MJ-14 Before the Board

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

Form MJ-14: Licensed Premises Diagram Change

What is this form?

This licensed premises diagram change form is required for all marijuana establishment licensees seeking to alter the functional floor plan or reduce or expand the area of the establishment's existing licensed premises, under 3 AAC 306.100 and 3 AAC 306.705. **The required $250 change fee may be made by credit card online (VISA, MasterCard, or Discover), or by check or money order.**

Your diagram must show all entrances and boundaries of the premises, restricted access areas, and storage areas, and dimensions. If your proposed premises is located within a building or building complex that contains multiple businesses and/or tenants, please provide an additional page that clearly shows the location of your proposed premises within the building or building complex, along with the addresses and/or suite numbers of the other businesses and/or tenants within the building or building complex. Limited marijuana cultivation licensees must clearly delineate the proposed area(s) for cultivation.

The second page of this form is not required. Blueprints, CAD drawings, or other clearly drawn and marked diagrams may be submitted in lieu of the second page of this form, as long as it meets the requirements listed on this form. The first and third pages must still be completed, attached to, and submitted with any supplemental diagrams. An AMCO employee may require you to complete the second page of this form if additional documentation for your premises diagram is needed.

This form must be signed by the licensee and by the local government having jurisdiction over the location of the premises before it is submitted to AMCO staff for review.

This form must be completed and submitted to AMCO's main office prior to altering the existing floor plan. The licensed premises may not be altered unless and until the AMCO Director has given written approval on this form. Please note that licensees seeking to change licensed premises diagrams for multiple licenses must submit a separate completed copy of this form for each license.

	Yes	No
I have attached blueprints, CAD drawings, or other supporting documents in addition to, or in lieu of, the second page of this form.	☑	☐

Section 1 – Establishment Information

Enter information for the licensed establishment.

Licensee:	Alaskan Blooms, LLC	**License Number:**	10073		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	ALASKAN BLOOMS, LLC				
Premises Address:	2448 Arvilla St.				
City:	Fairbanks	**State:**	AK	**ZIP:**	99709

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Form MJ-14: Licensed Premises Diagram Change

Section 2 – Detailed Premises Diagram

Clearly indicate the boundaries of the premises and the proposed licensed area within that property. Clearly indicate the interior layout of any enclosed areas on the proposed premises. Clearly identify all entrances, walls, partitions, counters, windows, areas of ingress and egress, restricted access areas, and storage areas. Include dimensions in your drawing. Use additional copies of this form or attached additional documents as needed.

See Attached.

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Form MJ-14: Licensed Premises Diagram Change

Section 3 – Declarations and Approvals

Read the line below, and then sign your initials in the box to the right of the statement: Initials

If a local building permit is required, I have attached a copy of it to this form. ☐

As a marijuana establishment licensee, I declare under penalty of unsworn falsification that I have examined this form, including all attachments, and to the best of my knowledge and belief find the provided information to be true, correct, and complete.

G Bloom
Signature of licensee

Gene Bloom
Printed name of licensee

Susan R LaVanway
Notary Public in and for the State of Alaska.

My commission expires: May 16, 2017

Subscribed and sworn to before me this 3rd day of March 2017

SUSAN R LAVANWAY
Notary Public, State of Alaska
Commission # 1305104
My Commission Expires
May 16, 2017

Local Government Review (to be completed by an appropriate local government official):

	Yes	No
The proposed changes shown on this form conform to all local restrictions and laws.	☒	☐
A local building permit is required for the proposed changes.	☐	☒

D. Christine Nelson
Signature of local government official

5-22-17
Date

D. Christine Nelson
Printed name of local government official

Director of Community Planning
Title

AMCO Review:

	Approved	Disapproved
	☐	☐

Signature of AMCO Enforcement Supervisor

Signature of Director

Printed name of AMCO Enforcement Supervisor

Printed name of Director

Date

AMCO Comments:

From:	Christina Thibodeaux
To:	Marijuana Licensing (CED sponsored)
Cc:	Jana Weltzin; Valerie Mastolier; Alaskan Blooms
Subject:	#10073 Alaskan Blooms - MJ-14 Licensed Premises Diagram Change
Date:	Tuesday, May 23, 2017 10:38:57 AM
Attachments:	10073 MJ-14 Licensed Premises Diagram Change - Alaskan Blooms.pdf

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Good Morning Mark and Jane,

Please find attached a licensed premises diagram change form for #10073 Alaskan Blooms.

The requested change is the addition of 3 greenhouses as seen in the attached diagrams. An operating plan change form will also be submitted for the changes related to this addition.

Thank you!

Tina Thibodeaux
JDW, LLC
Paralegal
3003 Minnesota Drive Suite 201
Anchorage, Alaska 99503
907-231-3750
info@jdwcounsel.com
christina@jdwcounsel.com

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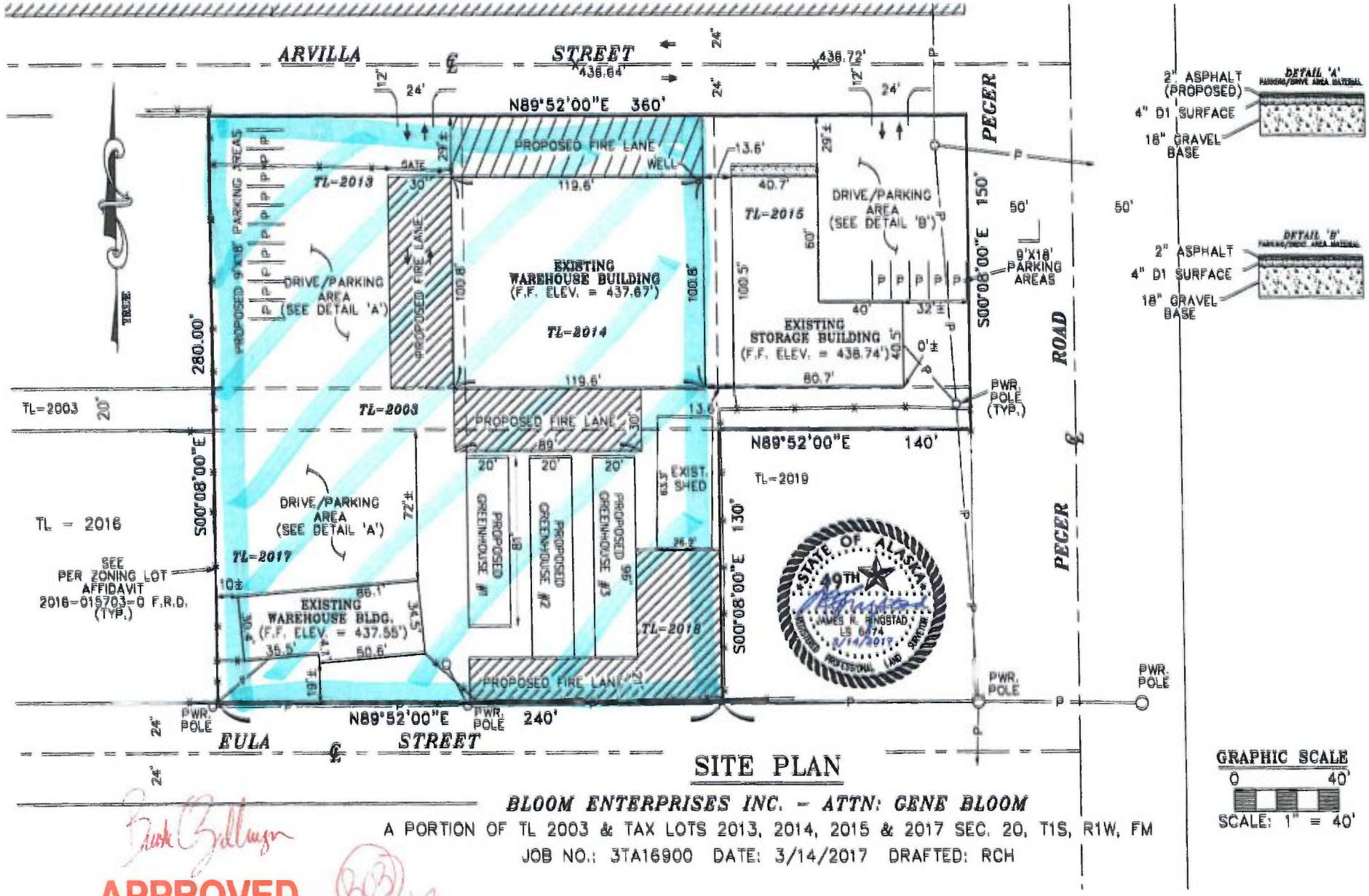
= Address 2448 Arvilla St.: Proposed licensed area for lic# 10073



SITE PLAN

BLOOM ENTERPRISES INC. – ATTN: GENE BLOOM

A PORTION OF TL 2003 & TAX LOTS 2013, 2014, 2015 & 2017 SEC. 20, T1S, R1W, FM

JOB NO.: 3TA16900 DATE: 3/14/2017 DRAFTED: RCH

APPROVED
FIRE PREVENTION OFFICE
UNIVERSITY FIRE DEPARTMENT
3/14/17

Bldg A = Existing lic. cultivation area under lic# 10073
Bldg B = Existing lic. cultivation area under lic#10073
C Buildings: 1-3 = Proposed addition of cultivation area under lic# 10073

ARVILLA STREET
N89°52'00"E 360'
PROPOSED FIRE LANE
WELL
TL=2013
TL=2016
TL=2014
TL=2003
TL=2017
TL=2018
TL=2019
TL = 2016
A
EXISTING WAREHOUSE BUILDING (F.F. ELEV. = 437.67')
EXISTING STORAGE BUILDING (F.F. ELEV. = 438.74')
B
EXISTING WAREHOUSE BLDG. (F.F. ELEV. = 437.55')
C
PROPOSED GREENHOUSE #1
PROPOSED GREENHOUSE #2
PROPOSED GREENHOUSE #3
EXIST. SHED
not in use for MJ Facility. Separate Cold Storage
DRIVE/PARKING AREA (SEE DETAIL 'A')
DRIVE/PARKING AREA (SEE DETAIL 'B')
PROPOSED 9'X18' PARKING AREAS
9'X18' PARKING AREAS
PROPOSED FIRE LANE
SEE PER ZONING LOT AFFIDAVIT 2016-015703-0 F.R.D. (TYP.)
PWR. POLE (TYP.)
PWR. POLE
S00°08'00"E 280.00'
S00°08'00"E 150'
S00°08'00"E 130'
N89°52'00"E 140'
N89°52'00"E 240'
PECER ROAD
EULA STREET
TREE
DETAIL 'A'
2" ASPHALT (PROPOSED)
4" D1 SURFACE
18" GRAVEL BASE
DETAIL 'B'
2" ASPHALT
4" D1 SURFACE
18" GRAVEL BASE
STATE OF ALASKA 49TH
JAMES R. RINGSTAD LS 6174
3/14/2017
PROFESSIONAL LAND SURVEYOR

SITE PLAN

BLOOM ENTERPRISES INC. - ATTN: GENE BLOOM

A PORTION OF TL 2003 & TAX LOTS 2013, 2014, 2015 & 2017 SEC. 20, T1S, R1W, FM

JOB NO.: 3TA16900 DATE: 3/14/2017 DRAFTED: RCH

GRAPHIC SCALE 0 40'
SCALE: 1" = 40'

APPROVED
FIRE PREVENTION OFFICE
UNIVERSITY FIRE DEPARTMENT
3/14/17

= Restricted Access Area

ALASKAN BLOOMS
GREENHOUSES 1...2...3...
2448 ARVILLA ST FAIRBANKS, ALASKA

PLAN REVIEW
FEBRUARY 20, 2016

DRAWING INDEX

GENERAL:

G01 COVER SHEET - DRAWING INDEX
G02 CODE INFO
G03 EGRESS PLAN

CIVIL:

1 SITE SURVEY

ARCHITECTURAL:

A00 SITE PLAN
A01 FLOOR PLAN
A02 EXTERIOR ELEVATIONS

DESIGN BUILD

CONTRACTOR
G2 CONSTRUCTION
168 BENTLEY TRUST ROAD
FAIRBANKS, ALASKA 99701

CONTACT
PAUL GITSCHEL
pgitschel@g2bsrd.com
907-458-1087

ARCHITECT
ALASKA CONSTRUCTION SERVICES
168 BENTLEY TRUST ROAD
FAIRBANKS, ALASKA 99701

CONTACT
CHRISTOPH FAUKE
chrisfauke@g2bsrd.com
907-347-8600

G2 CONSTRUCTION
ACS
ALASKAN CONSTRUCTION SERVICES

ALASKAN BLOOMS
GREENHOUSE 1...2...3...
2448 ARVILLA ST FAIRBANKS ALASKA

PLAN REVIEW
FEBRUARY 20, 2017

COVER SHEET
DRAWING INDEX

G01

CODE ANALYSIS

2009 INTERNATIONAL BUILDING CODE (IBC)

OCCUPANCY: U (ACCESSORY STRUCTURES, GREENHOUSES)

TYPE OF CONSTRUCTION - VB

GREENHOUSES 01,02,03 REGULATED AS SINGLE BUILDING

AREA

1-STORY
5,760 sf (1,920 sf PER GREENHOUSE)

OCCUPANT LOAD:

1,920/300 = 7 (PER GREENHOUSE)

ALLOWABLE HEIGHT AND AREA:

PER TABLE 503
1-STORY
5,500 sf

NO INCREASE DUE TO SPRINKLERS.

INCREASE DUE TO FRONTAGE (506.2,506.2.2) 2,750 sf

TOTAL PERIMETER = 332'
PERIMETER WITH FRONTAGE: 249' (ALL FRONTAGE IS GREATER THAN 30')
NORTH = 70'
SOUTH = 70'
WEST = 58'
EAST = 51'

(506.2 EQ 5-2)

$[^{249}/_{332} - 0.25]^{30}/_{30} = 0.50$

5,500 x 0.50 = 2,750 sf

TOTAL ALLOWABLE AREA

1-STORY
8,250 sf

ACTUAL:

1-STORY
5,760 sf

BUILDING HEIGHT

ALLOWABLE: 40 FEET
ACTUAL: 24 FEET

DESIGN ASSUMPTIONS:

- CONSTRUCT (3) NEW GREENHOUSES . GREENHOUSE 01,02 AND 03.
- GROUP U OCCUPANCY
- ACCESSORY STRUCTURE TO "BUILDING A"
- GREENHOUSES FOR MARIJUANA CULTIVATION
- INTENDED USE OF THE BUILDING IS FOR 2-4 PEOPLE COUPLE TIMES A DAY FOR 1-2 HOURS AT A TIME TO MONITOR AND CARE FOR PLANTS.
- PROCESSING OF PLANTS TO OCCUR AT MAIN "BUILDING A" AND NOT AT GREENHOUSES
- EACH GREENHOUSE IS 1,920 sf
- COMBINED AREA OF ALL THREE GREENHOUSES IS 5,760 sf
- GREENHOUSES 01,02,03 REGULATED AS SINGLE BUILDING
- TYPE VB CONSTRUCTION
- CALCULATED OCCUPANT LOAD IS 7 PER GREENHOUSE
- EACH GREENHOUSE IS PROVIDED WITH TWO EXITS
- FOR SECURITY PURPOSES DOORS MUST BE LOCKED FROM EXTERIOR WITH HEAVY DUTY PADLOCKS. DOORS TO REMAIN UNLOCKED WHEN GREENHOUSE IS OCCUPIED.

G2 CONSTRUCTION

ACS
ALASKAN CONSTRUCTION SERVICES

STATE OF ALASKA
49TH
Christopher R Fisher
No 10C393
03/20/2017
REGISTERED PROFESSIONAL ENGINEER

ALASKAN BLOOMS
GREENHOUSE 1...2...3...
2448 ARVILLA ST FAIRBANKS ALASKA

PLAN REVIEW
FEBRUARY 20, 2017

CODE INFO

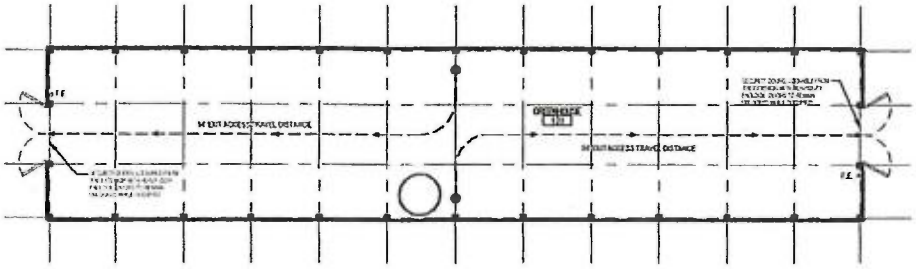
G02

THIS IS FULL SIZE

GENERAL NOTES

1. PLAN TYPICAL FOR ALL 3 GREENHOUSES
2. OCCUPANT LOAD OF 7 PER GREENHOUSE
3. TWO EXITS ARE PROVIDED.
4. COMMON PATH OF EGRESS TRAVEL IS 0'. MAXIMUM ALLOWABLE IS 100'.
5. EXIT ACCESS TRAVEL DISTANCE IS 54'. MAXIMUM ALLOWABLE IS 300'.
6. NO REQUIRED EMERGENCY LIGHTING PER IBC 1006.1
7. NO REQUIRED EXIT SIGNS PER 1011.1

F.E. : PORTABLE FIRE EXTINGUISHER LOCATION (2 TOTAL)
PORTABLE FIRE EXTINGUISHERS TO BE 2A:10B:C.



EGRESS PLAN (TYPICAL FOR GREENHOUSE 01, 02 AND 03)

SCALE: 3/32" = 1'-0"

G2 CONSTRUCTION

ACS
ALASKAN CONSTRUCTION SERVICES

STATE OF ALASKA
49TH
Christopher W Fake
No 15339
REGISTERED PROFESSIONAL ENGINEER

ALASKAN BLOOMS
GREENHOUSE 1...2...3...
2448 ARVILLA ST FAIRBANKS ALASKA

PLAN REVIEW
FEBRUARY 20, 2017

EGRESS PLAN

G03

MJ-15 Before the Board

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Alaska Marijuana Control Board

Form MJ-15: Operating Plan Change

What is this form?

This operating plan change form is required for all marijuana establishment licensees seeking to change a licensed marijuana establishment's existing operating plan, under 3 AAC 306.100. With this form, a licensee may request changes to as much or as little as desired of Form MJ-01 and/or the corresponding operating plan supplemental for the establishment's license type.
The required $250 change fee may be made by credit card online (VISA, MasterCard, or Discover), or by check or money order.

Please download, complete, and submit with this form **only the pages** of Form MJ-01 and/or the corresponding operating plan supplemental that contain sections that you are requesting to change. All fields that are left blank will be considered unchanged from the existing operating plan. All fields that are completed and submitted with this form will be considered as changes to the existing operating plan and are subject to board approval. **Please do not submit any wholly unchanged pages of an operating plan.**

The form(s) that I am requesting board approval to change is:

- ☐ **Form MJ-01:** Marijuana Establishment Operating Plan
- ☐ **Form MJ-03:** Retail Marijuana Store Operating Plan Supplemental
- ☑ **Form MJ-04:** Marijuana Cultivation Facility Operating Plan Supplemental
- ☐ **Form MJ-05:** Marijuana Product Manufacturing Facility Operating Plan Supplemental
- ☐ **Form MJ-06:** Marijuana Testing Facility Operating Plan Supplemental

This form must be completed and submitted to AMCO's main office prior to changing existing operations. The licensed establishment's operations may not be altered unless and until the Marijuana Control Board has approved of the changes. Please note that licensees seeking to change operating plans for multiple licenses must submit a separate completed copy of this form for each license.

Section 1 – Establishment Information

Enter information for the licensed establishment.

Licensee:	Alaskan Blooms, LLC	**License Number:**	10073		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	ALASKAN BLOOMS, LLC				
Premises Address:	2448 Arvilla St.				
City:	Fairbanks	**State:**	AK	**ZIP:**	99709

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Alaska Marijuana Control Board

Form MJ-15: Operating Plan Change

As a marijuana establishment licensee, I declare under penalty of unsworn falsification that I have examined this form, including all accompanying documents, schedules, and statements, and to the best of my knowledge and belief find them to be true, correct, and complete.

Signature of licensee

Gene Bloom
Printed name

Subscribed and sworn to before me this 3rd day of March, 2017.

Notary Public in and for the State of Alaska.

My commission expires: May 16, 2017

SUSAN R LAVANWAY
Notary Public, State of Alaska
Commission # 1305104
My Commission Expires
May 16, 2017

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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 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:	Alaskan Blooms, LLC	License Number:	10073		
License Type:	Standard Cultivation				
Doing Business As:	Alaskan Blooms, LLC				
Premises Address:	2448 Arvilla St.				
City:	Fairbanks	State:	ALASKA	ZIP:	99709

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Alaska Marijuana Control Board

Operating Plan Supplemental

Form MJ-04: Marijuana Cultivation Facility

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:

Mother Room: 400 sq.ft. 25-50 plants
Veg Room= 1000 sq. ft. with 2550 plants in various stages of veg. (700 clone, 700 in 4" re-pot, 600 in 6" re-pot, 550 in last re-pot before bloom begins).
Bloom Rooms are 530 sq. ft x 3 = 1591 sq ft.
Total cultivation area is approximately 3000 sq ft.

Bloom room identified as Building B is all Blooming area and equals = 2660 sq. ft.
3 greenhouses each consisting of approx. 1920 sq. feet of cultivation space totaling 5760 sq. feet of cultivation. Total area under cultivation for license no. 10073 = 11,420 sq. feet

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Alaska Marijuana Control Board

Operating Plan Supplemental

Form MJ-04: Marijuana Cultivation Facility

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

Alaskan Blooms will be using soil as our grow medium and method. We use all non-toxic, organic soil and soil amenities including plant food, mold/mildew control, and pesticide control. The soil is a superior coconut-based planting mix. With Vital Earth's® Coconut Pith, the holding capacity of the extra-long strands of burgundy extra-low saline content coconut coir, creates a viable water-to-air ratio. We use these products from seedling to harvest. The AlgaeMix is a 100% organic algae-extract composed of the brown deep sea-algae. This bio-organic fertilizer is also be used as foliar feed. AlgaeMix stimulates an optimal root development, heals and prevents mineral deficiencies and effectively controls and protects from diseases. The product also regulates the absorption of other nutrients.

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

We use all non-toxic, organic soil and soil amenities including plant food, mold/mildew control, and pesticide control. The brand is Bio Nova will use Bio Nova exclusively for nutrients and SNS 209 Systemic Insect Control for pest control. The products are not pesticides in the chemical sense, but rather an organic alternative that uses of herbs such as rosemary and lavender (Safety Data Report available on request of AMCO). The facility will utilize CO2 to increase production. Alaskan Blooms will enrich all plant rooms with CO2, maintaining levels between 1500-2000 parts per million, with audible and visual alarming systems that will trigger should CO2 concentrations elevated to dangerous levels.

Building B will have no CO^2 enrichment

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

All plants will be watered by hand to ensure each plant receives no more, or no less, water than needed on a daily basis. Based on previous implementations of this cultivation methodology, Alaskan Blooms expects to use roughly 375 gallons of water a day in watering all plants. Water will be filtered through a double filtration system from Urban Ag. Along with filtering source water for plant feeding, this filtration setup will be used to filter waste runoff water occurring from feeding. Water will be stored in a 2500 gallon tank, and filtered prior to being delivered to the cannabis plants. Delivery to the plants will be done by hand to ensure consistency and increase efficiency. The water used on the cannabis plants will be mostly absorbed by the plant itself, any runoff water will be captured in trays upon which the plants will sit in during the entire cultivation process. All runoff water will be captured by the trays and none of the runoff water will reach the floor, which will negate any possibility of runoff non-domestic water entering into the domestic wastewater drain infrastructure. Instead, the runoff water from the cannabis plants will be captured by the trays and then transferred completely back into the tank and be filtered and then 100% recycled by means of the water being pumped back into the water filtration system which will essentially circulates the wastewater from the plant trays, back to a 2500 gal tank that is kept inside the facility and used only for the controlled use of watering the cannabis plants, recapturing runoff water, and reusing 100% of the same for the same limited and controlled purpose. The water is purified and then sent back to the watering tanks and filled again as needed. All water is contained, filtered, purified, and recycled inside of the tanks/filtration system.

Greenhouse plants will be watered by hand and/or by an automatic drip system. Any waste water will be captured & reycled back into the plants.

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Operating Plan Supplemental

Form MJ-04: Marijuana Cultivation Facility

Describe the marijuana cultivation facility's waste disposal arrangements:

Disposing of marijuana in a safe, secure, and environmentally responsible manner is a top priority. To ensure that marijuana products are safely kept away from the public, cultivation facilities must render the products unusable before disposal.
The Disposal Plan is safe, secure, and complies with all federal, state, and local laws, regulations, and codes. It is a model that has been thoroughly tested and implemented in other jurisdictions, serving the needs of cultivation facilities, governing bodies, and most importantly, marijuana consumers.
Building on the successful disposal methods and techniques of cultivation facilities in Colorado and Washington, Alaskan Blooms will ensure that all marijuana is rendered unusable prior to leaving the Cultivation Facility. Once flagged for disposal, all marijuana and marijuana products will be secured and destroyed by grinding the material and incorporating the remains with compostable or non-compostable solid wastes until the resulting mixture is, at a minimum, fifty percent (50%) non-marijuana waste.
1. Non-Compostable Solid Wastes.
Alaskan Blooms will use the following non-compostable solid waste for safe disposal of marijuana waste:
a. Paper waste;
b. Plastic waste;
c. Cardboard waste; and/or
d. Soil

Disposal Records in the Inventory Control System
All marijuana rendered unusable and disposed of will be tracked using the Metrc system. Upon identifying any plant, batch of plants, or any quantity of marijuana for disposal, the plant(s) or item will immediately be marked in the Metrc system for disposal. Upon rendering the plant(s) or item unusable, the following information will be recorded in the Metrc system:
1. A description of and reason for the marijuana being disposed of, including, if applicable, the number of failed or other unusable marijuana plants and the weight of the plant(s) or item(s);
2. The date of disposal;
3. Confirmation that the marijuana was rendered unusable before disposal;
4. The method of disposal; and
5. The name and permit number of the agent responsible for disposal.
Continued on additional page at pg. 8.

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:

The Bloom family owns the surrounding four acres (including the entire Site) – it is unlikely that any order, noise or light would cause any neighbors issues. The flower and processing rooms are well insulated and sealed and it is unlikely any odor will seep out of the facility. However, in the event that odor becomes an issue and does leak out of the facility, Alaskan Blooms will, if necessary, install activated carbon filter exhaust fans on each floor and discharging the air through the roof ventilation.

The flower and processing rooms are well insulated and sealed and it is unlikely any odor will seep out of the facility. We use Opticlimate 15000pro3S Single Phase Air Filtration Systems that allow no odor to be emitted outside.

For the greenhouses, if odor is a problem we will use a opticlimate singe phase air filteration unit in each greenhouse.

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Alaska Marijuana Control Board

Operating Plan Supplemental

Form MJ-04: Marijuana Cultivation Facility

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:

Alaskan Blooms will comply with all testing and sampling required under the Alaska Administrative Code and the regulations adopted by AMCO. All harvested batches of marijuana intended for sale to licensed marijuana establishments will be tested by a licensed testing facility before the products are packaged and labeled for transport. The importance of this is to not only determine the potency of various cannabinoids of the marijuana, but to ensure that no molds, fungi, pesticides, or any other contaminates are found that may be harmful to consumers. The following are the policies and procedures for providing marijuana samples to a testing facility for processing.

Batch Testing - Immediately before packaging, a random sample from each batch of marijuana cultivated at the Cultivation Facility will be selected for testing. The remainder of the batch will be packaged for storage and stored in a secure, cool, and dry place in the quarantine area where it will remain until the testing facility returns the results of the testing to the Cultivation Facility.

Selecting a Sample of Marijuana for Testing - The Cultivation Facility will work with the testing facility to establish and document a written method for selecting samples. All members of the Quality Control Unit "QCU" will be trained in how to take a random sample from each batch of marijuana products created at the Cultivation Facility. All members of the QCU will file an attestation with AMCO that they will be collecting random samples for testing on behalf of the Cultivation Facility. Sample size of usable marijuana for required testing will be no larger than twelve (12) grams. Samples will be tested for: cannabinoids, terpinoids, microbial contaminants, mycotoxins, metals, and pesticide chemical residue, residual solvents levels, and an active ingredient analysis. The QCU agent will select a sample and will then take the sample to a weighing device to ensure that the sample size is less than the maximum gram amount. All weighing devices used in the Cultivation Facility will be certified in compliance with AS 45.75.080, the Alaska Weights and Measures Act. The QCU will be responsible for maintaining weighing devices. After weighing the sample the QCU agent will package it to ensure that no contaminants can reach the sample on the way to the testing facility. After being packaged, the sample will be labeled.

Finally, the agent selecting the sample will prepare a signed statement showing that each sample has been randomly selected for testing and provide the signed statement to the marijuana testing facility.

Labeling the Sample to be sent for Testing - Whether the marijuana sample is delivered to or picked up by a testing facility, each sample will be labeled with the name of the Cultivation Facility, the Cultivation Facility's license number, batch number, weight, and name of the marijuana product.

Remainder of response to this question attached to on supplementary information document.

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

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:

*All Greenhouses are solid wood structures with solid corrugated translucent plastic panels. Each entrance to the Greenhouses will have commercial grade locks and have alarm sensors.

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Alaska Marijuana Control Board

Operating Plan Supplemental

Form MJ-04: Marijuana Cultivation Facility

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:

The facility will be outfitted with reinforced security walls to separate all public areas of the premises from all cultivation areas, marijuana processing and storage areas, and restricted access areas. No individuals will be permitted on the premises without checking in with and being escorted by an authorized employee. No marijuana, marijuana product, or marijuana plants will be visible from any window or door that opens to the general public. All movement, transport, or otherwise ingress or egress of marijuana products will be discrete, utilizing the designated loading platform. All marijuana products will be securely packaged, labeled, and organized for transport within the facility before being moved out of the buildings.

Any marijuana transported from any other part of the site to or from Building B will be transported in an opeque container. Shielding it from any potential viewing from any right of way. *Any MS or MJ plants will be transported to any other part of the site to or from any other licensed building will be transported in a solid opaque container, shielding it from the public view.

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

Vine Bloom
Printed name

Subscribed and sworn to before me this 23rd day of May, 2016.

SUSAN R LAVANWAY
Notary Public, State of Alaska
Commission # 1305104
My Commission Expires
May 16, 2017

Notary Public in and for the State of Alaska.

My commission expires: May 16, 2017

Alcohol and Marijuana Control Office
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Anchorage, AK 99501
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Phone: 907.269.0350

Alaska Marijuana Control Board

Operating Plan Supplemental

Form MJ-04: Marijuana Cultivation Facility

(Additional Space as Needed):

Continued from page 3: Waste Arrangements :
(2)Compostable Solid Wastes.
Alaskan Blooms will use the following compostable solid waste for safe disposal of marijuana waste:
a. Food waste; b. Yard waste; and/orc. Vegetable-based grease or oils.
C. Security, Inspection, and Tracking of Marijuana Waste.
Ownership and Management will give at least three (3) days notice to the MC Board before disposing of any marijuana waste by logging the affected products in the marijuana inventory tracking system, Metrc.
Prior to being removed from the Cultivation Facility, all marijuana waste will be inspected and the composition of the final disposal mixture will be recorded. Management will ensure that the final disposal mixture is composed of no more than fifty percent (50%) marijuana waste by volume.
This grinding method will be used a minimum of once per day, before the Cultivation Facility closes. Once rendered unusable, marijuana will be securely stored in locked dumpsters located in a locked room inside the Cultivation Facility, and all locks will comply with the highest standards of the UL standards. Only authorized personnel will have access to the room where the dumpsters are kept. The disposed marijuana will not be stored outside the Cultivation Facility at any time.
Management will make arrangements with the waste collection company if ever the dumpsters are full prior to pick-up. To ensure tracking and prevent against 'diversion' activity, Management will be present at the time of waste collection, will collect the name and signature of the waste truck driver, and will record the date, time, and the type of marijuana waste being collected.
Management will maintain a log on the status of all marijuana waste, tracking the type of waste, the date of disposal, the date it was rendered unusable, composition of the disposal mixture, the date that it was picked up by a waste collection company, and the final destination of the waste material. Records of all disposal information and waste collection will be maintained by Management, securely stored at the Cultivation Facility, and made available to the MC Board upon request.
D. Compliance with Disposal Regulations.
Alaskan Blooms will comply with all of the federal, state, and borough laws, regulations, and codes, as set forth and amended from time to time, with regard to marijuana waste disposal.
The grinding method for disposal is the approved method to render marijuana waste unusable by the Alaska Administrative Code and the MC Board. This technique has been deemed to be safe for disposal, and its reliability and safety have been proven through its use in other jurisdictions across the nation.
Alaskan Blooms will utilize the standards set by the MC Board, and in the absence of such standards, will adhere to the strictest standards set by comparable jurisdictions that have been proven and tested. Alaskan Blooms aims to cultivate and process marijuana using only the safest, most dependable, and MC Board-approved methods for every step of the process.
If at any time the MC Board or the Fairbanks North Star Borough implements or approves a different type of disposal method than the one described in the Disposal Plan, Alaskan Blooms will take immediate action to ensure that it complies with all of the MC Board's requirements.
E. Hazardous Waste.
Any hazardous waste will be identified and disposed of in accordance with all of the federal, state, and borough laws, regulations, and codes, as set forth and amended from time to time. Hazardous waste includes solids, semi-solids, liquids, or contained gases which cause or significantly contribute to an increase in mortality or serious irreversible or incapacitating illness, or pose a substantial hazard or potential hazard to human health, public safety or the environment when given improper treatment, storage, transportation, disposal, or other management. Hazardous waste also includes waste identified as hazardous by the Alaska Administrative Code. Hazardous waste includes, among other wastes, toxins, corrosives, flammable materials, irritants, strong sensitizers and materials which generate pressure by decomposition, heat or otherwise.

Current Approved Licensed Premises Diagram

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

Form MJ-14: Licensed Premises Diagram Change

What is this form?

This licensed premises diagram change form is required for all marijuana establishment licensees seeking to alter the functional floor plan or reduce or expand the area of the establishment's existing licensed premises, under 3 AAC 306.100 and 3 AAC 306.705. **The required $250 change fee may be made by credit card online (VISA, MasterCard, or Discover), or by check or money order.**

Your diagram must show all entrances and boundaries of the premises, restricted access areas, and storage areas, and dimensions. If your proposed premises is located within a building or building complex that contains multiple businesses and/or tenants, please provide an additional page that clearly shows the location of your proposed premises within the building or building complex, along with the addresses and/or suite numbers of the other businesses and/or tenants within the building or building complex. Limited marijuana cultivation licensees must clearly delineate the proposed area(s) for cultivation.

The second page of this form is not required. Blueprints, CAD drawings, or other clearly drawn and marked diagrams may be submitted in lieu of the second page of this form, as long as it meets the requirements listed on this form. The first and third pages must still be completed, attached to, and submitted with any supplemental diagrams. An AMCO employee may require you to complete the second page of this form if additional documentation for your premises diagram is needed.

This form must be signed by the licensee and by the local government having jurisdiction over the location of the premises before it is submitted to AMCO staff for review.

This form must be completed and submitted to AMCO's main office prior to altering the existing floor plan. The licensed premises may not be altered unless and until the AMCO Director has given written approval on this form. Please note that licensees seeking to change licensed premises diagrams for multiple licenses must submit a separate completed copy of this form for each license.

	Yes	No
I have attached blueprints, CAD drawings, or other supporting documents in addition to, or in lieu of, the second page of this form.	☑	☐

Section 1 – Establishment Information

Enter information for the licensed establishment.

Licensee:	Alaskan Blooms, LLC	**License Number:**	10073		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	ALASKAN BLOOMS, LLC				
Premises Address:	2448 Arvilla St.				
City:	Fairbanks	**State:**	AK	**ZIP:**	99709

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

Form MJ-14: Licensed Premises Diagram Change

Section 3 – Declarations and Approvals

Read the line below, and then sign your initials in the box to the right of the statement: Initials

If a local building permit is required, I have attached a copy of it to this form. ☐

As a marijuana establishment licensee, I declare under penalty of unsworn falsification that I have examined this form, including all attachments, and to the best of my knowledge and belief find the provided information to be true, correct, and complete.

Signature of licensee

Bene Bloom
Printed name of licensee

Notary Public in and for the State of Alaska.

My commission expires: May 16, 2017

Subscribed and sworn to before me this 3rd day of November, 20 16

SUSAN R LAVANWAY
Notary Public, State of Alaska
Commission # 1305104
My Commission Expires
May 16, 2017

Local Government Review (to be completed by an appropriate local government official)

	Yes	No
The proposed changes shown on this form conform to all local restrictions and laws.	☒	☐
A local building permit is required for the proposed changes.	☐	☒

D. Christine Nelson
Signature of local government official

11-23-16
Date

D. Christine Nelson
Printed name of local government official

Community Planning Director
Fairbanks North Star Borough
Title

AMCO Review:

		Approved	Disapproved
Signature of AMCO Enforcement Supervisor	Signature of Director	☒	☐
James Hoelscher Printed name of AMCO Enforcement Supervisor	Cynthia Franklin Printed name of Director	12-16-16 Date	

AMCO Comments:

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

Form MJ-14: Licensed Premises Diagram Change

Section 2 – Detailed Premises Diagram

Clearly indicate the boundaries of the premises and the proposed licensed area within that property. Clearly indicate the interior layout of any enclosed areas on the proposed premises. Clearly identify all entrances, walls, partitions, counters, windows, areas of ingress and egress, restricted access areas, and storage areas. Include dimensions in your drawing. Use additional copies of this form or attached additional documents as needed.

Exhibit A - Narrative explaining change that is being requested.

Exhibit B - Documents evidencing change of address consolidating addresses into one address.

Exhibit C - Aerial diagram of buildings that now comprise the address to 2498 Anvilla St.

Exhibit D - Inside diagram of building B showing proposed cultivation Areas of new area requested to be included license #10073

Exhibit A

The change being requested is to include the building identified as 2448 Arvilla St., Building B, into Alaskan Blooms, LLC Standard Cultivation License number 10073. The owner of the parcel combined all three buildings, Building A, B, and C into one address so that Alaskan Blooms can utilize building B as a cultivation bloom room without having to obtain a separate cultivation license, separate security system (building B will have cameras that are part of the security system already in place for License 10073), and not have to obtain a separate Metrc tracking system as well. The plan is to only have plants that are in the bloom cycle and not have any plants in building that are in the vegetative state.

Exhibit B

Fairbanks North Star Borough
Department of Community Planning
809 Pioneer Road/P.O. Box 71267
Fairbanks, Alaska 99707-1267
(907) 459-1260 Fax: (907) 459-1255
planning@fnsb.us

For Office Use Only
Received By: Kim
Date Submitted:
Comm. Planning Dept
OCT 11 2017
RECEIVED

SITE ADDRESS REQUEST

REQUEST TYPE: ☐ New Situs Address ☑ Correction of Situs Address
☐ Verify Situs Address ☐ New Construction

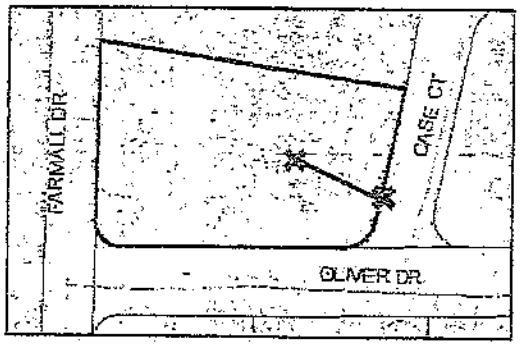
Applicant:	Property Owner:
Contact Name: Gene Bloom	Name: Bloom Enterprises
Mailing Address: 1862 Park drive	Mailing Address: 2448 Arvilla st
City, State Zip: Fairbanks Alaska 99709	City, State Zip: Fairbanks Alaska 99709
Contact Phone #: 907-987-1010	Contact Phone #: 907-322-5820
E-mail: Alaskanbloom@gmail.com	E-mail: AlaskanBloom@Gmail

Property Information:	
Property Account Numbers (PAN): 169927, 169935, 169917, 169987, 169981	Access Street: Arvilla st
Property Description: (Subdivision/TL – Block # – Lot #) TL 2017 & TL 2018, TL 2014, TL 2013, TL 2003	
Existing Site Address (if any): 2526 and 2447, 2448	
Comments (sub-address info, etc.): we must call to obtain 2448 Arvilla as an address *Bldg*	

Attach a site plan indicating access from your lot onto a named road (see example at right).

Site plan MUST SHOW (checklist):

- ☐ Building location (marked with X)
- ☐ Access location (marked with X)
- ☐ Driveway (single line)
- ☐ Lot lines
- ☐ Road centerlines



E-mail or scan to address@fnsb.us

Notes regarding new construction:

- ☐ *Any new construction in any zone other than GU-1 requires a Zoning Permit Application.*
- ☐ *Any new construction in a Flood Zone other than Flood Zone X requires a Floodplain Permit Application.*
- ☐ *Any new or changed driveway in a Road Service Area requires a Driveway Permit Application.*
- ☐ *Access onto DOT&PF, City of Fairbanks, or City of North Pole roads requires a driveway permit from the applicable entity.*

For Internal Use Only	
Planning Review:	Comments:

Fairbanks North Star Borough is subject to the Alaska Public Records Act, AS 40.25 et seq. and this document may be subject to public disclosure under state law.

Fairbanks North Star Borough
Department of Community Planning

P.O. Box 71267
Fairbanks, Alaska 99707-1267

Phone: (907) 459-1260
Fax: (907) 459-1255
planning@co.fairbanks.ak.us

Zoning Permit Number: 17671

This permit is issued based on the lot dimensions and zone applicable to the lot on the date of issuance. If prior to construction, the zone or the lot dimensions change, this permit will no longer be valid and a new permit must be obtained.

General Information

Date: 10/21/2016 **Telephone:** 907-322-5830

Applicant: GENE BLOOM DBA ALASKAN BLOOMS **Cell Phone:**

Mailing Address: 1162 PARK DR, FAIRBANKS AK 99709 **Email:** alaskanblooms@gmail.com

Property Description: 0169927 TL-2017 SEC 20 T1S-R1W **Site Address:** 2448 ARVILLA ST BLDG B MS

Existing Use: Commercial Structure: Warehouses

Proposed Use: Commercial Structure: Marijuana cultivation facility, indoor large : 2,825 sq.ft.

Dwelling Units: 0 **New:** **Existing:**

Building Height (stories): 1

Total Area of Structure: 2,825 SF **New:** 0 SF **Existing:** 2,825 SF

Lot Size: 15,600 SF

Est. Construction Cost: $0

Note: The existing warehouse building on the subject property is 19 feet +/- from the south front property line toward Eula Street. This existing building may not meet the current minimum front-yard setback requirement of 20 feet in LI zone.

The maximum height for a marijuana cultivation facility, indoor large shall be 75 feet.

- I certify that I am the owner or that I am authorized to act for the owner of the property.
- I certify that this information is to the best of my knowledge true and complete.
- I acknowledge and will comply with the conditions set forth in this zoning permit.
- I understand that the holder of this permit is required to comply with all other applicable laws, including city, borough, state and federal laws.
- I agree to submit current and accurate documents if the site plan or other application materials are changed subsequent to issuance of this permit.
- I understand that this permit is appealable and that this appeal must be submitted and perfected within 15 days of the date of the decision in accordance with FNSBC 18.104.090.
- This permit is issued contingent upon the applicant obtaining the appropriate State of Alaska Commercial Marijuana Facility License.

C Bloom 10-24-16

Applicant Signature Date

Zoning Specifications

Existing Zone:	LI (100%)	Flood Zone:	X PROTECTED BY LEVEE (100%)
Minimum Lot Size:	0		
Front Yard Req:	20	Road Service Area:	No
Side Yard Req:	0	Parking Spaces Req:	6
Rear Yard Req:	0	Building Type:	Principal

Conditions

Floodplain Permit Required: No

FNSB Driveway Permit Required: No

Conditions: Marijuana cultivation facility, indoor large

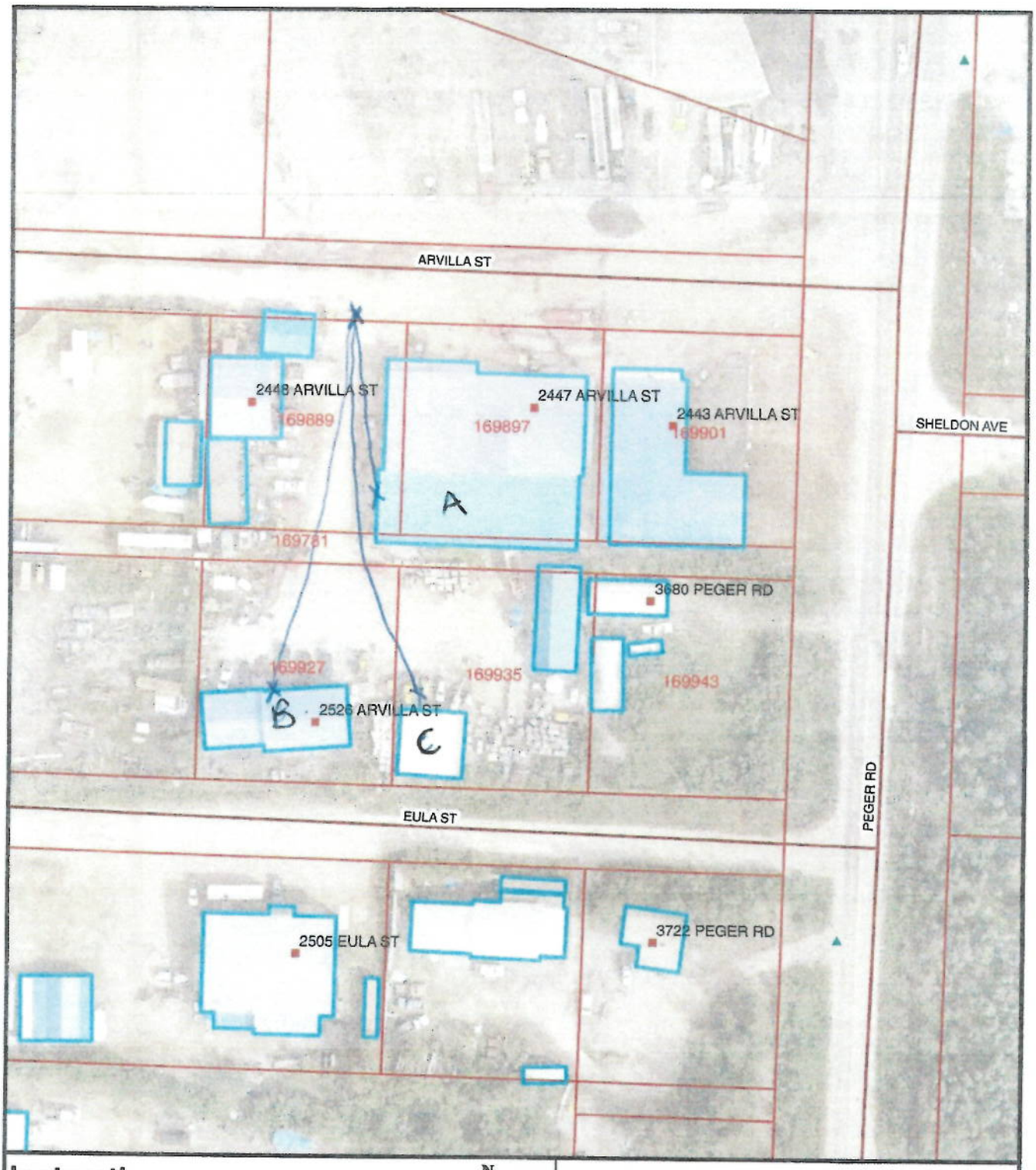
Reasons: Marijuana cultivation facility, indoor large meets Title 18 requirements

Permit Approval: Approved

Manish 10/4/2016

Zoning Official: Singh, M Date

This is a Fairbanks North Star Borough Community Planning Department Zoning Permit. Please contact other departments and agencies to obtain permits as necessary.



Instructions

1.) Mark building location with 'X'
2.) Mark access location with 'X'
(Where end of driveway meets road.)
3.) Draw single line showing approximate driveway location connecting the two X's.

N W E S

Site Address Request
Site Plan

0 25 50 100 150 200 Feet

A L A S K A

2016 – 015703 – 0

Recording District 401 Fairbanks

10/19/2016 09:16 AM

Page 1 of 1

ZONING LOT AFFIDAVIT FOR FAIRBANKS NORTH STAR BOROUGH

STATE OF ALASKA)
) SS.
FOURTH JUDICIAL DISTRICT)

I, Eugene A. Bloom, being first duly sworn, depose and state that:

1. I am the owner of 2448 Arvilla St Bldg A, 2448 Arvilla St Bldg B and 2448 Arvilla St Bldg C. Lot 2013 Section 20 Township 1S Range 1W Meridian F PAN# 169889; is developed with Lot 2014 Section 20 Township 1S Range 1W Meridian F PAN# 169897; is developed with Lot 2017 Section 20 Township 1S Range 1W Meridian F PAN# 169927; is developed with Lot 2018 Section 20 Township 1S Range 1W Meridian F PAN# 169935; is developed with Lot 2003 Section 20 Township 1S Range 1W Meridian F PAN# 169781.

2. I wish to use the above Lots as a zone lot in Fairbanks Recording District.

3. I understand that this action encumbers all lots together as one lot.

4. I understand that I will not be able to separate said lots unless zoning and building code regulations are complied with.

5. This document is null and void when zoning and building code regulations have been complied with.

6. I understand that I am responsible for filing this document with the Alaska Department of Natural Resources Recorder's Office and providing the Fairbanks North Star Borough Department of Community Planning with a copy of the signed/stamped document.

Return to: Eugene Bloom

Eugene Bloom
1162 Park Dr.
Fairbanks, AK 99709
(Signature, Printed Name and Address of Affiant)

SUBSCRIBED AND SWORN TO BEFORE ME on this 18th day of October, 2016.

J Poehls

Notary Public in and for Alaska
Commission Expires: 8/7/2019

State of Alaska
NOTARY PUBLIC
J. Poehls
My Commission Expires Aug 7, 2019

Fairbanks North Star Borough
809 Pioneer Road
Fairbanks, Alaska 99701-2813

Date: 10/12/2016

BLOOM ENTERPRISES INC
1162 PARK DR
FAIRBANKS AK 99709 4715

RE: Physical Addresses (Property Acct# 0169897)

Dear Owners:

The Fairbanks North Star Borough Code (17.08.100) requires all areas of the FNSB to use the borough-wide FNSB street addressing system. The Fairbanks North Star Borough has assigned the following physical address(es) to the existing structure on

2007 T/R ASSEMBLED NOW KNOWN AS UMB02 SECTION 2

as located on the attached site plan.

The assigned address(es) for your property is:
2448 ARVILLA ST BLDG A

For rapid and accurate dispatch of E-911 emergency aid (fire, police, ambulance), it is imperative that you post your numbers so they are clearly visible from the road.

Check with your phone and other telecommunication providers to insure the proper address appears in the E911 database.

Please post your numbers clearly on the structure, and at the driveway entrance if the building is not visible from ARVILLA ST

Reflective house number signs may be available free of charge from:

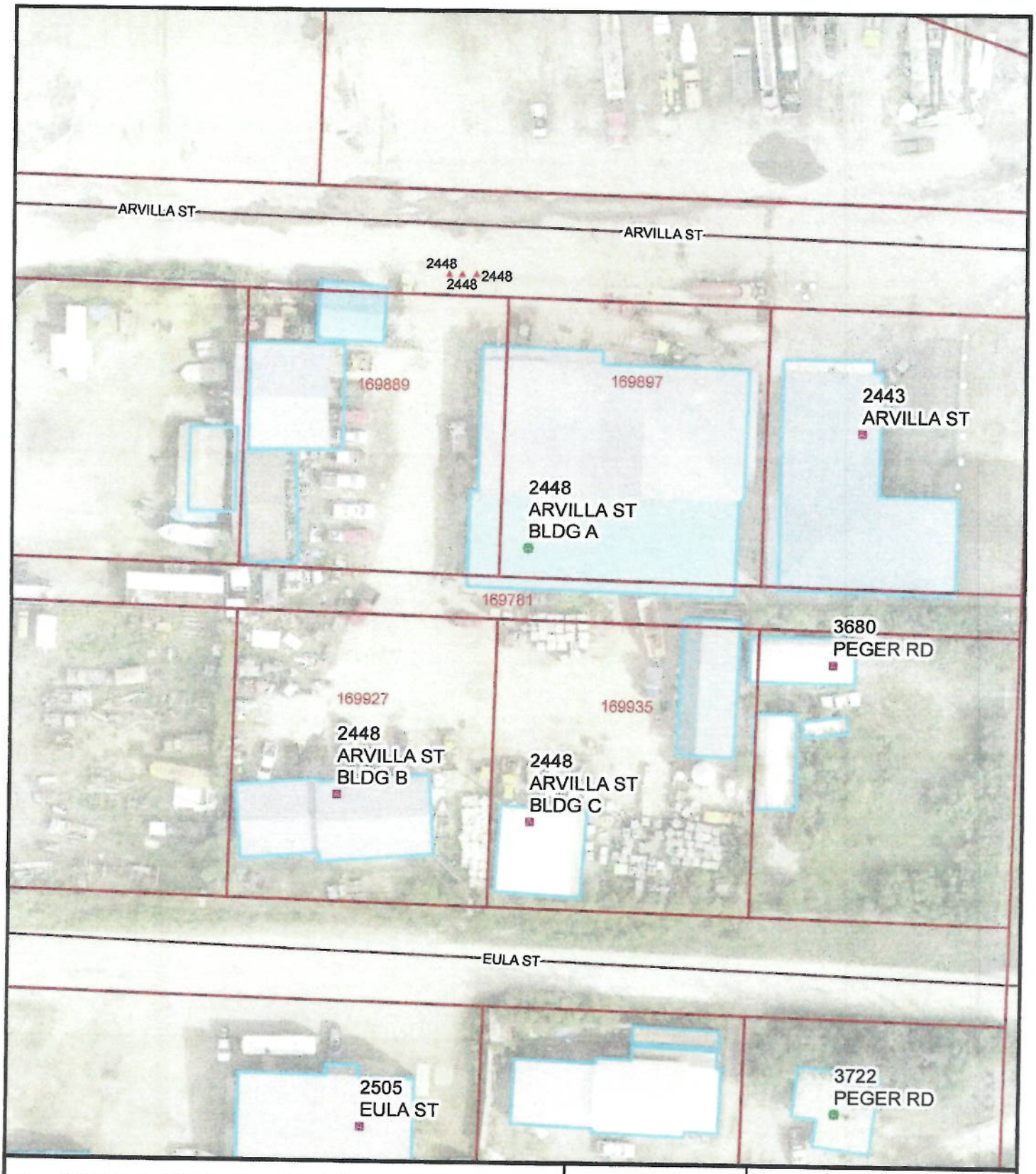
University of Alaska Fire Department (907) 474-5770

This letter should provide the necessary legalities for informing all applicable utility, title, mortgage, and insurance companies of the addresses assigned. If you have any questions, please contact me at Fairbanks North Star Borough, Department of Community Planning 459-1264.

Sincerely,

Willis R. Witte

Bill Witte, GIS Tech – Street Addressing/E911
Ph: 907-459-1264 Email: bwitte@fnsb.us
Department of Community Planning



Site Access Point
Site Address Point
Unverified Address
Site Address with Access Point
Vacant Awaiting Construction
Vacant; No structure or site plan
Building Outlines

1:700

0 25 50 100 150 200 Feet

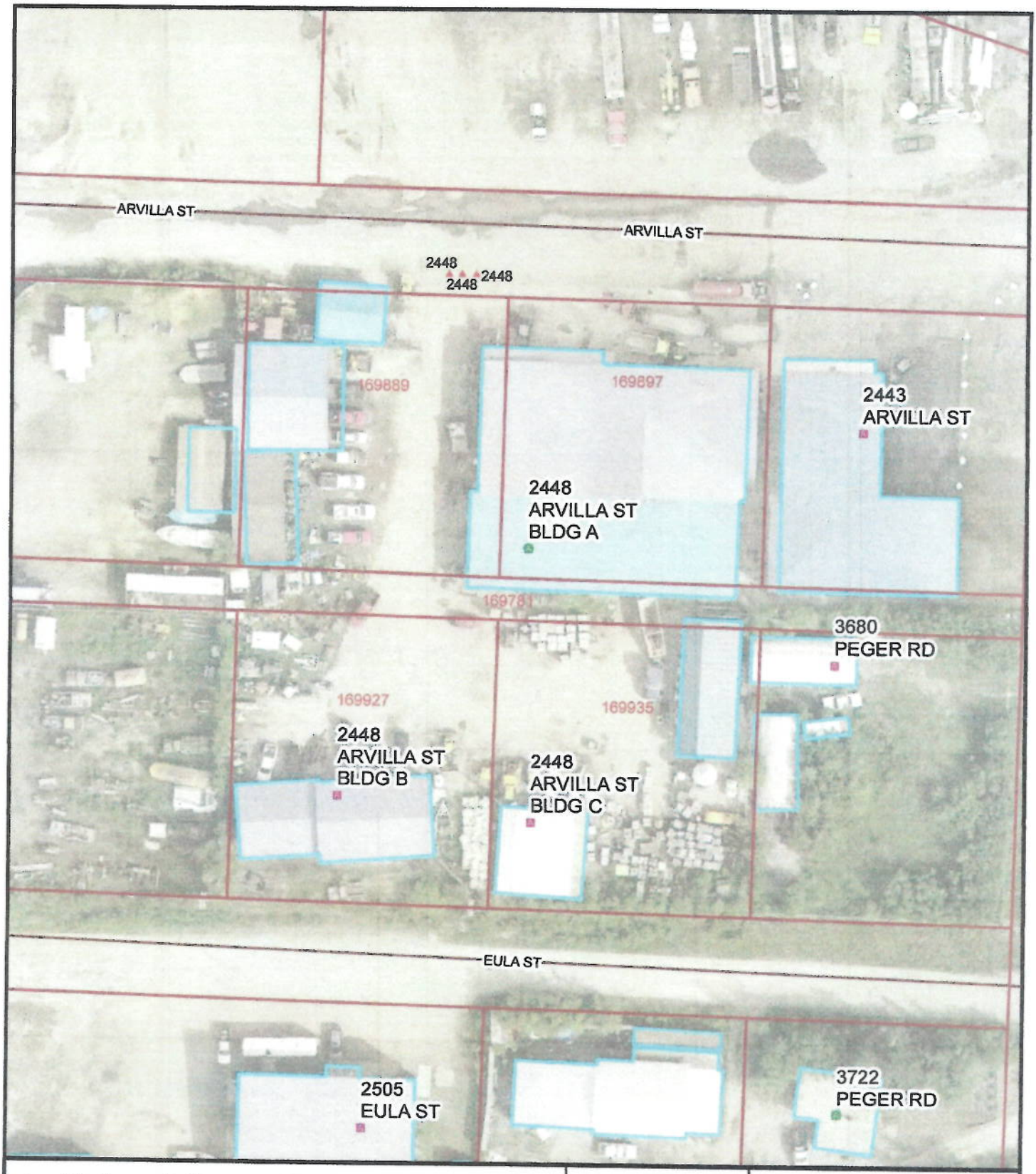
N

FAIRBANKS NORTH STAR BOROUGH January 1, 1964

Address Assignment Map

Editor: KS | 10/12/2016

Exhibit C



Site Access Point
Site Address Point
Unverified Address
Site Address with Access Point
Vacant Awaiting Construction
Vacant; No structure or site plan
Building Outlines

1:700

0 25 50 100 150 200 Feet

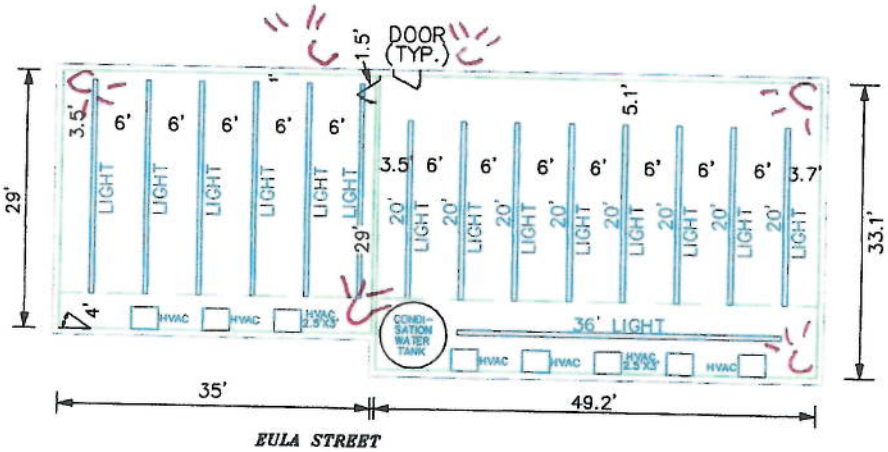
N

FAIRBANKS NORTH STAR BOROUGH January 1, 1964

Address Assignment Map

Editor: KS | 10/12/2016

Exhibit D



= Cameras

GRAPHIC SCALE

0 20'

SCALE: 1" = 20'

GROW – FLOOR PLAN DESIGN

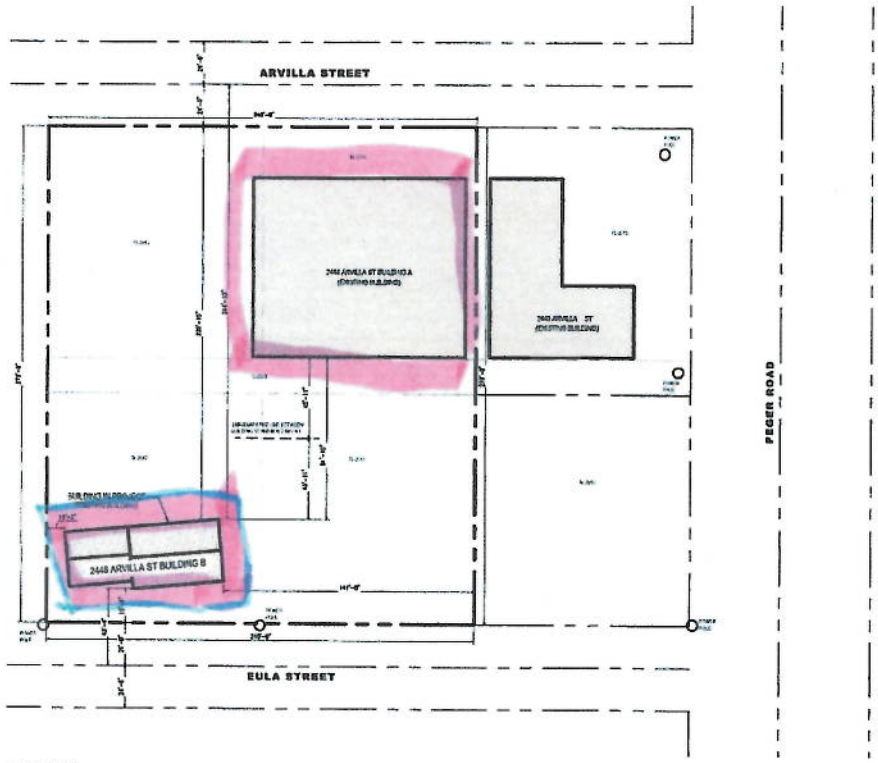
BLOOM ENTERPRISES INC. – ATTN: GENE BLOOM

TL-2017, SEC. 20, T1S, R1W, FM

2448 Arvilla St, Building B, Fairbanks, AK

JOB NO.: 3TA16900

DRAFTED: RCH



SITE PLAN

SCALE: 1" = 50'-0"

= Already Licensed under 10073

= Proposed Premises to added to License #10073

G2 CONSTRUCTION

ACS ALASKAN CONSTRUCTION SERVICES

STATE OF ALASKA 49TH

Christopher Fabe No. 105389 12/12/2016 REGISTERED PROFESSIONAL ENGINEER

ALASKAN BLOOMS
CULTIVATION BUILDING B
2448 ARVILLA ST FAIRBANKS ALASKA

AMCO
PLAN REVIEW
DECEMBER 12, 2016

SITE PLAN

A00

GENERAL NOTES:

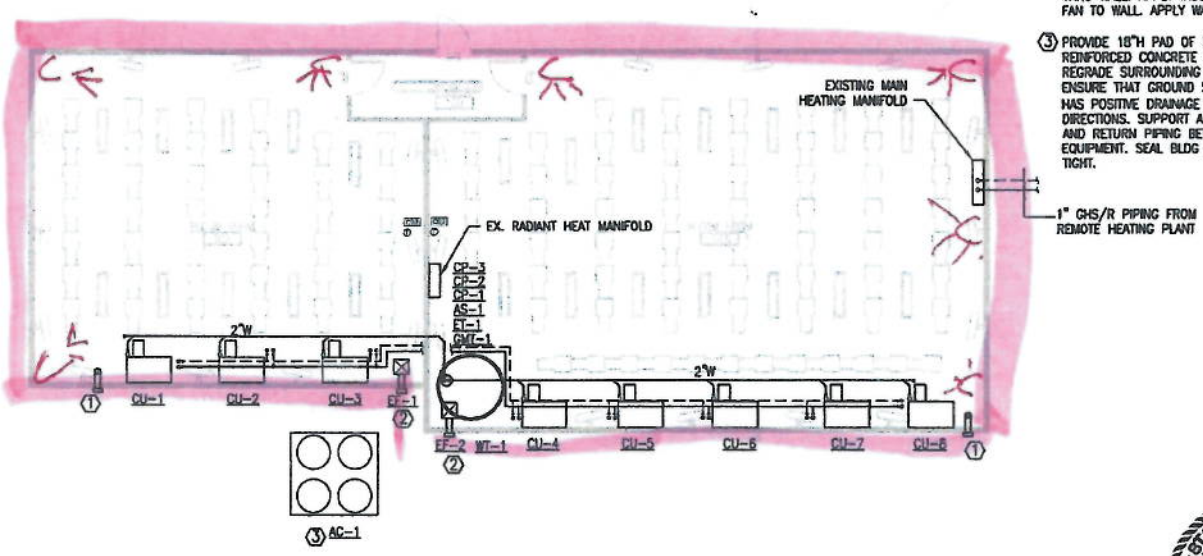
1. BUILDING IS CONFIGURED WITH EXISTING IN FLOOR RADIANT HEAT. PROTECT ALL EXISTING PIPING, MANIFOLDS AND CONTROLS.
2. CONDENSATE PIPING IS 2" PVC DWV AND FITTINGS. SLOPE TO DRAIN TO TANK.

SHEET NOTES:

(1) 6ø DUCT, WITH 12" COLD TRAP. WRAP WITH 1" FG INSULATION W/VAPOR BARRIER. APPLY WALL CAP ON EXTERIOR. PROVIDE LOCKING MANUAL DAMPER AT WALL.

(2) CEILING MT. EXHAUST FAN. ROUTE 6ø DUCT THRU WALL. APPLY INSULATION TO DUCT FROM FAN TO WALL. APPLY WALL CAP ON EXTERIOR.

(3) PROVIDE 18"H PAD OF NFS MATERIALS WITH 6" REINFORCED CONCRETE HK PAD UNDER AC-1. REGRADE SURROUNDING GROUND AS NEEDED TO ENSURE THAT GROUND SURROUNDING AC UNIT HAS POSITIVE DRAINAGE WITHIN 20' ALL DIRECTIONS. SUPPORT AND PROTECT SUPPLY AND RETURN PIPING BETWEEN BUILDING AND EQUIPMENT. SEAL BLDG PENETRATION WEATHER TIGHT.



STATE OF ALASKA 49TH Roy Talbo Strandberg No.11671 REGISTERED PROFESSIONAL ENGINEER

FOR FIRE MARSHAL

DATE SIGNED: 12/11/16

DATE	REVISION	BY					
		RTS	DATE 12/11/16	DESIGNED	RTS	STRANDBERG ENGINEERING	MECH PLAN ALASKAN BLOOMS BLDG B	M3 SHEET
			SCALE 1/8"=1'	DRAWN	RTS		
			SHEET 3 OF 4	CHECKED	RTS		

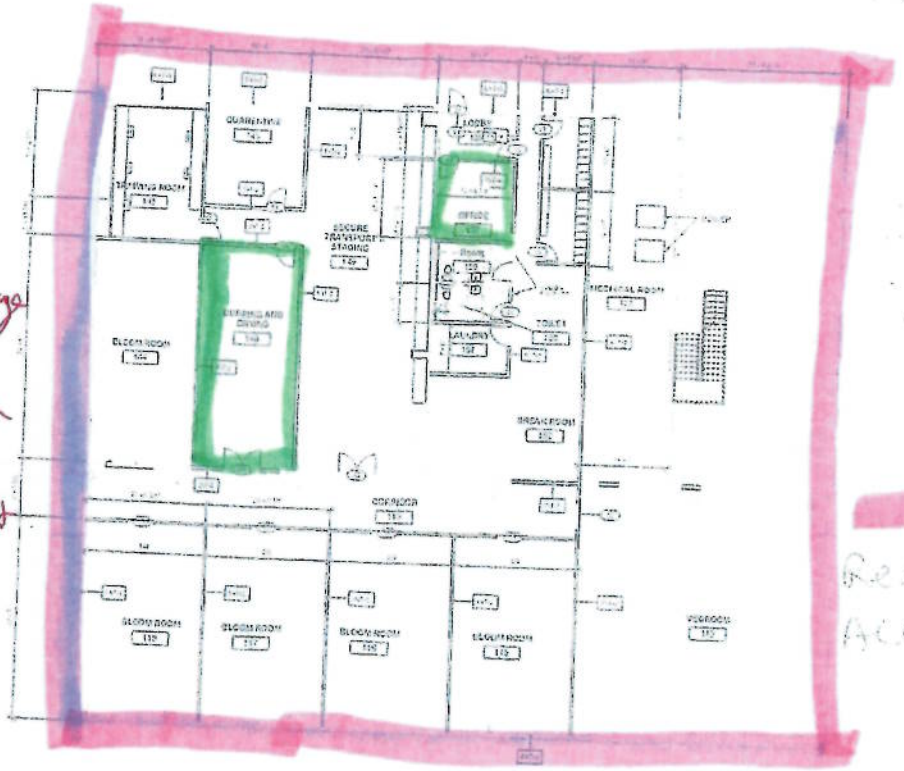
FILENAME: C:\USERS\DRAFTING ASSISTANT\DOCUMENTS\STRANDBERG ENGINEERING\2016 BLOOM ENTERPRISES\BLDG B\MX BLDG B.DWG

Building B - Request is to expand License #10073 into this building.

= Restricted Access AREA

* There is no storage areas in this building → all secured storage is ~~both~~ located in building A.

PLAN SHEET NOTES:



= Secured Storage Areas & In office secured storage of Security Equipment

= Restricted Access Area

FIRST FLOOR PLAN — 1st floor = All MJ Activity

DESIGN DEVELOPMENT, LLC
PO BOX 84411 FAIRBANKS ALASKA 99708
PH: 907-420-8625

PROJECT: CODE UPGRADE
2440 ARVILLA STREET
FAIRBANKS, ALASKA 99709

SHEET TITLE: FIRST FLOOR NEW WORK PLAN
PERMIT DRAWINGS

PROJECT #: 1509

A101

Building A → Diagram Approved by 1st MJ14 by AMCO on Oct. 25, 2016

Current Approved Operating Plan

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

Form MJ-15: Operating Plan Change

What is this form?

This operating plan change form is required for all marijuana establishment licensees seeking to change a licensed marijuana establishment's existing operating plan, under 3 AAC 306.100. With this form, a licensee may request changes to as much or as little as desired of Form MJ-01 and/or the corresponding operating plan supplemental for the establishment's license type. **The required $250 change fee may be made by credit card online (VISA, MasterCard, or Discover), or by check or money order.**

Please download, complete, and submit with this form **only the pages** of Form MJ-01 and/or the corresponding operating plan supplemental that contain sections that you are requesting to change. All fields that are left blank will be considered unchanged from the existing operating plan. All fields that are completed and submitted with this form will be considered as changes to the existing operating plan and are subject to board approval. **Please do not submit any wholly unchanged pages of an operating plan.**

The form(s) that I am requesting board approval to change is:

- ☐ **Form MJ-01:** Marijuana Establishment Operating Plan
- ☐ **Form MJ-03:** Retail Marijuana Store Operating Plan Supplemental
- ☒ **Form MJ-04:** Marijuana Cultivation Facility Operating Plan Supplemental
- ☐ **Form MJ-05:** Marijuana Product Manufacturing Facility Operating Plan Supplemental
- ☐ **Form MJ-06:** Marijuana Testing Facility Operating Plan Supplemental

This form must be completed and submitted to AMCO's main office prior to changing existing operations. The licensed establishment's operations may not be altered unless and until the Marijuana Control Board has approved of the changes. Please note that licensees seeking to change operating plans for multiple licenses must submit a separate completed copy of this form for each license.

Section 1 – Establishment Information

Enter information for the licensed establishment.

Licensee:	Alaskan Blooms, LLC	**License Number:**	10073		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	ALASKAN BLOOMS, LLC				
Premises Address:	2448 Arvilla St.				
City:	Fairbanks	**State:**	AK	**ZIP:**	99709

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Form MJ-15: Operating Plan Change

As a marijuana establishment licensee, I declare under penalty of unsworn falsification that I have examined this form, including all accompanying documents, schedules, and statements, and to the best of my knowledge and belief find them to be true, correct, and complete.

G Bloom
Signature of licensee

Gene Bloom
Printed name

Subscribed and sworn to before me this 29th day of November, 2016.

Susan R LaVanway
Notary Public in and for the State of Alaska.

My commission expires: May 16, 2017

SUSAN R LAVANWAY
Notary Public, State of Alaska
Commission # 1305104
My Commission Expires
May 16, 2017

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Alaska Marijuana Control Board

Operating Plan Supplemental

Form MJ-04: Marijuana Cultivation Facility

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:

Mother Room: 400 sq.ft. 25-50 plants
Veg Room= 1000 sq. ft. with 2550 plants in various stages of veg. (700 clone, 700 in 4" re-pot, 600 in 6" re-pot, 550 in last re-pot before bloom begins).
Bloom Rooms are 530 sq. ft x 3 = 1591 sq ft.
Total cultivation area is approximately 3000 sq ft.

Bloom room identified as Building B is all Blooming area and equals = 2660 sq. ft.

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Operating Plan Supplemental

Form MJ-04: Marijuana Cultivation Facility

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

Alaskan Blooms will be using soil as our grow medium and method. We use all non-toxic, organic soil and soil amenities including plant food, mold/mildew control, and pesticide control. The soil is a superior coconut-based planting mix. With Vital Earth's® Coconut Pith, the holding capacity of the extra-long strands of burgundy extra-low saline content coconut coir, creates a viable water-to-air ratio. We use these products from seedling to harvest. The AlgaeMix is a 100% organic algae-extract composed of the brown deep sea-algae. This bio-organic fertilizer is also be used as foliar feed. AlgaeMix stimulates an optimal root development, heals and prevents mineral deficiencies and effectively controls and protects from diseases. The product also regulates the absorption of other nutrients.

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

We use all non-toxic, organic soil and soil amenities including plant food, mold/mildew control, and pesticide control. The brand is Bio Nova will use Bio Nova exclusively for nutrients and SNS 209 Systemic Insect Control for pest control. The products are not pesticides in the chemical sense, but rather an organic alternative that uses of herbs such as rosemary and lavender (Safety Data Report available on request of AMCO). The facility will utilize CO2 to increase production. Alaskan Blooms will enrich all plant rooms with CO2, maintaining levels between 1500-2000 parts per million, with audible and visual alarming systems that will trigger should CO2 concentrations elevated to dangerous levels.

Building B will have no CO^2 enrichment

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

All plants will be watered by hand to ensure each plant receives no more, or no less, water than needed on a daily basis. Based on previous implementations of this cultivation methodology, Alaskan Blooms expects to use roughly 375 gallons of water a day in watering all plants. Water will be filtered through a double filtration system from Urban Ag. Along with filtering source water for plant feeding, this filtration setup will be used to filter waste runoff water occurring from feeding. Water will be stored in a 2500 gallon tank, and filtered prior to being delivered to the cannabis plants. Delivery to the plants will be done by hand to ensure consistency and increase efficiency. The water used on the cannabis plants will be mostly absorbed by the plant itself, any runoff water will be captured in trays upon which the plants will sit in during the entire cultivation process. All runoff water will be captured by the trays and none of the runoff water will reach the floor, which will negate any possibility of runoff non-domestic water entering into the domestic wastewater drain infrastructure. Instead, the runoff water from the cannabis plants will be captured by the trays and then transferred completely back into the tank and be filtered and then 100% recycled by means of the water being pumped back into the water filtration system which will essentially circulates the wastewater from the plant trays, back to a 2500 gal tank that is kept inside the facility and used only for the controlled use of watering the cannabis plants, recapturing runoff water, and reusing 100% of the same for the same limited and controlled purpose. The water is purified and then sent back to the watering tanks and filled again as needed. All water is contained, filtered, purified, and recycled inside of the tanks/filtration system.

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Operating Plan Supplemental
Form MJ-04: Marijuana Cultivation Facility

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:

The facility will be outfitted with reinforced security walls to separate all public areas of the premises from all cultivation areas, marijuana processing and storage areas, and restricted access areas. No individuals will be permitted on the premises without checking in with and being escorted by an authorized employee. No marijuana, marijuana product, or marijuana plants will be visible from any window or door that opens to the general public. All movement, transport, or otherwise ingress or egress of marijuana products will be discrete, utilizing the designated loading platform. All marijuana products will be securely packaged, labeled, and organized for transport within the facility before being moved out of the buildings.

Any marijuana transported from any other part of the site to or from Building B will be transported in an opeque container. Shielding it from any potential viewing from any right of way.

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

Vine Bloom
Printed name

Subscribed and sworn to before me this 23rd day of May, 2016.

SUSAN R LAVANWAY
Notary Public, State of Alaska
Commission # 1305104
My Commission Expires
May 16, 2017

Notary Public in and for the State of Alaska.

My commission expires: May 16, 2017