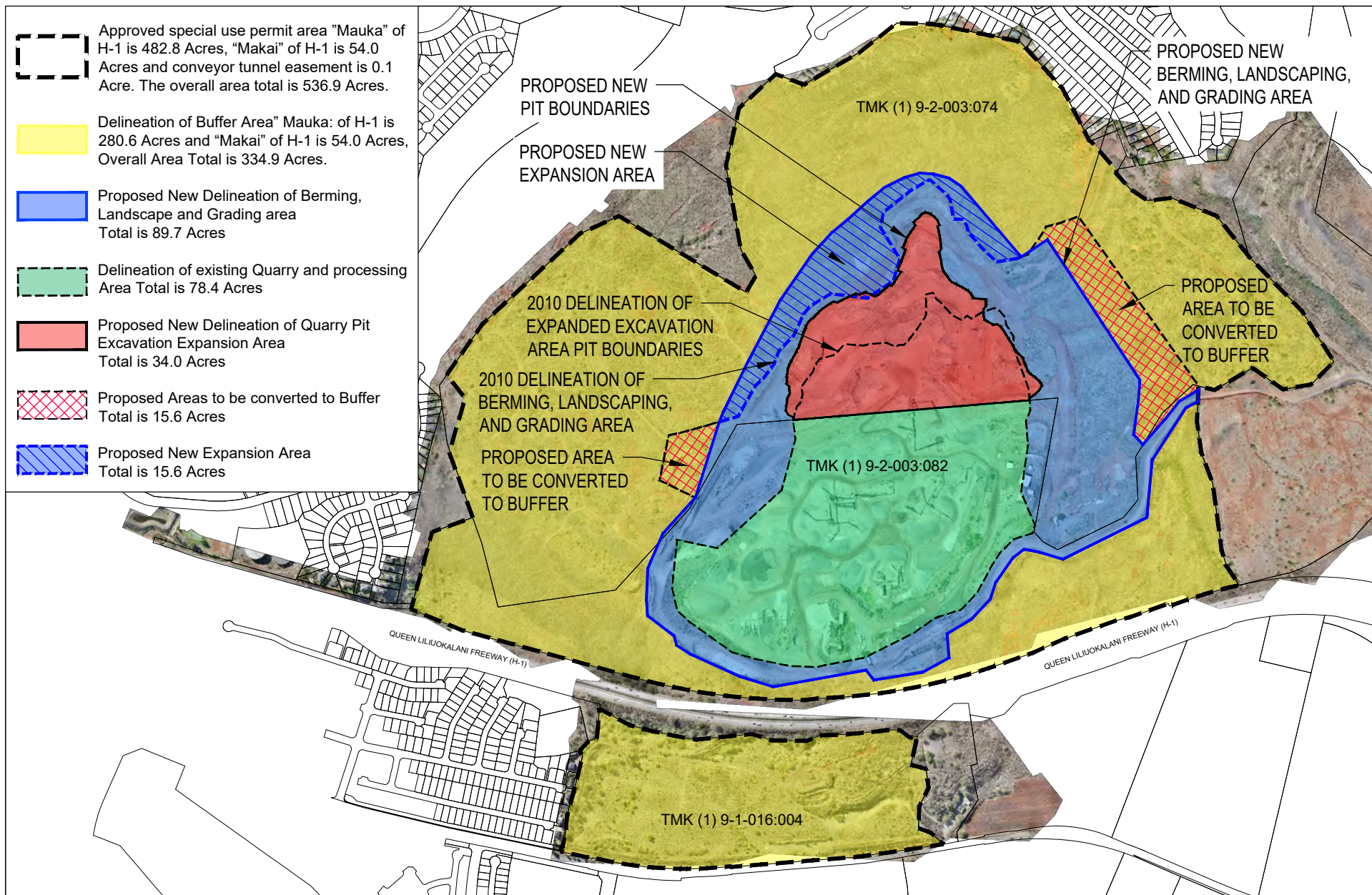
Makakilo Quarry, Kapolei, Oahu, Hawaii

2025

Appendix B

Site Plan

(5 pages)



Aerial Imagery date: September 29, 2022

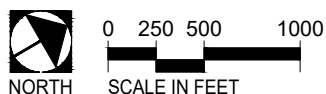


Exhibit "B-2"

Makakilo Quarry
APPROVED EXPANSION AREA
September 2024



Aerial Imagery date: September 29, 2022

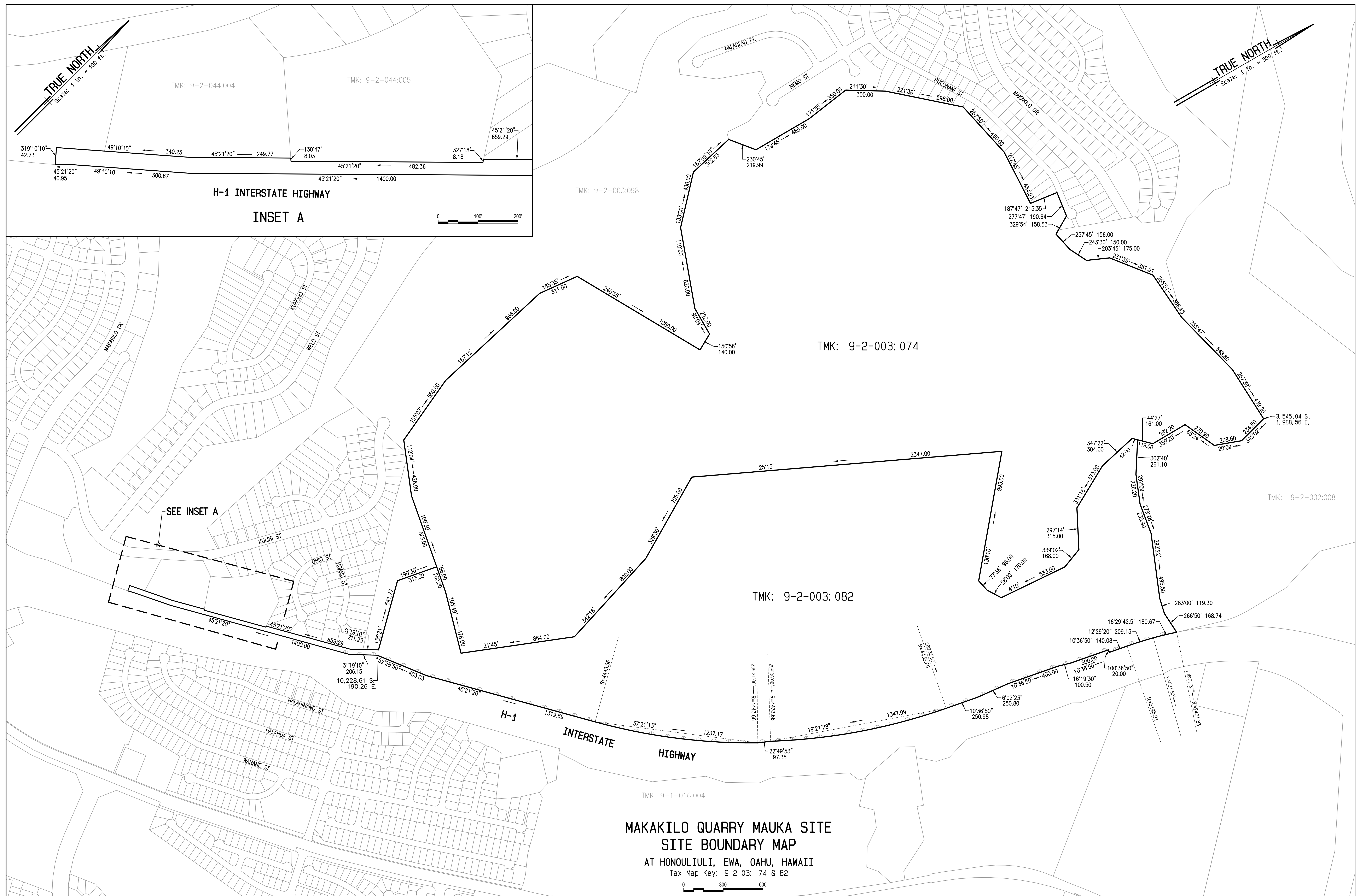


NORTH

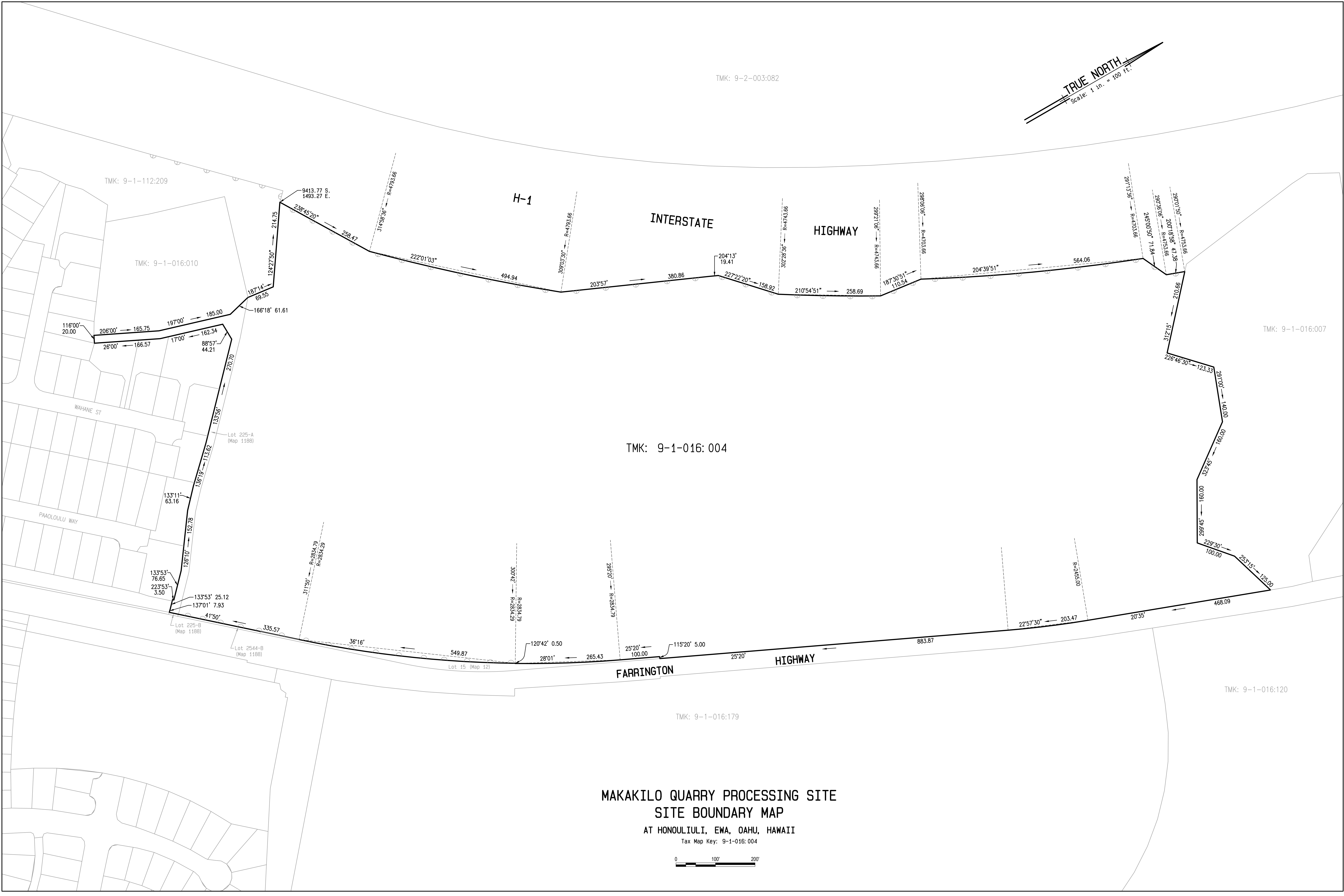
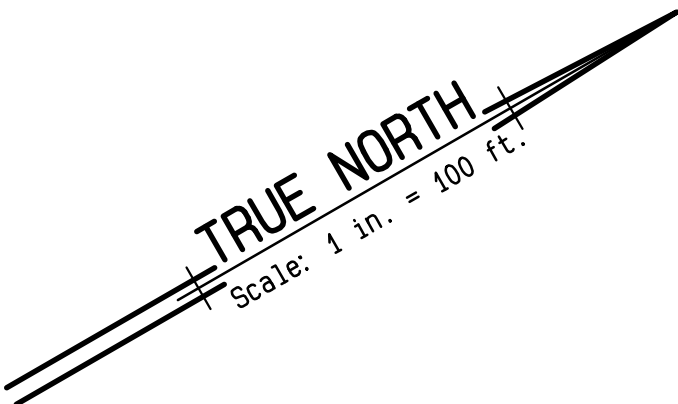
0 250 500 1000
SCALE IN FEET

EXHIBIT "B-3"

Makakilo Quarry
CURRENT STATUS
September 2025



TMK: 9-2-003:082



TMK: 9-1-016: 004

MAKAKILO QUARRY PROCESSING SITE
SITE BOUNDARY MAP
AT HONOLULU, EWA, OAHU, HAWAII
Tax Map Key: 9-1-016: 004



ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Kapolei, Oahu, Hawaii

2025

Appendix C

Correspondence from State of Hawaii Clean Air Branch
dated August 29, 2025

(3 pages)

REQUEST TO ACCESS A GOVERNMENT RECORD

This is a model form that may be used by a Requester to provide sufficient information for an agency to process a record request. Although the Requester is not required to use this form or to provide any personal information, the agency needs enough information to contact the Requester with questions about this request or to provide its response. This request may not be processed if the agency has insufficient information or is unable to contact the Requester.

DATE: 8/29/25

TO: Department of Health Clean Air Branch
Agency that Maintains the Government Record
(808) 586-4400
Agency's Contact Information

FROM: Grace Pacific LLC - Jarred Hernden - jhernden@gracepacific.com
Requester's Name or Alias
(808) 674-8383 / (808) 291-8051
Requester's Contact Information

AS THE REQUESTER, I WOULD LIKE THE FOLLOWING GOVERNMENT RECORD:

Describe the government record as specifically as possible so that it can be located. Try to provide a record name, subject matter, date, location, purpose, or names of persons to whom the record refers, or other information that could help the agency identify the record. A complete and accurate description of the requested government record will prevent delays in locating the record. Attach additional pages if needed.

Grace Pacific LLC CSP No. 0045-01C/CT

Grace Pacific is requesting access to any air quality complaints made against Makakilo Quarry from 10/01/24 to 08/29/25. Please provide any available complaint reports. If no complaints were made, please send an email confirming this.

I WOULD LIKE: (Please check one or more of the options below, as applicable)

- ☐ **To inspect the government record**
- ☐ **A copy of the government record:** (Please check only one of the options below.) See the next page for information about fees and costs that you may be required to pay for agency services to process your record request. Note: Copying and transmission charges may also apply to certain options.
- ☐ Pick up at agency (date and time): _____
- ☐ Mail (address): _____
- ☐ E-mail (address): _____
- ☐ Fax (toll free and only if available; provide fax number): _____
- ☐ Other, if available (please specify): _____
- ☒ If the agency maintains the records in a form other than paper, please advise in which format you would prefer to have the record.
- ☒ Electronic ☐ Audio ☐ Other (please specify): _____
- ☐ Check this box **if you are attaching a request for waiver of fees in the public interest** (See waiver information on next page).

FEES FOR PROCESSING PUBLIC RECORD REQUESTS

You may be charged fees for the services that the agency must perform when processing your request for public records, including fees for making photocopies and other lawful fees. **The first \$30 of fees charged for searching for a record, reviewing, and segregating will not be charged to you. Any amount over \$30 will be charged to you.** Fees are as follows:

Search for a Record	\$2.50 for 15 minutes
Review and Segregation of a Record	\$5.00 for 15 minutes

Generally, no search, review, and segregation fees may be charged if you are making a request for personal records that are about you.

WAIVER OF FEES IN THE PUBLIC INTEREST

As an alternative to the \$30 fee waiver (not in addition to), the agency may waive the first \$60 of fees for searching for, reviewing and segregating records when the waiver would serve the public interest. If you wish to apply for a waiver of fees in the public interest, you must attach to this request a statement of facts, including your identity as the requester, to show how the waiver of fees would serve the public interest. The criteria for this waiver, found at section 2-71-32, Hawaii Administrative Rules, are

- (1) The requested record pertains to the operations or activities of an agency;
- (2) The record is not readily available in the public domain; and
- (3) The requester has the primary intention and the actual ability to widely disseminate information from the government record to the public at large.

COSTS

The Agency may charge you any other lawful fees and the costs to copy and deliver your personal or public record request.

AGENCY RESPONSE TO YOUR REQUEST FOR ACCESS

The agency to which you addressed your request must respond within a set time period. The agency will normally respond to you within 10 business days from the date it receives your request; however, in *extenuating circumstances*, the agency must respond within 20 business days from the date of your request. If you have questions about the response time or the records being sought, you should first contact the agency and request to consult with the agency's UIPA contact person.

Please note that the Office of Information Practices (OIP) does not maintain the records of other agencies and a requester must seek records directly from the agency. If the agency denies or fails to respond to your written request for records or if you have other questions regarding compliance with the UIPA, then you may contact OIP at 808-586-1400, oip@hawaii.gov, or 250 South Hotel Street, Suite 107, Honolulu, Hawaii 96813.

REQUESTER'S RESPONSIBILITIES

You have certain responsibilities under section 2-71-16, Hawaii Administrative Rules, which include making arrangements to inspect and copy records, providing further clarification or description of the requested record as instructed by the agency's notice, and making a prepayment of fees and costs, if assessed. The rules and additional training materials are available online at oip.hawaii.gov or from OIP.



RE: CAB Request to Access Gov't Record for Grace Pacific LLC CSP No. 0045-01C/CT

From CAB <Cab.General@doh.hawaii.gov>

Date Fri 8/29/2025 12:23 PM

To Jarred Hernden <jhernden@gracepacific.com>

Cc Scott Komatsu <skomatsu@gracepacific.com>; Chris Hermosura <chermosura@gracepacific.com>; Jay Obrey <nobrey@gracepacific.com>

Hi Jarred,

According to our files there were no complaints during this time period.

Thanks,
Lisa

From: Jarred Hernden <jhernden@gracepacific.com>

Sent: Friday, August 29, 2025 8:18 AM

To: CAB <Cab.General@doh.hawaii.gov>

Cc: Scott Komatsu <skomatsu@gracepacific.com>; Chris Hermosura <chermosura@gracepacific.com>; Jay Obrey <nobrey@gracepacific.com>

Subject: [EXTERNAL] CAB Request to Access Gov't Record for Grace Pacific LLC CSP No. 0045-01C/CT

Aloha,

Attached is a request to access any air quality complaints made against Makakilo Quarry (located at 92-1130 Pueonani Street Kapolei, HI 96707) from 10/1/2024 to 8/29/2025. Please provide any available complaint reports. If no complaints were made, please send an email confirming this.

Thank you,
Jarred Hernden
EHS, Environmental Specialist



ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Kapolei, Oahu, Hawaii

2025

Appendix D

Makakilo Quarry Hotline Phone Log September 9,
2024 through September 9, 2025

(2 pages)

Grace Pacific Makakilo Quarry						
Community Hotline, Complaints, and Inquiries Log (Redacted)						
September 9, 2024 to September 9, 2025						
No.	Date	Communication Method	Complainant	Message / Description of Call	Investigation / Responsible Party	Investigation / Action Plan
1	10/1/2024	SMS	Resident A	Dirt bikes were riding on the back side of the mountain on the quarry property	Quarry Ops	Dispatched patrol to locate riders and secure area. Preventative measures: Initiated inspection of entire perimeter fence for breaches.
2	10/3/2024	SMS	Resident A	Information on how dirt bikes were able to gain access to property	Quarry Ops	Confirmed breach found and repaired. Scheduled additional perimeter patrols for the next 7 days.
3	10/9/2024	Quarry Hotline	Resident B	Resident called to raise concern about blasting.	EHS	Scheduled meeting with resident to inspect home for pre-existing conditions. Reviewed blast data (seismograph readings) for the date in question to confirm compliance with vibration limits.
4	10/11/2024	Quarry Hotline	Resident C	Resident called to state that dirt bikes were riding in the Quarry property	Quarry Ops	Patrol dispatched to location. Update team on recurring issue. Assessment for additional fencing / barriers in frequently breached areas.
5	10/20/2024	SMS	Resident A	Resident called to inform that there were dirt bikes riding in the Quarry property over the weekend.	Quarry Ops	Assessment of possible weekend patrol frequency and consider installing temporary trail barriers or signage.
6	10/21/2024	Quarry Hotline	Resident D	Resident called to inform that there were dirt bikes riding in the Quarry property over the weekend.	Quarry Ops	Acknowledged complaint and informed resident of increased weekend patrols. Consulted with HPD about continued trespassing.
7	3/3/2025	SMS	Resident A	Claims that nothing is being done and dirt bikes are still riding in the mountain on Quarry property	Quarry Ops	Contacted Resident A to discuss ongoing efforts and challenges. Reviewed and enhanced long-term security strategy (motion sensors, cameras)
8	3/8/2025	Quarry Email	Resident E	Resident called to inform that there were dirt bikes riding in the Quarry property.	Quarry Ops	Documented specific location from email photo. Dispatched patrol to verify and secure the area. Added this location to high-priority checklist. Inspection of entire perimeter.
9	3/20/2025	Quarry Hotline	Resident F	Asking about policy for the land, dirt bikes making dust	Quarry Ops	Communicated to Resident F clarifying quarry policy against trespassing and outlined dust mitigation measures for quarry operations.
10	7/11/2025	Call to Site Supervisor	Resident G	Resident at Kapolei Knolls called regarding dust mitigation not being managed at lower quarry.	EHS/NAN INC	Project manager met and spoke with resident and assured them of mitigation efforts in place such as a water truck. Communicated with water truck on schedule and application rates for the lower quarry area.
11	7/15/2025	Call to Site Supervisor	Resident G	Inspector relayed information of a complaint	NAN INC	Acknowledged receipt of the inspector's report. Investigated the site and adjusted dust control measures (watering, speed limits) accordingly.
12	7/17/2025	Call to Site Supervisor	Resident G	Resident called regarding dust	NAN INC	Logged call. Established water truck logs and weather conditions (wind speed/direction). Contacted site supervisor to ensure compliance with dust control plan.
13	7/21/2025	Call to Site Supervisor	Resident G	Resident called regarding dust	NAN INC	EHS and site supervisor implemented daily dust monitoring, increased water truck frequency, continued monitoring of wind speed/direction and speed limits.

No.	Date	Communication Method	Complainant	Message / Description of Call	Investigation / Responsible Party	Investigation / Action Plan
14	7/23/2025	Call to Site Supervisor	Resident G	Resident called regarding dust	EHS/NAN INC	Reviewed findings from site assessment. No further implementation was needed at this time. Continued monitoring.
15	7/25/2025	Call to Site Supervisor	Resident G	Resident questioned what we are doing to resolve the issue and further complain	EHS/NAN INC	Communicated to Resident G that the site has implemented mitigation efforts, continued monitoring and adjust as needed.
16	7/28/2025	EHS Hotline	Resident G	Called to complain that there is dirt on the road	NAN INC	Dispatched street sweeper
17	7/30/2025	SMS	Resident G	Resident sent a photo of dust on vehicle and exterior of the house	NAN INC	Acknowledged receipt of photos. Documented as evidence. Visual observation of mitigation efforts (water truck usage, wind speed/direction, dust monitoring station, speed limits). Mitigation efforts were all in place and effective.
18	8/22/2025	EHS Hotline	Resident G	Resident called the EHS department to voice concern of dust collecting on their vehicle	EHS	EHS performed an internal visual observation of the site. It was determined that winds were blowing NW, away from the residential community.

ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Kapolei, Oahu, Hawaii

2025

Appendix E

Aerial Photos and Topographic Map

(4 pages)



949 Kamokila Blvd, Suite 200
Kapolei, HI 96707
Office | 808-674-8383
Fax | 808-674-1040

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and the communities in which we
live and work.*

MAKAKILO OVERALL SITE GRIDLINES

LEGEND :

— PROPERTY LINES

— SITE GRIDLINES

BASIS FOR HORIZONTAL CONTROL:

COORDINATES ARE IN STATE PLANE NAD83

UNIT OF MEASURE, US SURVEY FOOT

VERTICAL DATUM, MEAN SEA LEVEL

SCALE : 1" = 500'

DATE OF PHOTOGRAPHY : 09 - 05 -2025

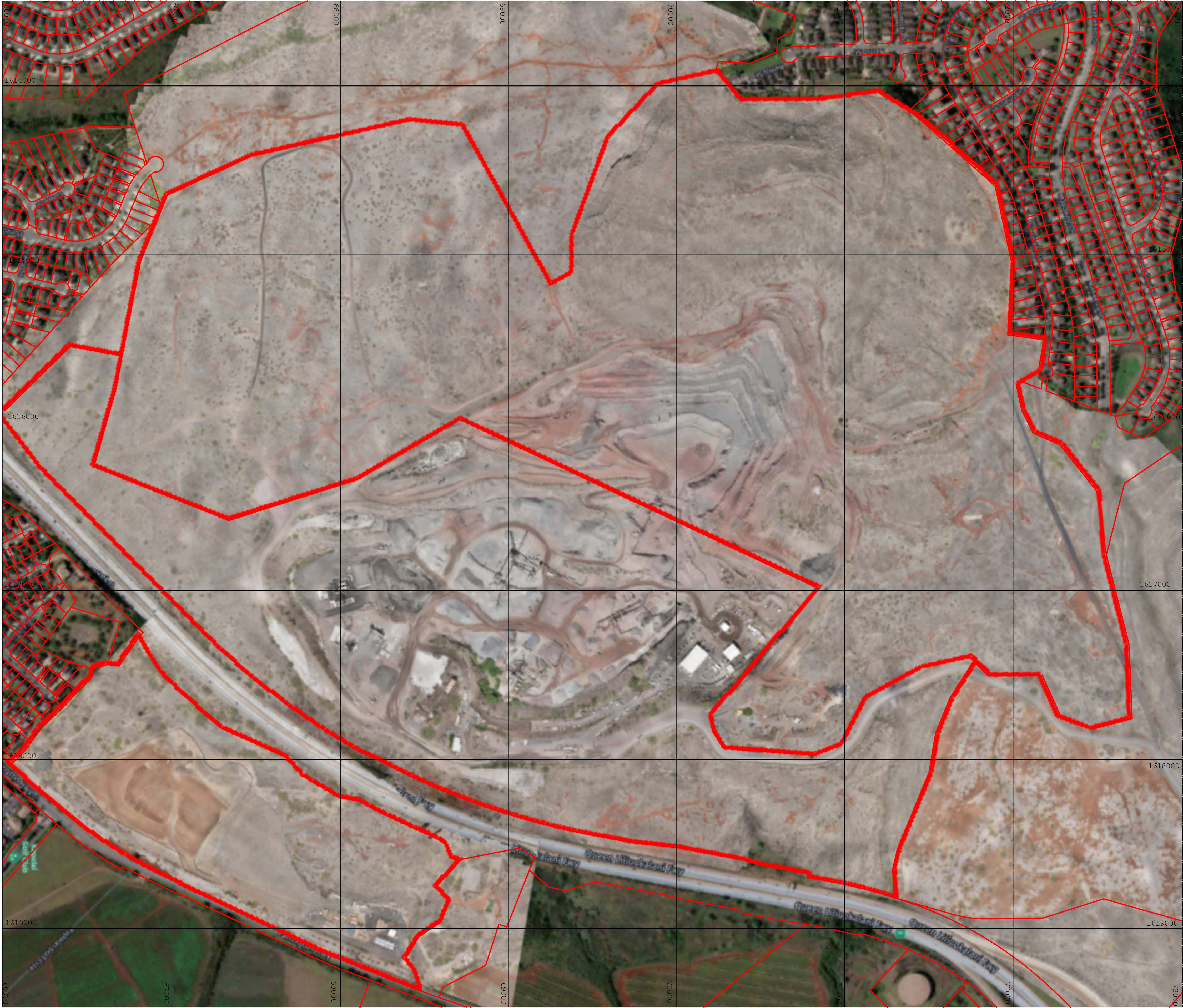
Client Details
Annual Drone Survey Year End 2025
Grace Pacific LLC
(808) 674-8383



Ht Scale: 1 : 1000X		Vt Scale: X		
Drawn By: Grace Pacific LLC		Chkd By:		
Revision History				
Revision	1	DD/MM/YYYY	Initials	Comments
Revision				
Revision				
Revision				
Revision				
Revision				
Revision				

Sheet No: 2 / 2

Makakilo Quarry Overall Site - GL
File Ref: END of Year 2025_ Working.vce





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MAKAKILLO OVERALL SITE CONTOURS

LEGEND :

PROPERTY LINES

MAJOR CONTOURS

MINOR CONTOURS

BASIS FOR HORIZONTAL CONTROL :

COORDINATES ARE IN STATE PLANE NAD83

UNIT OF MEASURE : US SURVEY FOOT

VERTICAL DATUM: MEAN SEA LEVEL

SCALE : 1" = 500'

DATE OF PHOTOGRAPHY : 09 - 05 -2025

Client Details
Annual Drone Survey _ Year End 2025
Grace Pacific LLC
(808) 674-8383



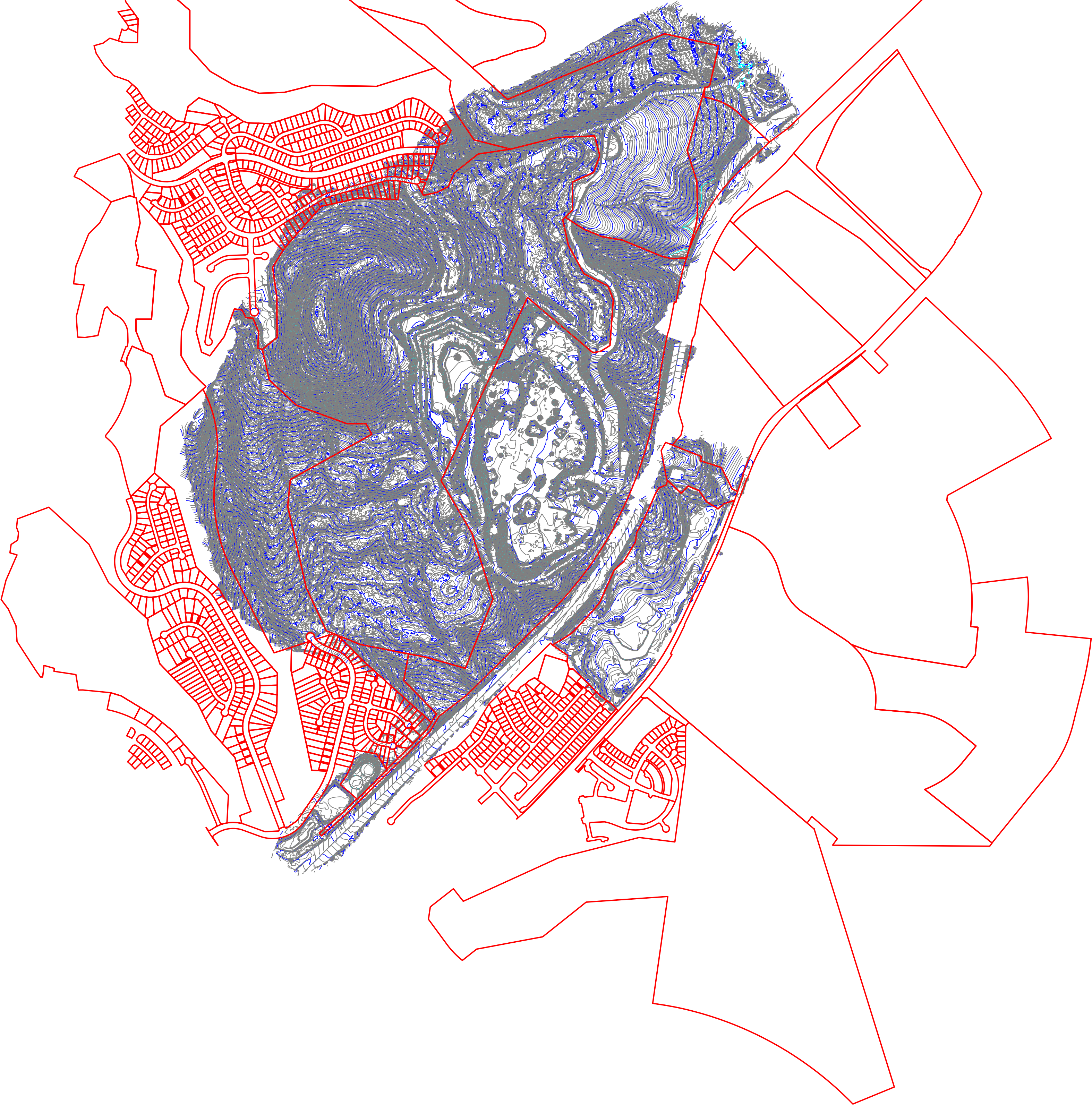
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Vt Scale: X

Drawn By: Grace Pacific LLC

Checked By:

Revision History				
Revision	1	DD/MM/YYYY	Initials	Comments
Revision				
Revision				
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Revision				
Revision				





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Kapolei, HI 96707
Office | 808-674-8383
Fax | 808-674-1040

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live and work.

Makakilo Upper Quarry

LEGEND :

PROPERTY LINES

SITE GRIDLINES

BASIS FOR HORIZONTAL CONTROL:

COORDINATES ARE IN STATE PLANE NAD83

UNIT OF MEASURE: US SURVEY FOOT

VERTICAL DATUM: MEAN SEA LEVEL

SCALE : 1" = 500'

DATE OF PHOTOGRAPHY : 09 - 05 - 2025

Client Details
Annual Drone Survey _ Year End 2025
Grace Pacific LLC
(808) 674-8383



Hx Scale: 1 :XXXXX		Vt Scale: X		
Drawn By: Grace Pacific LLC		Chkd By:		
Revision History				
Revision	1	DD/MM/YYYY	Initials	Comments
Revision				
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Revision				
Revision				

Sheet No: 3 / 4

Makakilo Upper Quarry _ GL
File Ref: END of Year _2025_ Working.vce



GRAPHIC



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Makakilo Lower Quarry

LEGEND :

— PROPERTY LINES

— SITE GRIDLINES

BASIS FOR HORIZONTAL CONTROL:

COORDINATES ARE IN STATE PLANE NAD83
UNIT OF MEASURE: US SURVEY FOOT
VERTICAL DATUM: MEAN SEA LEVEL

SCALE : 1" = 500'

DATE OF PHOTOGRAPHY : 09 - 05 -2025

Grace Pacific LLC
Annual Drone Survey _ Year End 2025
Grace Pacific LLC
(808) 674-8383



Hx Scale: 1:2000x

Vx Scale: X

Drawn By: Grace Pacific LLC

Checked By:

Revision History				
Revision	1	DD/MM/YYYY	Initials	Comments
Revision				
Revision				
Revision				
Revision				
Revision				

Sheet No: 4 / 4

Makakilo Lower Quarry _ GL
File Ref: END of Year 2025_ Working.vce



ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Kapolei, Oahu, Hawaii

2025

APPENDIX F

Outdoor Lighting Plan

(SUP Condition #17 and CUP Condition #3.b)

(25 pages)

DEPARTMENT OF PLANNING AND PERMITTING
KA 'OIHANA HO'OLĀLĀ A ME NĀ PALAPALA 'AE
CITY AND COUNTY OF HONOLULU

850 SOUTH KING STREET, 7TH FLOOR • HONOLULU, HAWAII 96813
PHONE: (808) 768-8000 • FAX: (808) 768-6041 • WEBSITE: honolulu.gov/dpp

RICK BLANGIARDI
MAYOR
MEIA



DAWN TAKEUCHI APUNA
DIRECTOR
PO'O

BRYAN GALLAGHER, P.E.
DEPUTY DIRECTOR
HOPE PO'O

REGINA MALEPEAI
2ND DEPUTY DIRECTOR
HOPE PO'O KUALUA

June 18, 2025

2025/ELOG-947 (MAK)
2024/CUP-28

Mr. Scott Komatsu
Vice-President
Grace Pacific LLC
P.O. Box 78
Honolulu, Hawaii 96810

Dear Mr. Komatsu:

SUBJECT: Lighting Plan and Traffic Circulation Plan
For Conditional Use Permit No. 2024/CUP-28 (CUP)
92-1130 Pueonani Street - Makakilo
Tax Map Keys 9-2-003: 074 and 084

We have reviewed the lighting plan, received June 10, 2025, and the traffic circulation plan, received May 21, 2025, and determined that the documents meet Conditions 3.b and 3.c of the above-referenced CUP. Should any changes be made to the approved plans in the future, further review and approval may be required.

Should you have any questions, please contact Michael Kat, of our Zoning Regulations and Permits Branch, at (808) 768 8013 or via email at michael.kat@honolulu.gov.

Very truly yours,

for A handwritten signature in blue ink, appearing to read "Dawn Takeuchi Apuna", is written over a light blue rectangular background.

Dawn Takeuchi Apuna
Director



Professional Engineer Seal for Dennis I. Tora, License No. 10569-E, State of Hawaii. The seal includes the text: 'Dennis I. Tora', 'LICENSED PROFESSIONAL ENGINEER', 'No. 10569-E', 'HAWAII, U.S.A.', and 'EXPIRATION DATE OF THE LICENSE 04/30/26'.

Consultants

Project
**Makakilo Quarry
Lighting Plan**

92-1130 Pueonani Street
Kapolei, Hawaii 96707

TMK No.: (1) 9-2-003:082

Client
Grace Pacific LLC

949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707

Mark	Date	Description

Project No.	2021.3325
Date	MARCH 2025
Drawn	CADD
Checked	DT
Scale	AS NOTED

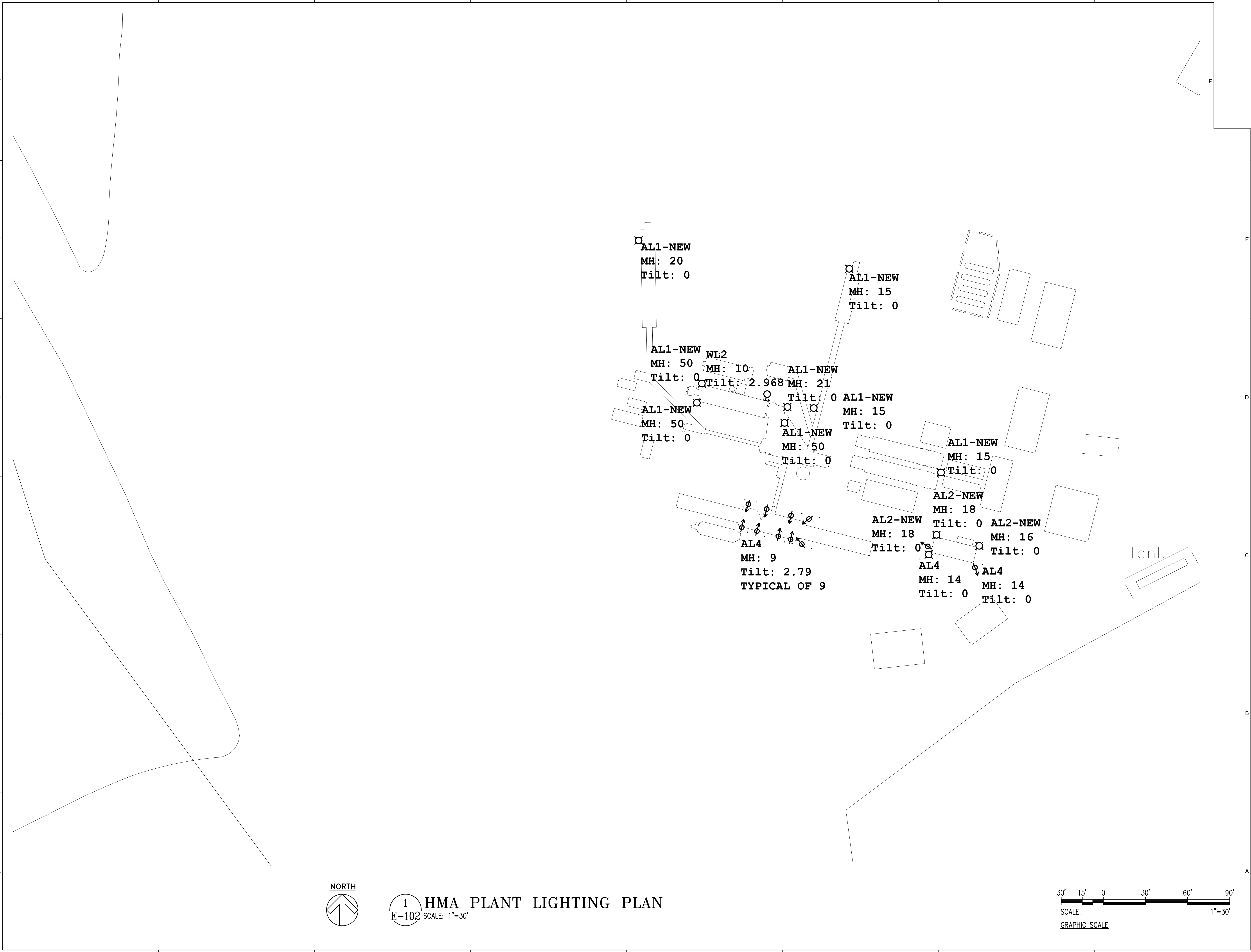
ELECTRICAL SITE PLAN

Sheet Title

Sheet No.
E-101

Plotted: 5/1/2025 2:18 PM by Larry Arreaga File Name: Z:\Acad\projects\2220333\E-102_2220333\IMA Plant_Plan_01.dwg

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DEANIS I. TORRES

LICENSED PROFESSIONAL ENGINEER

No. 10569-E

HAWAII, U.S.A.

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04/30/26

2025.05.01

EXPIRATION DATE OF THE LICENSE

Consultants

Project

Makakilo Quarry
Lighting Plan

92-1130 Pueonani Street
Kapolei, Hawaii 96707

TMK No.: (1) 9-2-003:082

Client

Grace Pacific LLC

949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707

Mark	Date	Description
<div><div>01/2"1"2"</div><div>THIS SHEET PLOTS FULL SIZE AT 24x36 (INCHES)</div></div>		

Project No.	2021.3325
Date	MARCH 2025
Drawn	CADD
Checked	DT
Scale	AS NOTED

HMA PLANT LIGHTING PLAN

Sheet Title

E-102

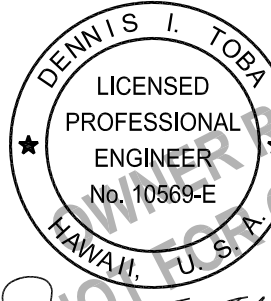



Sheet No.



20' 10' 0 20' 40' 60'

SCALE: 1"=20'

GRAPHIC SCALE

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D	<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;">  <p><i>Dennis I. Toia</i> 2025.05.01</p> </div> <div style="font-size: 0.8em;"> <p>This work was prepared by me or under my supervision and certification of this record will be made by observation. (Observation as Construction is defined in Chapter 105, M.S. Subchapter 1 Definitions of the Hawaii Administrative Rules, "Professional Engineers, Architects, Surveyors, and Landscape Architects.")</p> <p style="text-align: right;">04/30/26</p> <p style="text-align: right; font-size: 0.7em;">EXPIRATION DATE OF THE LICENSE</p> </div> </div>																																																																																																		
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B	<div style="border: 1px solid black; padding: 5px;"> <p>Project</p> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">Makakilo Quarry Lighting Plan</p> <p style="text-align: center;">92-1130 Pueonani Street Kapolei, Hawaii 96707</p> <p style="text-align: center;">TMK No.: (1) 9-2-003:082</p> </div>																																																																																																		
A	<div style="border: 1px solid black; padding: 5px;"> <p>Client</p> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">Grace Pacific LLC</p> <p style="text-align: center;">949 Kamokila Boulevard, Suite 200 Honolulu, Hawaii 96707</p> </div>																																																																																																		
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Plotted: 5/1/2025 2:18 PM by Larry Anum File Name: Z:\Acad\Projects\222033B-E-104_222033B_Primary_Secondary_OT4_OT5_OT6 Plant_Plan_01.dwg

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Unpaved Parking

AL1
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AL1
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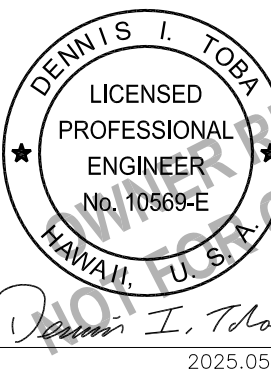
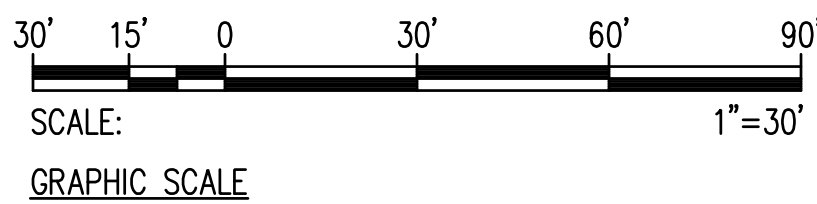
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WL1
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Portable
Lights
LT-1
MH: 18
Tilt: 30

Portable
Lights
LT-1
MH: 18
Tilt: 30



1 PRIMARY, SECONDARY, OT4, OT5 AND OT6 PLANT LIGHTING PLAN
E-104 SCALE: 1"=30'



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2025.05.01 EXPIRATION DATE OF THE LICENSE

Consultants

Project

Makakilo Quarry
Lighting Plan

92-1130 Pueonani Street
Kapolei, Hawaii 96707

TMK No.: (1) 9-2-003:082

Client

Grace Pacific LLC

949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707

Mark	Date	Description
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Project No. 2021.3325

Date MARCH 2025

Drawn CADD

Checked DT

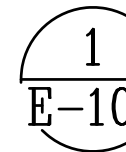
Scale AS NOTED

PRIMARY, SECONDARY,
OT4, OT5 AND OT6 PLANT
LIGHTING PLAN

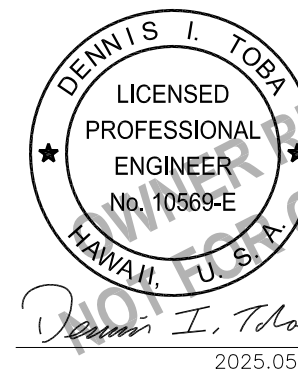
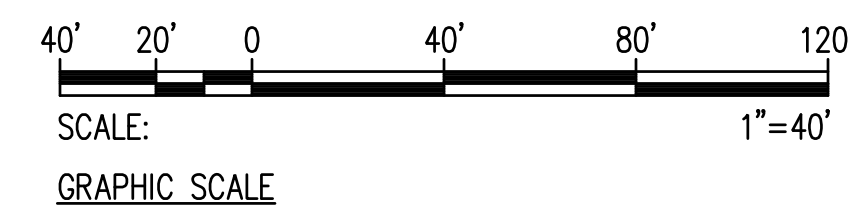
Sheet Title

E-104

Sheet No.



5 SCALE: 1"=40'



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04/30/26
N DATE OF THE LICENSE

Consultants	
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Makakilo Quarry Lighting Plan

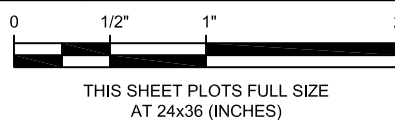
92-1130 Pueonani Street
Kapolei, Hawaii 96707

TMK No.: (1) 9-2-003:082

Grace Pacific LLC

949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707

Mark	Date	Description
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Project No.	2021.3325
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Date MARCH 2025

Drawn	CADD
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Checked	DT
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Scale	AS NOTED
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A-ROCK FINISHING PLANT LIGHTING PLAN

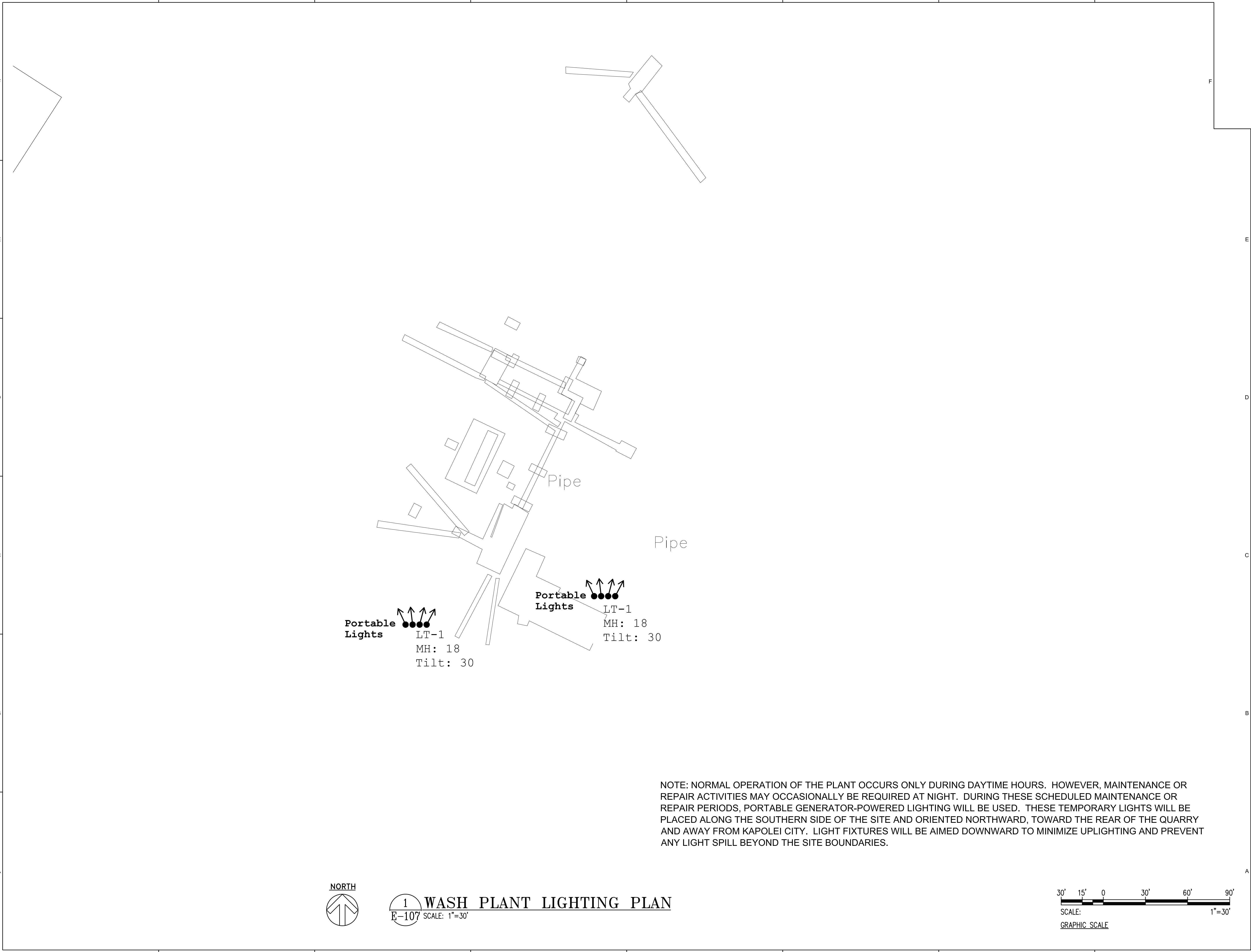
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E-105

Sheet No.

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DEANIS I. TORRES

LICENSED PROFESSIONAL ENGINEER

No. 10569-E

HAWAII, U.S.A.

This work was prepared by me or under my supervision, and I am a duly licensed professional engineer in the State of Hawaii. I am not responsible for any errors or omissions in this work.

2025.05.01

04/30/26

EXPIRATION DATE OF THE LICENSE

Consultants

Project

Makakilo Quarry
Lighting Plan

92-1130 Pueonani Street
Kapolei, Hawaii 96707

TMK No.: (1) 9-2-003:082

Client

Grace Pacific LLC

949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707

Mark	Date	Description

0 1/2" 1" 2"

THIS SHEET PLOTS FULL SIZE AT 24x36 (INCHES)

Project No.	2021.3325
Date	MARCH 2025
Drawn	CADD
Checked	DT
Scale	AS NOTED

WASH PLANT LIGHTING PLAN

Sheet Title

E-106

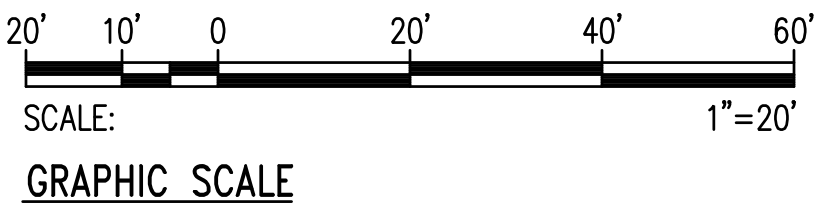
Sheet No.



1
E-108

SCALES STATION LIGHTING PLAN

SCALE: 1"=20'

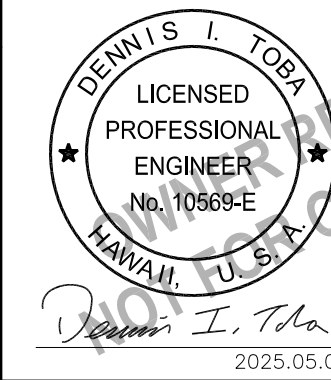


WL1
MH: 8
Tilt: 8.676

WL1
MH: 8
Tilt: 8.676

WL1
MH: 8
Tilt: 8.45

Scales



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Dennis I. Toba
2025.05.01 EXPIRATION DATE OF THE LICENSE 04/30/26

Consultants

Project

Makakilo Quarry
Lighting Plan

92-1130 Pueonani Street
Kapolei, Hawaii 96707

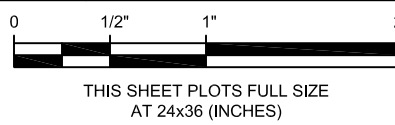
TMK No.: (1) 9-2-003:082

Client

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Honolulu, Hawaii 96707

Mark	Date	Description



Project No. 2021.3325

Date MARCH 2025

Drawn CADD

Checked DT

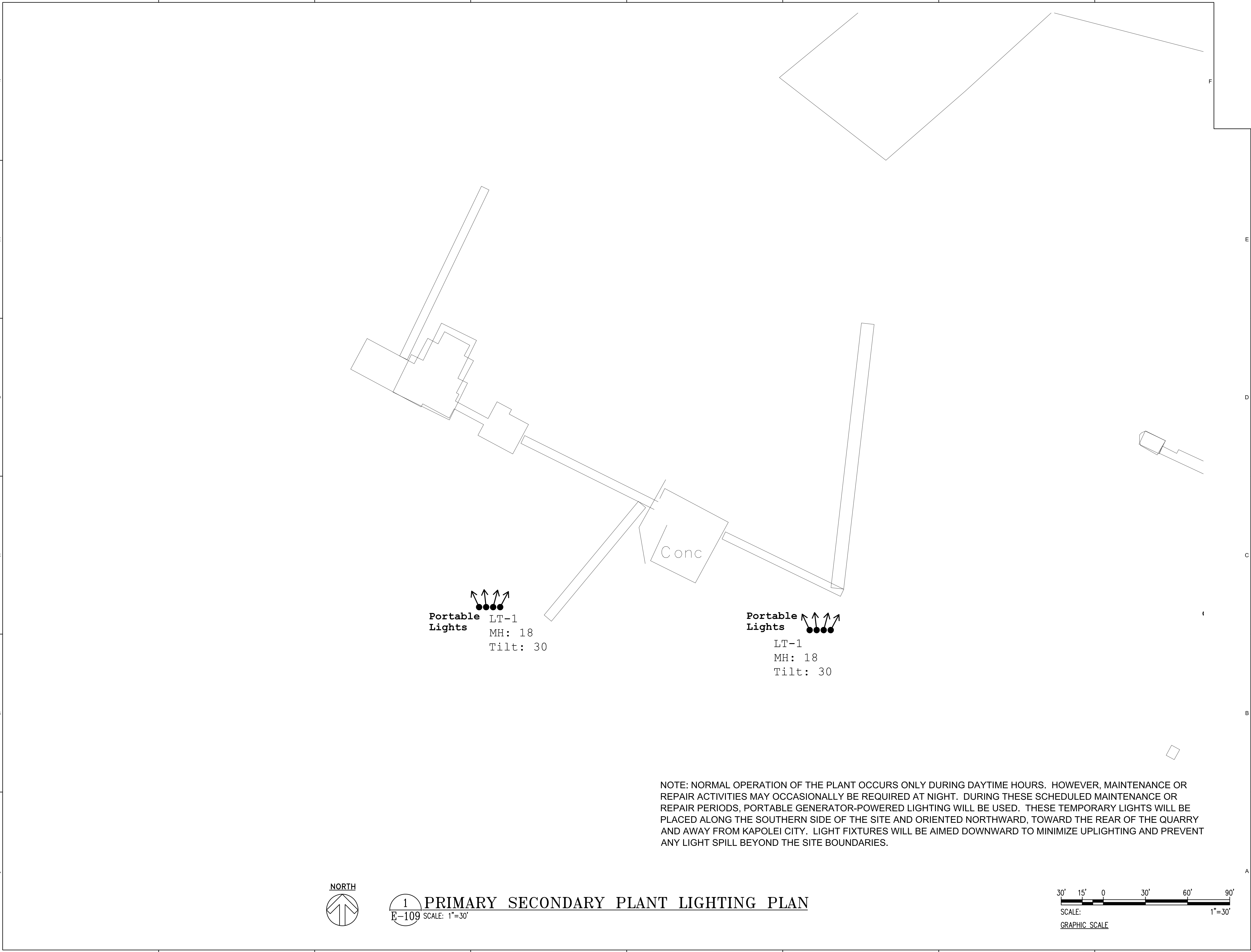
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SCALES STATION LIGHTING PLAN

Sheet Title

E-107

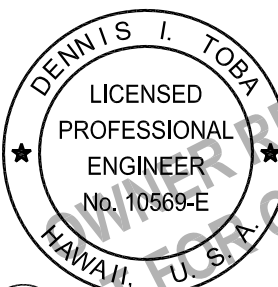
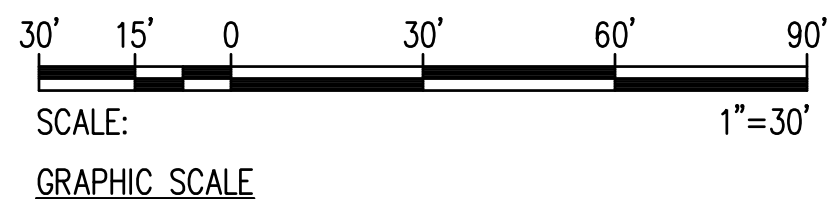
Sheet No.



1
E-109

PRIMARY SECONDARY PLANT LIGHTING PLAN

SCALE: 1"=30'



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2025.05.01 EXPIRATION DATE OF THE LICENSE

Consultants

Project

Makakilo Quarry
Lighting Plan

92-1130 Pueonani Street
Kapolei, Hawaii 96707

TMK No.: (1) 9-2-003:082

Client

Grace Pacific LLC

949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707

Mark	Date	Description
0		
1/2"		
1"		
2"		

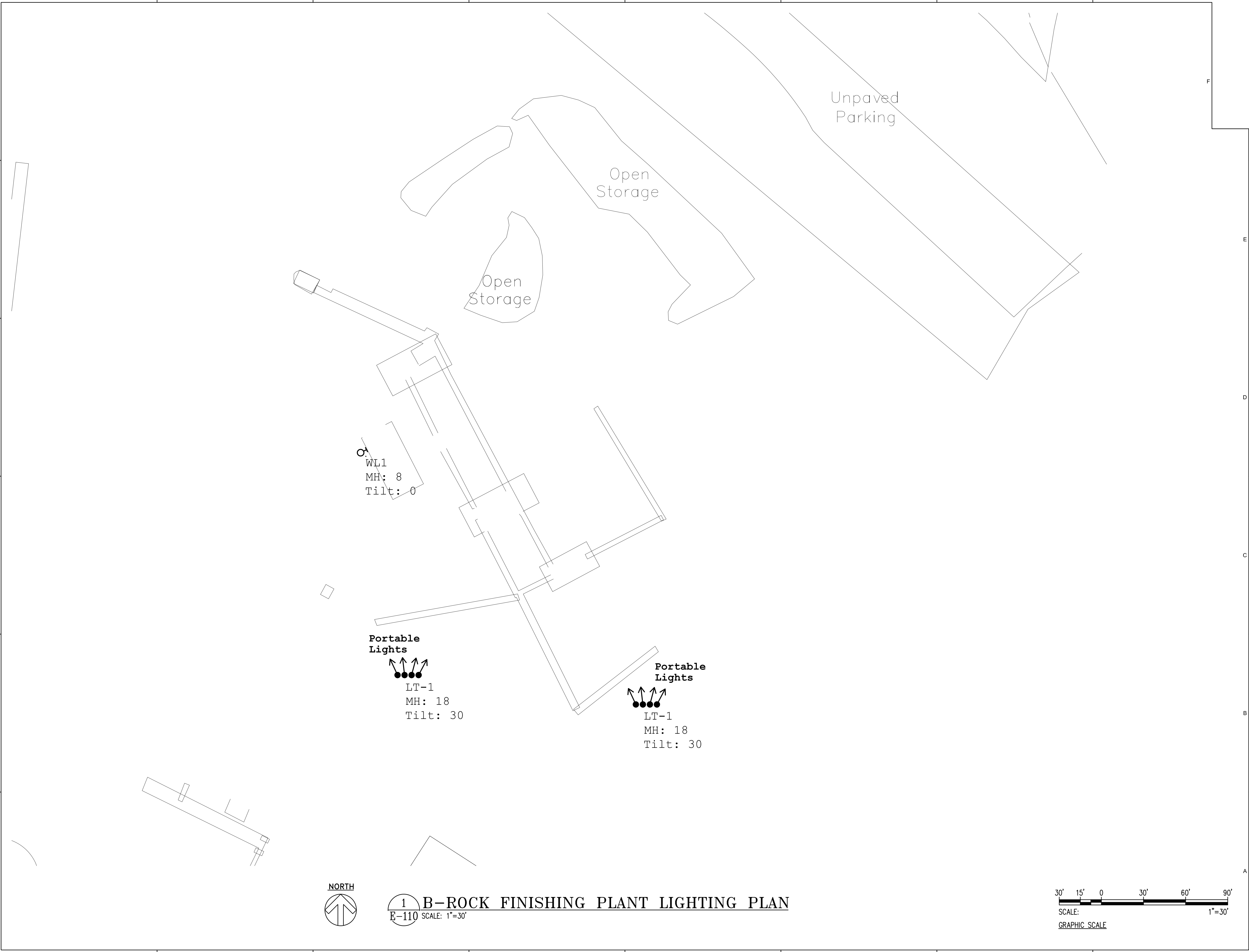
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Date	MARCH 2025
Drawn	CADD
Checked	DT
Scale	AS NOTED

PRIMARY SECONDARY PLANT LIGHTING PLAN

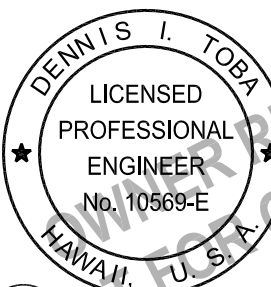
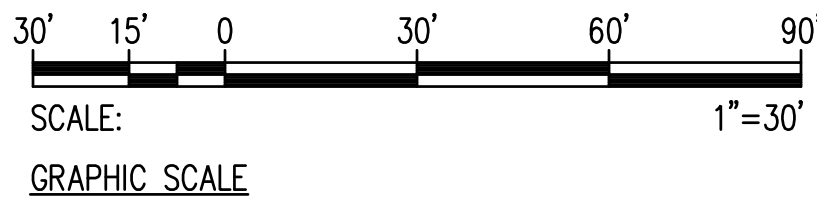
Sheet Title

E-108

Sheet No.



1 B-ROCK FINISHING PLANT LIGHTING PLAN
E-110 SCALE: 1"=30'



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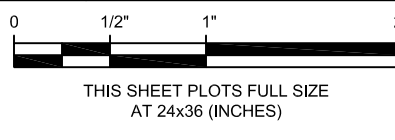
Dennis I. Tora
2025.05.01 EXPIRATION DATE OF THE LICENSE 04/30/26

Consultants

Project
Makakilo Quarry
Lighting Plan
92-1130 Pueonani Street
Kapolei, Hawaii 96707
TMK No.: (1) 9-2-003:082

Client
Grace Pacific LLC
949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707

Mark	Date	Description



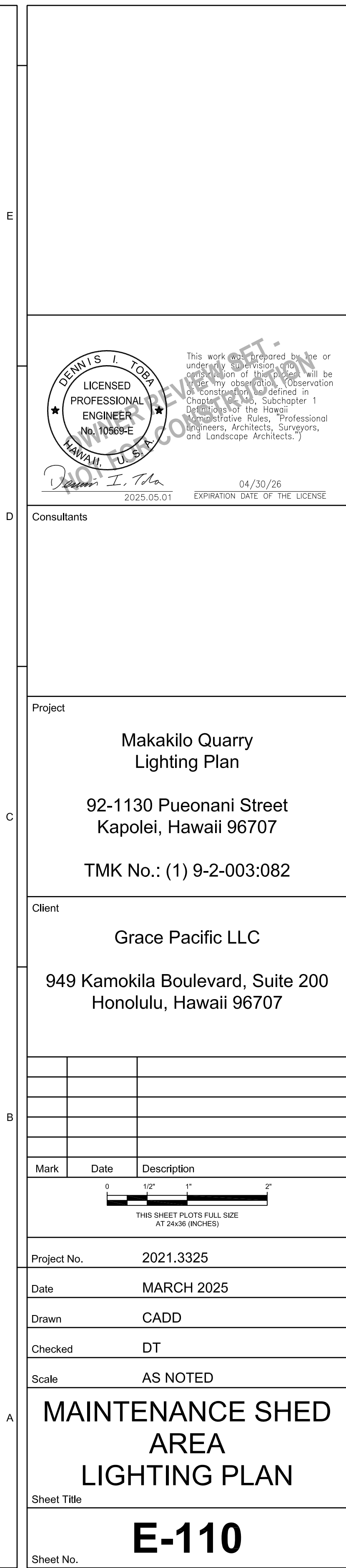
Project No.	2021.3325
Date	MARCH 2025
Drawn	CADD
Checked	DT
Scale	AS NOTED

B-ROCK FINISHING
PLANT
LIGHTING PLAN

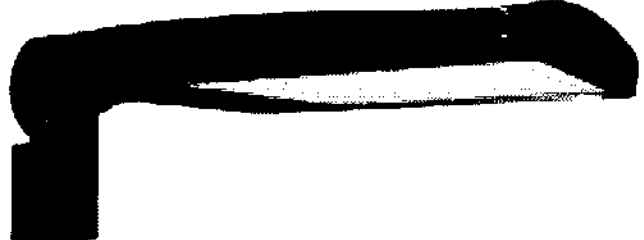
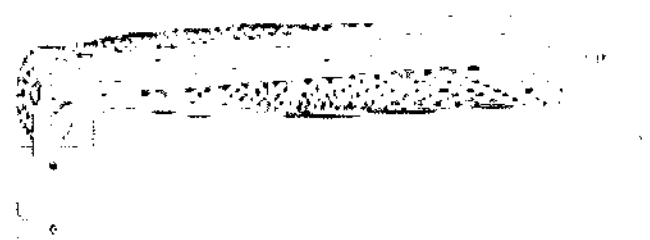

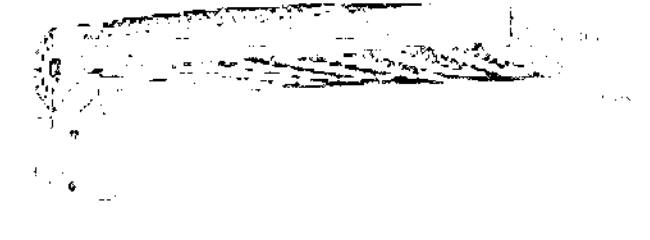

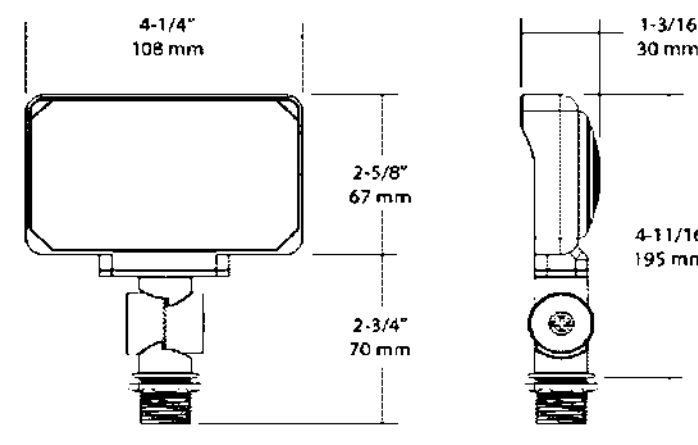
Sheet Title

E-109

Sheet No.



HMA PLANT LIGHT FIXTURES (PROPOSED)

SYMBOL	IMAGE		TYPE	MOUNTING / HEIGHT	DESCRIPTION	LIGHT ENGINE	VOLTAGE	POWER (W)	MANUFACTURER / MODEL	REMARKS
			AL1	PIPE MOUNTED	36 1/8" X 19" W X 2 3/4" H, SPECIFICATION AREA LIGHT, PRECISION DIE-CAST ALUMINUM HOUSING, EXTRUDED ALUMINUM SUPPORT ARMS, CLEAR TEMPERED GLASS LENS, SPECULAR VACUUM-METALIZED POLYCARBONATE, TYPE IV DISTRIBUTION, HIGH TEMPERATURE SILICONE GASKET, DLC LISTED, IESNA LM 79 & LM 80 TESTING COMPLIANT, 100,000 LED LIFE. SLIPFITTER WITH 180 DEGREE PIVOT FOR MOUNTING ON 2 3/8" TENON, AIMED DOWNWARD PERPENDICULAR TO THE GROUND ONLY	INTEGRAL LED, 4000K, 50871 LUMENS, 83 CRI	120V	385	RAB LIGHTING ALEDXL4TSFN/7PR-CR	ASPHALT BATCHING TANK - PHOTOCELL - DUSK - DAWN
			AL2	PIPE MOUNTED	32 7/16" X 12 1/2" W X 2 5/8" H, SPECIFICATION AREA LIGHT, PRECISION DIE-CAST ALUMINUM HOUSING, EXTRUDED ALUMINUM SUPPORT ARMS, CLEAR TEMPERED GLASS LENS, SPECULAR VACUUM-METALIZED POLYCARBONATE, TYPE IV DISTRIBUTION, HIGH TEMPERATURE SILICONE GASKET, DLC LISTED, IESNA LM 79 & LM 80 TESTING COMPLIANT, 100,000 LED LIFE. SLIPFITTER WITH 180 DEGREE PIVOT FOR MOUNTING ON 2 3/8" TENON, AIMED DOWNWARD PERPENDICULAR TO THE GROUND ONLY	INTEGRAL LED, 4000K, 37726 LUMENS, 83 CRI	120V	260	RAB LIGHTING ALEDL4TTSFN/7PR-CR	CONTROL ROOM - PHOTOCELL - DUSK - DAWN
			AL4	PIPE MOUNTED	AREA LIGHT, LIGHT TO BE AIM DOWNWARD PERPENDICULAR TO THE GROUND ONLY	INTEGRAL LED, 3000K, 1665 LUMENS, 70 CRI	120V	15	RAB LIGHTING X34-16L-830-120	ABOVE TANK , CONTROL ROOM

Consultants

Project

Makakilo Quarry
Lighting Plan

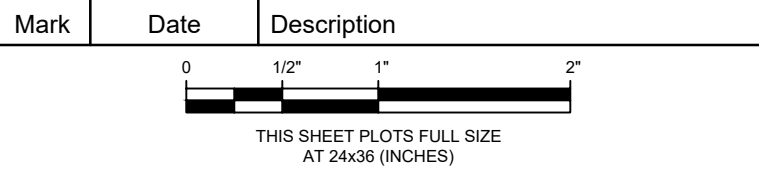
92-1130 Pueonani Street
Kapolei, Hawaii 96707

TMK No.: (1) 9-2-003:082

Client

Grace Pacific LLC

949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707



Project No.	2021.3325
Date	MARCH 2025
Drawn	CADD
Checked	DT
Scale	AS NOTED

LIGHT FIXTURE SCHEDULE

Sheet Title

E-201

Sheet No. **E-201**

Plotted: 6/6/2025 1:14 PM by Larry Arcan File Name: Z:\Acad\projects\222033B\E-202_222033B_Light Fixture Sched.dwg

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MAINTENANCE SHED AREA LIGHT FIXTURES (EXISTING)

SYMBOL	IMAGE		TYPE	MOUNTING / HEIGHT	DESCRIPTION	LAMP / LIGHT ENGINE	VOLTAGE	POWER (W)	MANUFACTURER / MODEL	REMARKS
			AL1	SURFACE WALL / 10'	5.75"H X 7.35" W X 5.8" D, 2 OUTDOOR FLOODLIGHT, ADJUSTABLE ANGLE, 180 DEGREE MOTION SENSOR UP TO 40FT, LIGHT MUST BE AIMED DOWNWARD PERPENDICULAR TO THE GROUND ONLY	INTEGRAL LED, 3000K, 1000 LUMENS, 70 CRI	120V	13	DEFIANT CD-5998-BK	PHOTOCELL - DUSK - DAWN PORTABLE BLDG
			LT1	PORTABLE / MAX HEIGHT 30'	WANCO DIESEL LAYDOWN LIGHT TOWER; 4-LIGHT, MAX HEIGHT 30' MINIMUM HEIGHT 12.5'. LIGHTS MUST BE AIMED FACING NORTH AND NOT EXCEED THE HIGH OF THE BREAM, AIMED DOWNWARD PERPENDICULAR TO THE GROUND ONLY AND FACING NORTH ONLY. FULLY SHIELDED: SHIELDING WILL BE FABRICATED AND INSTALLED ON ANY PORTABLE LIGHT TOWER FIXTURES THAT DO NOT COMPLY. SEE DETAIL BELOW.	METAL HALIDE, 1000W, 3000K, 110,000 LUMENS OR INTEGRAL LED, 120,000 LUMENS, 3000K	120v	1000 W	WANCO LAYDOWN LIGHT TOWER / METAL HALIDE OR LED	ON/OFF

PRIMARY, SECONDARY, OT4, OT5, OT6 LIGHT FIXTURES (EXISTING)

SYMBOL	IMAGE		TYPE	MOUNTING / HEIGHT	DESCRIPTION	LAMP / LIGHT ENGINE	VOLTAGE	POWER (W)	MANUFACTURER / MODEL	REMARKS
			AL1	SURFACE WALL / 10'	5.75"H X 7.35" W X 5.8" D, 2 OUTDOOR FLOODLIGHT, ADJUSTABLE ANGLE, 180 DEGREE MOTION SENSOR UP TO 40FT, LIGHT MUST BE AIMED DOWNWARD PERPENDICULAR TO THE GROUND ONLY	INTEGRAL LED, 3000K, 1000 LUMENS, 70 CRI	120V	13	DEFIANT CD-5998-BK	PHOTOCELL - DUSK - DAWN PORTABLE BLDG
			WL1	SURFACE WALL / 8'	270-DEGREE MOTION DETECTION UP TO 50FT RANGE, SOLAR MOTION LIGHT 4-HEAD LED MOTION ACTIVATED. INCLUDES SOLAR PANEL AND NI-MH RECHARGEABLE BATTERIES. LIGHTS MUST ME AIMED DOWNWARD PERPENDICULAR TO THE GROUND ONLY	INTEGRAL LED, 6000K, 3000 LUMENS, 80 CRI	120V	24	DEFIANT DFI-0760-WH	PHOTOCELL - DUSK - DAWN
			LT1	PORTABLE / MAX HEIGHT 30'	WANCO DIESEL LAYDOWN LIGHT TOWER; 4-LIGHT, MAX HEIGHT 30' MINIMUM HEIGHT 12.5'. LIGHTS MUST BE AIMED FACING NORTH AND NOT EXCEED THE HIGH OF THE BREAM, AIMED DOWNWARD PERPENDICULAR TO THE GROUND ONLY AND FACING NORTH ONLY. FULLY SHIELDED: SHIELDING WILL BE FABRICATED AND INSTALLED ON ANY PORTABLE LIGHT TOWER FIXTURES THAT DO NOT COMPLY. SEE DETAIL BELOW.	METAL HALIDE, 1000W, 3000K, 110,000 LUMENS OR INTEGRAL LED, 120,000 LUMENS, 3000K	120v	1000 W	WANCO LAYDOWN LIGHT TOWER / METAL HALIDE OR LED	ON/OFF

FABRICATED LIGHT HOOD
DIMENSIONS TO BE ADJUSTED
TO FIT LIGHT FIXTURES

12/11/2024

Page No. 1

24.75"

6"

4"

24.75" x 6"

None

None

4"

None

Single

1

GS/BD

Width x Height

Font Type

Text Height

Corners

Border

Single/Double Sided

Qty.

Sales/Dept

Artwork Disclaimer

Please review this proof carefully for all details, including color, materials, dimensions, and spelling. Please notify us of any changes required or errors. Once approved, Peterson Sign Company/GP Roadway Solutions will not be responsible for any incorrect design, layout, content, information, or misspelling. Any additional costs incurred to fix these errors are your responsibility and not eligible to be refunded.

Approved by:

1/6/26

DATE

GP Roadway Solutions

PETERSON SIGN COMPANY

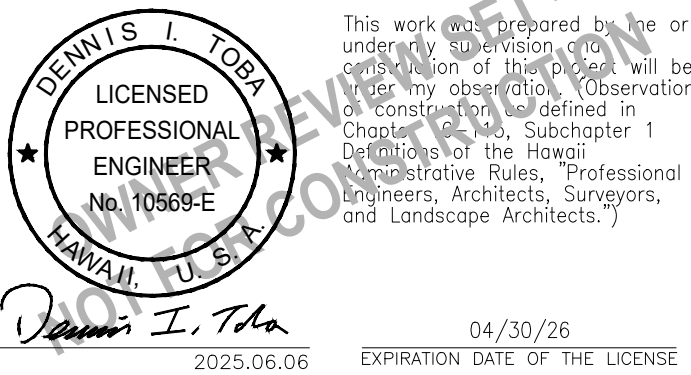
a division of

Roadway Solutions

Sales Order No.

SHOPS

300000



Consultants

Project
Makakilo Quarry
Lighting Plan
92-1130 Pueonani Street
Kapolei, Hawaii 96707
TMK No.: (1) 9-2-003:082

Client
Grace Pacific LLC
949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707

Mark	Date	Description

Project No. 2021.3325
Date MARCH 2025
Drawn CADD
Checked DT
Scale AS NOTED

LIGHT FIXTURE
SCHEDULE

Sheet Title

E-202

Sheet No.

Plotted: 6/6/2025 1:17 PM by Larry Arcan File Name: Z:\Acad\projects\222033B\E-203_222033B_Light Fixture Sched.dwg

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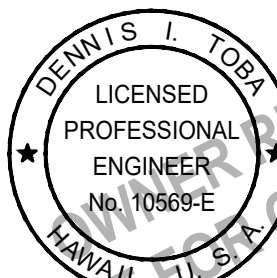
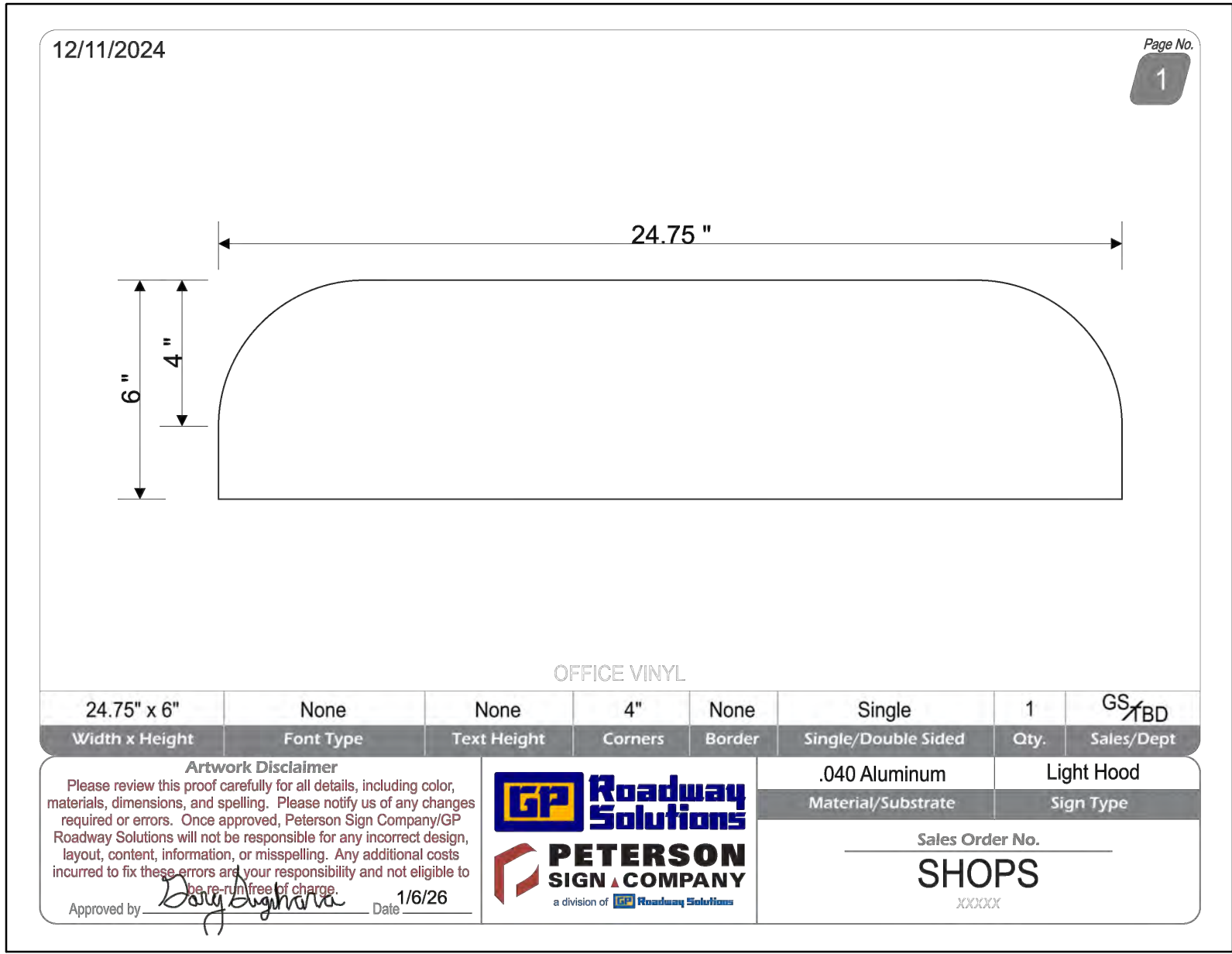
SCALES STATION LIGHT FIXTURES (EXISTING)

SYMBOL	IMAGE		TYPE	MOUNTING / HEIGHT	DESCRIPTION	LIGHT ENGINE	VOLTAGE	POWER (W)	MANUFACTURER / MODEL	REMARKS
			WL1	SURFACE WALL / 10'	180 DEGREE 2-HEAD HALOGEN MOTION-ACTIVATED FLOOD LIGHT WITH TIMER, ADJUSTABLE TIMER, MANUAL OVERRIDE ON/OFF	HALOGEN	120V	300	UTILITECH 6211BZ-PIR23A	PORTABLE BLDG - ON/OFF - ADJUSTABLE TIMER

PRIMARY SECONDARY PLANT , WASH PLANT, A-ROCK & B-ROCK FINISHING PLANT LIGHT FIXTURES (EXISTING)

SYMBOL	IMAGE		TYPE	MOUNTING / HEIGHT	DESCRIPTION	LAMP / LIGHT ENGINE	VOLTAGE	POWER (W)	MANUFACTURER / MODEL	REMARKS
			AL1	SURFACE WALL / 7'	INCANDESCENT SINGLE BULB 40W, LOCATED IN THE QUARRY PIT AT THE RESTROOMS OF A-PLANT AND B-PLANT	INCANDESCENT, 2700K, 300 LUMENS	120	40	FEIT ELECTRIC	ON/OFF
			LT1	PORTABLE / MAX HEIGHT 30'	WANCO DIESEL LAYDOWN LIGHT TOWER; 4-LIGHT, MAX HEIGHT 30' MINIMUM HEIGHT 12.5'. LIGHTS MUST BE AIMED FACING NORTH AND NOT EXCEED THE HIGH OF THE BREAM, AIMED DOWNWARD PERPENDICULAR TO THE GROUND ONLY AND FACING NORTH ONLY. FULLY SHIELDED: SHIELDING WILL BE FABRICATED AND INSTALLED ON ANY PORTABLE LIGHT TOWER FIXTURES THAT DO NOT COMPLY. SEE DETAIL BELOW.	METAL HALIDE, 1000W, 3000K, 110,000 LUMENS OR INTEGRAL LED, 120,000 LUMENS, 3000K	120v	1000 W	WANCO LAYDOWN LIGHT TOWER / METAL HALIDE OR LED	ON/OFF

FABRICATED LIGHT HOOD
DIMENSIONS TO BE ADJUSTED
TO FIT LIGHT FIXTURES



This work was prepared by me or under my supervision and I will be responsible for its accuracy. I observe and certify that the work was done in accordance with the Hawaii Administrative Rules, Professional Engineers, Architects, Surveyors, and Landscape Architects, I.

 04/30/26
2025.06.06 EXPIRATION DATE OF THE LICENSE

Consultants

Project

Makakilo Quarry
Lighting Plan

92-1130 Pueonani Street
Kapolei, Hawaii 96707

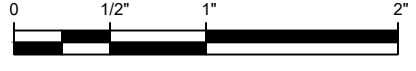
TMK No.: (1) 9-2-003:082

Client

Grace Pacific LLC

949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707

Mark	Date	Description

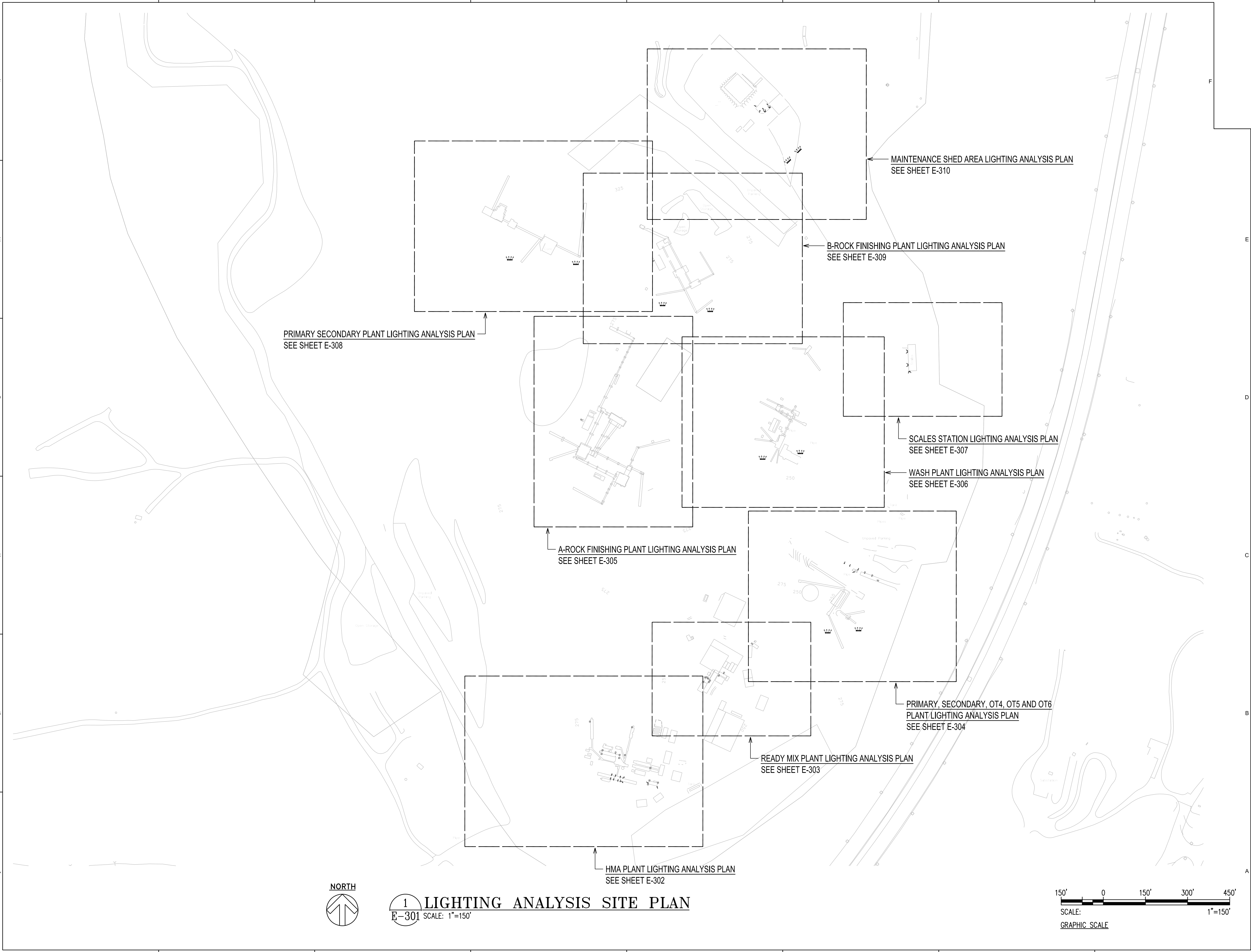


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AT 24x36 (INCHES)

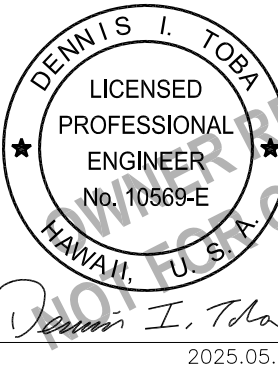
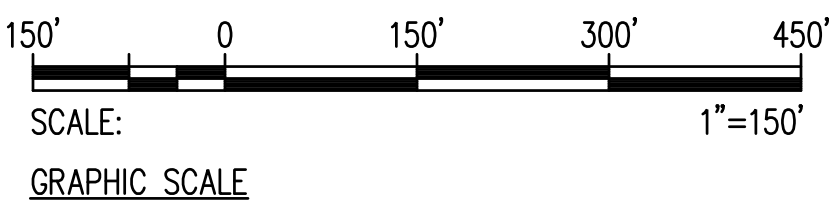
Project No.	2021.3325
Date	MARCH 2025
Drawn	CADD
Checked	DT
Scale	AS NOTED

LIGHT FIXTURE
SCHEDULE

Sheet Title
E-203
Sheet No.



1 LIGHTING ANALYSIS SITE PLAN
E-301 SCALE: 1"=150'



This work was prepared by me or under my supervision and I will be responsible for its accuracy. I am a duly Licensed Professional Engineer under the laws of the State of Hawaii, Chapter 10, Subchapter 1, Administrative Rules, "Professional Engineers, Architects, Surveyors, and Landscape Architects."

2025.05.01 EXPIRATION DATE OF THE LICENSE

Consultants

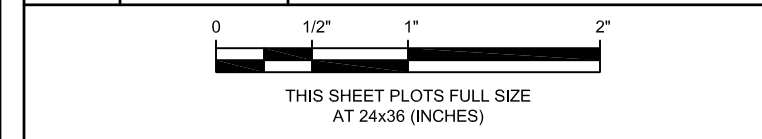
Project
**Makakilo Quarry
Lighting Plan**

92-1130 Pueonani Street
Kapolei, Hawaii 96707

TMK No.: (1) 9-2-003:082

Client
Grace Pacific LLC

949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707



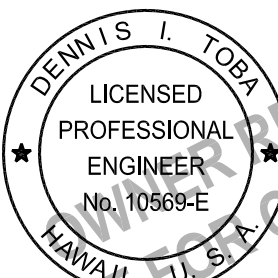
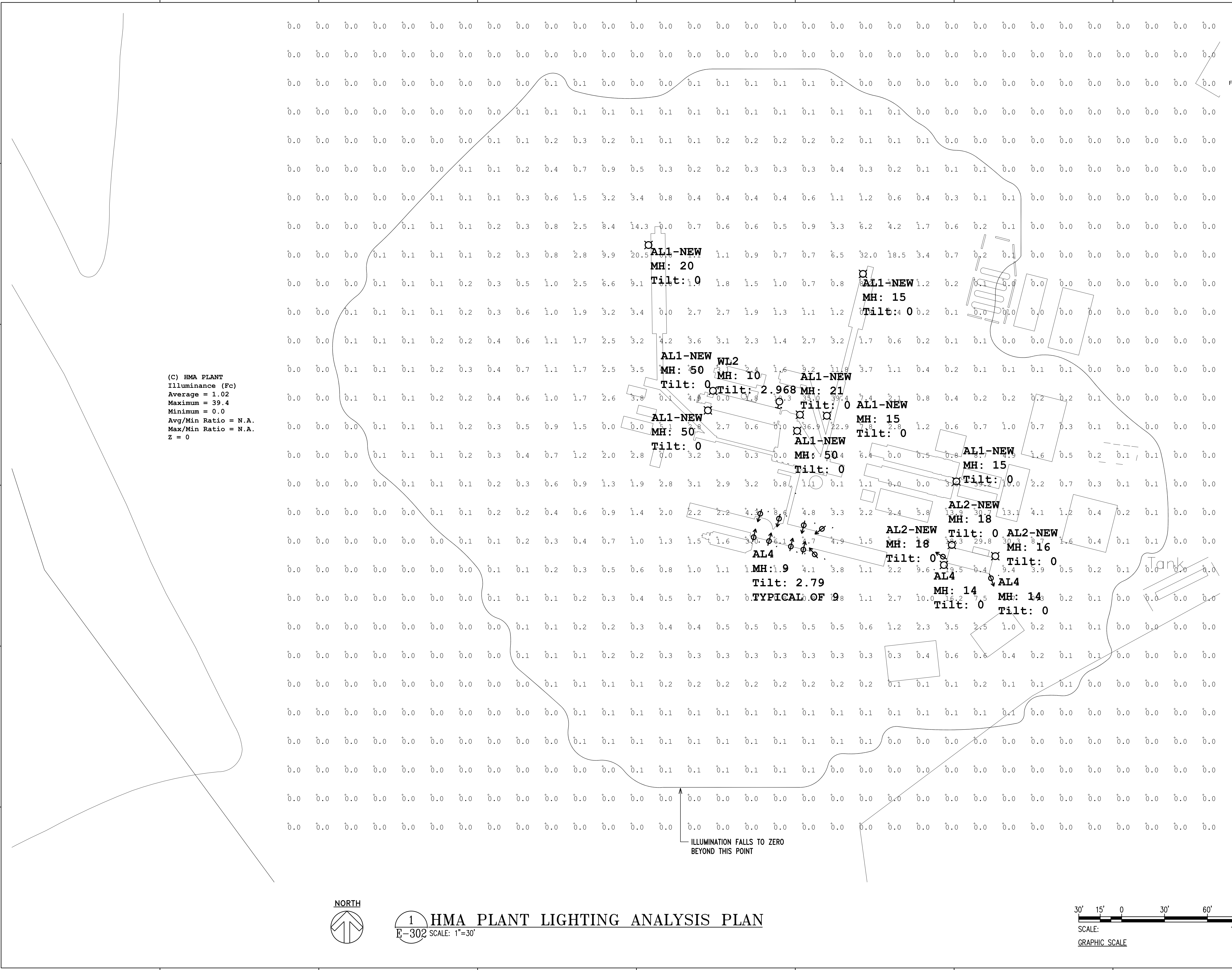
Project No.	2021.3325
Date	MARCH 2025
Drawn	CADD
Checked	DT
Scale	AS NOTED

LIGHTING ANALYSIS
SITE PLAN

Sheet Title

E-301

Sheet No.



This work was prepared by me or under my supervision and I will be responsible for its observation and construction as defined in Chapter 1 of the Hawaii Administrative Rules, Professional Engineers, Architects, Surveyors, and Landscape Architects.

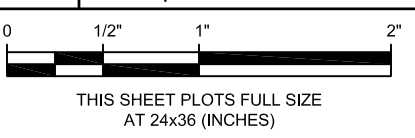
04/30/26
2025.05.01 EXPIRATION DATE OF THE LICENSE

Consultants

Project
Makakilo Quarry
Lighting Plan
92-1130 Pueonani Street
Kapolei, Hawaii 96707
TMK No.: (1) 9-2-003:082

Client
Grace Pacific LLC
949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707

Mark	Date	Description



Project No.	2021.3325
Date	MARCH 2025
Drawn	CADD
Checked	DT
Scale	AS NOTED

HMA PLANT
LIGHTING ANALYSIS
PLAN

Sheet Title
E-302
Sheet No.



20' 10' 0 20' 40' 60'

SCALE: 1"=20'

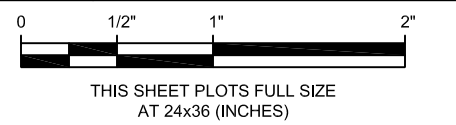
GRAPHIC SCALE

[illegible]

Client	
--------	--

Grace Pacific LLC
949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707

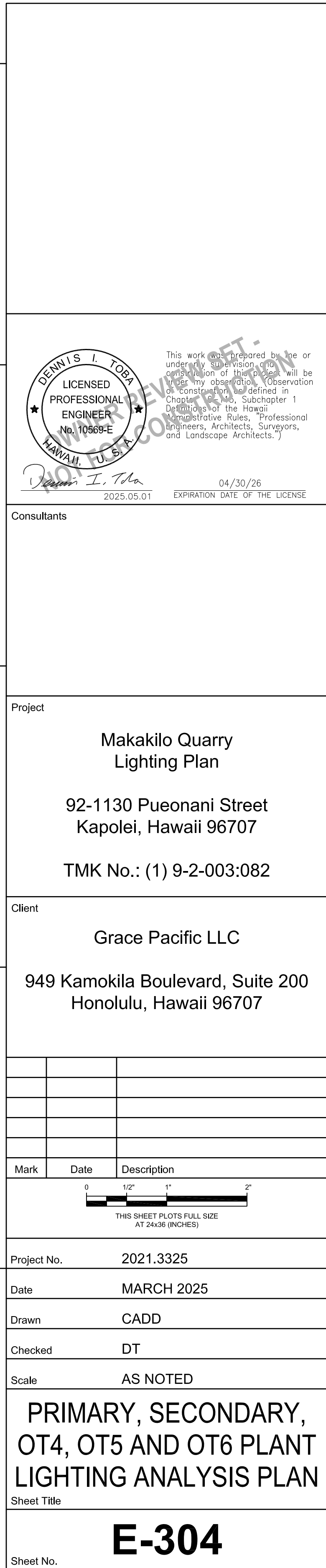
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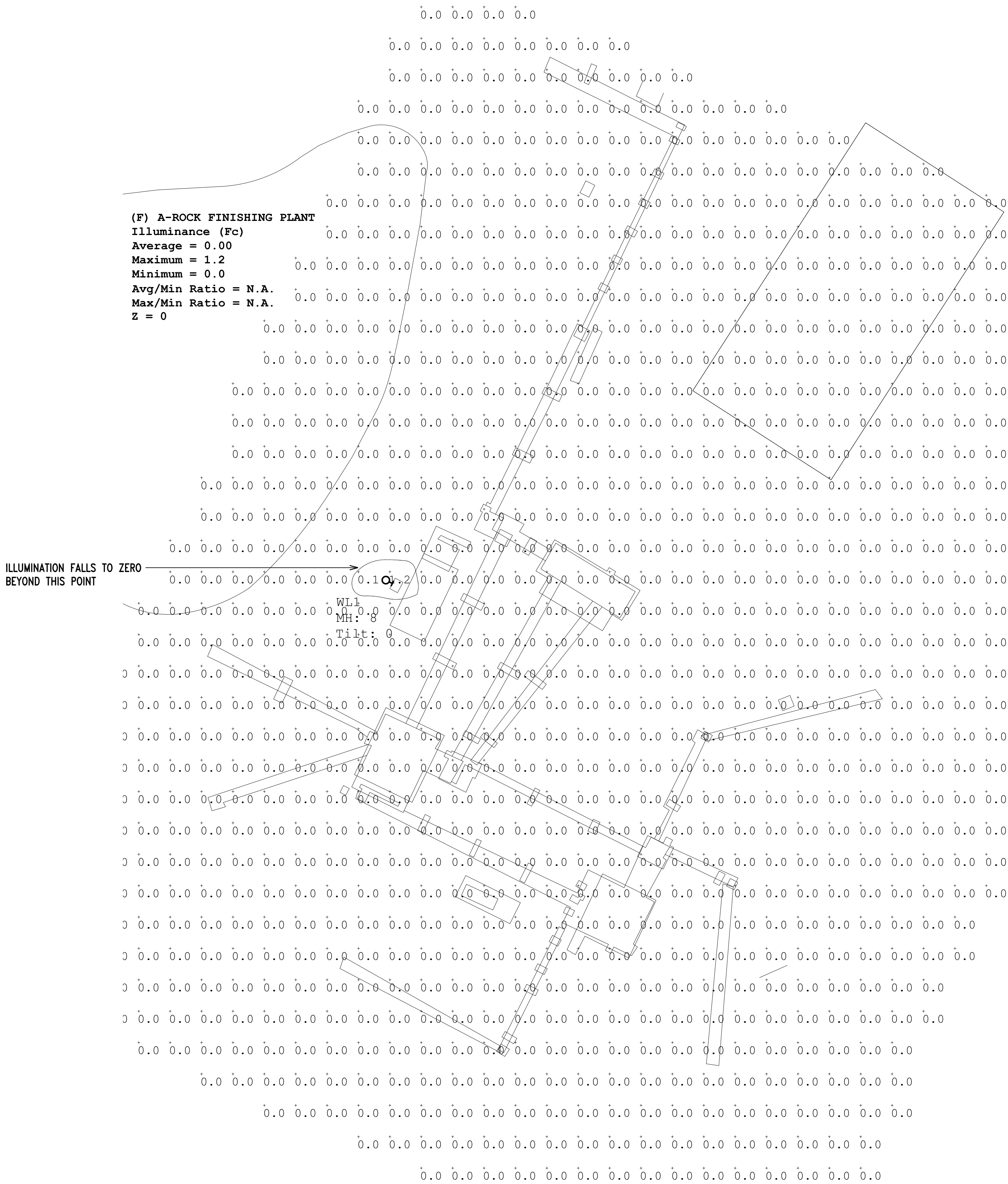


Project No.	2021.3325
Date	MARCH 2025
Drawn	CADD
Checked	DT
Scale	AS NOTED

READY MIX PLANT LIGHTING ANALYSIS PLAN

Sheet Title	
Sheet No.	E-303

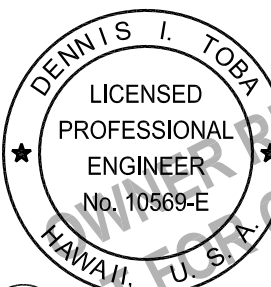
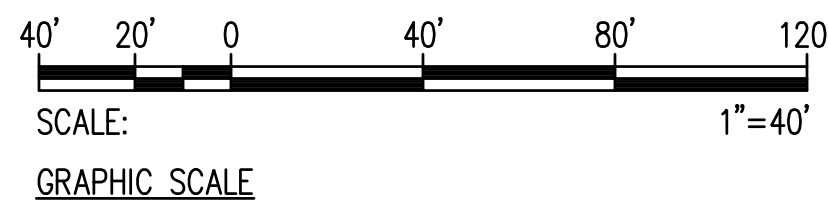




1
E-305

A-ROCK FINISHING PLANT LIGHTING ANALYSIS PLAN

SCALE: 1"=40'



This work was prepared by me or under my supervision, and I will be responsible for its accuracy. I am a duly licensed Professional Engineer, Architect, Surveyor, and Landscape Architect, as defined in Chapter 10, Hawaii Revised Statutes, and I am duly licensed in the State of Hawaii.

Dennis I. Taha
2025.05.01

04/30/26
EXPIRATION DATE OF THE LICENSE

Consultants

Project

Makakilo Quarry
Lighting Plan

92-1130 Pueonani Street
Kapolei, Hawaii 96707

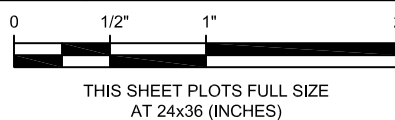
TMK No.: (1) 9-2-003:082

Client

Grace Pacific LLC

949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707

Mark	Date	Description
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Project No. 2021.3325

Date MARCH 2025

Drawn CADD

Checked DT

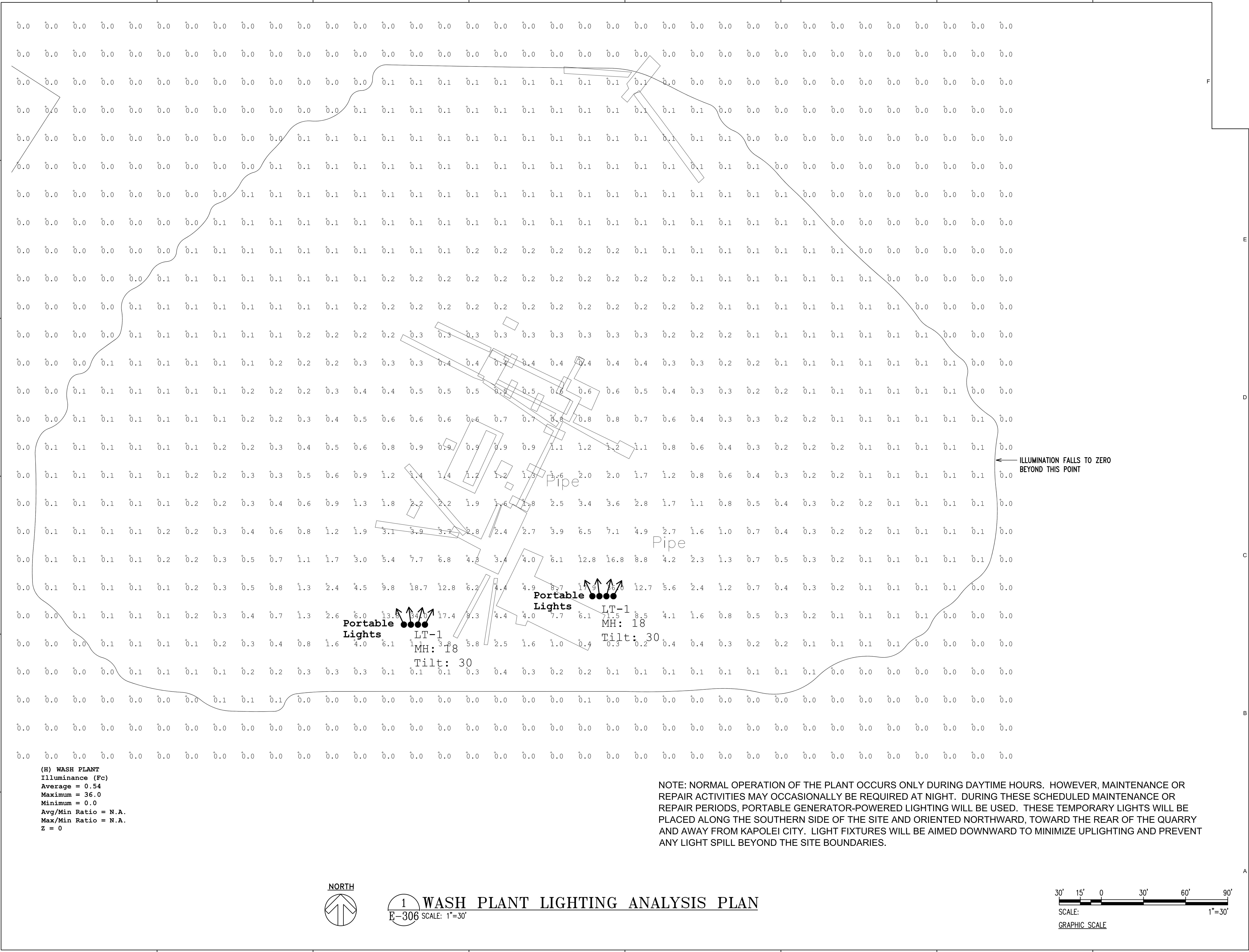
Scale AS NOTED

A-ROCK FINISHING PLANT LIGHTING ANALYSIS PLAN

Sheet Title

E-305

Sheet No.

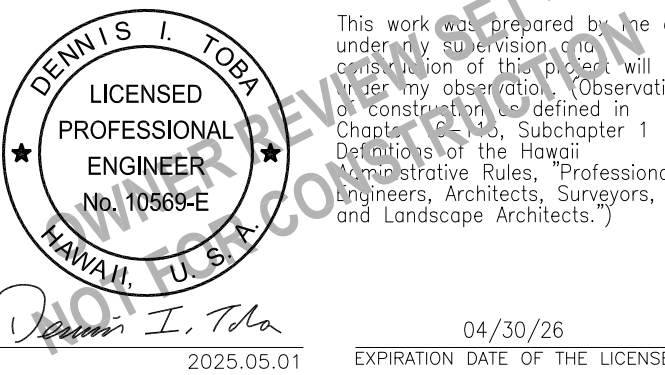
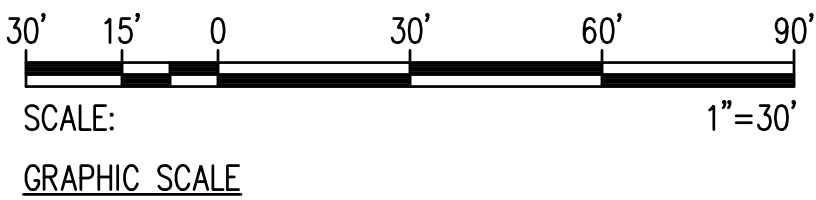


(H) WASH PLANT
Illuminance (Fc)
Average = 0.54
Maximum = 36.0
Minimum = 0.0
Avg/Min Ratio = N.A.
Max/Min Ratio = N.A.
Z = 0

NOTE: NORMAL OPERATION OF THE PLANT OCCURS ONLY DURING DAYTIME HOURS. HOWEVER, MAINTENANCE OR REPAIR ACTIVITIES MAY OCCASIONALLY BE REQUIRED AT NIGHT. DURING THESE SCHEDULED MAINTENANCE OR REPAIR PERIODS, PORTABLE GENERATOR-POWERED LIGHTING WILL BE USED. THESE TEMPORARY LIGHTS WILL BE PLACED ALONG THE SOUTHERN SIDE OF THE SITE AND ORIENTED NORTHWARD, TOWARD THE REAR OF THE QUARRY AND AWAY FROM KAPOLEI CITY. LIGHT FIXTURES WILL BE AIMED DOWNWARD TO MINIMIZE UPLIGHTING AND PREVENT ANY LIGHT SPILL BEYOND THE SITE BOUNDARIES.



1 WASH PLANT LIGHTING ANALYSIS PLAN
E-306 SCALE: 1"=30'



Consultants

Project
Makikilo Quarry
Lighting Plan
92-1130 Pueonani Street
Kapolei, Hawaii 96707
TMK No.: (1) 9-2-003:082

Client
Grace Pacific LLC
949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707

Mark	Date	Description

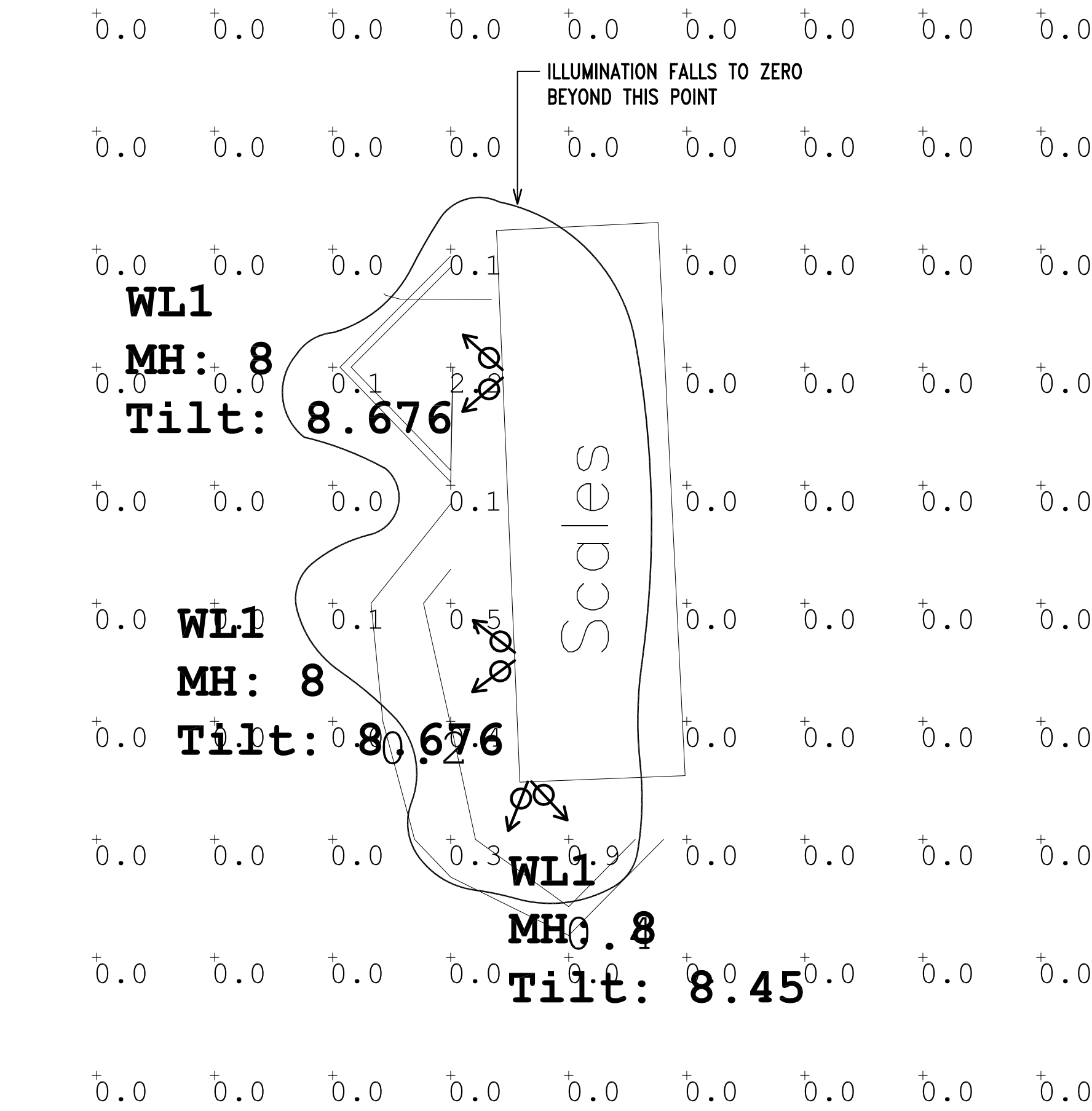
Project No.	2021.3325
Date	MARCH 2025
Drawn	CADD
Checked	DT
Scale	AS NOTED

WASH PLANT
LIGHTING ANALYSIS
PLAN

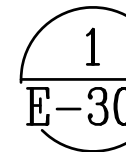
Sheet Title

E-306

Sheet No.

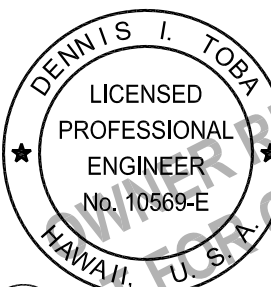
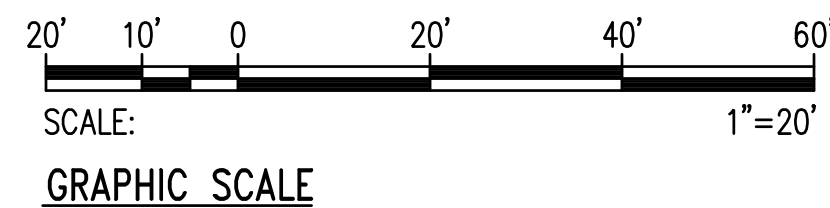


(I) SCALES 1
Illuminance (Fc)
Average = 0.06
Maximum = 2.2
Minimum = 0.0
Avg/Min Ratio = N.A.
Max/Min Ratio = N.A.
Z = 0



SCALES STATION LIGHTING ANALYSIS PLAN

SCALE: 1"=20'



This work was prepared by me or under my supervision and I will be responsible for its accuracy. I am a duly Licensed Professional Engineer, State of Hawaii, Subchapter 1, Administrative Rules, Professional Engineers, Architects, Surveyors, and Landscape Architects.

Dennis I. Toba
2025.05.01 EXPIRATION DATE OF THE LICENSE 04/30/26

Consultants

Project

Makakilo Quarry
Lighting Plan

92-1130 Pueonani Street
Kapolei, Hawaii 96707

TMK No.: (1) 9-2-003:082

Client

Grace Pacific LLC

949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707

Mark	Date	Description

Project No. 2021.3325

Date MARCH 2025

Drawn CADD

Checked DT

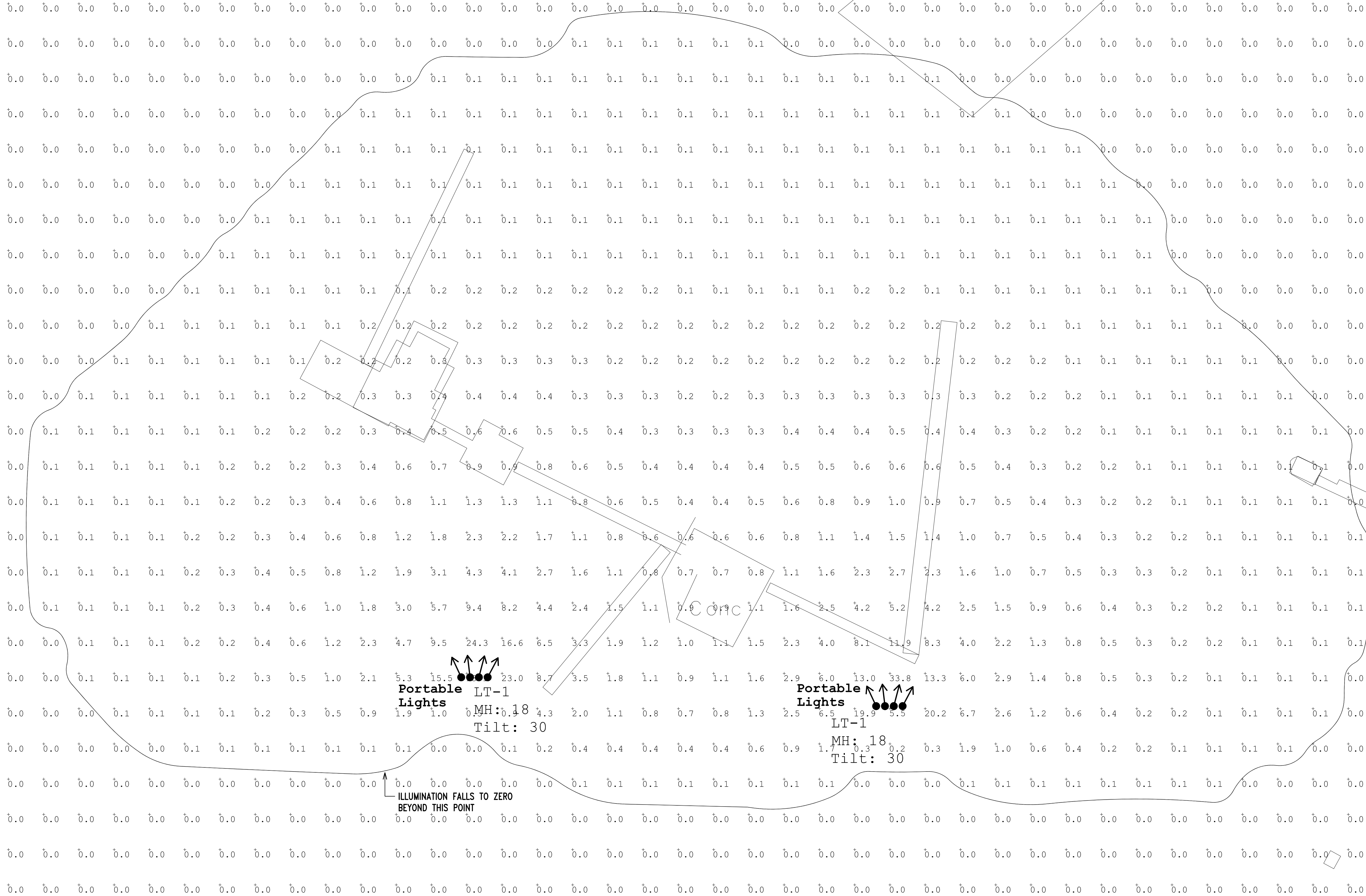
Scale AS NOTED

SCALES STATION LIGHTING ANALYSIS PLAN

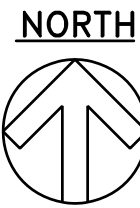
Sheet Title

E-307

Sheet No.



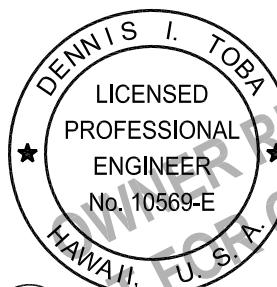
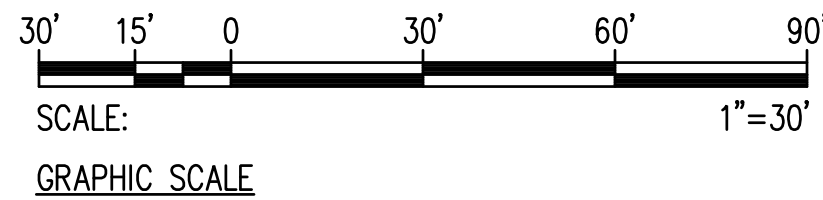
(J) PRIMARY&SECONDARY PLANT
Illuminance (Fc)
Average = 0.54
Maximum = 33.8
Minimum = 0.0
Avg/Min Ratio = N.A.
Max/Min Ratio = N.A.
Z = 0



1
E-308

PRIMARY SECONDARY PLANT LIGHTING ANALYSIS PLAN

SCALE: 1"=30'



This work was prepared by me or under my supervision, and I will be responsible for its accuracy. I am a duly licensed Professional Engineer, Registered Professional Engineer, Professional Engineer, Architect, Surveyor, and Landscape Architect.

Dennis I. Taha
2025.05.01 EXPIRATION DATE OF THE LICENSE

Consultants

Project
**Makakilo Quarry
Lighting Plan**
**92-1130 Pueonani Street
Kapolei, Hawaii 96707**
TMK No.: (1) 9-2-003:082

Client
Grace Pacific LLC
**949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707**

Mark	Date	Description



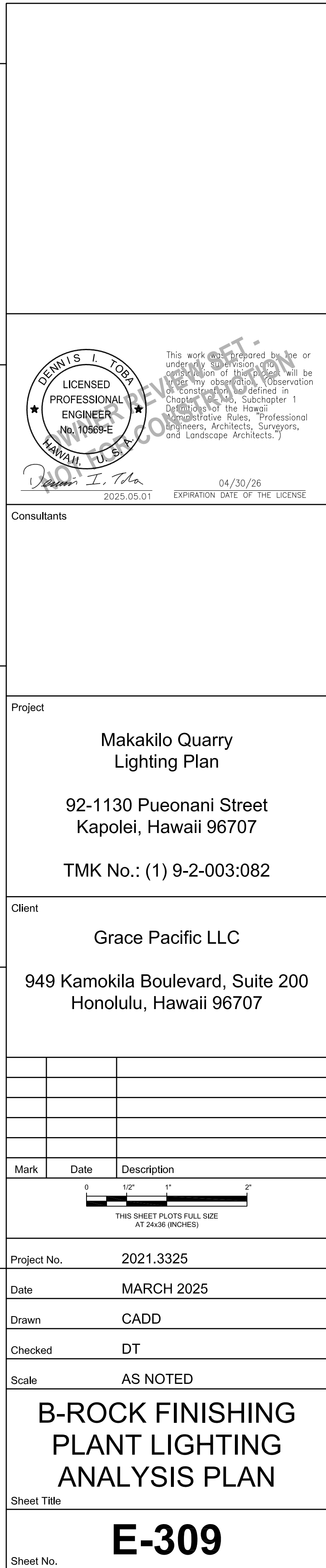
Project No.	2021.3325
Date	MARCH 2025
Drawn	CADD
Checked	DT
Scale	AS NOTED

PRIMARY SECONDARY PLANT LIGHTING ANALYSIS PLAN

Sheet Title

E-308

Sheet No.



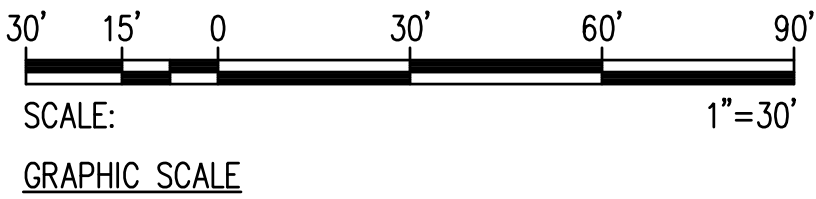
(K) MAINTENANCE SHEDS
Illuminance (Fc)
Average = 0.64
Maximum = 38.2
Minimum = 0.0
Avg/Min Ratio = N.A.
Max/Min Ratio = N.A.
Z = 0



1
E-310

MAINTENANCE SHED AREA LIGHTING ANALYSIS PLAN

SCALE: 1"=30'



NOTE: NORMAL OPERATION OF THE PLANT OCCURS ONLY DURING DAYTIME HOURS. HOWEVER, MAINTENANCE OR REPAIR ACTIVITIES MAY OCCASIONALLY BE REQUIRED AT NIGHT. DURING THESE SCHEDULED MAINTENANCE OR REPAIR PERIODS, PORTABLE GENERATOR-POWERED LIGHTING WILL BE USED. THESE TEMPORARY LIGHTS WILL BE PLACED ALONG THE SOUTHERN SIDE OF THE SITE AND ORIENTED NORTHWARD, TOWARD THE REAR OF THE QUARRY AND AWAY FROM KAPOLEI CITY. LIGHT FIXTURES WILL BE AIMED DOWNWARD TO MINIMIZE UPLIGHTING AND PREVENT ANY LIGHT SPILL BEYOND THE SITE BOUNDARIES.

Unpaved
Parking

Open
Storage

Portable
Lights

LT-1
MH: 18
Tilt: 30

Portable
Lights

LT-1
MH: 18
Tilt: 30

ILLUMINATION FALLS TO ZERO
BEYOND THIS POINT



This work was prepared by me or under my supervision and I will be responsible for its accuracy. I am a duly licensed Professional Engineer in the State of Hawaii, Subchapter 1 of the Hawaii Administrative Rules, "Professional Engineers, Architects, Surveyors, and Landscape Architects."

Dennis I. Toma
2025.05.01 EXPIRATION DATE OF THE LICENSE 04/30/26

Consultants

Project

Makakilo Quarry
Lighting Plan

92-1130 Pueonani Street
Kapolei, Hawaii 96707

TMK No.: (1) 9-2-003:082

Client

Grace Pacific LLC

949 Kamokila Boulevard, Suite 200
Honolulu, Hawaii 96707

Mark	Date	Description
------	------	-------------



Project No.	2021.3325
Date	MARCH 2025
Drawn	CADD
Checked	DT
Scale	AS NOTED

MAINTENANCE SHED
AREA LIGHTING
ANALYSIS PLAN

Sheet Title

E-310

Sheet No.

ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Kapolei, Oahu, Hawaii

2025

Appendix G

Traffic Circulation Plan

(SUP Condition #18 and Condition #3.c)

(2 pages)

DEPARTMENT OF PLANNING AND PERMITTING
KA 'OIHANA HO'OLĀLĀ A ME NĀ PALAPALA 'AE
CITY AND COUNTY OF HONOLULU

850 SOUTH KING STREET, 7TH FLOOR • HONOLULU, HAWAII 96813
PHONE: (808) 768-8000 • FAX: (808) 768-6041 • WEBSITE: honolulu.gov/dpp

RICK BLANGIARDI
MAYOR
MEIA



DAWN TAKEUCHI APUNA
DIRECTOR
PO'O

BRYAN GALLAGHER, P.E.
DEPUTY DIRECTOR
HOPE PO'O

REGINA MALEPEAI
2ND DEPUTY DIRECTOR
HOPE PO'O KUALUA

June 18, 2025

2025/ELOG-947 (MAK)
2024/CUP-28

Mr. Scott Komatsu
Vice-President
Grace Pacific LLC
P.O. Box 78
Honolulu, Hawaii 96810

Dear Mr. Komatsu:

SUBJECT: Lighting Plan and Traffic Circulation Plan
For Conditional Use Permit No. 2024/CUP-28 (CUP)
92-1130 Pueonani Street - Makakilo
Tax Map Keys 9-2-003: 074 and 084

We have reviewed the lighting plan, received June 10, 2025, and the traffic circulation plan, received May 21, 2025, and determined that the documents meet Conditions 3.b and 3.c of the above-referenced CUP. Should any changes be made to the approved plans in the future, further review and approval may be required.

Should you have any questions, please contact Michael Kat, of our Zoning Regulations and Permits Branch, at (808) 768 8013 or via email at michael.kat@honolulu.gov.

Very truly yours,

for A handwritten signature in blue ink, appearing to read "Dawn Takeuchi Apuna", is written over a light blue rectangular background.

Dawn Takeuchi Apuna
Director

1/2025

MAKAKILO QUARRY TRAFFIC CIRCULATION

4/15/2025

ASPHALT PLANT



AGGREGATE SALES



AGGREGATE SALES/ASPHALT PLANT



Old Kaneohe Rd

Image © 2025 Airbus

ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Kapolei, Oahu, Hawaii

2025

Appendix H

Renaturalization History and Status Report
(SUP Condition #2)

(2 pages)

Grace Pacific LLC
Makakilo Quarry 2024 Annual Compliance Report

Renaturalization Plan History and Update

2009-2011. A Renaturalization Plan (RP) was submitted by Belt Collins on November 6, 2009 for review and approval. (Appendix C to the 2009 Report). Modifications to the Renaturalization Plan were requested by DPP in a letter to Belt Collins dated August 24, 2010 (Appendix A to the 2010 Report). On March 28, 2011, Belt Collins wrote to DPP requesting a meeting with DPP to discuss the extent of the physical area that DPP wishes to include in the revised RP (Appendix C to the 2011 Report).

2012. In a letter dated February 2, 2012 (Appendix G to the 2012 Report) DPP identified the areas of concern and agreed on a two year trial period beginning January 2012 for an approach utilizing the broadcasting of seeds and reliance on natural rainfall. See also comments on SUP Condition No. 9.b in this Report.

2013. In a letter dated February 19, 2013 (Appendix D to the 2013 Report) DPP requested a status update of implementation of the two year trial. Grace Pacific responded on April 30, 2013 (Appendix G to the 2013 Report) with an aerial photo identifying the plot locations, plant propagation and the initial plantings (Attachments B, C and D respectively to the April 30th letter). Also attached to the 2013 Report as Appendix Q were September 2013 photos of the test plots.

2014. In an email dated December 20, 2013 (appendix A to the 2014 Report), DPP asked about earthwork outside of the approved excavation area. Grace Pacific responded on January 13, 2014 (Appendix B to this report) that area 1 was within the approved landscape grading area, and that area 2 reflected the placement of topsoil at former golf water features 9 and 10.

On May 5, 2014, DPP (Appendix C to the 2014 Report) wrote to Grace Pacific with guidance for revising the Renaturalization Plan and a request to have the revised plan submitted by June 1st. Grace Pacific, working with Belt Collins Hawaii, submitted a revised Renaturalization Plan on May 30, 2014 (Appendix J to the 2014 Report).

2015. In a letter dated August 27, 2015 (appendix C to this report) DPP approved the May 30, 2014 Renaturalization Plan and requested status reports in subsequent annual reports.

As of November 2015, the irrigation piping previously used to renaturalize the Lower Quarry site (Parcel 4) has been laid out on former golf Hole 9 and portions of former golf Hole 8 (sheets L-2.03, L-2.02 of the Renaturalization Plan, Appendix J of the 2014 report). See Appendix I to the 2015 report for photos of piping layout.

2016. Renaturalization of the area around former golf Hole 9 was completed in four phases during 2016. Photos of the grass in this area are provided in Appendix J to the 2016 Report. Additionally, grass was planted in three other areas, as shown in Appendix I of this report, in order to better control dust and improve the visual aesthetic of the site. The plantings were a mix of buffell grass, rye, and bermuda.

The areas around former golf Hole 8 and the former driving range are scheduled for renaturalization in 2017. This will complete the May 30, 2014 Phase I Renaturalization Plan (Appendix J to the 2014 Report). Subsequently, Grace Pacific will prepare and submit the Phase II Renaturalization Plan.

2017. No new renaturalization projects were undertaken in 2017.

2018. No new renaturalization projects were undertaken in the current reporting period.

2019. No new renaturalization projects were undertaken in the current reporting period.

2020. No new renaturalization projects were undertaken in the current reporting period. It was discovered that golf Hole 8 was renaturalized in 2016, only the driving range remains to be scheduled. Renaturalization of the driving range may be placed on hold as Grace Pacific Quarry plans are being re-evaluated which affects that area. Grace Pacific is seeking assistance to complete the Phase II Renaturalization Plan.

2021. Renaturalization of the driving range is unnecessary as it is currently being quarried. Grace Pacific has contracted a consultant to complete the Phase II Renaturalization Plan.

2022. Renaturalization projects were not undertaken in the current reporting period. The Phase II Renaturalization Plan has been placed on hold as Grace Pacific requests an amendment to the SUP/CUP permit.

2023. Renaturalization projects were not undertaken in the current reporting period. The Phase II Renaturalization Plan has been placed on hold as Grace Pacific requests an amendment to the SUP/CUP permit.

2024. No new renaturalization projects were undertaken in the current reporting period.

2025. No new renaturalization projects were undertaken in the current reporting period.

ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Kapolei, Oahu, Hawaii

2025

Appendix I

VRP History and Status Report for Lower Quarry
(SUP Condition #4)

(2 pages)

Grace Pacific LLC
Makakilo Quarry 2025 Annual Compliance Report

Lower Quarry (Parcel 4) Voluntary Response Program (VRP) History and Update

2012. Based upon DPP's December 27, 2011 request (Appendix D to the 2012 Report) to be kept apprised of the Voluntary Response Plan (VRP) for the environmental remediation of the Lower Quarry site, Grace Pacific attached to the 2012 Report as Appendices N, O and P respectively, the VRP Agreement between Grace Pacific and the State of Hawaii Department of Health (DOH) dated October 2011; an Amendment to the VRP Agreement dated September 20, 2012 amending the scope of the work; and the Schedule of Work dated October 8, 2012, prepared in accordance with Exhibit B, Attachment 1 of the VRP Agreement .

2014. Grace Pacific met with the SLUC staff on May 14th to discuss the VRP and the impact of the VRP on the November 6, 2014 deadline to return the Lower Quarry (Parcel 4) to landscaped open space. Grace Pacific decided to give priority to meeting the November 6th landscaped open space deadline. Grace discussed this change in priorities with the DOH, and agreed to address the DOH's concerns by documenting where soil was moved to within the Lower Quarry site and revising the site characterization work plan to reflect the changes in the site conditions. In a letter dated May 30, 2014, (Appendix F to the 2014 Report), Grace notified DPP that it would begin landscaping as soon as possible to meet the November 6th deadline.

2015. A status report for the VRP, prepared by Environmental Science International, is attached to the 2015 Report as Appendix H.

2016. As previously noted, the site has been returned to landscaped open space as required by this condition. A status report for the VRP, prepared by Environmental Science International, is attached to the 2016 Report as Appendix H.

2017. A status report for the VRP, prepared by Environmental Science International, is attached to the 2017 Report as Appendix F.

2018. A status report for the Voluntary Response Program (VRP), prepared by Grace Pacific is provided below.

- The Site Characterization Report was submitted to DOH on June 15, 2018 for their review.
- ESI is currently conducting the Environmental Hazard Evaluation (EHE) which assesses potential hazards to human health and the environment posed by contamination at the Site. ESI is completing a leaching assessment which will be included in the EHE they are preparing.

The next phases of work include the following:

- Revise the Site Characterization Report, based on DOH comments, if necessary.
- Complete the Leaching Assessment.
- Complete the EHE.
- Prepare the Remedial Alternative Analysis.

2019. A status report for the Voluntary Response Program (VRP), prepared by Grace Pacific is provided below.

- The Site Characterization Report was concurred with by the DOH in September 11, 2018. The recommendation was to proceed to the VRP Task 5 Environmental Hazard Evaluation (EHE).
- The EHE, inclusive of the Leaching Assessment, for the Grace Pacific Lower Makakilo Facility Voluntary Response Program dated July 18, 2019 was accepted by DOH on August 8, 2019. DOH requested for the Environmental Hazard Management Plan (EHMP) to be developed.
- The EHMP is in the process of being completed.
- Grace Pacific decided to terminate the VRP agreement since Grace Pacific's intent is to develop the parcel. Once the EHMP is accepted by DOH the agency will be able to terminate the VRP agreement with Grace Pacific.

The next phases of work include the following:

- Complete the EHMP and achieve DOH acceptance.
- Terminate the VRP agreement.

2020. The EHMP is in the process of being completed.

2021. The EHMP has been placed on hold while the property is re-evaluated.

2022. The EHMP continues to be on hold while the property is re-evaluated.

2023. A notification to terminate participation in the VRP dated August 20, 2019 was submitted to the DOH. The EHMP was submitted to the DOH on November 30, 2023.

2024. As of May 10, 2024 DOH provided acknowledgement of notification to terminated participation in the VRP dated August 20, 2019 was received and is under review. The EHMP was submitted to the DOH on November 30, 2023.

2025. The Hawaii Department of Health (HDOH) Hazard Evaluation and Emergency Response Office has formally approved the Project-Specific Construction Environmental Hazard Management Plan (C-EHMP), Version 2, for mass grading activities on Parcel 4. The approval letter, dated August 20, 2025, confirms that all previous comments have been adequately addressed.

ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Kapolei, Oahu, Hawaii

2025

Appendix J

UXO History and Status Report
(SUP Condition #6)

(2 pages)

Grace Pacific LLC
Makakilo Quarry 2025 Annual Compliance Report

UXO History and Status Report for Open Space Buffer Area.

2012. On November 8, 2011, a brush fire occurred in the buffer zone to the south and west of the Upper Quarry pit. DPP notified Grace Pacific that the Honolulu Fire Department (HFD) discovered old military munitions (unexploded ordnance or UXO) in the area of the fire. (Appendix C to this Report). Grace Pacific contacted HFD to obtain the map of the location of the munitions (Appendix C to this Report). The UXO was removed by the US Army's 303rd Explosive Ordnance Battalion.

The US government is ultimately responsible for the disposition of munitions under the Military Munitions Rule, and that responsibility has been delegated to the US Army Corps of Engineers (USACE). The USACE did not have funding in FY 2013 to conduct a thorough evaluation of past military activities in the Makakilo area. Grace Pacific worked with the USACE and Senator Inouye's office to request "plus-up" funding for the USACE's Formerly Used Defense Sites (FUDS) Program. If appropriated, the plus-up funding would allow the USACE to initiate a thorough evaluation of past military activities and mitigate any potential safety hazards as appropriate.

2013. DPP in a letter dated February 19, 2013 (Appendix D to the 2013 Report), requested an update on progress of establishing fire break zones. Grace Pacific responded, in a letter dated April 30, 2013 (Appendix G to the 2013 report), that Grace was working with the Army Corps of Engineers and Senator Schatz's office to obtain funding for an investigation and cleanup. Grace had also posted warning signs on the property line fencing at the recommendation of the Army Corps.

2014. The Army Corps of Engineers has \$50 million in plus-up monies in the FY15 budget, however, it is difficult to get funding for new starts. On-going discussions continue with Army Corps of Engineers and Hawaii's Congressional Delegation for potential funding.

2015. In 2015, plus-up funding was received and used to conduct the Army Corps of Engineers research (via the ACOE's St. Louis office). The Army Corps still needs to determine eligibility and at this time the documents reviewed as to land leases or sub-leases are not conclusive. The St. Louis office is continuing their research and will put a report together for headquarters.

2016. Ongoing operations are in compliance with this condition. As of September 2016, the Army Corps of Engineers still has not determined eligibility for adding the site to the Formerly Used Defense Site (FUDS) program. They are continuing to search for historical leases or subleases.

2017. Randy Curtis, Chief of Research and Technical Services for the Environmental & Munitions Branch, Army Corps of Engineers, completed his work relating to the Findings and

Determination of Eligibility (FDE) and was routed internally for review and then submitted to the Division Commander.

2018. There has been no progress during this year.

2019. The Grace Pacific Makakilo Site was deemed eligible for the FUDS Program. The FUDS Project Manager requested project funds for FY 2020.

2020. The Grace Pacific Makakilo Site is within the FUDS Program. The FUDS Program completed a draft Preliminary Assessment. The Site warranted additional investigation of the Makalapa Gulch Range located between the Makakilo Quarry pit and the Kahiwelo subdivision. The draft Preliminary Assessment is in the process of being finalized.

2021. The Preliminary Assessment was finalized, dated April 2021. The Site warranted additional investigation of the Makalapa Gulch Range located between the Makakilo Quarry pit and the Kahiwelo subdivision.

2022. No new updates this year. The USACE continues to work on this FUDS Site.

2023. No new updates this year. The USACE continues to work on this FUD Site by seeking input from regulatory agencies.

2024. No new updates this year. The USACE continues to work on this FUD Site by seeking input from regulatory agencies. Continued updates from the USACE are ongoing.

2025. No new updates this year. The USACE continues to work on this FUD Site by seeking input from regulatory agencies. Continued updates from the USACE are ongoing.

ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Kapolei, Oahu, Hawaii

2025

APPENDIX K

Beneficial Re-use Plan History and Status Report
(SUP Condition #10 and CUP Condition #3)

(3 pages)

Grace Pacific LLC
Makakilo Quarry 2024 Annual Compliance Report

Beneficial Re-use Plan History and Update

2013. The initial 2013 Makakilo Quarry Beneficial Re-Use Plan was delivered as an enclosure with the 2013 Annual Report.

2014. In a letter dated May 5, 2014, (Appendix C to the 2014 Report) DPP commented on the Beneficial Re-use Plan (filed November 14, 2013 with DPP and the SLUC), and asked that alternative scenarios be considered and that a revised Re-use Plan be filed by November 6, 2014. Grace Pacific, working with consultant R.M. Towill, revised the Re-use Plan, and filed the Plan with DPP on October 28, 2014 (Appendix L to the 2014 Report).

2015. In a letter dated August 27, 2015, (Appendix C to the 2015 Report) DPP approved the revised Beneficial Re-use Plan. DPP posed questions as to the scope of the Plan and funding strategies. Grace Pacific responded to these in a letter dated September 30, 2015 (Appendix D to the 2015 report).

In the August 27th letter, DPP asked about the integration of the required public access (Condition #10 above) and the various re-use scenarios. Grace Pacific notes that there are two required accesses: 1) the “feasible circulation patterns in and around the site” (arising from LUO Section 5.520) and 2) the “public access... across the project in which safe pedestrian/bicycling passage can be established.” (such language being specific to this permit).

As to access 1), Figures 8 through 11 of the revised Re-use Plan show an orange arrow labelled “Site Access” approaching the pit from north. This access road will be used for each of the four Alternatives presented and will tie in to the future Makakilo Drive Extension. The Extension, in turn, will tie into the H-1 Freeway/Kualakai Parkway intersection.

As to access 2), it is important to note that pedestrian/bicycling passage, described as the “Suggested Public Access Road” in Figure 6, Zoning Map, on page 2-6 of the revised Re-use Plan, follows (approximately) the 700 foot elevation contour at the upper mauka boundary of the Landscape Grading Area of Figures 8-11, and is neither proximate nor relative to the beneficial re-uses depicted in Figures 8-11 of the revised Plan. The beneficial re-uses of Figures 8-11 take place on the quarry floor, at elevations ranging from 250 feet to 475 feet.

DPP also asked that the Quarry closure plan address contaminated soils, anticipating that, as with the Lower Quarry site, soils in and around the pit may require cleanup or containment. Grace Pacific adds the following new section 2.5.4 to the 2014 Revised Beneficial Re-use Plan. Future updates of the Plan will incorporate this new section.

2.5.4 Environmental Assessment

Ongoing compliance with Federal and State environmental regulations, such as the implementation of Best Management Practices, is expected to minimize the potential for contaminated soils arising from quarry operations.

During the final closure process in 2032, the site will be assessed to determine possible hazards to human health and the environment. The scope of the assessment will depend on the nature of the anticipated use of the property after quarry closure (i.e., commercial/industrial, residential, etc.), but will likely include subsurface sampling of the soil and groundwater for contaminants of potential concern. The environmental assessment, and any remedial activities (if required) will conform to all applicable Federal, State, and Local requirements.

2016. Grace Pacific is participating in DTS's planning activities related to the proposed extension of Makakilo Drive in order to ensure suitable egress for the required pedestrian/bicycle public access is incorporated in the design, as required by this SUP Condition.

2017. There was no correspondence or action taken on the Beneficial Re-use plan in the current reporting period.

2018. There is no update to the Beneficial Re-use plan in the current reporting period, therefore, the submitted and approved Beneficial Re-use plan dated October 27, 2014 will be in effect. Grace Pacific has included potential beneficial re-use ideas in the attached Summary of Intent. Grace Pacific also has a potential interest to extend quarry activities an additional 10 years beyond the year 2032.

2019. There was no correspondence or action taken on the Beneficial Re-use plan in the current reporting period.

2020. Grace Pacific has outlined a schedule for the next Beneficial Re-use plan update in 2023. Grace Pacific will also re-evaluate previous and current options in consideration of the planned urban areas that surround the Makakilo Quarry as requested by DPP.

2021. In the past and as of December 2021, Grace Pacific does not have any updated or firm plans for re-use, therefore the 2014 plan remains in effect. Grace Pacific continues to explore the feasibility of the various re-use ideas, such as renaturalization, recreation, agriculture, energy facility, and urban use. Grace Pacific has planned for the next Beneficial Re-use plan update in 2022 in support of the SUP/CUP permit amendment requests planned for 2022. Grace Pacific will also re-evaluate previous and current options in consideration of the planned urban areas that surround the Makakilo Quarry as requested by DPP.

2022. Grace Pacific produced an updated BRP dated August 31, 2022. It was submitted on September 9, 2022 to the Department of Planning and Permitting (DPP) City and County of Honolulu and the State of Hawaii Land Use Commission (LUC). Grace Pacific does not have firm plans for re-use and we continue to explore various options.

2023. Grace Pacific does not have firm plans for re-use and we continue to explore various options. In addition, Grace Pacific has requested an amendment to the SUP/CUP and the outcome may affect re-use plans.

2024. The Grace Pacific SUP amendment was approved on September 9, 2024. We are applying for a CUP amendment to redesign the east side grading plan and the "Kunia Berm." Grace Pacific will reassess installing a storm water interceptor ditch to manage runoff from the berm. The project depends on the berm redesign, NPDES permit conditions, and development options, with compliance to regulations if deemed feasible.

2025. The Land Use Commission's approval of the amended Special Use Permit on September 9, 2024, established a new cessation date of December 31, 2047. This extended timeline fundamentally alters the planning horizon for the Beneficial Re-use Plan (BRP).

Considering this extension, the BRP dated August 31, 2022, is under review. Grace Pacific is initiating the process to update the Beneficial Re-use Plan to align with the new operational timeframe. This update will re-evaluate all previous scenarios and consider new possibilities for the quarry's final landform and end-uses. The updated plan will be developed to meet the next five-year submittal deadline as outlined in the permits.

Progress on the east side grading plan and Kunia Berm redesign, which are part of the ongoing Conditional Use Permit amendment process, will inform the technical basis for the future BRP update.

ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Kapolei, Oahu, Hawaii

2025

Appendix L

Sanitary Landfill Maintenance History and Status Report
(SUP Condition #16)

(2 pages)

Grace Pacific LLC
Makakilo Quarry 2024 Annual Compliance Report

Sanitary Landfill Maintenance History and Update.

2016. In 2016, Grace Pacific initiated the Former Palailai Landfill Cover Restoration Project in order to improve and repair the condition of the landfill cover. A description of the project was sent to the LUC and the DPP (Appendix A to the 2016 Report).

2017. The Former Palailai Landfill Cover Restoration Project is ongoing. Completion of the project is anticipated during the first half of 2018. Notification will be sent to the State Land Use Commission and the Department of Planning and Permitting upon completion.

2018. The Former Palailai Landfill Cover Restoration Project is ongoing. Completion of the onsite construction activities were completed in June 2018. Documentation of the Former Palailai Landfill Cover Restoration Project is anticipated to be complete in early 2019.

2019. The Former Palailai Landfill Cover Restoration Project Completion Report dated November 27, 2019 has been completed. Grace Pacific continued to maintain and monitor the Former Palailai Landfill.

2020. Grace Pacific continued to maintain and monitor the Former Palailai Landfill. The Former Palailai Landfill annual Monitoring and Maintenance Status Report, dated September 2020, was completed for calendar year 2019 as it is an annual occurrence. It summarizes the general landfill maintenance, gas and groundwater monitoring, grading and drainage monitoring.

2021. Grace Pacific continued to maintain and monitor the Former Palailai Landfill. The Former Palailai Landfill Annual Monitoring and Maintenance Status Report was completed for calendar year 2020.

2022. Grace Pacific continued to maintain and monitor the Former Palailai Landfill. The Former Palailai Landfill Annual Monitoring and Maintenance Status Report was completed for calendar year 2021.

2023. Grace Pacific continued to maintain and monitor the Former Palailai Landfill. The Former Palailai Landfill Annual Monitoring and Maintenance Status Report was completed for calendar year 2022. The Former Palailai Landfill continues to be maintained in good condition.

2024. Grace Pacific continued to maintain and monitor the Former Palailai Landfill. The Former Palailai Landfill Annual Monitoring and Maintenance Status Report was completed for calendar year 2023. The former Palailai Landfill continues to be maintained in good condition. Furthermore, we have met the SUP conditions related to the closure of operations for Palailai.

2025. Grace Pacific continued to maintain and monitor the Former Palailai Landfill. The Former Palailai Landfill Annual Monitoring and Maintenance Status Report was completed for

calendar year 2024. The former Palailai Landfill continues to be maintained in good condition. Furthermore, we have met the SUP conditions related to the closure of operations for Palailai.