Alcohol and Marijuana Control Office
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Anchorage, AK 99501
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Alaska Marijuana Control Board

# Operating Plan Supplemental
# Form MJ-04: Marijuana Cultivation Facility

**What is this form?**

This operating plan supplemental form is required for all applicants seeking a marijuana cultivation facility license and must accompany **Form MJ-01: Marijuana Establishment Operating Plan**, per 3 AAC 306.020(b)(11). Applicants should review **Chapter 306: Article 4 of the Alaska Administrative Code.** This form will be used to document how an applicant intends to meet the requirements of the statutes and regulations.

If your business has a formal operating plan, you may include a copy of that operating plan with your application, but all fields of this form must still be completed per 3 AAC 306.020 and 3 AAC 306.420(2).

**What additional information is required for cultivation facilities?**

Applicants must identify how the proposed establishment will comply with applicable regulations regarding the following:

- Prohibitions
- Cultivation plan
- Waste disposal
- Odor control
- Testing procedure and protocols
- Packaging and labeling

**This form must be completed and submitted to AMCO's main office before any new or transfer application for a standard marijuana cultivation facility or limited marijuana cultivation facility license will be considered complete.**

## Section 1 – Establishment Information

Enter information for the business seeking to be licensed, as identified on the license application.

| | | | | | |
|---|---|---|---|---|---|
| **Licensee:** | AK Legend LLC | **MJ License #:** | | 32367 | |
| **License Type:** | Standard Marijuana Cultivation Facility | | | | |
| **Doing Business As:** | AK Legend Gardens | | | | |
| **Premises Address:** | 7750 King St | | | | |
| **City:** | Anchorage | **State:** | Alaska | **ZIP:** | 99518 |

# Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental

## Section 2 – Overview of Operations

**2.1. Provide an overview of your proposed facility's operations. Include information regarding the flow of marijuana from seed or clone to harvest and transfer from your premises:**

Any and all marijuana cultivated at AK Legend Gardens will be fully tracked from seed/clone to sale or destruction in METRC. Clone batches of up to 50 and individual plants that have reached 8" will be tagged and given a METRC tracking number. Individual marijuana strains will be harvested in batches not exceeding 10lbs and assigned a METRC harvest batch number. Random samples will be taken from each batch and sent to a licensed testing facility. While testing is being done the batch will be segregated and stored in a clean, cool environment to ensure it remains free from contamination until testing is finished. Once testing has concluded it can be transported to another licensed facility. All transfers of marijuana to other licensed facilities will be done in compliance with state and local regulations. Each transfer of marijuana will be furnished with a transport manifest from METRC. Shipments of marijuana not to exceed 10lbs will be sealed in containers and stored in a locked storage compartment with the transport vehicle or bed of the truck. Shipments will consist of either bulk transactions or up to one ounce containers for resale to licensed retailers without further packaging. All transfers to other licensed facilities will be in accordance with state and local regulation. Package labels will be furnished with the name and license number of the facility, date of harvest, harvest batch numbers, packaging date, net weight and quantity in measurements compatible with the inventory tracking system, and a complete list of all pesticides, fungicides, and herbicides used during cultivation

## Section 3 – Prohibitions

Review the requirements under 3 AAC 306.405 and 3 AAC 306.410.

**3.1. I certify that the marijuana cultivation facility will not:** Initials

a. **sell, distribute, or transfer any marijuana or marijuana product to a consumer, with or without compensation;** [illegible]

b. **allow any person, including a licensee, employee, or agent, to consume marijuana or marijuana product on the licensed premises or within 20 feet of the exterior of any building or outdoor cultivation facility; or** [illegible]

c. **treat or otherwise adulterate marijuana with any organic or nonorganic chemical or compound to alter the color, appearance, weight, or odor of the marijuana.** [illegible]

## Section 4 – Cultivation Plan

Review the requirements under 3 AAC 306.420 and 3 AAC 306.430.

**4.1. Describe the size of the space(s) the marijuana cultivation facility intends to be under cultivation, including dimensions and overall square footage. Provide your calculations below:**

Flower Room #1
21'8" x 19'3"
406 sq ft

Flower Room #2
21'8"x 19'5"
410 sq ft

Mother/Clone,Veg Room
24'10"x 10'0"
249 sq ft

Total area under cultivation
1065 sq ft



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You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

**4.2. The proposed area(s) for cultivation are clearly identified on the Form MJ-02: Premises Diagram that is submitted with this application.** ☑

Answer "Yes" or "No" to the following question: Yes No

**4.3. Will the marijuana cultivation facility include outdoor production?** ☐ ☑

**If "Yes", describe the outdoor structure(s) or the expanse of open or clear ground and how it is fully-enclosed by a physical barrier:**

**4.4. Describe the method(s) used to ensure that any marijuana at the marijuana cultivation facility, whether indoors or outdoors, cannot be observed by the public from outside the facility:**

All cultivation, curing, processing and packaging will be conducted within the facility. The only visual access point are 4 windows which will be covered in steel security louvers preventing any cultivation activities to be viewable from outside. AK Legend Gardens will ensure that marijuana cannot be visable by the public from either door into the facility.AK Legend Gardens will make sure all marijuana products transported out of the facility are properly stored, labeled, and prepared for delivery within the facility prior to loading in a transport vehicle. Transport vehicles will be discreetly loaded in the back parking lot.

**4.5. Describe the marijuana cultivation facility's growing medium(s) to be used:**

AK Legend Gardens will use a varity of growing mediums. Including rock-wool, coconut shell fibers, peat moss, perlite, vermiculite, bio-char, soil and sand. Manufactures include: Grodan, Char-Coir, Botanicare, Royal Gold, Mother Earth, Flora-Flex, GROW!T, Roots Organics, Fox Farm, Pro-Mix, CYCO, House and Garden, Rogue Soil, Soul, General Hydroponics, and Gold Label

**4.6. Provide the complete product name and EPA registration # (if applicable) for each of the cultivation facility's pesticide and pest control product to be used. All proposed products must be on DEC's list of approved pesticides in the state of Alaska:**

AK Legend Gardens does not anticipate the need or use for any pesticides. Multiple steps have been taken to safe guard against insect infestations, including air curtains, a "no street clothes or shoes" policy in the growing rooms, and all outside air being pulled into the facility's growing rooms is pre filtered with HEPA filters. If the case arises and pesticides are needed, AK Legend Garden's may use approved pesticides for the cannabis industry from the State of Alaska DEC's approved list

**4.7. Describe all other fertilizers, chemicals, gases, and delivery systems, including carbon dioxide management, to be used at the marijuana cultivation facility:**

AK Legend Gardens will use the following items as fertilizer: Nitrogen, Potassium, Phosphorus, Calcium, Sulfur, Magnesium, Iron, Boron, Manganese, Copper, Zinc, Molybdenum, Chlorine, Nickel and Silicon. Manufactures include: Hydroponic Research (VEG+BLOOM), Botanicare, Emerald Harvest, Emerald Triangle, Xtreme Gardening, SuperThrive, Down to Earth, Fox Farm, Soul, Roots Organics, Advanced Nutrients, Remo, General Hydroponics, Cutting Edge Solutions, Nectar for the Gods, Flora Flex, and Microbe Life Hydro. AK Legend Gardens may use the following oils as a preventive: corn, thyme, and neem. A low pressure pump driving irrigation system will be used in the flower rooms to minimize water and nutrient solution waste.
AK Legend Gardens plans to use CO2 in the flower rooms to increase yields. CONTINUED ON PAGE 7



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**4.8. Describe the marijuana cultivation facility's irrigation and waste water systems to be used:**

A low pressure pump driven irrigation system will be used in both flower rooms. This will allow for controlled automated waterings to minimize water and nutrient solution waste. All water used will be pre-filtered by a reverse osmosis system to remove all minerals, impurities, chlorine, flouride, ect. Any runoff will be introduced to the sewer system. The mothers and clones will be handwatered, run off will be re-used and any remaining will be introduced into the sewer system.

## Section 5 – Waste Disposal

Review the requirements under 3 AAC 306.740.

You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

**5.1. The marijuana cultivation facility shall give the board at least three days written notice required under 3 AAC 306.740(c) before making marijuana waste unusable and disposing of it.**

**5.2. Describe how you will store, manage, and dispose of any solid or liquid marijuana waste, including wastewater generated during marijuana cultivation, in compliance with any applicable laws. Include details about the material(s) you will mix with ground marijuana waste and the processes that you will use to make the marijuana waste unusable for any purpose for which it was grown:**

The following will be deposed of: marijuana that has been identified as contaminated or infected, fails AK Legend Gardens quality control parameters, or fails to meet quality testing, waste from flowering plants, plant material and trimmings, any materials, containers, vessels, or devices in contact with marijana that risk possible contamination, any majiuana deemed waste by Licensees, managers, AMCO or the MCB. AMCO will be notified by email no later than 3 days prior to rendering marijuana waste unusable, also entered into METRC. Marijuana waste will be rendered unusable by grinding the marijuana material and mixing it with no more that 50% marijuana waste with other compostable and non-compostable non-marijuana material such as cardboard, food waste, paper and yard waste. A log will be maintained on the status of all waste, tracking type, date of disposal, date rendered unusable, reasoning for disposal, and final waste destination. All marijuana waste will be segregated and stored in the facility away from all other marijuana in a locked and secure container.



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## Section 6 – Odor Control

Review the requirements under 3 AAC 306.430.

| Answer "Yes" or "No" to the following question: | Yes | No |
|---|---|---|
| **6.1. Have you received an exemption from your local government for the odor control requirement set forth in 3 AAC 306.430(c)(2)?** | ☐ | ☑ |

| If "Yes", you must be able to certify the statement below. Read the following and then sign your initials in the box: | Initials |
|---|---|
| **I am attaching to this form documentation of my odor control exemption from the local government.** | |

**If "No" to question 6.1., describe the odor control method(s) to be used and how the marijuana cultivation facility will ensure that any marijuana at the facility does not emit an odor that is detectable by the public from outside the facility:**

AK Legend Gardens was engineered to not omit any marijuana odor. All air being exhausted from the facility is prefiltered with carbon filters. Filters will be replaced frequently.

## Section 7 – Testing Procedure and Protocols

Review the requirements under 3 AAC 306.455 and 3 AAC 306.465.

| You must be able to certify each statement below. Read the following and then sign your initials in the corresponding box: | Initials |
|---|---|
| **7.1. I understand and agree that the board or director will, from time to time, require the marijuana cultivation facility to provide samples of the growing medium, soil amendments, fertilizers, crop production aids, pesticides, or water for random compliance checks.** | |
| **7.2. I will ensure that any individual responsible for collecting random, homogenous samples for required laboratory testing under 3 AAC 306.455 will prepare the necessary accompanying signed statement, provide the signed statement to the marijuana testing facility, and maintain a copy as a business record under 3 AAC 306.755.** | |

**7.3. Describe the testing procedures and protocols the marijuana cultivation facility will follow:**

Harvested marijuana will be processed into harvest batches that will not exceed 10lbs. Licensees or managers will gather random testing samples from each individual batch. The individual who collected the sample will generate a signed statement stating each sample was in fact randomly selected, which they will provide to the testing facility and keep an additional copy as a business record. AK Legend Gardens will ensure the person transporting testing samples to a licenced testing facility has a valid marjuana handlers card. All sample transports will be in accordance with state and local regulations. Harvest batches will remain segregated and secure while waiting for testing results. All testing reports will be considered business records and stored accordingly. At any time AMCO may request samples of the following: soil amendment, fertilizers or nutrients, growing mediums, pesticides, water, or any crop production aides. AK Legend Gardens will happily comply with any requests.



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## Section 8 – Packaging and Labeling

Review the requirements under 3 AAC 306.470 and 3 AAC 306.475.

| Answer "Yes" or "No" to the following question: | Yes | No |
|---|---|---|
| **8.1. Will the marijuana cultivation facility be packaging marijuana for a retail marijuana store to sell to a consumer without repackaging?** | ☑ | ☐ |

**If "Yes", describe how the marijuana cultivation facility will ensure that the marijuana sold will meet the packaging requirements in 3 AAC 306.470, and provide a sample label that the facility will use to meet the labeling requirements set forth in 3 AAC 306.475:**

Each shipping container or vessel from AK Legend Gardens will have labeling stating that each batch in the shipment has been tested by a licensed testing facility it will also contain the following: Date of final testing, cannabinoid potency profile-expressed as a range of percentages that extends from the lowest percentage to the highest percentage of concentration of each cannabinoid listed from each test conducted on that particular strain of marijuana from the same marijuana cultivation facility in the last 3 months, a statement listed the results of microbial testing, a statement listing the results of residual solvent testing, as applicable, and a statement listing the contaminants for which the product was tested-including molds, mildew, filth, herbicides, pesticides, fungicides, and harmful chemicals. Packaging done at the facility will be done in an area monitored with 24 hour video surveillance. All packaging will be done in a uniform manner with labels clearly and securely displayed. All products will be weighed on certified scales in compliance with the Alaska Weights and Measures Act. Scale registration and inspection reports will be held at the facility. CONTINUED ON PAGE 7

| Answer "Yes" or "No" to the following question: | Yes | No |
|---|---|---|
| **8.2. Will the marijuana cultivation facility be packaging marijuana in wholesale packages?** | ☑ | ☐ |

**If "Yes", describe how the marijuana cultivation facility will ensure that the marijuana sold will meet the packaging requirements in 3 AAC 306.470, and provide a sample label that the facility will use to meet the labeling requirements set forth in 3 AAC 306.475:**

Wholesale packages of marijuan will be sold in harvest batches not to exceed 10 lbs to other licensed facilities. Wholesale packages may consist of a single strain or a mixture of stains clearly identified on the label. Plastic packaging will be heat-sealed without easy open tabs, flabs, or dimples. All packaging will be inspected by Licensees or manager to ensure they will secure the marijuana from contamination. Labeling will include the date of final testing, the cannabinoid potency profile-expressed as a range of percentages that extends from the lowest percentage to the highest percentage of concentration of each cannabinoid listed from each test conducted on that particular strain of marijuana from the same marijuana cultivation facility in the last 3 months, a statement listed the results of microbial testing, and a statement listing the contaminants for which the product was tested-including molds, mildew, filth, herbicides, pesticides, fungicides, and harmful chemicals

**I certify that as a marijuana cultivation facility, I will submit monthly reports to the Department of Revenue and pay the excise tax required under AS 43.61.010 and AS 43.61.020 on all marijuana sold or provided as a sample to a marijuana establishment, as required under 3 AAC 306.480.**

I declare under penalty of unsworn falsification that this form, including all accompanying schedules and statements, is true, correct, and complete.

Signature of licensee

Jered Buss

Printed name of licensee

"Official Seal" Notary Public Brittany Finger State Of Alaska Commission #1416172004 Expires 10/17/2022

Notary Public in and for the State of Alaska

My commission expires: 10/17/22

Subscribed and sworn to before me this 23rd day of March, 2022.



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**(Additional Space as Needed):**

CONTINUED FROM 4.7: This will be supplied by pressurized cylinders. Sensors will be installed in each room to maintain PPM of CO2 in the rooms and communicate with the exhaust fans in case PPMs exceed the set point. Bleach, hydrogen peroxide and isopropyl alcohol will be also used as cleaning agents

CONTINUED FROM 8.1: Once packaged, products will be placed in air-tight, sanitized vessels, labeled with the appropriate compliant information, and provided with a barcode for the inventory control system. Packaging will be child restaurant and not appealing to children, plastic packaging will be heat sealed without easy open tabs, flabs, or dimples. All packaging will be inspected to ensure they will secure the marijuana from contamination. Labeling will include the name and license number of the cultivation facility, the date the marijuana was harvested, harvest batch number, date the marijuana was packaged, weight and quantity of usual marijuana in a standard of measure compatible with the inventory tracking system, and list of all pesticides, fungicides, and herbicides used in the cultivation of the marijuna



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## SITE LIGHTING ANALYSIS-PARKING

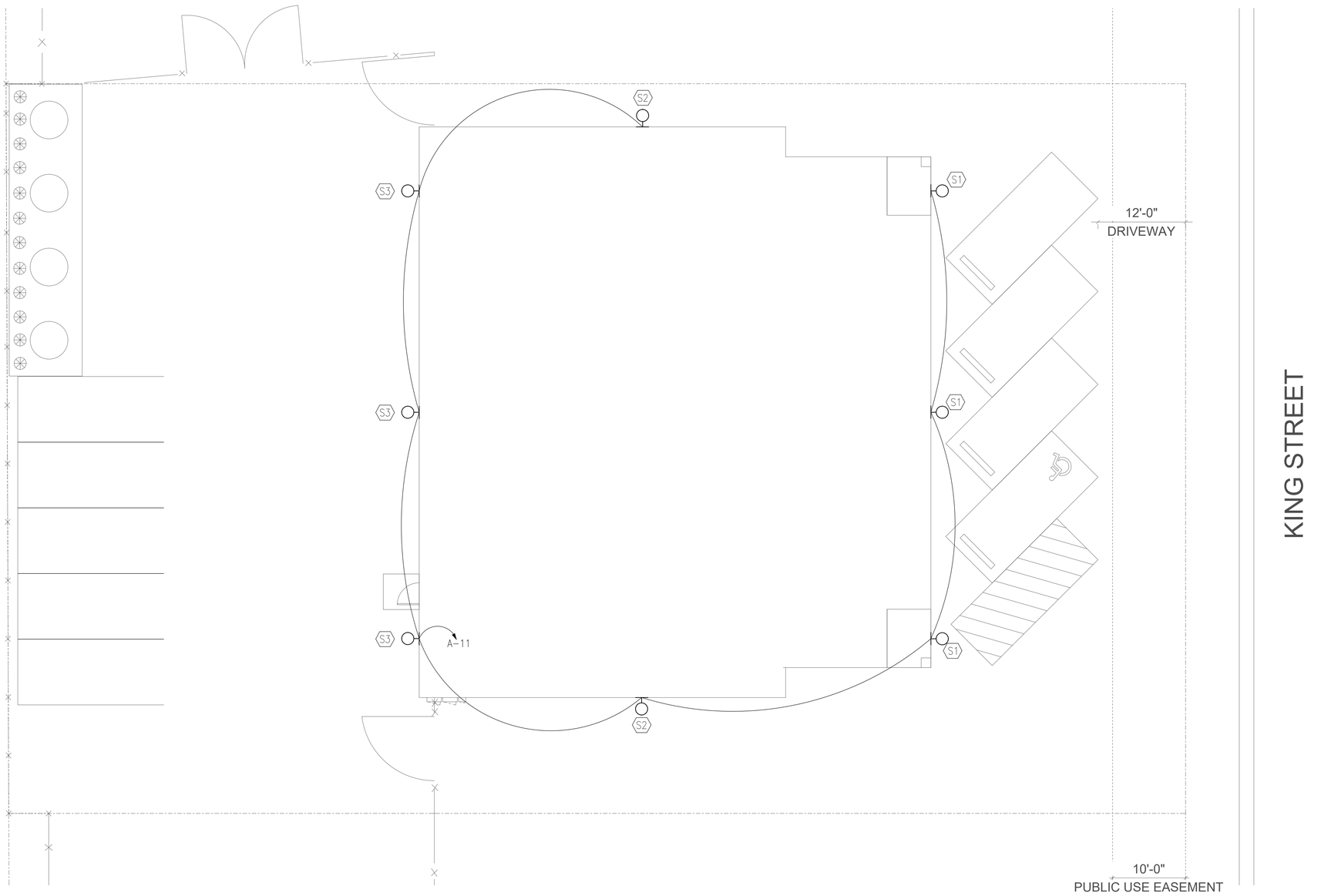
| | REQUIRED: | DESIGNED: |
|---|---|---|
| MINIMUM HORIZONTAL ILLUMINANCE: FOOTCANDLES | .2 fc | .2 fc |
| UNIFORMITY RATIO, Max/Min: | 20:1 | 17:1 |

THE PARKING AREA LIGHTING MEETS THE LEVEL OF ILLUMINATION, UNIFORMITY RATIOS AND MINIMUM LUMEN INTENSITIES SPECIFIED IN THE ILLUMINATION GUIDELINES SET BY THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA, AND THE MUNICIPALITY OF ANCHORAGE TITLE 21, SECTION 21.07.100, IN ADDITION, THE LIGHTING IS DESIGNED TO PREVENT GLARE TO MOTORISTS ON PUBLIC STREETS AND TO RESIDENTS OF ADJOINING PROPERTIES IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS.

## GENERAL NOTES:

A. DEMOLISH EXISTING EXTERIOR FIXTURES AND PULL WIRING BACK TO SOURCE.

B. SEE SHEET E2.1 FOR PANEL 'A' LOCATION.




1 ELECTRICAL SITE LIGHTING PLAN
1/8" = 1'-0"

STATE OF ALASKA
DAVIN K. BLUBAUGH
EE-13893
2/16/22
REGISTERED PROFESSIONAL ENGINEER


RSA Engineering, Inc.
MECHANICAL AND ELECTRICAL CONSULTING ENGINEERS
2930 Fairbanks Street, Suite 200 • Anchorage, AK 99503 • (907) 276-0521
Corporate No.: AECC542

I C E F A L L Architecture LLC
3207 Cottonwood Street, Anchorage, AK P:(907) 313-6996


AK LEGEND

# CULTIVATION & RETAIL

7750 KING ST, SUITE 1, ANCHORAGE, AK, 99518

| No. | Description | Date |
|---|---|---|
| 1 | ZONING REVIEW | 2/16/22 |

Date: 11/29/2021

Phase: PERMIT DRAWINGS

RSA Job No: M1093

SHEET TITLE: ELECTRICAL SITE LIGHTING PLAN

SHEET NO: E0.4

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# Strain Name

## Indica-Dominant

xxxxxxx

Net Weight: 3.5 g (0.124 oz.)

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Cultivator: AK Legend Gardens
License #: 32367
HB #:
Strain:

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METRC #:

Testing Lab: License #:

Testing Date: .

Fungicides: None Herbicides: None Pesticides: None

Cannabinoid Profile:

Total THC: XXXXX% Total CBD: XXXXX% THC: XXXXX%

CBD: XXXXX% THC-A: XXXXX% CBD-A: XXXXX%

CBN XXXXX%

Alaska Safety Warning: Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination and judgment. Do not operate a vehicle or machinery under its influence. There are health risks associated wlth consumption of marijuana. For use only by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.

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Retailer:

License No:

Cultivator: AK Legend Gardens

License No: 32367

Harvest Batch No:

Package No:

Net MJ Weight: OZ( g)

Strain:

Testing Facility:

License No:

THC: THCA: CBD: CBDA: CBN:

Microbial Test: Fungicides: Pesticides: Herbicides:

Fertilizers: Soil Amendment:

Alaska Safety Warning: Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination and judgment. Do not operate a vehicle or machinery under its influence. There are health risks associated wlth consumption of marijuana. For use only by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.

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