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:	Theodore C Delaca	**License Number:**	14227		
License Type:	Limited Marijuana Cultivation Facility				
Doing Business As:	Galactic Herb				
Premises Address:	595 Henry Hahn Ct				
City:	Fairbanks	**State:**	ALASKA	**ZIP:**	99712

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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:

In my facility, marijuana will be grown in two areas, a vegetative room and a flowering room.
The vegetative room will be downstairs; it will be an enclosed room with dimensions of 11'x8'(88 sqft). Plants will be grown on two tiers around two walls at 30 inches deep. The tiered growing area in the vegetation area will have 2 layers. Each layer will be a shelf that runs along the side wall (11ft) and back wall (8ft) of the room (see diagram in additional space p.9), the shelves will be 30" deep. Each layer, shelf, will be 41.25 ft2 for a total area for both layers at 82.5 ft2.
The upstairs will be dedicated to flowering, the plants will be kept on a set of four rolling tables that move side to side to maximize space usage. The rolling grow tables will be 40"x16' (53.33ft2 each, or 213.33 ft2 for all 4). I expect the canopy to overhang the tables and cover an area of 17'4"x18'8" (323.5 sqft) as indicated on my facility diagram, which includes an area around the tables for any overhanging canopy and is consistent to the floor space of the growing area, it does not include the utility area for environmental control etc. or the work area.
The total overall cultivation area for the facility is 406 sqft.

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

Amended soil will be used as a growing medium for all rooted plants. Cuttings will use pearlite or a pearlite/vermiculite mixture.

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

See Additional Space at end of Document p.8

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

The cultivation facility will use hand watering to irrigate the plants with no anticipated runoff. The facility has an approved wastewater system (septic) for Domestic and Non-Domestic wastewater.

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(Additional Space as Needed):

Page 3 box 2:
For rooting:
rooting hormone will be used of standard greenhouse variety, dip n' grow is my preferred product.

For fertilization:
Fish meal, fish bone meals, earthworm castings, Kelp, lime, organic micronutrient amendments. Other organic amendments may be considered.

For pest control:
Biological control will be used for control of any pest problems, this will exclude the use of pesticides or fungicides. Biological control may include the use of beneficial or predatory insects as well as soil inoculations and potentially use of foliar inoculation during seedling stage.

For CO2 enrichment:
Bottled CO2 may be used utilizing a simple solinoid controlled regulating system, CO2 would be distributed via a small 1/4 inch tube overhead of the canopy.

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Describe the marijuana cultivation facility's waste disposal arrangements:

My facility is outside of any municipal or disposal services, so all waste disposal will be taken care of by the owner.
-Any garbage or trash will be hauled by the owner to the municipal landfill as commercial waste
- Any marijuana waste will be placed into dedicated, sealed trash bin/s and held in the facility for the three-day period before being made unusable and disposed of, composted on site. Because Metrc does not currently have the capacity for providing notice for marijuana waste, an email notification in writing will be provided to AMCO enforcement.
- Other compostable wastes, waste soil, waste pearlite (from propagation), or other may be composted on site.
- I don't anticipate any hazardous wastes from this operation.

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:

Any air that exits the facility will be vented first through a carbon filter. Carbon filters will be exchanged regularly.

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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:

A person will be be assigned to take random samples for the purpose of providing them to a testing facility. The individual assigned will provide a signed statement to the testing facility that the samples have been randomly selected, a copy of this statement will be kept as a business record. Samples will be transported in compliance with 3 ACC 306.750.
The batch/es from which samples are taken will be segregated and stored in a secure, cool, and dry area to maintain quality while awaiting test results and ultimately sale. All testing results will be maintained as part of the business records.

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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 windows in the cultivation areas will be covered, the glass will be "blacked out". Any windows in any of the work areas will have curtains that will be closed durring processing times when marijuana is visible.

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

Theodore C Delaca
Printed name

Subscribed and sworn to before me this 23 day of October, 2017.

R. GRANGER
NOTARY PUBLIC
MY COMMISSION EXPIRES NOVEMBER 20, 2019
STATE OF ALASKA

R Granger
Notary Public in and for the State of Alaska.

My commission expires: 11/20/2019

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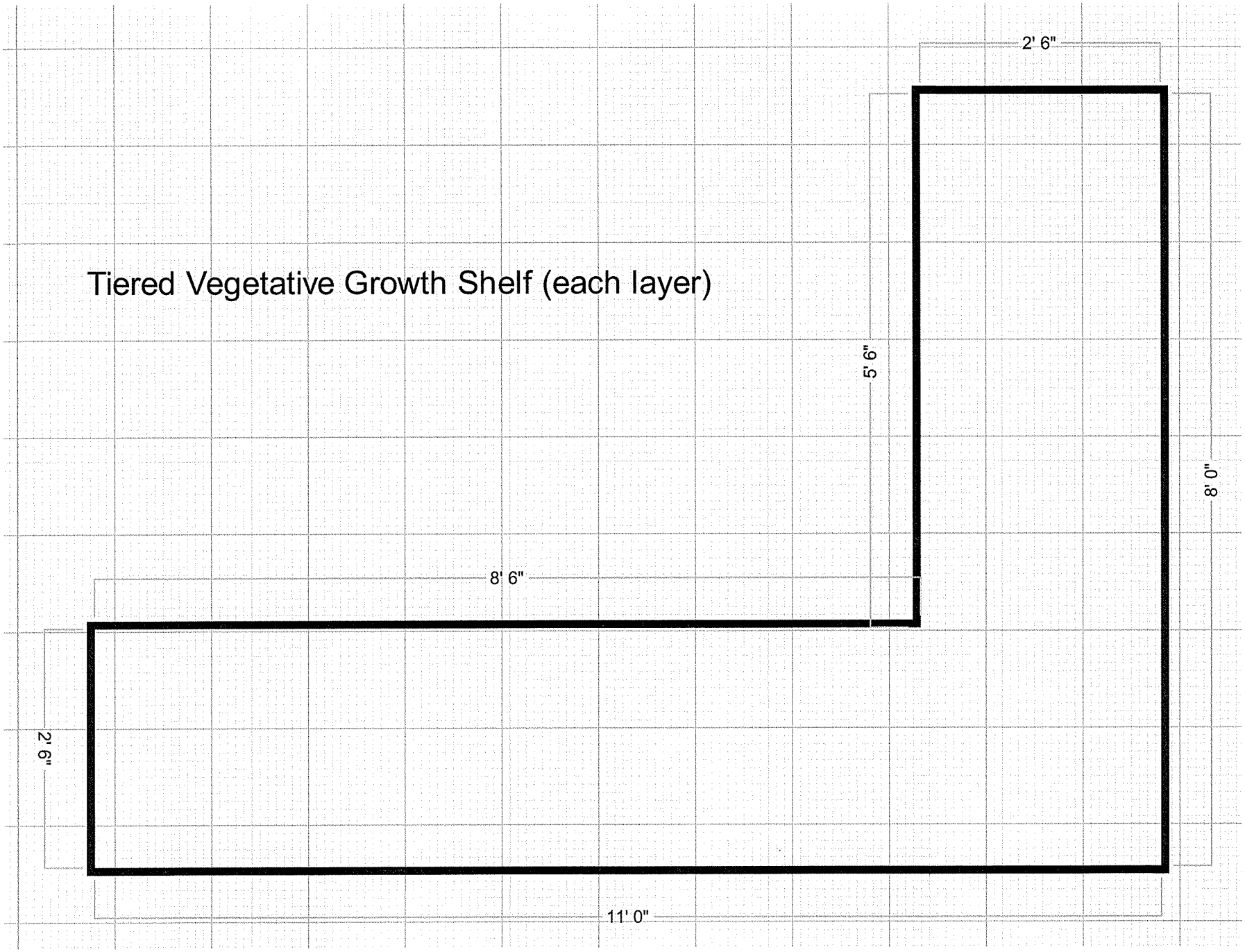

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