Alcohol & 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

Cover Sheet for Marijuana Establishment Applications

What is this form?

This cover sheet **must** be completed and submitted any time a document, payment, or other marijuana establishment application item is emailed, mailed, or hand-delivered to AMCO's main office.

Items that are submitted without this page will be returned in the manner in which they were received.

Section 1 – Establishment Information

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

Licensee:	Alaska Cannabis Exchange, LLC	**License Number:**	10671		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	ALASKA CANNABIS EXCHANGE, LLC				
Physical Address:	1805 & 1807 west 47th avenue				
City:	anchorage	**State:**	AK	**Zip Code:**	99503
Designated Licensee:	Aaron Ralph				
Email Address:	AlaskaCannabisExchange@gmail.com				

Section 2 – Attached Items

List all documents, payments, and other items that are being submitted along with this page.

Attached Items:	
12 PAGES	FORM MJ-04 CULTIVATION FACILITY
1 PAGE	FORM MJ-07 PUBLIC NOTICE POSTING AFFADAVIT
1 PAGE	FORM MJ-08 LOCAL GOVERNMENT NOTICE AFFADAVIT
8 PAGES	FORM MJ-09 STATEMENT OF FINANCIAL INTEREST
1 PAGE	PUBLISHERS AFFADAVIT

OFFICE USE ONLY					
Received Date:		Payment Submitted Y/N:		Transaction #:	

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:	Alaska Cannabis Exchange	**License Number:**	10671		
License Type:	Standard Marijuana Cultivation Facility				
Doing Business As:	Alaska cannabis Exchange LLC				
Premises Address:	1805 & 1807 West 47th Avenue				
City:	Anchorage	**State:**	ALASKA	**ZIP:**	995[redacted]03

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 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:

Alaska Cannabis Exchange will utilize the following space for the cultivation process.

Mother and Clone room will consist of approximately 234 square feet and measure 9' x 26'

Vegetative and flower room A will be approximately 2091 square feet and measure 48' x 47.5'
Vegetative and flower room B will be approximately 2197 square feet and measure 56.5' x 42'
Vegetative and flower room C will be approximately 2142 square feet and measure 28' x 76.5'
Vegetative and flower room D will be approximately 2229.5 square feet and measure 28' x 63.5' with an alcove that measures 21.5' x 21'

Secured Trimming, Curing, Packaging room will be approximately 322 square foot and measure 14' X 23'

Secured Storage and Quarantine room will be approximately 171 square feet and measure 9' x 19'

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

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

Alaska Cannabis Exchange will use a soil-less growing medium for most of the plants grown in the facility.
Clones will be made using coconut cubes.
Soil-less growing medium will consist of the following.
Fibrous peat moss, Vermiculite, Perlite
Soil additives that may be used will consist of the following:
Coconut fibers, Spaghnum peat moss,Earthworm castings,Bat guano and seabird guano, Fulvic Acid, Bone meal., Fish meal, Alfalfa meal, Shrimp meal, Kelp
See Attachment A

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

Alaska Cannabis Exchange will Follow all health and safety requirements as outlined in 3 AAC 306.735. during the delivery of fertilizers.
Alaska Cannabis Exchange may utilize the following fertilizers during the cultivation process.
Nitrogen
phosphorous
potassium
magnesium
calcium
See Attachment B

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

Alaska Cannabis Exchange will utilize a manual watering system to ensure all plants receive the proper amount of water and nutrients to each plant during during its life cycle.
Irrigation system will include a series of 275 to 330 gallon tote reservoir antibacterial water tanks for each stage of the growing cycle.
the cultivation manager will oversee all the fertilizers used and employees will be required to wear proper personal protective gear during the adding and administering of all fertilizers. water holding Tanks will be inspected daily to ensure that no leaks are observed and the integrity of the tanks are not compromised.
ACE Facility manager will direct the cultivation staff on proper watering procedures and times.
Fertilizers will be mixed and used and any remaining fertilizers will be stored in the water tank for not more than 5 days and will be disposed of using a RO (reverse osmosis) system to purify the water for reuse
all Potted soil plants will be given an exact amount of water and run off will be caught using a flood tray that will be absorbed by the plant over time or evaporate off.

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

(Additional Space as Needed):

Attachment A

Alaska Cannabis Exchange would like to reserve the right to utilize Hydroponic style growing mediums if certain strains may benefit from the use of such.

Hydroponic mediums that may be used will consist of the following

Coconut fibers

rockwool

natural clay

Peat moss, fibrous, or spaghnum

vermiculite

Perlite.

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

(Additional Space as Needed):

Attachment B

Copper

Boron

Chloride

Manganese

Molybdenum

zinc

cobalt

Ammonium

Urea

Bone Meal, blood meal, cottonseed meal, fish meal.

Potash

Nickel

ACE may use the following chemicals between plant cylcles when no plants are present in the room

Neem oil

Pyrethrum

ACE may utilize the following chemicals to be used during the cycle of the plant to control pests, insects, molds, and will be removed by rinsing the leaves following use with clean water to remove any residual chemicals applied.

Potassium, Sulfer, Florashield, and Clean leaf.

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

Describe the marijuana cultivation facility's waste disposal arrangements:

Alaska Cannabis Exchange will store, manage, and dispose of any solid or liquid waste, including wastewater as determined by the board in compliance with federal, state and local laws and regulations in compliance with 3 AAC 306.740(a) and ensure that the standards of health and safety are met by using personal protective equipment during the handling of any solid or liquid waste. Solid waste will be ground up daily and placed in locked drums or dumpsters located inside the facility in accordance with 3 AAC 306.740. No waste will be located outside the facility at any time and access to the drums or dumpsters will be in a secured area accessible only by licensees, managers or staff of ACE.
See Attachment C

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:

Alaska Cannabis Exchange odor control methods are as follows

All Cultivation rooms will be air sealed to keep odors inside the growing areas.
A series of HVAC Carbon filters and air scrubbers will be used in each of the growing rooms to ensure that all air being removed from the facility will be free of odors.
All other areas of the facility will have ionizers placed in optimal areas to eliminate odors outside the grow rooms and improve air quality throughout the facility.

Management will be required to maintain a log of the scheduled monthly changing or cleaning of filters to ensure no odors escape the facility.

All employees will be required to maintain a set of clothing to be used while in the facility, so as to not allow the odors to affect their street clothing and will be required to place soiled clothing in odor proof sealed container or bag to be removed from the facility to be washed or cleaned. ACE will provide each employee with personal protective gear as well as a lab coat or smock to be worn at all times within the facility as outlined in 3 AAC 306.440

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

(Additional Space as Needed):

Attachment C

Liquid waste will be ran through a RO (reverse osmosis) system and stored in 50 gallon drums to be reused or disposed of when necessary.

All waste will be recorded in the inventory tracking system METRC and Marijuana control board will be notified at least 3 days in advance of the proposed date of disposal. after the Marijuana control board releases the product for disposal it will be logged and transported to an approved landfill or composting facility. a manifest will be kept with the product at all times during transport and a copy will be stored at the facility.

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 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:

Alaska Cannabis Exchange will comply with the testing procedures outlined in 3 AAC 306.455 and 3 AAC 306.465

ACE will designated an authorized Licensee, Manager, or employee to collect Random samples from each strain or batch in quantities of 7 grams or an amount required by the testing facility. The designated employee shall prepare a statement showing that each sample was randomly collected and a copy will be maintained at the facility as well as a copy delivered to the testing facility. ACE will follow procedures set forth on the transportation of samples as outlined in 3 AAC 306.750.
All product from the batch or batches will be segregated and quarantined in a secured, cool, and dry location to prevent the product from becoming contaminated or losing its efficacy. Once the testing facility finishes the required testing and provides the necessary test results paperwork and everything is in compliance with state regulations and all paperwork has been filed, the product may be released for sale to another licensed facility.
Samples will be tested for the following
Cannabinoid Profile
Microbials
Residual Solvents
Molds
Mildew
Herbicides
Pesticides
Fungicides
any other chemicals or Filth
All samples will be placed in a color coded child resistant container to differentiate between any other products.
All samples will be entered into the Tracking system METRC as samples and any samples being returned to the facility will be disposed of according to the waste disposal protocol as outlined in 3 AAC 306.740

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:

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

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:

Alaska Cannabis Exchange's Facility has no windows in the secured areas and all doors opening to the exterior will have vestibules built to ensure anyone outside the facility cannot see into the secured areas when an exterior door is opened.
Ace will have a main entry door located in front of the facility and all other exterior doors are to be used for emergency purposes only. There will be an area designated at the entrance access as a "buffer zone" for anyone entering the facility to ensure proper documentation and paperwork can be performed and verified before allowing anyone into a secure access area.
ACE will utilize only one (1) overhead door to be used for all deliveries and transport of products and that entrance point will not have access to any secured access areas.

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

AARON C. RALPH
Printed name

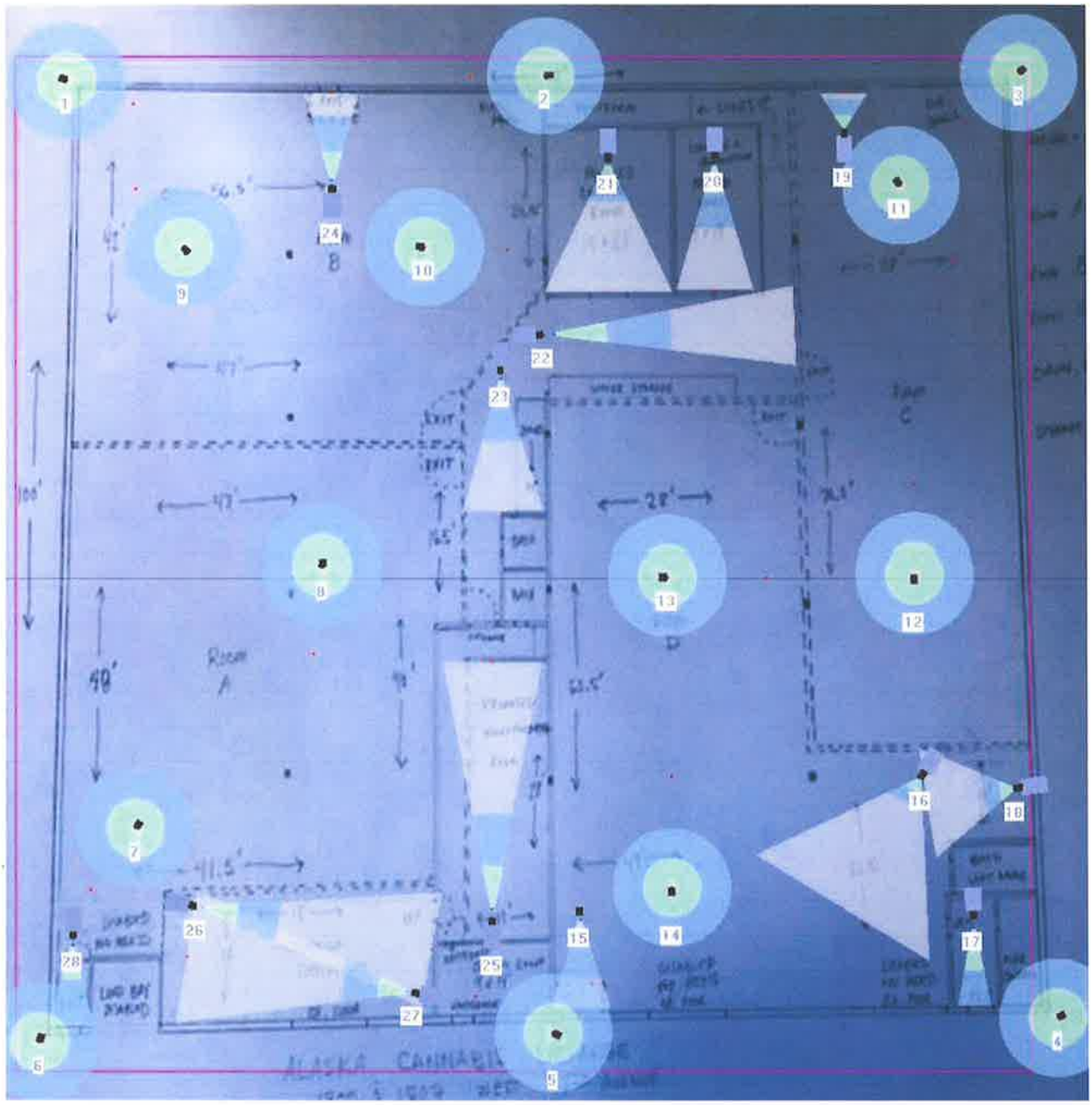
Subscribed and sworn to before me this 5th day of August, 2016.

STATE OF ALASKA
NOTARY PUBLIC
G. Cruickshank
My Commission Expires: May 5, 2017

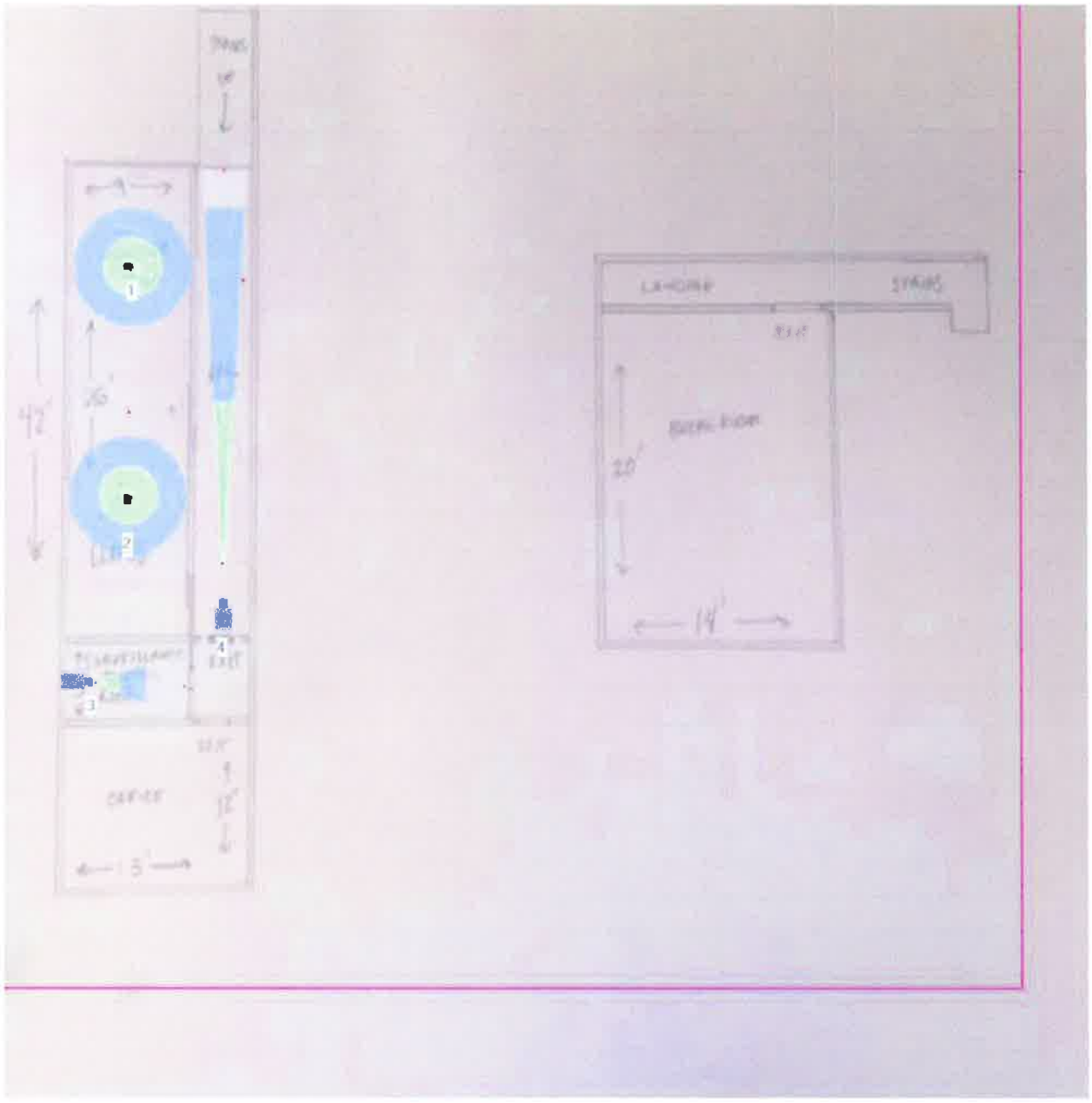
Notary Public in and for the State of Alaska.

My commission expires: 5/5/17

Alaska Cannabis Exchange 1st Floor Camera Layout.



Alaska Cannabis Exchange Camera Layout 2nd Floor



Cameras 1&2 Vivotek USA Inc FE8181/81V Fisheye Network Camera. All security cameras will be positioned in such a manner as to get the most identifiable view of anyone within 20 feet of their line of sight at each entrance and along the exterior and interior of each Restricted Access Area. Cameras will be placed at a height of 12 feet to insure unobstructed viewing of all product, plants and persons insuring all are captured on a maximum clear sight picture. All cameras will have a recording resolution of at least 1920x1080(2mp)-2560x1920 (5mp), and will have the ability to see at night using infrared technology for night time recordings.