Alcohol and Marijuana Control Office
550 W 7th Avenue, Suite 1600
Anchorage, AK 99501
marijuana.licensing@alaska.gov
https://www.commerce.alaska.gov/web/amco
Phone: 907.269.0350

**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 the **Marijuana Establishment Operating Plan (Form MJ-01)**, 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 those 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
- Odor control
- Testing procedure and protocols
- Security

**This form must be submitted to AMCO's main office before any marijuana cultivation facility license application will be considered complete.**

## Section 1 – Establishment Information

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

| | | | | | |
|---|---|---|---|---|---|
| **Licensee:** | Coman Farming Corporation | **License Number:** | 10170 | | |
| **License Type:** | Limited Marijuana Cultivation Facility | | | | |
| **Doing Business As:** | GREEN Degree | | | | |
| **Premises Address:** | 2301 South Knik-Goose Bay Road | | | | |
| **City:** | Wasilla | **State:** | ALASKA | **ZIP:** | 99654 |

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## Section 2 – Prohibitions

Applicants should review 3 AAC 306.405 – 3 AAC 306.410 and be able to answer "Agree" to all items below.

| The marijuana cultivation facility will not: | Agree | Disagree |
|---|---|---|
| **Sell, distribute, or transfer any marijuana or marijuana product to a consumer, with or without compensation** | ■ | ☐ |
| **Allow any person, including a licensee, employee, or agent, to consume marijuana or marijuana product on its licenses premises or within 20 feet of the exterior of any building or outdoor cultivation facility** | ■ | ☐ |
| **Treat or otherwise adulterate marijuna with any organic or nonorganic chemical or compound to alter the color, appearance, weight, or odor of the marijuana** | ■ | ☐ |

## Section 3 – Cultivation Plan

Review the requirements under 3 AAC 306.420, and identify how the proposed premises will meet the listed requirements.

**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:**

Nine 4'x8' Veg & Bloom tables 4x8x9=288
Three 4'x8' Starter Tents with 4'x8' tables inside 4x8x3=96
With the configuration of the Veg & Bloom tables a eleven inch foliage buffer has been established on all edges of tables not against a wall to account for foliage protruding past the outer limits of the tables, with the buffer in place it adds 112.3 sq. ft. to the area to be under cultivation.
Each Veg & Bloom table has a one foot space between it and the table or tables next to it, there by creating these foliage buffers to intersect and over lay eachother between one table to the next.
Wherever a table is against a wall it will not be using a foliage buffer seeing as how the wall will act as a barrier not permitting plants to grow any further
For "foliage buffer" blueprints please refer to page 8 of this form
288+96+112.3=496.3
The three 4'x8' Starter Tents will not need any foliage buffer because the tent will not allow foliage to exceed its enclosed area
The overall size of the area within GREEN Degree premises that will be utilized as the Grow Room is 768.52 square feet.
The maximum square footage to be under cultivation is 494 square feet.

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

GREEN Degree will utilize a growing medium that consists of 2 parts coco coir and 1 part perlite.
All seedlings and cuttings will be started in various types of starter cubes such as: Oasis Rootcubes, Grodan Mini Blocks, Rapid Rooter, and Root Riot by Clonex, depending on type of seed or cutting.

**Describe the marijuana cultivation facility's fertilizers, chemicals, gases, and delivery systems, including carbon dioxide management, to be used:**

GREEN Degree will use the entire "Advanced Floriculture Bloom Nutrients and Booster Range" AKA "Yellow Bottle" nutrient lineup that consists of 22 different products all of which are organic based.
Neem Oil will be used as a fungicide, insecticide, and miticide.
Basic cleaning chemicals will also be used to help sanitize the premises as well as certain equipment.
MSDS will be readily available for all employees to review.
For further details please see page 16 of GREEN Degree Business Handbook

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

GREEN Degree will use a hydroponics recirculating dripper irrigation system.
Each grow table will have a feed water reservoir under it that will be equipped with its own water pump to feed the plants through a series of tubing and drip tips.
Each feed water reservoir will also be equipped with a PH, PPM, and Temperature meter to maintain a safe operating level of nutrients and alkalinity levels, and temperature.
Each water table will have a drain that directs feed water back into the feed reservoir under the table.
All waste water will be collected and stored in a waste water reservoir that will later be disposed of into the onsite septic system, after being tested to confirm it is safe to do so. If waste water is determined to be unsafe for the onsite septic system then we will have a third party waste water removal company come collect waste water from waste water reservoir.

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**Describe the marijuana cultivation facility's waste disposal arrangements:**

All waste water will be collected and stored in a waste water reservoir that will later be disposed of into the onsite septic system, after being tested to confirm it is safe to do so. If waste water is determined to be unsafe for the onsite septic system then we will have a third party waste water removal company come collect waste water from waste water reservoir.
After marijuana plant waste is unusable it will be stored on GREEN Degree premises in a locked dumpster that later will be disposed of at a local landfill at earliest convenience.
All other general waste will be disposed of in compliance with applicable federal, state and local laws and regulations.

## Section 4 – Odor Control

Review the requirements under 3 AAC 306.430, and identify how the proposed premises will meet the listed requirement.

**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:**

GREEN Degree will utilize a series of inline fans, ducting, scrubbers, and carbon filters to clean and circulate the air inside the cultivation area to reduce and minimize odor emitted by the marijuana and marijuana plants.

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## Section 5 – Testing Procedure and Protocols

Review the requirements under 3 AAC 306.455 and 3 AAC 306.465, and identify how the proposed premises will meet the listed requirements.

Applicants should be able to answer "Agree" to the item below.

**I understand and agree that:**

| | Agree | Disagree |
|---|---|---|
| The board will or the director shall 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 | ■ | ☐ |

**Describe the testing procedure and protocols the marijuana cultivation facility will follow:**

GREEN Degree will provide a sample of each harvest batch of marijuana produced at the facility to a marijuana testing facility, and will not sell or transport any marijuana until all laboratory testing is completed.
GREEN Degree will collect a random, homogenous sample for testing by segregating harvested marijuana into batches of individual strains of bud and flower, then selecting a random sample from each batch in an amount required by the marijuana testing facility.
There will be a designated person responsible for collecting each sample and they will prepare a signed statement showing that each sample has been randomly selected for testing.
The designated individual will provide the signed statement to the marijuana testing facility, and will forward a copy to GREEN Degree management that will be maintained as part of business books and records.
Samples will be transported to the testing facility's licensed premises in compliance with GREEN Degree Transportation and Delivery of Marijuana and Marijuana Products procedures.
GREEN Degree will segregate the entire batch from which the testing sample was selected until the testing facility reports the results from its tests.
During this period of segregation, GREEN Degree will maintain the batch in a secure, cool, and dry location to prevent the marijuana from becoming contaminated or losing it's efficacy.
GREEN Degree will not sell or transport any marijuana from the segregated batch until the marijuana testing facility has completed its testing.
GREEN Degree will maintain the testing results as part of its business books and records.
The MCB (Marijuana Control Board) or the director there will from time to time require GREEN Degree to provide samples of the growing medium, soil amendments, fertilizers, crop production aids, pesticides, or water for random compliance checks.
The sample may be screened for pesticides and chemical residues, screened for unsafe levels of metals, and used for other laboratory tests the director finds to be in the interests of the public.
GREEN Degree will bear all costs of testing.
When the MCB or the director orders random sampling, the director will identify a licensed marijuana testing facility to perform the testing.
The marijuana testing facility will collect the test samples.
GREEN Degree will cooperate to facilitate the collection of samples.
For further details please see page 18 of GREEN Degree Business Handbook

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## Section 6 – Security

Review the requirements under 3 AAC 306.430 and 3 AAC 306.470 – 3 AAC 306.475, and identify how the proposed premises will meet the listed requirements.

Applicants should be able to answer "Agree" to the two items below.

| **The marijuana cultivation facility applicant has:** | Agree | Disagree |
|---|---|---|
| Read and understands and agrees to the packaging of marijuana requirements under 3 AAC 306.470 | ☒ | ☐ |
| Read and understands and agrees to the labeling of marijuana requirements under 3 AAC 306.475 | ☒ | ☐ |

**Restricted Access Area (3 AAC 306.430):**

| | Yes | No |
|---|---|---|
| Will the marijuana cultivation facility include outdoor production? | ☐ | ☒ |

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

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**Describe the method(s) used to ensure that any marijuana at the marijuana cultivation facility cannot be observed by the public from outside the facility:**

All areas where any marijuana will be within GREEN Degree's marijuana cultivation facility will be behind restricted access doors, there will be no windows or any other way for the public or anyone outside the facility to see any marijuana or marijuana product within premises.

**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 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 perjury that I have examined this form, including all accompanying schedules and statements, and to the best of my knowledge and belief find it to be true, correct, and complete.

Signature of licensee

Kerby Coman
Printed name

Subscribed and sworn to before me this 22nd day of MARCH, 2016.

JULIE M. GRIFFITH NOTARY PUBLIC STATE OF ALASKA

Notary Public in and for the State of Alaska.

My commission expires: 11/25/2017

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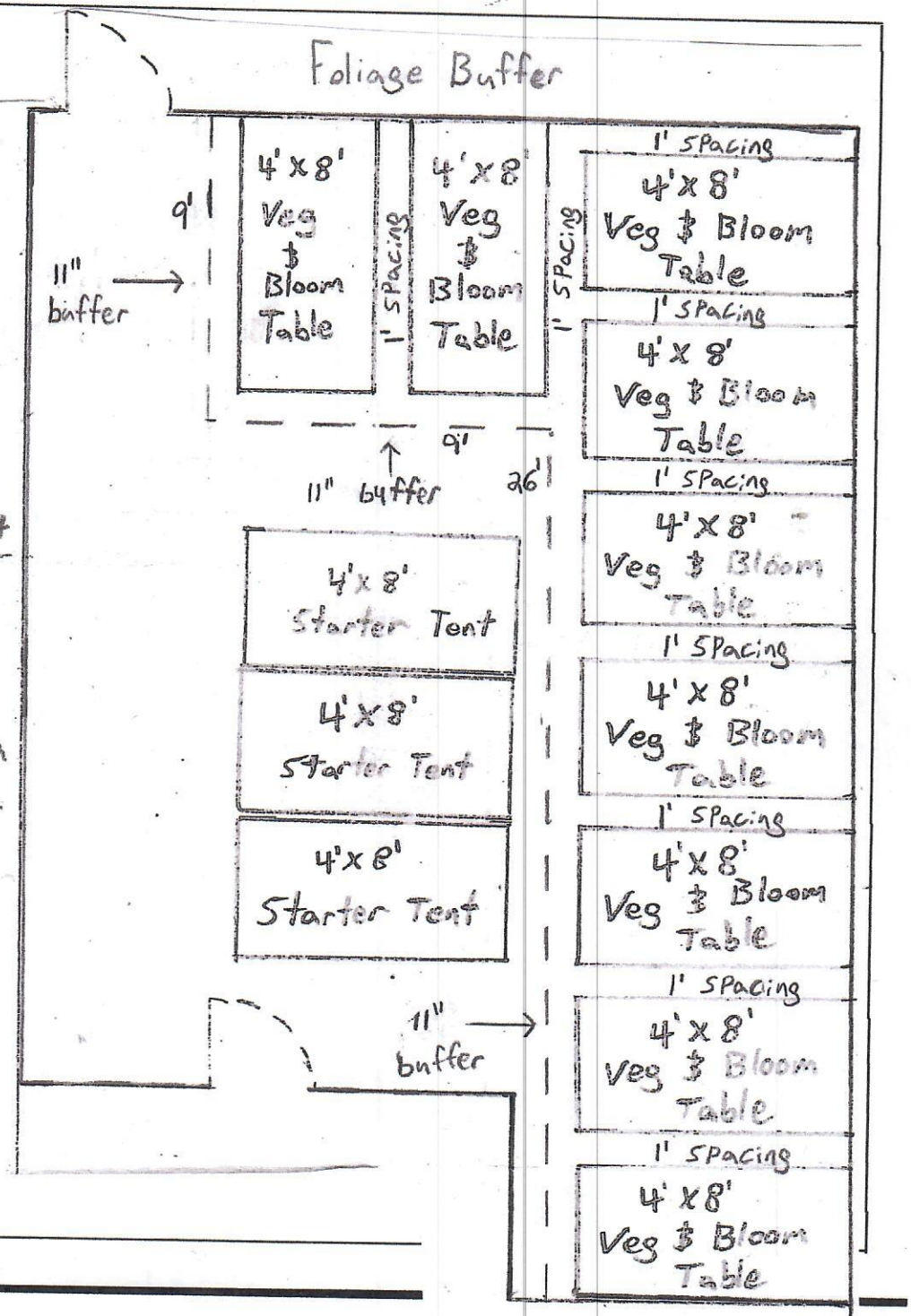
**(Additional Space as Needed):**

1/2 CM = 1 foot
— = 1'

outer buffer
= 9' + 9' + 26' x 11"
40.3'

Spacing between all tables =
one foot spacing x eight feet x nine spaces
= 1' x 8' x 9'
72'

Total buffer area
= 40.3' + 72'
112.3