VILLAGE OF NORTH BARRINGTON SPECIAL

PLAN COMMISSION MEETING

111 Old Barrington Road, North Barrington, IL 60010 July 18, 2022 7:30 P.M.

MEETING AGENDA

- 1. Call to Order
- 2. Roll Call
- 3. Pledge of Allegiance
- 4. Public Comment
- 5. Minutes
- 6. Continued Public Hearing

Text amendments to the Village's Zoning Ordinance. The Proposed text amendments would, if adopted, 1) Add a definition for "Indoor Farm Horticulture Operations" and related definitions, 2) Add "Indoor Farm Horticulture Operations" in the R-1 (Residential) District, 3) Add operational regulations and parking requirements for Indoor Farm Horticulture Operations.

7. Continued Public Hearing – 25815 W. Scott Road PIN's: 13-25-100-026, 13-25-100-028, 13-25-100-029

Zoning Map Amendment to rezone an approximately 4.43 acre parcel from R-1 Single Family Residential to R-1 Single Family Residential with Special Use for an Indoor Farm Horticulture Operation

- 8. Old/New Business
- 9. Adjournment

The Village of North Barrington is subject to the requirements of the Americans with Disabilities Act of 1990. Individuals with disabilities who plan to attend this meeting and who require certain accommodations so that they can observe and/or participate in this meeting, or who have questions regarding the accessibility of the meeting of the Village's facilities, should contact the Village's ADA Coordinator at (847) 381-6000, x. 10 promptly to allow the Village to make reasonable accommodations for those persons.

Posted by: Date: 7/14/2022 Time: 1/100 A.M.

PLAN COMMISSION

PUBLIC HEARING

ZONING TEXT AMENDMENT

&

ZONING MAP AMENDMENT WITH SPECIAL USE

To:

Chairman Gery Herrmann

Plan Commission Members

From:

John A. Lobaito, Village Administrator

Hearing Date:

July 11, 2022

Time:

7:30 p.m.

Subject:

Public Hearing on proposed Zoning Text Amendment and Map Amendment with

Special Use Request

Attachments:

1. Letter from Attorney Krysia W. Ressler dated June 10, 2022

2. Application for Zoning Text Amendment

3. Application for a Map Amendment (Rezoning) with a Special Use

4. Business and Operations Plan Document

5. Peter Snelten & Sons letter

6. Heizer Engineering, LLC letter dated May 9, 2022

7. Building Plans, Prepared by Joseph A. Meyer last revised June 10, 2022

8. Plat of Annexation

9. Draft Ordinance Amending Title 10 of the Zoning Code

10. Affidavit of Written Notification and Sign Posting

Petitioner Information: Anoosh Varda and Aummunnouel Varda

25815 W. Scott Road North Barrington, IL 60010

<u>Subject Property:</u> 25815 W. Scott Road. Located at the southwest corner of IL Route 59 and Scott Road. PIN 13-25-100-026; 13-25-100-028; 13-25-100-029



Subject Property Zoning: R-1 Single Family Residential.

Zoning Request:

Application No. 1 – (*Draft Ordinance Attached*)

- 1.) Zoning Text Amendments that include the following.
- A.) Amendments to Municipal Code Title 10 to add a definition for "Indoor Farm Horticultural Operations", "Vermiculture", and related definitions. Also adds limitations to horticultural operations and provides certain limitations and adds parking limitations.
- B.) Amendments to Municipal Code section 10-7-2 (Special Uses) by adding "Indoor Farm Horticultural Operations" in the R-1 Residential District.

Application No. 2

2.) <u>Rezoning of the Subject Property from R-1 Single Family Residential Zoning to R-1 Single Family Residential with Special Use for an Indoor Farm Horticultural Operations, and Vermiculture.</u>

Public Hearing Notice: (Reference Enclosed Affidavit)

Notice of the Two (2) Public Hearings were published in the Daily Herald on June 23, 2022. Copies of the Certificates of Publications are enclosed.

Posting of two (2) signs on the Subject Property were placed on June 24, 2022 in compliance with the Village Municipal Code.

Written notice for a Zoning Map Amendment to rezone the Subject Property to R-1 Single Family Residential with Special Use for Indoor Farm Horticultural Operations and Vermiculture was served by U.S. mail to all last known property taxpayers within 250 feet of the Subject Property. Mailing was post marked on June 29, 2022.

<u>Background:</u> The Subject Property is owned by Anoosh Varda and Alberta Varda and is improved with a single-family residential house and three accessory buildings and a detached garage. The property is served by a private sewage disposal system and private well.

The concept proposal was presented to the Village Board at its January 19, 2022 Village Board meeting. The Village Board consensus was to have the petitioner proceed through the public hearing process.

In 2017, the subject property was in unincorporated Lake County and the Owner was proposing the development of a chicken farm. On January 10, 2018, the property (excluding the single-family house) was annexed into North Barrington along with two other adjacent properties. That same year the Owner filed a zoning petition with North Barrington to operate a chicken farm. A public hearing was held before the Zoning Board of Appeals (ZBA) in May 2018. At the conclusion of the public hearing the



ZBA made an <u>unfavorable recommendation</u> on the petition to allow the subject property to be used for a chicken farm operation. The Owner abandoned the zoning petition, and the matter was never presented to the Board of Trustees for final action on the ZBA's recommendation.

<u>Waiver Compliance</u>: Section 10-7-1 of the Village Zoning Code relative to Special Uses provides that "<u>In</u> granting a special use, the corporate authorities may <u>waive compliance</u> with those provisions of this title which are specified in the special use ordinance."

Existing Zoning Non-conformities on the Subject Property

- 1. Lot Coverage Ratio
- 2. Building Setbacks
- 3. Fencing & Driveway Entryway Walls

Lot Coverage Ratio: Applying the lot coverage ratio requirements of Zoning Regulations Section 10-6-1(C), this 4.72-acre property is allowed a maximum lot coverage (total footprint area of buildings and accessory structures) of 11.47% or 23,614.71 s.f. Total footprint area of all existing buildings on the Varda property is approximately 24,701 s.f.

<u>Building Setbacks:</u> The Village Zoning Regulations Section 10-9-4 provides that accessory buildings and structures shall be located not less than 85 feet from the front of the lot or right of way. The East Building and North Building are both located less than 85 feet from the rights of way.

- ➤ The East Building is located 30.41 ft. from the IL Route 59 right-of-way and 30.87 ft. from the Scott Road right of way.
- > The North Building is located 40.12 ft. from the Scott Road right-of-way.

<u>Fencing & Driveway Entryway Walls:</u> The existing 6 ft. high wire fencing around the entire perimeter of the property and the 5-6 ft. high masonry walls at the gated driveway entrance to the property do not comply with the Village zoning regulations pertaining to fencing.

- > Section 10-11-2(A) provides that no fence shall be erected in a front yard.
- > Section 10-11-2(B) provides that no fence shall be more than 42 inches in height.
- > Section 10-11-2(C) prohibits wire mesh fencing.
- > Section 10-11-6 provide that no fence located at a street intersection may exceed 3 ft. in height for a distance of 25 ft. in each direction from the intersection.
- > Section 10-11-2(F) provides that all fences must be located completely within the property. The masonry walls at the gated driveway entrance and the adjoining wire fencing encroach from 0.3 ft. to 1.13 ft. into the Scott Road right of way.

<u>Proposed Improvements:</u> The petitioner plans to make improvements to the inside of the accessory buildings on the property to accommodate the vertical farming operations and vermiculture. The planned improvements are mostly mechanical including electrical, and HVAC. The most easterly building will be used for vermiculture and the most northerly building on the property will be used for growing microgreens. Plans are included in the Commissions packet.



<u>Private Wastewater Treatment System (Septic System)</u>: Heizer Engineering, LLC has provided a letter verifying the Septic System is in "...acceptable condition." on the day of the site visit on June 5, and June 9, 2022. Presumably the septic system was originally designed for house on the property and presumably also based on the number of bedrooms. Although, Heizer Engineering represents that the septic system is in an acceptable condition today, the system was not handling the full operation of the proposed business at the time of the site visits.

The petitioners have represented that they will have up to 11 employees. It is unknown if the septic system can accommodate the addition of 11 employees. The Village Health Officer has advised me that new septic systems for business takes into consideration the number of employees so that the septic system is not overloaded.

<u>Additional Considerations:</u> As part of a Special Use the Village may place reasonable conditions on the Special Use. In this instance the Indoor Farm Horticulture and Vermiculture. The Commission may want to consider the following in their review and consideration of the petition.

- 1. Limitations on hours of operation.
- 2. Limitations on outside storage of materials and/or equipment.
- 3. Maximum number of employees.
- 4. Number of deliveries per day/week/month.
- 5. Type of vehicles used.
- 6. Private wastewater treatment system (Septic System).

Bernard Wysocki Perry S. Smith, Jr. Krysia Wysocki Ressler

WYSOCKI & SMITH

Attorneys at Law Wysocki Law Building 403 Grand Avenue Waukegan, IL 60085 Area Code – (847) Telephone: 623-2200

Fax: 623-9242

June 10, 2022

VIA EMAIL & HAND DELIVERED <u>jlobaito@northbarrington.org</u>

Mr. Gery Herrmann Chairman of Plan Commission Plan Commission Village of North Barrington 111 Old Barrington Road North Barrington, IL 60010

Re: 25815 W. Scott Road, North Barrington, IL 60010

Dear Mr. Herrmann and Plan Commission:

My name is Krysia Ressler of Wysocki & Smith Law Office and we represent Aummunnouel Varda and Anoosh Varda in their Request for Amendment to the Special Use Category for R-1 Zoning District.

Currently, the Varda's property is split between the County and the Village. The property in the Village is a located in a R-1 residential non-conforming use as it is approximately 3.33 acres. The Vardas' request a special use on the property to expand their business on the Village property as well. Currently, the business is only operated on the County property. In allowing the Vardas the Special Use, they would agree to annex the rest of their property into the Village so their property can return to legal conforming R-1.

The Vardas' business is vertical farming and vermiculture. Vertical farming is an environmentally progressive use in growing plants in a controlled building environment without the dependence of outside weather, threat of insects, or use of pesticides. Vertical farming is where plants grow on shelves with controlled lighting and temperature. It utilizes recycled water, LED lighting and omits herbicides and pesticides. The urban ecosystem offers lower emissions, provides higher nutrient produce and reduces water usage and runoff. The growing of microgreens does not use soil, but uses a hydroponic system that thrives without use of nutrients. Any system that does use nutrients will be a closed loop system that is not discarded into the environment or the sewage system. The benefit of vertical farming is the Vardas can farm all year round. Vermiculture is the cultivating of soil through worm casting. Worm casting soil is suitable for plants and vegetables inside and outside.

The Vardas currently harvest leafy sweet peas microgreen, radish microgreen, sunflower microgreen, and probiotic microgreen. The Vardas' harvest is not limited to microgreens but also includes, peas, sunflowers, radishes, mushrooms to name a few. The Applicant will **not** be growing marijuana.

There would not be any air, odor, water or noise pollution.

There are three buildings on the property to be used for the purpose of indoor farming year round. The height and square foot of each building

East Building – 10-foot ceilings, 6,250 square feet Big Building – 10-foot ceilings, 12,500 square feet West Building – 10-foot ceilings, 3,000 square feet

This proposed use is consistent with North Barrington's Comprehensive Plan.

The proposed use will not diminish the value of adjacent and nearby properties, but instead create value to the property.

The proposed use will not substantially increase traffic, cause traffic congestion or on-street parking. The property will consist of a parking lot that allows for eleven spaces.

The crops grown on site will be transported using a refrigerated sprinter van that weighs between 8,500-10,000 lbs. This van will be running daily shipments of crops which will be scheduled first thing in the morning. The vermiculture aspect of the property will require a single 6-yard dump truck, weighing at max 30,000 lbs.

The Vardas would employ a maximum of eleven employees to maintain the plants and vermiculture. The employees on site would be required during a span of 7:00am to 5:00p.m.

Any light used in the building will not be seen from the outside. There are no windows in the building so the Vardas can control the lighting and temperature.

The produce is currently sold to retailers such as Eurofresh, Garden Fresh Market, Montrose Market and at local farmers markets. The Vardas forecast that microgreens will continue on the trend of popularity. They expect to continue selling whole sale and retail through weekly shipping. There will not be a microgreen store on site for customers to buy. Any purchasing from individual patrons would be made on-line and shipped to the customer.

We have attached the Vardas' Text Amendment Application along with the following supporting documents:

- ❖ Site Plan
- **❖** Building Plan
- ❖ Business Plan of North Barrington Vertical Farm (NBVF)
- Warranty Deed
- ❖ Paid Property Taxes
- ❖ Plat of Annexation
- ❖ North Barrington Comprehensive Plan dated January 2015
- ❖ Peter Snelten & Sons Inc Water Well Contractors
- ❖ Heizer Engineering LLC Wastewater Treatment System Inspection

Enclosed please find the check number 1036 in the amount of \$300.00 from Mr. Varda to for the Plan Commission filing fee.

If you require any further information please advise. We look forward to presenting the Vardas' request to the Planning Commission.

Yours very truly,

Krysia W. Ressler

WYSOCKI & SMITH

Enclosure

cc: Aummunnouel Varda and Anoosh Varda

APPLICATION FOR ZONING TEXT AMENDMENT

VILLAGE OF NORTH BARRINGTON TEXT AMENDMENT APPLICATION

4 m m 1 2	DATE: Car Em VOZO
Applicant Name: Aummunnouel Varda and A	noosh Varda
Address: 25815 W. Scott Road, North Barring	don, H. 60010
Phone: 312-208-3984 Fax:	NIZA
Section(s) of Ordinance to be Amended: Title	Email: avarda67@gmail.com
General Description of Requested Text Amer	ndment and Proposed Language [attach additional pages, if necessary]
The applicant requests to amend Title 10- Section	on 7 of the Village and the state of the village and the vil
special use within R-1 zoning district.	on 7 of the Village code to include indoor farm horticultural operations as
JUSTIFICATION OF PROPOSED TEXT A	MEMBMENT
In evaluating the proposed text amondance of	ALEMANIE AT :
standards imposed by the Zoning Ordinance. Pl	Planning Commission and Village Board will make findings based on the ease respond to each of the following criteria and describe how the
proposed text amendment complies with each. [a	attach additional pages, if necessary1
1) The extent to which the proposed amondary	
sustainable plants year round without interfering	nent promotes the public health, safety, and welfare of the Village. orticultural operations that would allow the Vardas to produce in public health, safety, and welfare of the Village.
1) The consistency of the proposed amendme	at with the Comprehensive Plan and any adopted land use policies.
	The transfer chemistre right and any adapted land and any
anuary 2015, the property is located in the Village	village's Comprehensive Plan. Pursuant to the Comprehensive Plan dated
ne proposed amendment is consistent with the Vanuary 2015, the property is located in the Village	with the Comprehensive Plan and any adopted land use policies. Village's Comprehensive Plan, Pursuant to the Comprehensive Plan dated se Agricultural/Residential area.
anuary 2015, the property is located in the Villag The consistency of the proposed amendment	ge Agricultural/Residential area.
The consistency of the proposed amendment be proposed amendments to the ordinance proposed.	nt with the intent and general regulations of this Ordinance.
The consistency of the proposed amendment the proposed amendment to the ordinance promontained area and promotes the development of a pplicant hereby certifies that: (1) All statements	nt with the intent and general regulations of this Ordinance, ote the intent of the special use Chapter as the indoor farm is in a green community.
The consistency of the proposed amendment to the proposed amendments to the ordinance promontained area and promotes the development of a pplicant hereby certifies that: (1) All statements apprect to the best of the applicants knowledge and	nt with the intent and general regulations of this Ordinance, one the intent of the special use Chapter as the indoor farm is in a a green community.
The consistency of the proposed amendment the proposed amendment to the proposed amendments to the ordinance promontained area and promotes the development of a pplicant hereby certifies that; (1) All statements apprect to the best of the applicants knowledge and part of the Official Records of the Village of North 1	nt with the intent and general regulations of this Ordinance, ote the intent of the special use Chapter as the indoor farm is in a green community. Indeed the information submitted as part of this application are true and further understand that this Application and attachments shall become
The consistency of the proposed amendment the proposed amendment to the proposed amendments to the ordinance promontained area and promotes the development of a pplicant hereby certifies that; (1) All statements apprect to the best of the applicants knowledge and part of the Official Records of the Village of North 1	nt with the intent and general regulations of this Ordinance, ote the intent of the special use Chapter as the indoor farm is in a green community.
The consistency of the proposed amendment the proposed amendment to the ordinance promontained area and promotes the development of a pplicant hereby certifies that: (1) All statements an orrect to the best of the applicants knowledge and fort of the Official Records of the Village of North I oplication; and (3) Applicant understands the submercessing delays or denial of application.	nt with the intent and general regulations of this Ordinance, ote the intent of the special use Chapter as the indoor farm is in a a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the third Application and attachments shall become Barrington; (2) Applicant has read and understands all information in this mittal of inaccurate or incomplete information or plans may result in
The consistency of the proposed amendment the proposed amendment to the proposed amendments to the ordinance promontained area and promotes the development of a pplicant hereby certifies that; (1) All statements apprect to the best of the applicants knowledge and part of the Official Records of the Village of North 1	nt with the intent and general regulations of this Ordinance, ote the intent of the special use Chapter as the indoor farm is in a green community. Indeed the information submitted as part of this application are true and further understand that this Application and attachments shall become
The consistency of the proposed amendment the proposed amendment to the ordinance promontained area and promotes the development of a pplicant hereby certifies that: (1) All statements at proposed to the best of the applicants knowledge and fort of the Official Records of the Village of North Hoplication; and (3) Applicant understands the submorecessing delays or denial of application.	nt with the intent and general regulations of this Ordinance, ote the intent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the ind
The consistency of the proposed amendment the proposed amendments to the ordinance promontained area and promotes the development of a pplicant hereby certifies that: (1) All statements are proposed to the best of the applicants knowledge and fort of the Official Records of the Village of North Hoplication; and (3) Applicant understands the submocessing delays or denial of application.	nt with the intent and general regulations of this Ordinance, ote the intent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the ind
The consistency of the proposed amendment the proposed amendment to the ordinance promontained area and promotes the development of a pplicant hereby certifies that: (1) All statements at proposed to the best of the applicants knowledge and fort of the Official Records of the Village of North Hoplication; and (3) Applicant understands the submorecessing delays or denial of application.	nt with the intent and general regulations of this Ordinance, one the intent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the indoor farm is in a green community. Independent of the special use Chapter as the ind

APPLICATION FOR A MAP AMENDMENT REZONING THE SUBJECT PROPERTY FROM R-1 SINGLE-FAMILY RESIDENTIAL TO R-1 SINGLE-FAMILY RESIDENTIAL WITH A SPECIAL USE

VILLAGE OF NORTH BARRINGTON ZONING MAP AMENDMENT (REZONING) APPLICATION WITH SPECIAL USE

to be completed by applicant	DATE: <u>07/06/2022</u>
Address of Subject Property: 25815 W. Scott Road	North Barrington, IL 60010
PIN: <u>13-25-100-028-0000</u>	
Existing Use: R-1 Single Family	
Proposed Use: The applicant requests to amend Title horticultural operations as a special use within R-1 zo (attach additional pages if needed)	e 10 - Section 7 of the Village code to include indoor farm oning district.
Existing Zoning District: R-1 Single Family	
Proposed Zoning District: R-1 Single Family with	th Special Use
Applicant Name: Aummunnouel Varda and Anoost	ı Varda
	L 60010
Phone Number: 312-208-3984	
	/A
	• • • • • • • • • • • • • • • • • • • •
Property Couper Address: 139 Old Barrington Roa	
·	d, Barrington, IL 60010
Phone Number: 312-208-3984	d, Barrington, IL 60010 Fax: N/A
Phone Number: 312-208-3984 Email: avarda67@gmail.com Applicant hereby certifies that: (1) All statements true and correct to the best of the applicants known that the process part of the Official Records	e and other information submitted as part of this application are wledge and further understand that this Application and of the Village of North Barrington; (2) Applicant has read and and (3) Applicant understands the submittal of inaccurate or
Phone Number: 312-208-3984 Email: avarda67@gmail.com Applicant hereby certifies that: (1) All statements true and correct to the best of the applicants kno attachments become part of the Official Records anderstands all information in this application; a	fax: N/A s and other information submitted as part of this application are wledge and further understand that this Application and of the Village of North Barriagton; (2) Applicant has read and and (3) Applicant understands the submittal of inaccurate or

PAGE 2

Zoning map amendment (rezoning) application with special use

SUBMITTAL REQUIREMENTS:

- 1. Proof of ownership of the zoning lot in question. If applicant is not the owner, a statement signed by the owner must be submitted certifying that the owner is jointly filing the application for an amendment to the zoning map.
- A plat of survey of the parcel or parcels of land comprising the zoning lot or map drawn to scale, showing the actual
 dimensions of said zoning lot, including all parcels or lots contained therein, and drawn in accordance with the
 recorded plat of such land.
- 3. A written statement identifying the existing zoning district for the zoning lot in question, the zoning district requested, and the reason or reasons for the requested amendment to the zoning map.
- 4. A site location map drawn to an appropriate scale indicating existing land use and zoning of all property within three hundred (300) feet of the subject property.
- 5. Any other information or documentation requested by the Village Administrator and/or Building and Zoning Officer.

Justification of proposed action:

In evaluating the proposed map amendment, the Planning and Zoning Board and Village Board will make findings based on information submitted at the public hearing. Please respond to each of the following criteria and describe how the proposed Map Amendment complies with each standard (attach additional pages, if necessary):

1) The compatibility with the existing use and zoning of nearby property.
The Applicants indoor farm horticultural operations will not interfere with the existing use and zoning of nearby
properties. 2) The extent to which property values of the subject property are diminished by the existing zoning restrictions.
The Applicants do not believe that the property values of the subject property are diminished by the existing zoning
restrictions. 3) The extent to which the proposed amendment promotes the public health, safety and welfare of the Village.
have desired are for indoor farm horticultural operations that would allow the Vardas to produce
sustainable plants year round without interfering in public health, safety, and welfare of the Village

Zoning map amendment (rezoning) application

PAGE 3

4) The relative gain to the public, as compared to the hardship imposed upon the applicant. The Applicants' business is vertical farming and vermiculture. Vertical farming is a progressive use in growing plants in a controlled building environment without the dependence of outside weather, threat of insects, or use of pesticides. 5) The suitability of the subject property for the purposes for which it is presently zoned. The subject property is currently zoned R-1 Single Family. The property contains 3 large buildings that are consistent with the needs for vertical farming and vermiculture. With the approval of special use, the applicants will thrive in their business of vertical farming and vermiculture. 6) The length of time that the subject property in question has been vacant, as presently zoned, considered in the context of development in the area where the property is located. The Applicant has owned the property since 2016 as presently zoned. 7) The consistency of the proposed amendment with the Comprehensive Plan and any adopted land use policies. The proposed amendment is consistent with the Village's Comprehensive Plan. Pursuant to the Comprehensive Plan dated January 2015, the property is located in the Village Agricultural/Residential area. 8) That the proposed amendment will benefit the needs of the community. The Applicants predict that vertical farming will become a necessary source of production of crops. This innovative way of producing crops will benefit the needs of the community.

Village of North Barrington, 111 Old North Barrington Road, North Barrington, IL 60010

www.northbarrington.org

BUSINESS AND OPERATIONAL PLAN

Contents

EXECUTIVE SUMMARY3
1, INTRODUCTION4
1.1. WHAT IS VERTICAL FARMING?5
2. OUR IDEOLOGY6
2.1. OUR MISSION7
2.2. OUR VISION8
2.3. CORE VALUES8
3. MARKET SITUATION
3.1. GLOBAL SOLUTION
3.2. GLOBAL MARKET OVERVIEW10
3.3. MARKET SEGMENTATION
3.4. Vertical Farming Market by Structure
3.5. Vertical Farming Market by Component
3.6. Vertical Farming Market USA14
4. OUR MARKET (CURRENT & ESTIMATED DEMAND)
4.1. WHAT DOES FUTURE HOLDS?1
5. OUR PRODUCTS/SERVICES1
E 1 ASCROCREENS

5.2. RETAIL DISTRIBUTION20	
5.3. BENEFITS20)
5.3.1. PROFITABILITY21	
5. COMMUNITY DEVELOPMENT21	i
6.1. VOCATIONAL TRAINING22	2
6.2. INTERNSHIP & JOB OPPORTUNITIES2	2
7. MARKETING2:	2
8. COMMERCIALIZATION23	3
8.1. A SUSTAINABLE SOLUTION?2	4
9. FINANCIAL OUTLOOK2	5
9.1. OPERATIONAL COST2	6
9.2. Startup Cost3	1
9.3. ESTIMATED REVENUE3	2

•

EXECUTIVE SUMMARY

For as long as I can remember, people have been hyping vertical farming — growing crops indoors, using vertical space to intensify production.

Its virtues, relative to conventional agriculture, have long been clear. Indoors, the climate can be controlled year-round. Pests can be minimized, and with them pesticides. Water and nutrients can be applied in precise quantities. By going up rather than out, a vertical farm can produce more food per acre of land. And by siting close to an urban area, it can reduce long distribution chains, getting fresher food to customers' tables, quicker.

Its drawbacks have become equally clear. They mainly come down to cost. Farming well requires deep know-how and expertise; it has proven extraordinarily difficult to expand vertical farms in a way that holds quality consistent while driving costs down. Optimizing production at a small scale is very different from doing so at a large scale. The landscape is littered with the corpses of vertical-farming startups that thought they could beat the odds (though several are still alive and kicking).

Our mission is to create an integrated, environmentally aware food production facility within our local communities to create jobs for the locals while enjoying a monopoly on supplying fresh, ultra-premium Micro-Greens. As Warren Buffet once said:

"Buy high quality businesses with a strong competitive advantage below their fair value and hold them until they lose their competitive advantage (which is hopefully never)."

Mr. Anoosh Varda

Chief Strategic Officer

North Barrington Vertical Farm (NBVF)

1. INTRODUCTION

In recent years, the phenomenon of urbanization, i.e., the continuous increase of population in cities and towns, has rapidly increased. Many metropolitan cities require fresh food hotspots to feed their populace. One of the most revealing examples of urbanization is the case of Lagos in Nigeria, which had about 300,000 inhabitants in 1950, but today, the city has reached 17.5 million inhabitants. Land in urban regions must be made more efficient and better organized to maximize space usage. The population increase in megacities (cities with more than 10 million people) is an inevitable fact that academia and businesses need to investigate to improve the quality of life overall.

The growing need for more food has escalated over the last few years, and as a result, it is of vital importance to adopt more sustainable and efficient food production solutions. In the Food and Agriculture Organization (FAO) report (2015), it is stated that the number of agribusinesses must increase up to 70% by 2050 to meet the food demand in megacities. In this context, it is also very important to mention that more sustainable ways of distributing food globally are needed to prevent the massive food waste. In fact, if food waste were a country, it would be the third-largest greenhouse gas emitter in the world with its four billion tons of food waste annually.

Research conducted by Tropp (2013) shows that demand for fresh, locally grown food was almost \$12 billion in 2014, and was to reach \$20 billion by 2019. Commercial GHs (Green Houses) are the major sources of fresh, locally grown food for cities. For this reason, the annual growth rate of these businesses

\$29.64 billion by 2020. GH production is the oldest form of controlled farming, where plants can be cultivated in an isolated environment, which is partly independent of the outdoor weather conditions. GH production is an intensive cultivation method that uses air management techniques as well as cooling and heating processes to produce high crop yields. In recent years, GH growers have started to install artificial lighting and hydroponic cultivation methods that can further increase the yield of crops and reduce their water footprint.

Indoor Urban Vertical Farming (IUVF) is another way of allowing a fresh, locally grown food production, i.e., the possibility of a year-round crop production. The development of GHs has led to today's highly sophisticated, controlled agricultural systems. IUVF is the new promising technology that allows us to optimize agricultural production and convert it from traditional farming to an integrated urban network using the most innovative and sustainable technological achievements of our time. In IUVF, plants grow indoors by using hydroponic methods (aeroponic or fogponics in a few cases) and artificial lighting that simulates solar radiation. A plant factory with artificial lighting (PFAL)—an intensive type of vertical farming—refers to a massive plant production establishment equipped with thermal insulation. Its structure is completely isolated from the outdoor environment.

1.1. WHAT IS VERTICAL FARMING?

Unlike traditional agriculture, PFALs resemble a "production line" in a warehouse, where cultivation shelves are stacked several meters high to maximize the utilization of the vertical space. PFALs include seeding, transplanting, moving cultivation panels, harvesting, pollinating, weight control, packaging, metal

inspection, and panel cleaning. Companies that have implemented this type of technology use different methods, numbers, and applications of the above techniques according to their business plan and strategy. PFALs present many advantages that make them very competitive compared to conventional farming, especially for consumers located in the urban network. The use of pioneering systems in PFALs eliminates the use of fertilizers and pesticides in the green production although PFALs consume almost 2% water in comparison with open-field water footprint, as 95% of the water from plant evapotranspiration in this system is compressed in the air conditioning evaporator in the form of liquid water.

After this process, water is collected, sterilized, and then returned to the water tank to be reused. The water is enriched with a nutrient solution, and, as a result, the nutrient fluids in the cultivation area can be reused and recycled. Another benefit to be highlighted is that PFALs reduce CO2 emissions, as they are in urban or suburban areas, virtually eliminating food transportation and thus the carbon footprints of food. The nutritional value of fresh fruits and vegetables diminishes during the shipping process, even at very low refrigerating temperatures. B vitamins are very sensitive to freezing with a loss in the transportation process ranging from 20% to 60%.

2. OUR IDEOLOGY

Food production must remain sufficiently intensive to meet consumer and food demands. Cultivation methods must be made more efficient and sustainable but without further compromising land use and biodiversity. Farming techniques must be optimized, including waste processes. Globally, 40–50% of fruits and

vegetables are wasted or lost during the food supply chain. In Europe, 39% of food resources such as energy, land, and water are wasted in the manufacturing process (by-products, overproduction, and weather conditions) and almost 42% in the households (over-purchasing and disorganization). In Denmark, households waste around 260,000 tons, while the agriculture/food industry wastes 133,000 tons of the total 700,000 tons of food waste each year. We at NBVF do not want to make the same mistakes, we want our fellow beings to be responsible, and adopt sustainable food choices which will ultimately save millions if not billions in coming years.

Hence, our team at NBVF invested in the development of farming techniques that will perform under a finite and limited resource base. The use efficiency of our resources to reduce food waste, meet optimal demand with limited cost and sustainable profits has been optimized.

Next step for us is to expand our venture to our local community and not only meet their food requirement, but also aid in socio-economic growth by providing job opportunities and healthy food options readily available at minimal cost. With the support we would be able to expand NBVF to state and eventually to national scale.

2.1. OUR MISSION

Our mission is to, "create fresh local produce, and create jobs for the community while providing them with healthy fresh Microgreens, Leafy Greens and Mushrooms."

2.2. OUR VISION

Our Vision is to supply the entire state with Microgreens, Leafy Greens and mushrooms, and eventually expand to a national scale.

2.3. CORE VALUES

- To supply wholesalers with microgreens, leafy greens and mushrooms which will eventually end up in every household in our community and state.
- We are striving to attain sustainability, by adopting eco-friendly modes of production, and ensuring the demand for food is met at optimized cost.
- To ensure socio-economic development of our local communities by creating job opportunities and making a healthy diet affordable.
- Enforcing highest standards of operation and distribution to ensure high-quality products and employee satisfaction.
- Aligning our policies and procedures with the vision of our stakeholders, both internal (our team) and external (our community, distributors & suppliers).

3. MARKET SITUATION

According to the Food and Agriculture Organization (FAO), 1 in 7 people suffer from chronic hunger, caused by lack of enough food or nutrient deficient food which ultimately leads to an inactive and unhealthy lifestyle. Even though enough food exists in the world, there is still a capacity to grow more to meet the increasing demands. However, this increase in demand is met by utilizing additional natural resources such as land and water, damage to which is irreversible. According to FAO, by 2050 the economic and population growth will result in doubling the demand for food on the international scale.

3.1 GLOBAL SOLUTION

Vertical farming can be defined as a practice of producing food on vertically inclined surfaces instead of farming vegetables and food on a single level, such as in a field or a greenhouse. Through this method, foods are produced in vertically stacked layers commonly integrated into other structures such as a skyscraper, shipping container, or used warehouse. The modern ideas of vertical farming are focused on controlling all environmental factors by utilizing indoor farming techniques and controlled-environment agriculture (CEA) technology. The artificial control of light, temperature, humidity, and gasses makes producing foods & vegetables indoor possible. The primary goal of vertical farming is to increase the production of crops in a controlled space.

Vertical farms are classified as a form of controlled environment agriculture and further categorized into three types. The first type of farming refers to the

construction of tall structures with several levels of growing beds, that are lined with artificial lights. The second type of vertical farming takes place on the rooftops of buildings (such as commercial and residential structures), while the third type of vertical farming takes place in a multistory building. It provides a favorable environmental condition for the growth of fruits and vegetables and non-edible plants. Vertical farming strives to ensure sustainability by addressing food security issues to the growing urban population. Vertical farming can also feed more people than traditional farming, as they can grow 75 times more food per square foot. Vertical Farms does not use pesticides & fungicides, and by controlling plant fertilizing, the food produced is highly nutritious compared to traditional farming. Furthermore, indoor farms use 90 percent less water than outdoor farms, so having a wet or dry season does not matter.

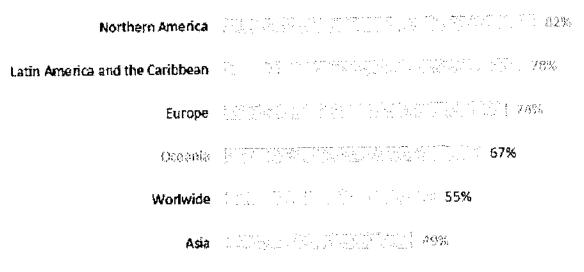
Vertical farming technologies are still relatively new. Companies are focused on producing crops at scale, making it economically feasible to meet the growing food demand. In some environments such as the Middle East region, for instance, use solar energy to power LEDs at low cost without covering other farmland. At present, virtually all vegetables are imported into the country, so growing crops through this method is a big win.

3.2. GLOBAL MARKET OVERVIEW

With the increasing advancements in technology, factors such as automation and the implementation of artificial intelligence in various industry vectors are leading to an increased rate of urbanization. The concept of vertical farming has been developed based on its potential to provide large populations concentrated in urban areas with locally grown food – and to meet the

demands of an ever-growing worldwide population. Due to the challenges and costs of transporting fresh crops to larger cities, urban farmers have realized the potential in utilizing existing square meters in tall city buildings and producing crops locally.

Degree of urbanization, By Continent, 2018



0% 10% 20% 30% 40% 50% 60% 70% 80% 90%

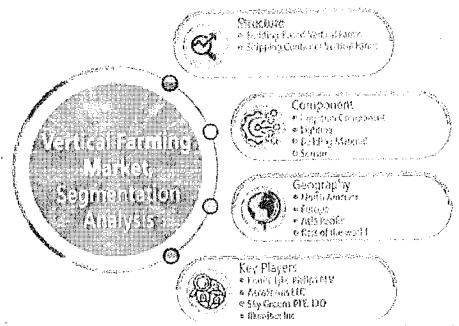
The degree of urbanization for every region is above 50% as of 2018, indicating the extent of urbanization that is occurring in regions worldwide. With this increasing urbanization in both developed as well as developing regions, the horizontal land area that can be used for applications such as farming are drastically reducing. The approach that can, therefore, be used to battle this limitation is vertical farming. Thus, it can be suggested that increasing urbanization is aiding the further progression and development of vertical farming.

Moreover, other factors such as growing demand for high-quality food without any pesticides or herbicides, an independent farming technique with very less impact of climatic conditions and the possibility of growing vegetables and fruits

in a limited space have been driving the market for the global vertical farming market. On the other hand, high initial investments, lacking technical knowledge and a limited variety of crops grown might hamper the overall market.

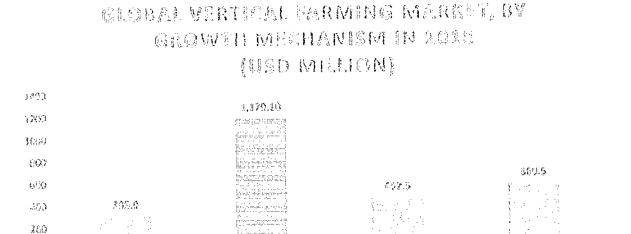
3.3. MARKET SEGMENTATION

The Global Vertical Farming Market is segmented based on Structure, Component, Growth Mechanism, and Geography.



The Vertical Farming market is segmented based on growth mechanism, structure, offering, crop type, and geography. On the basis of growth mechanism, it is bifurcated into Aeroponics, Hydroponics, Aquaponics, and Others. The Hydroponics segment is expected to dominate the market in 2017. In hydroponics, plants are grown in water or in an inorganic fabricated substrate. The conditions that affect the growth of the plant can be controlled through hydroponics in a sterile environment. The efficiency of the hydroponics system is

prevalent. This is the most popular segment due to lower installation cost and ease of operation and this eventually contributes to its dominance.



Mydropenics

Aguaporiss

General

3.4. Vertical Farming Market by Structure

- Building-Based Vertical Farms

Agrabanias.

- Shipping Container Vertical Farms

Based on Structure, the market is bifurcated into Building-Based Vertical Farms, Shipping Container Vertical Farms. Shipping Container Vertical Farms are predicted to hold the most significant CAGR in the forecast period due to the benefits it provides which allows the crops to grow without the limitation of geographic location. Advantages like easy portability and less space required for cultivating the crops.

3.5. Vertical Farming Market by Component

- Irrigation Component
- Lighting
- Building Material

- Sensor
- Climate Control

Based on Components, the market is divided into Irrigation Component, Lighting, Building Material, Sensor, Climate Control, and Others. The lighting segment is anticipated to dominate the Vertical Farming Market with a significant market share as vertical farming is highly dependent on artificial lights that act as a substitute for the sunlight. Outdoor lighting conditions are achieved with the help of artificial light by varying the intensity output of the lamps

3.6. Vertical Farming Market USA

The US vertical farming market is projected to reach values of around \$3 billion by 2024, growing at a CAGR of more than 24% during 2018-2024. The US vertical farming market by growth systems is categorized into hydroponics, aeroponics, and aquaponics. Hydroponics segment dominated around half of the total market share in 2018, growing at a CAGR of more than 22% during the forecast period. The use of hydroponics enables long-term cultivation of a wide range of crops in the market. The recent developments in the field of hydroponics to cater to the casual indoor grower, simplifying technology and economics is boosting the growth of this segment in the US market.

The US vertical farming market is highly fragmented, with more than 2,000 farms across the United States in 2019. Small indoor vertical farms are high in number, as compared to large-scale farms in the country. Around 61% of the indoor vertical farms in the country, currently, are of small scale, whereas large-scale farms account for a share of 39%.

The fruit and vegetable segment in the US vertical farming market held a share of 47% of the overall market in 2018. Tomato is one of the primary crops that is grown through vertical farming systems in the country. Hydroponic techniques have proven to be commercially successful for propagation, seed germination, and the production of tomato. Producers in the country have recognized this as an opportunity; thereby, increasing the production of fruits and vegetables through vertical farming.

The outdoor segment is the fastest growing sector in the US market, at CAGR of approximately 26% during the forecast period. The increasing adoption of the local food movement and growing demand for fresh produce is fueling the growth of the outdoor segment in the US market. Restaurants, housing complexes, schools, and supermarkets are using outdoor vertical agriculture practices to offer nutrient-rich and fresh produce in the US market.

4. OUR MARKET (CURRENT & ESTIMATED DEMAND)

The global vertical farming market size was valued at \$2.23 billion in 2018, and is projected to reach \$12.77 billion by 2026, growing at a CAGR of 24.6% from 2019 to 2026. Vertical farming is a revolutionary approach used to produce food and medicinal plants in vertically stacked layers such as in a skyscraper, used warehouse, or shipping container. It facilitates a huge quantity of nutritious and quality fresh food without relying on favorable weather, high water usage, skilled labor, and high soil fertility. Moreover, it ensures reliable yield and consistency in crop production round the year along with climate control, and no effects of

external environment factors such as diseases, pests, or predator attacks.

The demand for the vertical farming industry is expected to increase rapidly during the forecast period, owing to the rise in popularity of organic food. Furthermore, the vertically stacked structure of these farms reduces the demand for additional construction activity and land. Moreover, it reduces the intervention of machines required during conventional farming. Thus, optimum use of vertical space and balanced energy utilization contribute toward the vertical farming market growth. In addition, these facilities involve multiple technologies for growth of plants artificially. The technologies used in this farming enables to keep track of plants growth and harvesting, which further drives the market growth. However, high initial investment is required for setting the indoor vertical structure and setting up the lighting and irrigation systems. Also, the technologies involved in vertical farming are nascent, which is expected to have a negative impact on market growth. Nonetheless, rise in urban population and surge in adoption of technology driven agriculture are expected to provide lucrative growth opportunities to the vertical farming market players.

4.1. WHAT DOES FUTURE HOLDS?

Obviously, the decision whether to make the vertical farming switch depends on many different factors - including location, product type, human resources, potential profit levels and access to investment capital. Whilst new hydroponic growing techniques will never completely replace all traditional methods, the fact they are now being used to complement them is a massive step forward for the agricultural industry.

Of course, to make vertical farming an economically viable way to grow crops, it is important to keep a tight control on water and energy costs - whilst minimizing carbon production. With the right climate control system and energy center in place, it is possible to capture excess light and power so it can be reused, reducing hydroponic growing costs, and making it much more financially viable.

All the indoor growing experts here at NBVF passionately believe that vertical farming's ability to increase production and minimize land use is of massive value to society. As the global demand for food continues to rise, we have no doubt that controlled environment agriculture will present a unique opportunity because of its ability to grow higher-quality food which is sustainable and profitable.

5. OUR PRODUCTS/SERVICES

Becoming a vertical farmer is no easy task. For every vertical farming business that becomes successful, there are a dozen more vertical farms that fail. This ratio is not entirely surprising when you consider the many different variables, from lighting to location, that vertical farms must get just right. However, this failure rate is an increasing source of concern for the industry. After all, if vertical farming is going to help revolutionize our agricultural system and feed our rapidly growing global population — the industry's purported goal — then we are going to need more successful farms.

To help boost the likelihood of success for vertical farms, experience, competent staff, equipment, and ideal location needs to be chosen. By doing so NBVF will offer the following products & services to the local community.

5.1. MICROGREENS/LEAFY GREENS/MUSHROOMS/WORM CASTINGS

Since their introduction to the Californian restaurant scene in the 1980s, microgreens have steadily gained popularity. These aromatic greens, also known as micro herbs or vegetable confetti, are rich in flavor and add a welcome splash of color to a variety of dishes. Despite their small size, they pack a nutritional punch, often containing higher nutrient levels than more mature vegetable greens. This makes them a good addition to any diet.

Microgreens are young vegetable greens that are approximately 1–3 inches (2.5–7.5 cm) tall. They have an aromatic flavor and concentrated nutrient content and come in a variety of colors and textures. Microgreens are considered baby plants, falling somewhere between a sprout and baby green. That said, they should not be confused with sprouts, which do not have leaves. Sprouts also have a much shorter growing cycle of 2–7 days, whereas microgreens are usually harvested 7–21 days after germination once the plant's first true leaves have emerged.

Microgreens are more like baby greens in that only their stems and leaves are considered edible. However, unlike baby greens, they are much smaller in size.

This means that the plants can be bought whole and cut at home, keeping them alive until they are consumed. Microgreens are very convenient to grow, as they can be grown in a variety of locations, including outdoors, in greenhouses and even on your windowsill.

We are currently producing 4 different kinds of microgreens that are selling in stores, they are:

- Sweet Peas Microgreens,
- Radish Microgreens,
- Sunflower Microgreens.
- Probiotic Mix

Leafy Greens, Also known as baby greens, are the young leaves of lettuce or other vegetables that are quickly replacing lettuce as the base ingredient in salads and sandwiches. Leafy Greens are a fast growing crop, they can be grown in very tight spaces, and have quickly become a staple in the kitchen. They are more nutrient dense than iceberg and romaine lettuces, have different flavors, and some are even more colorful.

Mushrooms have long been a staple in many households, especially the well known button mushroom which is a commercial God send. Recently their health benefits have been further studied and many different mushroom strains are quickly finding their way not only in the kitchen but also in the medicine cabinet. From mushroom supplements to mushroom coffee substitutes, mushrooms are finding their ways into different areas of our lives. Although we intend to sell mushrooms we will be using mushroom cultivation as our main method of CO2 production. Since leafy greens will be breathing all the CO2 from our grow rooms we need a steady and organic way to reintroduce CO2, and that's where mushrooms come into the picture.

Worm Castings are the end-products of worm digestion and are full of organic matter

and desirable microorganisms (aka microbes) that yield benefits far beyond what normal fertilizer ratios show. When added into potting mixes, or fertilizers, the microbes in the castings improve the structure of the soil. Castings have more humus than traditional compost or garden soil, they allow for more water retention in soil, improve soil aeration, and anchor plant nutrients that would otherwise be washed away with water. The microbes that are in the castings feed off the organic matter in the soil, they store then slowly release plant nutrition for optimal growth. Worm castings are suitable for indoor and outdoor gardens and for all vegetables, fruit trees, potted plants, flowers, and lawns.

5.2. RETAIL DISTRIBUTION

Currently we distribute microgreens through retailers to keep our products fresh. Once the local & regional wholesalers are able to present an infrastructure which will guarantee to keep our products fresh till it reaches the end user, we will strictly deliver our products to them to further lower the cost and increase job opportunities. Eventually, when we expand to other states and national markets, We will reinstate our own distribution channels which will further provide additional job opportunities for the local and regional communities, while promoting a healthy and sustainable lifestyle.

5.3. BENEFITS

By the year 2050, it is estimated that global food production will need to increase by around 70 per cent in developed countries to keep up with current consumption trends.

Increased climate variability with rising land prices - and a rural workforce which is becoming older and smaller in numbers - and it is easy to see why new methods of food production are attracting significant funds for research,

development and investment. Growers who see high-value crops put at risk because of adverse and unpredictable weather variations (rainfall, light, wind etc.) are also beginning to appreciate that the switch to vertical farming can remove the uncertainty posed by nature.

5.3.1. PROFITABILITY

Having recognized that global food production must increase to improve domestic food security; vertical farming is attracting widespread interest from individual investors and Private Equity firms who are now willing to take a long term view. According to predictions made by some of the industry's leading economists, the profit margins achievable from fresh produce could pay for the initial investment in seven years. Historically, this type of investment would not have held much appeal because returns are often delivered outside the traditional 5-year holding period. However, some larger funds have recognized the potential returns on offer and have lengthened this period to 10-15 years due to the long-term yields available.

At NBVF, we believe this sustainable profitability is one of the main reasons why indoor farming interest has surged in recent years. As a result, growers are now producing thousands of vertically farmed products which are cleaner, better quality, profitable - and competitively priced for consumers.

6. COMMUNITY DEVELOPMENT

If a hobby can be commercialized and benefit not only you or your family, but

ensure food security, and employment/training opportunity for your entire community, then it should be commercialized keeping the following in mind. However, before discussing commercializing our farm, let us elaborate how we will aid in the socio-economic growth and development of our community.

6.1. VOCATIONAL TRAINING

In the coming years, we are planning to expand our facility and provide vocational training in urban/vertical farming. This will allow individuals to learn a unique skill set, demand for which is growing to increase rapidly in the coming years. Hence, the thorough market research has been provided for your review. This skill set will allow community members and us to develop a mutual partnership which results in socio-economic growth and development of our local community.

6.2. INTERNSHIP & JOB OPPORTUNITIES

Successful candidates from our training programs will be provided with internship and job opportunities in our expanded farm. In addition, with development of our own distribution channels and expansion, we would require significant human resources, not only to run our operations, but to market, manage and expand it to other regions. Possibilities are endless and priority will be given to the locals as they are aware of the local regions and their insight would streamline our operations to maximum efficiency.

7. MARKETING

Once we can identify desired audiences, and match products and services in

accordance with their needs, we will deploy adequate promotional strategies which will create awareness about our offerings in both local and international markets. To effectively market our campaigns, we will need to launch conferences and conventions which will invite environmental enthusiasts and developers. Our participants will be briefed on the initiative and will provide a platform for sharing knowledge to develop a more sustainable planet. Such conferences have been organized in the past and have inspired millions of individuals and hundreds of similar smart and green initiatives, which are striving towards achieving a carbon neutral world. The extent of such conferences is unquantifiable as they are not only allowing us to effectively market our offerings, but at the same time inspire others to do the same. These strategies will include:

- WEBSITE DEVELOPMENT
- SOCIAL MEDIA PRESENCE
- SEO & GOOGLE ADWORDS
- E-MAIL MARKETING (TARGET AUDIENCE)
- PPC MARKETING
- TELE-MARKETING
- TELEVISION MARKETING
- AFFILIATE MARKETING
- CONFERENCES

8. COMMERCIALIZATION

People often argue whether urban farming is a hobby, or a way of life, history on the contrary suggests that urban farming was developed in the middle ages due to necessity. It was the strike of hunger and famine during wars and sieges (which lasted several years), which forced soldiers to grow their own food and meet their energy requirements. The earliest record can be found of the 1890s when the Detroit, Michigan government initiated a program "Potato Patch" encouraging its citizens to plant across urban lands, afterwards similar patterns were observed during the industrial revolution in the United Kingdom. Later during the second world war the US government made Victoria Garden, encouraging students, and parents to grow fresh fruits and vegetables within city spaces to meet their nutritional needs.

8.1. A SUSTAINABLE SOLUTION?

Within the framework of urban farming, there is a relatively new field which is winning the hearts of communities across the globe i.e. vertical farming. The system is a hybrid of traditional methods of farming, hydroponics and are irrigated in a vertical structure Thus, providing us with a sustainable agriculture system, which requires less space for irrigation and provides higher quality yields. Currently vertical farming is being treated as a hobby, however, with adequate infrastructure this method of farming can be commercialized to benefit a wider audience. Limited availability of resources is currently hindering the growth and deployment of this system across the globe. Furthermore, the lack of support and promotion of such modes of urban farming is still missing from our society. The socio-economic benefits are beyond comprehension, yet people are still indulged in retrieving short term benefits and are unwilling to invest in the long run and sustainable solution. Vertical farming will ultimately provide us with a sustainable mode of farming which will not only provide farmers with a source of revenue, but at the same time minimize the risks associated with traditional mode of farming. So, in the big picture the government would only have to invest in the infrastructure and would save millions if not billions funding their medical sectors. Hence, an adequate infrastructure, backed by governments across the globe and an impeccable marketing plan is all that is needed for commercialization of vertical farming.

In addition, commercialization of this system will enable each single individual to dedicate a couple of hours daily to operate their farms, thus ensuring sustainability to everyone. A communal infrastructure can then be formulated dedicating farming of different vegetables and fruits, which can ultimately be bartered within the community. This communal infrastructure will further aid in reducing the transportation cost, and ultimately allow communities to work together to eradicate carbon/fuel emersion. Hence, the ultimate achievement of vertical farming will not only be the creation of a sustainable community, but at the same time it will be one step further in the direction of developing a greener earth with zero carbon emission.

9. FINANCIAL OUTLOOK

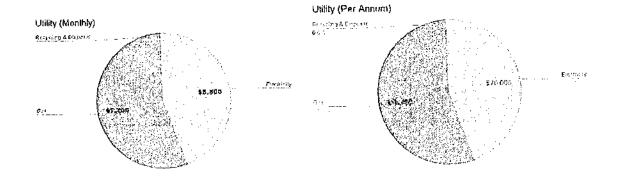
Indoor food production has long-been cited as the ideal way to help feed an ever-growing population. Currently, vertical farming is increasingly being the way forward to produce higher volumes of better-quality crops all year round, bring food production closer to customers, and into urban areas. For leafy produce growers, a move to vertical farming can massively reduce the reliance on conventional farming methods - which are affected by the weather - and ensure consistent, quality crops to keep customers happy. There's no hiding away from the fact that the upfront capital required to design and establish a vertical farm is substantial. However, the potential long-term future growth and profits offered by being at the forefront of this developing market is making it an attractive proposition for those with funds to invest. To date, high-profile

investors like Jeff Bezos (Amazon) and Eric Schmidt (Google) have invested heavily in this fast developing technology - and have been joined by various global Private Equity firms.

Whilst vertical farming start-up costs are high, the long-term benefits are increasingly being recognized and appreciated by everyone involved in the food supply chain - including retailers. Thankfully, technological advances and new innovations are continually helping to reduce capital costs and ongoing overheads. In the long term, this will make indoor vertical farming an attractive investment for any existing grower who wants to adopt a successful strategy for increasing the volume of their high-quality product. At present, vertical farming costs are probably between three to five times more expensive when compared to conventional outdoor farming.

9.1. OPERATIONAL COST

Vertical farming enables production throughout the year, and is not reliant upon climate conditions, rather on state-of-the-art equipment, gas, and electricity. In addition, we are producing 4 different types of microgreens (radish, sweet peas, sunflowers, Probiotic mix), as well as 4 different types of Leafy Greens (Lettuce, Kale, Spinach, Mustard/Beet). We will invest in acquisition of raw materials including seeds, burlap/rockwool (growing medium). Following chart will further illustrate our monthly and yearly costs for utilities:



Electricity Utility Charge:

Our farm will require electricity to maintain the temperature and light for the growth of our microgreens/baby greens and to accommodate 450 trays/week we will utilize 550 kWh/month. The base price 7.07 per kWh plus Service Charges which add up to 39% of the usage, and Taxes and Fees that add up to 7%. This brings our total cost to \$5,800 per month and \$70,000 per year.

Gas Utility Charges:

Similarly, our farm will also utilize gas to maintain the ideal condition for growth of our microgreens/baby greens and our consumption will increase significantly during the coldest months of the year. The estimated cost of which will be approximately \$7,200 per month and about \$86,400 per year.

Recycling & Disposal:

We would also need a 2-yard disposal unit that will cost \$75 per month and \$900 per

year.

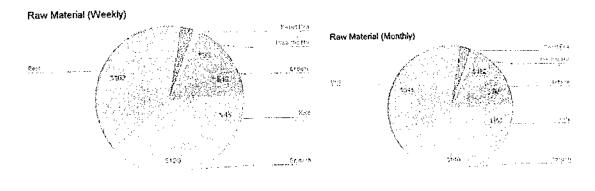
Raw material

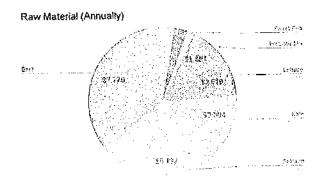
For raw materials, we will require Burlap and Rockwool, which is utilized as a growing medium for our greens. Our farms will accommodate 450 growing trays per week, and operations will run 6-days/week, which will account for 24,000 trays/year. The total cost for burlap and rockwool will be \$2737/week & \$131376/annum.

In addition, we will also require raw material in the form of seeds for our greens. With our estimate of manufacturing 460 trays per week, while dedicating 40 trays to each type of microgreen, and 75 trays of each baby green, and operating 6-days in a week our cost for raw material is as follows:

- Radish currently costs \$120/50 pounds of seed, and to dedicate 40 trays/week to radish, we will spend \$12/week, \$48/month & \$576/annually on its seeds.
- Sweet Peas currently costs \$67/50 pounds of seed, and to dedicate 40 trays/week to Sweet Peas, we will spend \$13/week, \$52/month & \$624/annually on its seeds.
- Sunflower currently costs \$55/50 pounds of seed, and to dedicate 40 trays/week to Sunflower, we will spend \$7/week, \$28/month & \$336/annually on its seeds.
- Probiotic mix is a blend of 4 different seeds and costs \$75/4 pounds of seed and to dedicate 40 trays/week to Probiotic mix, we will spend \$33/week, \$132/month & \$1584/annually on its seeds.
- Lettuce currently costs \$165/1 pound of seed, and to dedicate 75 trays/week to Lettuce, we will spend \$42/week, \$168/month & \$2016/annually on its seeds.

- Kale currently costs \$40/pound of seed, and to dedicate 75 trays/week to Kale, we will spend \$48/week, \$192/month & \$2304/annually on its seeds.
- Spinach currently costs \$43/pound of seed, and to dedicate 75 trays/week to Spinach, we will spend \$129/week, \$516/month & \$6192/annually on its seeds
- Beet currently costs ~\$29/pound of seed, and to dedicate 75 trays/week to Beet, we will spend ~\$162/week, ~\$648/month, ~\$7776/annually on its seeds.





Operational Cost		Weekly	Monthly	Annually
1	Utilities			
	Electricity	\$ 1,450.00	\$ 5,800.00	\$ 70,000.00
	Gas	\$ 1,800.00	\$ 7,200.00	\$ 86,400.00
	Recycling & Disposal	\$ 18.75	\$ 75.00	\$ 900.00
2	Raw Material			
	Burlap	\$ 37.00	\$148.00	\$ 1,776.00
	Rockwool	\$2,700.00	\$10,800.00	\$129,600.00
	\$eeds			
	Radish	\$12.00	\$ 48.00	\$ 576.00
	Sweet Peas	\$ 13.00	\$ 52.00	\$ 624.00
	Sunflower	\$ 7.00	\$ 28.00	\$ 336.00
	Probiotic Mix	\$33.00	\$132.00	\$1584.00
	Lettuce	\$42.00	\$168.00	\$2016.00
	Kale	\$48.00	\$192.00	\$2304.00
	Spinach	\$129.00	\$516.00	\$6192.00
	Beet	\$162.00	\$648.00	\$7776.00
3	Labor	\$ 7,920.00	\$31,680.00	\$ 380,160.00
	Total	\$14,371.75	\$57,487.00	\$690,244.00

ï

9.2. Startup Cost

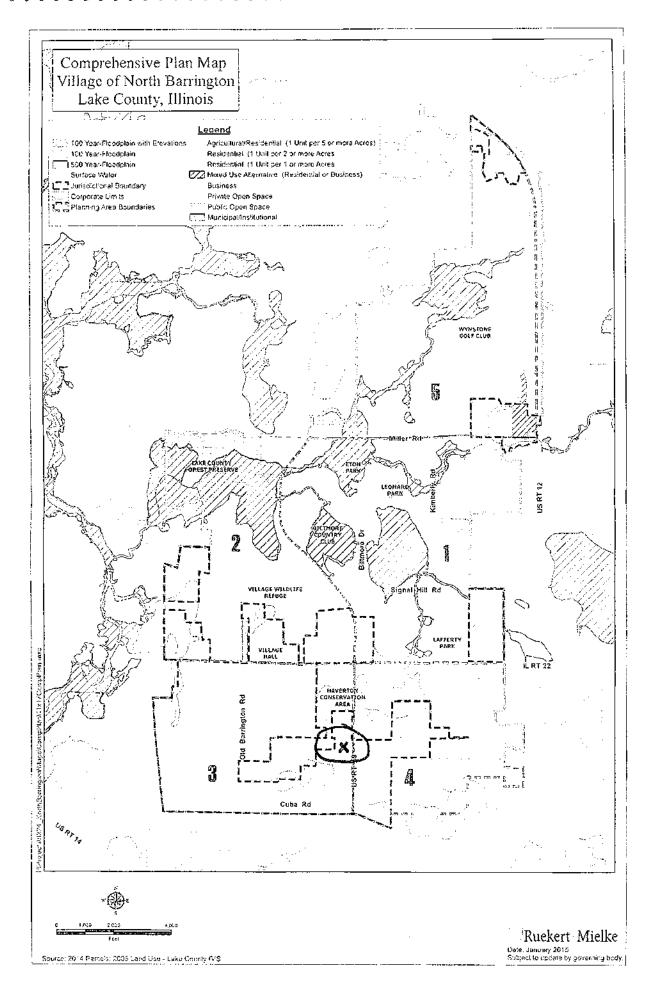
Our team at NBVF was able to optimize the operational cost and we will effectively operate the farm with 11 Employees working along with automated machinery. However, purchase and installation of these automated machinery is expensive and brings up our startup cost to the following:

St	art Up Cost	
1	Equipment	
	Seeder	\$ 17,500.00
	Harvester	\$ 31,000.00
2	Building	
	HVAC	\$ 234,500.00
	Drywall	\$ 33,000.00
	Insulation	\$ 89,810.00
	Com Ed	\$ 45,000.00
	Nicor Gas	\$ 20,000,00
	Total	\$ 470,810.00

9.3. ESTIMATED REVENUE

We have installed 1000 beds in NBVF farms, which can produce 2600 pounds of greens each week. The graph below demonstrates how much revenue we can generate. The first graph will illustrate potential revenue we will generate on a weekly basis, followed by our gross & net income (annually)

Package size in oz.	5oz	16oz	Total Income
# of packages produced/week	6,267	653	-
Price Per Package	\$2.50	\$7.50	ū
Weekly income	\$15,667.5	\$4897.5	\$20,565
Monthly Income	\$62,670.00	\$19,590.00	\$82,260.00
Annual Income	\$752,040.00	\$235,080.00	\$987,120.00



PETER SNELTEN & SONS INC LETTER OF OPINION ON FARM OPERATIONS IMPACT ON SURROUNDING WELLS

PETER SNELTEN & SONS Inc.

Water Well Contractors

- ESTABLISHED 1628 -

25000 S. Old Rand Road

Office: 847-526-3500 or 347-255-4551

Wauconda, Illinois 60084

Fax: 847-381-0048

www.waterwellcontractor.com

The same seasons

To Whom It May Concern:

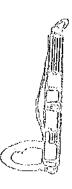
We were contacted about information on the existing well at 25815 W. Scott Road in North Barrington and whether or not a proposed hydroponic farm would affect the surrounding homes. The above mentioned well is a 4-% inch diameter well with a 10 GPM motor installed at 200 feet. The well itself is 251 feet doep. It was stated that the farm would need 200-300 gallons of water each day. Larger homes in this area, between normal usage, softener regeneration and irrigation systems use twice that amount each day. It is our opinion that the water required for the farm would not have a detrimental effect on the surrounding homes.

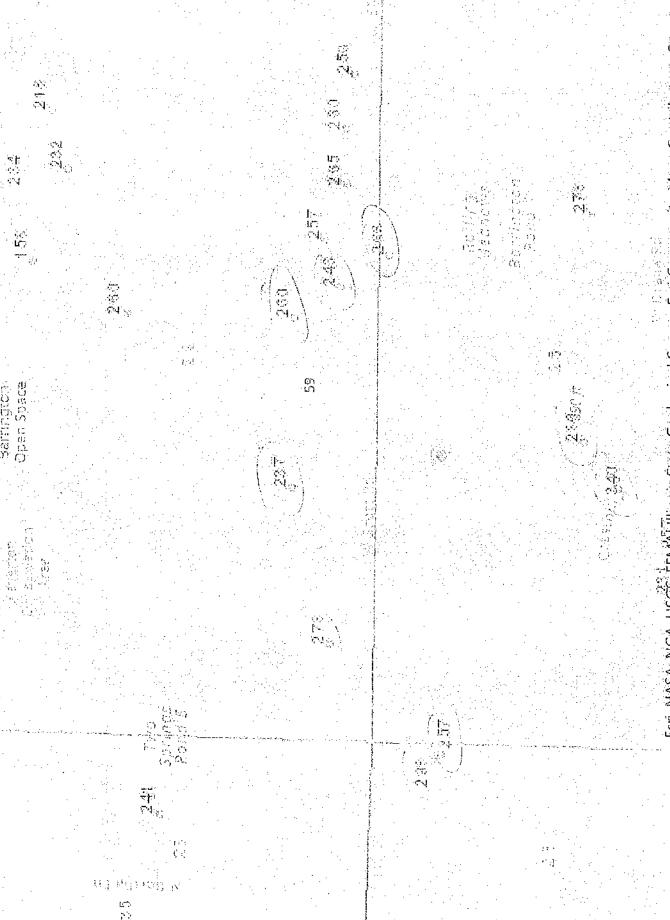
If you have any questions, please contact the office.

Respectfully submitted:

PETER SNELTEN & SONS, INC.

Ryan-Snelten - Secretary/Treasurer





Esri, NASA, NGA, USGS, EEMA, Illinois State Geological Survey, Esri Community Maps Contributors, County of Lake, IL, © OpenStreetMap, Microsoft, Esri Canada, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc., METI, NASA, USGS, EPA, NPS, US Census Bureau, USDA

Page 1 ILLINOIS STATE GEOLOGICAL SURVEY

blue clay 15 14 gravel 140 160 20 blue clay 206 25 gravel 250 25	Semi-Private Water Well	Top	Bottom
gravel sand & gravel blue clay gravel 206 25 Total Depth Casing: 5" PVC ASTM D-2241 from 0' to 254' 5" STAINLESS STL SCREEN from 254' to 257' Screen: 3' of 5" diameter 25 slot Grout: BENTONITE from 0 to 253. Water from gravel at 254' to 257'. Static level 130' below casing top which is 1' above GL Pumping level 160' when pumping at 30 gpm for 1 hour Permanent pump installed at 220' on May 30, 2008, with a capacity of 30 gpm Remarks: Driller's Estimated Well Yield 50+ gpm Owner Address: 4052 E. Main St St. Charlos, IL Address of Well: 21800 N. Old Barrington Rd Barrington, IL	brown clay	0	15
sand & gravel blue clay gravel 206 25 250 25 Total Depth Casing: S" PVC ASTM D-2241 from 0' to 254' 5" STAINLESS STI, SCREEN from 254' to 257' Screen: 3' of S" diameter 25 slot Grout: BENTONITE from 0 to 253. Water from gravel at 254' to 257'. Static level 130' below casing top which is 1' above GL Pumping level 160' when pumping at 30 gpm for 1 hour Permanent pump installed at 220' on May 30, 2008, with a capacity of 30 gpm Remarks: Driller's Estimated Well Yield 50+ gpm Owner Address: 4052 E. Main St St. Charlos, IL Address of well: 21800 N. Old Barrington Rd Barrington, IL	blue clay	15	140
blue clay gravel 206 250 250 250 250 250 250 250	gravel	140	160
gravel Total Dapth Casing: S" PVC ASTM D-2241 from 0' to 254' 5" STAINLESS STL SCREEN from 254' to 257' Screen: 3' of 5" diameter 25 slot Grout: BENTONITE from 0 to 253. Water from gravel at 254' to 257'. Static level 130' below casing top which is 1' above GL Pumping level 160' when pumping at 30 gpm for 1 hour Permanent pump installed at 220' on May 30, 2008, with a capacity of 30 gpm Remarks: Driller's Estimated Well Yield 50+ gpm Owner Address: 4052 E. Main St St. Charlos, IL Address of Well: 21800 N. Old Barrington Rd Barrington, IL	sand & gravel	160	206
Total Depth Casing: S" PVC ASTM D-2241 from 0' to 254' 5" STAINLESS STI, SCREEN from 254' to 257' Screen: 3' of S" diameter 25 slot Grout: BENTONITE from 0 to 253. Water from gravel at 254' to 257'. Static level 130' below casing top which is 1' above GL Pumping level 160' when pumping at 30 gpm for 1 hour Permanent pump installed at 220' on May 30, 2008, with a capacity of 30 gpm Remarks: Driller's Estimated Well Yield 50+ gpm Owner Address: 4052 E. Main St St. Charlos, IL Address of well: 21800 N. Old Barrington Rd Barrington, IL	blue clay	206	250
Casing: S" PVC ASTM D-2241 from 0' to 254' 5" STAINLESS STI, SCREEN from 254' to 257' Screen: 3' of S" diameter 25 slot Grout: BENTONITE from 0 to 253. Water from gravel at 254' to 257'. Static level 130' below casing top which is 1' above GL Pumping level 160' when pumping at 30 gpm for 1 hour Permanent pump installed at 220' on May 30, 2008, with a capacity of 30 gpm Remarks: Driller's Estimated Well Yield 50+ gpm Owner Address: 4052 E. Main St St. Charlos, IL Address of Well: 21800 N. Old Barrington Rd Barrington, IL	gravel	250	257
Barrington, IL	Casing: S" PVC ASTM D-2241 from 0' to 254' 5" STAINLESS STL SCREEN from 254' to 257' Screen: 3' of S" diameter 25 slot Grout: BENTONITE from 0 to 253. Water from gravel at 254' to 257'. Static level 130' below casing top which is 1' above G Pumping level 160' when pumping at 30 gpm for 1 hour Permanent pump installed at 220' on May 30, 2008, with a capacity of 30 gpm Remarks: Driller's Estimated Well Yield 50+ gpm Owner Address: 4052 E. Main St St. Charlos, IL	L	257
	Barrington, IL		

Permit Date: January 23, 2008 Permit #: 097-162

COMPANY Snelton, Greg

FARM Oakbrook Construction

DATE DRILLED March 31, 2008

NO. 2

ELEVATION 854

COUNTY NO. 51632

LOCATION NE NE NE

LATITUDE 42.182317

LONGITUDE -88.140967

COUNTY Lake API 120975163200

Page 1 ILLINOIS STATE GEOLOGICAL SURVEY

Semi-Private Water Well	Тор	Bottom
brown clay	0	15
blue clay	15	135
sand & gravel	135	150
blue clay	150	230
sand & gravel	230	250
hardpan gravel	250	257
limestone	257	298
Total Depth Casing: 6" PVC from 0' to 253' 6" STAINLESS STL SCREEN from 253' to 257' 5.75" ROCK from 257' to 298' Screen: 4' of 6" diameter 20 slot Grout: BENTONITE from 0 to 252. Water from gravel 6 rock at 253' to 298'. Static level 130' below casing top which is 1' above 6' Pumping level 168' when pumping at 50 gpm for 1 hour Permanent pump installed at 220'		298
on May 30, 2008, with a capacity of 50 gpm Remarks: Driller's Estimated Well Yield 60 gpm		}
Owner Address: 4052 E. Main St St Charles, IL Address of well: 21800 N Old Barrington Rd Barrington, IL		}
Location source: Location from permit		
		}

Fermit Date: January 23, 2008 Fermit #: 097-162

COMPANY Snelten, Greg

FARM Oakbrook Construction

DATE DRILLED March 26, 2008

NO. 1

ELEVATION 884 LOCATION NE NE NE

LATITUDE 42.1824

COUNTY NO. 51631

LONGITUDE -88.141017

COUNTY Lake

API 120975163100

Page 1 ILLINOIS STATE GEOLOGICAL SURVEY

Private Water Well	Тор	Bottom
brown clay	0	10
blue clay	10	150
sand & gravel	150	200
blue clay	200	260
sand & gravel ·	260	280
limestone at	280	280
Total Dapth Casing: 5" STEEL A53B SCH 40 from 0' to 280' Grout: BENTONITE from 0 to 280. Water from limestone at 280' to 280'. Static level 150' below casing top which is 1' above 6 Pumping level 150' when pumping at 20 gpm for 1 hour Permanent pump installed at 200' on August 20, 2015, with a capacity of 20 gpm Remarks: Driller's Estimated Well Yield 60 gpm Owner Address: 25810 N. Crest Hill Dr. Barrington, IL		280
Location source: Global Positioning System verified	Verified on Februar 2017.	

Permit Date: March 5, 2015 Permit #: 097-206

COMPANY Snelten, Greg

FARM Born, Kristin Trustee

DATE DRILLED March 27, 2015

NO. 2

ELEVATION

COUNTY NO. 52289

LOCATION SE NW NW

LATITUDE 42.180792

LONGITUDE -89.136386

COUNTY Lake

API 120975228900

ILLINOIS STATE GEOLOGICAL SURVEY Page 1

Private Water Well	Тор	Bottom
clay	0	138
clay & gravel	138	164
stoney clay	164	208
clay	208	278
clay mix gravel	278	287
limestone	287	320
limestone shale mix	320	340
Total Depth Casing: 5" A53 ST T/C from -1' to 288' Grout: BENTONITE from 0 to 287.		340
Water from limestone at 288° to 340°. Static level 185° below casing top which is 1° above Pumping level 220° when pumping at 15 gpm for 2 hour Permanent pump installed at 300° on October 3, 2000, with a capacity of 15 gpm Remarks: driller's estimated well yield 20 gpm	GL s	
Owner Address: 25890 Cresthill Dr. Barrington, IL Address of well: 21740 North Highway 59 Barrington, IL Add'l loc. info: Subdivision: Barrington Heights		
Location source: Digital Orthophoto Quad Verified 30, 2006.	by: VJA on	ctober

Permit Date: May 11, 2000 Permit #: 097-021

COMPANY Kerry, Charles M.

FARM Doherty, Tom

DATE DRILLED October 2, 2000

COUNTY NO. 27213

NO.

LOCATION SE NW NW

ELEVATION 0

LATITODE 42.180355

LONGITUDE -88.137158

COUNTY Lake API 120972721300

Page 1 ILLINOIS STATE GEOLOGICAL SURVEY

Private Water Well	· · · · · · · · · · · · · · · · · · ·	Top	Bottom
topscil		0	
blue clay		2	125
sand		125	23!
gravel		235	237
Total Depth Casing: 5" GALV 15# from 0' to 237'		<u>.</u>	237
Size hole below casing: 5"			1
Water from gravel at 237' to '. Static level 120' below casing top whi Pumping level 120' when pumping at 15	ch is 1' above (gpm for 28 hours	L I	<u> </u>
Driller's Log filed			Ì
Owner Address: 81 N. Honey Lake Rd. 1 Location source: Location from permit	Barrington, IL Verified by: V 2006.	UA on Octo	ber 23,
		ļ	
•			

remit bace	i: January 24,	1969	Permit #:	
COMPANY	Pilgard, Peter	& Sons		
FARM	Lohman, Floyd			┡┋┋
DATE DRIL	LED February 7,	1969 N	io.	
ELEVATION	0	COUNTY N	O. 02830	
LOCATION	SE SW SW			
Latitude	42.183958	LONGITUDE -8	8.137075	
COUNTY	Lake	API 1209	70283000	24 - 43N - 9E

Page 1 ILLINOIS STATE GEOLOGICAL SURVEY

	Top	Bottom
Drown clay	0	8
lue clay	8	122
and & gravel	122	267
imestone	267	•
Cotal Depth Casing: 5" PVC from 0' to 267' 4.75" ROCK from 267' to 278' Grout: BENTONITE from 0 to 220. Cater from limestone at 138' to 278'. Catatic level 138' below casing top which is 1' above of the company level 145' when pumping at 10 gpm for 2 hours ermanent pump installed at 160' on October 6, 1999, with a capacity of 10 gpm demarks: driller's estimated well yield 40 gpm when Address: 25962 W. Scott Rd. Barrington, IL ddress of well: same as above ocation source: Digital Orthophoto Quad Verified by 23, 2006.	ī.	278 278

Permit Date: September 24, 1999 Permit 8:

COMPANY Snelten, Jeffrey FARM McQueen, Berna

DATE DRILLED September 30, 1999

NO. 2

ELEVATION 0

COUNTY NO. 42374

LOCATION SH SH SH

LATITUDE 42.183529

LONGITUDE -88.139359

COUNTY Lake

API 120974237400

0 2

Page 1 ILLINOIS STATE GEOLOGICAL SURVEY

elay gravel		1
ravel	٥	118
	118	127
alay	127	191
and	191	242
ravel	242	266
Cotal Dopth Casing: 5" GALV. 150 from D' to 266'		266
ize hole below casing: 5°		
ater from gravel at 0' to 0'. Eatic level 148' below casing top which is 1' above sumping level 148' when pumping at 10 gpm for 4 hours	di s	
riller's Log filed		ļ
wner Address: ,]
ddress of well: 25679 W. Scott Rd. Barrington, IL		
dd'l loc. info: Lot: 1 Subdivision: Rolling Meadows		
ocation source: Digital Orthophoto Quad Verified k	VJA on I	ovember
	}]
	}	

Permit Date: August 17, 1972

Permit #: NF 1606

COMPANY Snelten, Arthur Charles

FARM Flint, John

DATE DRILLED November 1, 1973

NO. 64

ELEVATION

COUNTY NO. 03830

LOCATION NE NE NW

LATITUDE 42.162905

LONGITUDE -88.133683

COUNTY Lake

API 120970383000

Page 1 ILLINOIS STATE GEOLOGICAL SURVEY

Private Water Well	Тор	Bottom
brown clay	0	9
blue clay	9	130
hardpan sand	130	215
sand & gravel	215	242
limestone	242	246
Total Depth Casing: 5" PVC ASTM D-2241 from 0' to 242' 4.75" ROCK from 242' to 246' Grout: BENTONITE from 0 to 242.		246
Water from limostone at 242' to 246'. Static level 142' below casing top which is 1' above G Pumping level 166' when pumping at 20 gpm for 1 hour Permanent pump installed at 200' on May 21, 2003, with a capacity of 20 gpm Remarks: gamma file: classic.aa0	L	
Owner Address: 502 S. Prairie Barrington, IL Address of well: 110 Scott Rd. North Barrington, IL Add'l loc. info: Lot: 27 Subdivision: Grassmere Farms Location source: Global Positioning System verified	Verified on May 1,	_
Image viewing help: New users please read this. GET FILE Natural Gamma Log GET FILE Related File -		

Permit Date: August 12, 2002

Pormit #:

COMPANY Snelton, Jeffrey

FARM Classic Homes, Jeff Murdy

DATE DRILLED April 28, 2003

NO. 1

ELEVATION 865

LATITUDE 42.183435

COUNTY NO. 47825

LONGITUDE ~88.134151

COUNTY Lake

API 120974782500

ILLINOIS STATE GEOLOGICAL SURVEY Page 1

Privato Water Well	Top	Bottom
fill	0	7
brown clay	7	19
blue clay	14	123
sand & gravel	123	232
limestone	232	260
Total Depth Casing: . 5" PVC ASTM D-2241 from 0' to 232' 4.75" ROCK from 232' to 260' Grout: BENTONITE from 0 to 232.		260
Water from limestone at 232' to 260'. Static level 133' below casing top which is 1' above G Pumping level 164' when pumping at 15 gpm for 1 hour Permanent pump installed at 200' on May 8, 2006, with a capacity of 20 gpm Remarks: driller's estimated well yield 65 gpm Owner Address: PO Box 1514 Barrington, IL	L .	
Address of well: 100 Scott Rd. North Barrington, IL Add'l loc. info: Lot: 26 Subdivision: Grassmere Farms 13-24-301-022		
Location source: Digital Orthophoto Quad Verified by 22, 2006.	: VJA on S	eptember
Image viewing help: New users please read this. GET FILE Related File -	į	
	[

Permit Date: March 15, 2006

Permit #:

COMPANY Snelten, Jeffrey FARM Meese, J. & Assoc.

DATE DRILLED April 20, 2006

NO. 1 COUNTY NO. 50294

ELEVATION 854GL LOCATION SW SE SW

LATITUDE 42.163944

LONGITUDE -88.134608

COUNTY Lake

API 120975029400

HEIZER ENGINEERING LLC LETTER DATED MAY 9, 2022 REGARDING CONDITION OF EXISTING PIVATE SEWAGE DISPOSAL SYSTEM

HEIZER ENGINEERING LLC 8404 WIUM ROAD CARY, ILLINOIS 60013

847-846-1723 (Cell) reheizer@yahoo.com

May 9, 2022

Mr. Anoosh Varda 25815 W. Scott Road North Barrington, Illinois

Dear Mr. Varda:

RE: Wastewater Treatment System Inspection at 25815 W. Scott Road, North Barrington, IL

Based on a visit to the above address on June 5 and June 9, 2022, I believe the private sewage disposal system is in acceptable condition. A dye test was performed. The septic tank is in good condition and the absorption system does not have actual or indications of sewage on the ground surface.

This report is made for the conditions observed on the days of visitation and does not reflect future performance.

Thank you and your family for the kindness rendered during my visit.

Should you have any questions, please contact me at the above numbers.

Sincerely yours,

Richard Heizer

Richard Heizer, P.E.

NORTH BARRINGTON VERTICAL FARM BULDING PLANS

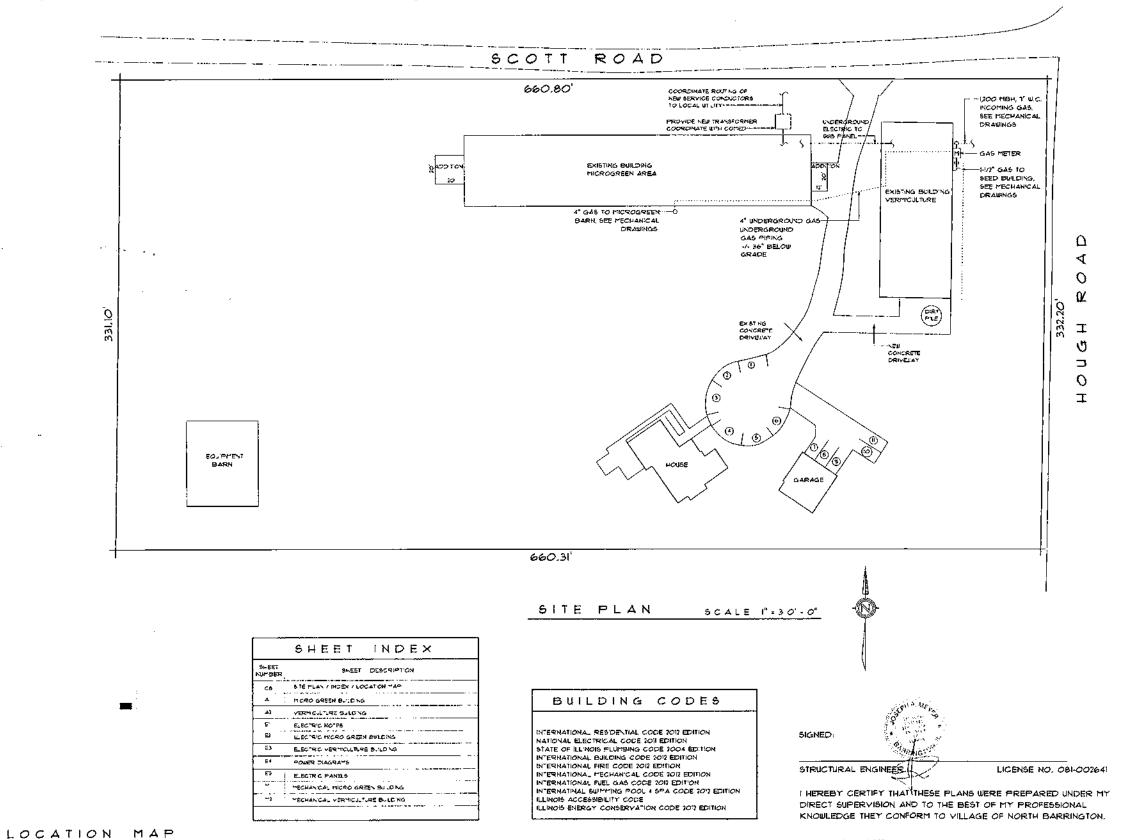
25815 SCOTT ROAD

PLANS PREPARED BY JOSEPH A. MEYER

LAST REVISED

JUNE 10, 2022

NORTH BARRINGTON VERTICAL FARM



OSEPH A. MEYER

URAL & PROFESSIONAL ENGINEER
PARKAVE. BARRINGTON IL. 60010 841-382-0200

NORTH BARRINGTON VERTICAL FARM 1981 BU. SCOTT RD NORTH BARRINGTON ILINOS 60010

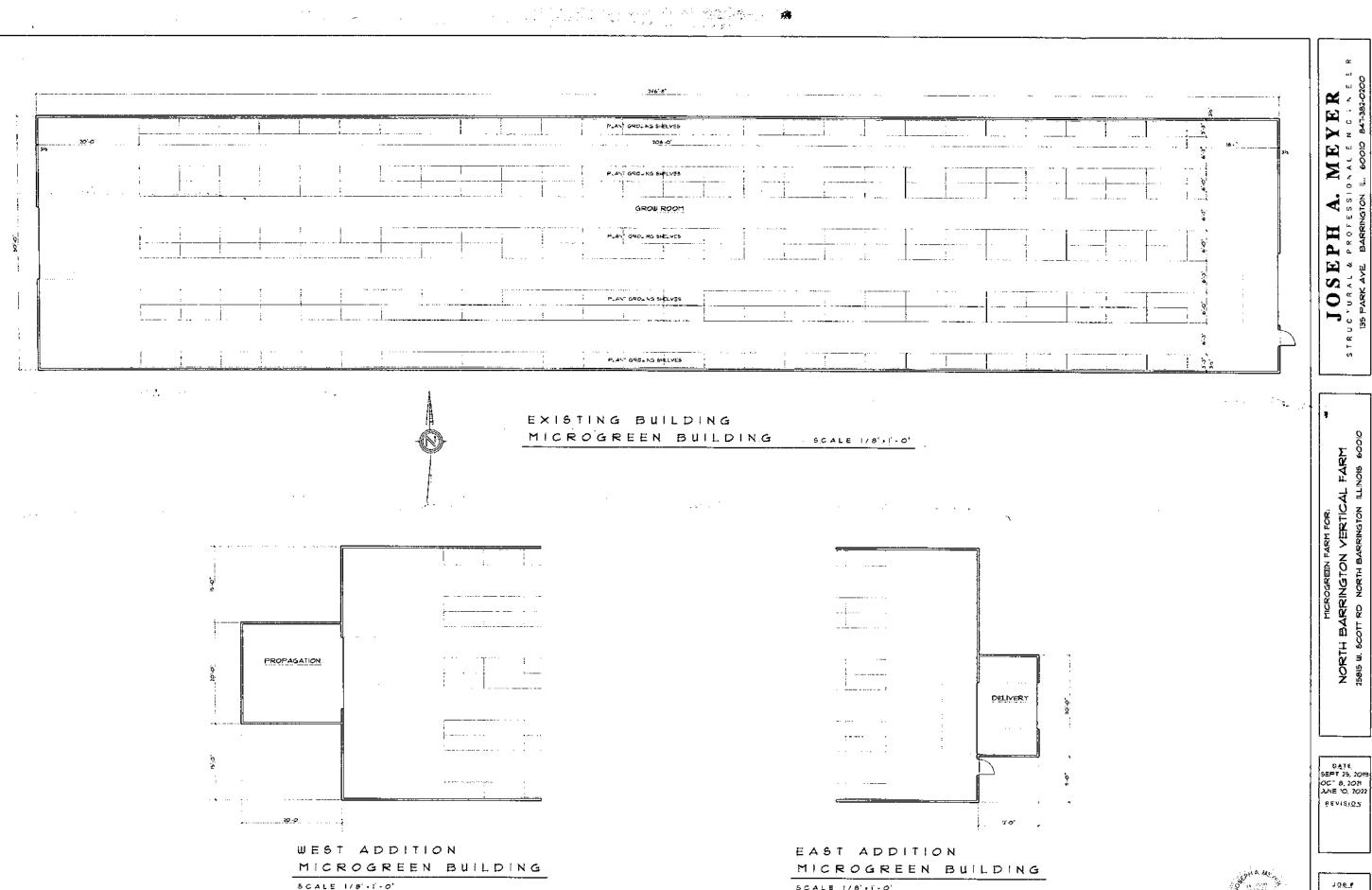
DATE. SEPT 25, 2019 OCT 8, 2021 JUNE 10, 2022 8541510N

<u>108 ≠</u>

SHEET.

CS

EXPIRES 11/30/2022



SCALE 1/8" . 1 - 0"

JOB #

SHEET# **A**1

 $\omega_{\rm th} = c/\omega_{\rm th}$ 23 - 4 VERMICULTURE ٠. -!

 $u_{k} = 0$

JOSEPH A. MEYER
STRUCTURAL & PROFFSTONAL ENGINE E
135 PARK AVE. BARRINGTON IL. 60010 841-382-0200

NORTH BARRINGTON VERTICAL FARM 25815 W. SCOTT RD NORTH BARRINGTON ILINOIS 60010

DAIE SEP 25, 2019 OCT 8, 2021 JUNE 10, 2022 REVISION

EXISTING BUILDING
VERMICULTURE BUILDING
SCALE 1/8"-1'-0"

PING

) JOS #

янеет **А**

ELECTRICAL SPECIFICATIONS

PROFITS SHATTIC HE BOTHE CONTRICTORS WELLEY FROM COLLEGE AND THE RECOVERY ACCOUNT HAVE AND THE ALL EXECUTIONS AND CONTRIVENCE WHEN THE PERSONNET WAS A CONTRICTOR OF A CONTRIC

AL WAKES AL BE DAR NECOTANEW PLAISE MEDIAL ELETROL COST PER PROVINCES ROCL COLEMA DE PREMIER PREMIER A PORTO EL ELETROL COMPACE BALL SERVI AN PEDIAL DE MANDE PORTON. D'AN MEDICES ECONOMINES EN MEDICES PER PER MANDEC AL SECURE SE L'ELETROL EN MEDICES EL PREMIER PROVINCE AL SECURE SE L'EL PREMIER PROVINCE AL SECURE SE L'EL PREMIER PRE

THESE DRAWNESS ARE CARRAMATIC AND BOTH NOWARD DIGHT LIABORITATION SCALEFORN, BTO REGULARD

THE SLECTRON CONTRACTOR SHALL MURICIEN HIS BOUNTWINDINGS BOUR EDBY APPRICABLE COSTS

PROTECTERS THOSE ALL ABOVER, A TURE AND REPLANTS FROM ANY INVACED HAVE NOT CAND AND AND CONTRAINING ANY CANDICETRODICATION FROM THE REPLACED ON RESISTANCE TO REPLACE OF THE PROTECTION OF THE REPLACED ON THE PROTECTION OF THE PROTECTIO

function for addition to a document restrict, so the function of the subsection of the action with the later etc.

Also, fine transported to a compatible also ababes graphs of the function of the action by the compatible action of the subsection of the action of the a

AUCCOAD FOR THE COPYROY BE THANKED AND THE PARK OF THE WAY OF THE WAY OF THE PROPERTY OF THE PROPERTY AND THE PROPERTY OF THE

PROMOTE ALL LABORIAGO MARTINIA. REGURBO FOR COMPLEMENTO OF THE MODIC THE MODIC SEX MEMORY SPECIFICALLY BOOK OF FREE TRANSPORTER. MEMORY FOR FOR FREE TRANSPORTER. MEMORY FOR FREE TRANSPORTER.

ALL OF A STATE AND SECOND TORS APPLICATED THE PROJECT SHALL SEE ALL COLD

RANDAL RESIDENCE, YAS THE END OF SHOPSHEE

PROVIDE ALL COMPAGISACIA GIANO PAPO AND BOAD FOR PRESSE OF PERSONANT CONVENTION WORLD'S THE STRUCTURE.

CASES OF FRIEDRICH OF THE CENTERAL CONTROLLES FRANCISCO CONTROLLES CONTROLLES

ALL PARSECRIFES FAMILIFICANCE STANDARD AND DECONDOUGH OF BY TOPESSHALL BE DECIDED BY USE OF FURSING LAWRY FOR THE FULLES.

A 1 COADURS SHALLEY ALLWAY IN ANTIGRENT AS NOOFED AS NOT OBESOMERS ON PLAN

CRECOND CONTRACTOR SHALL BY MERO CRECONDERS AS COLORES AND COLORES OF THE PROMOTE TRAVELLING AND COLORES

CONTRODOS MAL PROVIDENCIÓN PROVINCIANCIÓN. DE CONTRODOS DAL SE PESSONS LE PROGRAMA MUNICIPADA MANDER MUNICIPADA PER PER PER A PROFESIONAL DE CONTRODOS DE PROFESIONAL DE CONTRODOS DE PROFESIONAL DE CONTRODOS DE CON

RELEVAN HANDE RECTORAL GEVERN WITH A SET THE PROBLEMENT AND AND HEADERS WELF AND EACH OF THE PERSON HESS AND HEADERS AND HEADE

PER ECCUPULACAME ANY OF MASACANY THE ENVACE OF FREE MATER MARKET RUCE PROPE CONSTRUCTED, ECLIPAN ACCORDES OPPORTUNA ARTICOMY. FROM AN CALSE SCHIEFOSE MONTHERINE A LITOR MATER ESCAPERIO REMOSEDEMAS OF TAKES OF THE MERCHAL SERVICE OF THE MARKET CONTROL REPEACE.

CONTACTS FACE TEST ALL CELLUS SUMPAINT STOFF REMANDES CRUSTOCINENT AND ALL TEST CONTROL OF THE MEMBER AND THE ALL THE

CHARACTER PARTY ASSAURANCE AND A CONTRACTOR OF A PARTY AND A STATE AND A CONTRACTOR OF A CONTRACTOR AND A CO

A GREEK IN GREEK OND VAN HALD BESTAMMENDE HET HET BELAND DIE EK DE DEER SELES SYMME HEER DIE MAN JERN BEHE AND REKEL AL ROSTE. EK AMPRE OF DE MAN DE SYMME PROFEE AND DE AR DE SYMMET DE WENDE DE BANDE DE SYMMET DE SOMETEN DE DE SYMMET DE DE

NOT ISSUED ON SERVICE OF THE ACCOUNT OF THE TWO WAS THE SERVICE OF THE WORK TO THE WORK THE COMMON SERVE OF THE WASTERS OF THE WORK THE WO

ANYWARDS WOACH OIS CRESTITURISER OF CONDUCTORMISSION SERVENCY CESTANIANAN THE SERVER CLUMMING CRESTITURISER OF CONTROL ON

THE REMOVED COMMONS SAVEDARES CORDINANCE EXCENSE IN THE TELEMENT OF THE METERS AND PRODUCT OF THE CONTROL CONT

THE CONTROL OF THE PROPERTY OF THE CASE OF THE PROPERTY OF THE

A MARKAS DALLE MANORISE STOMESTALES, PUNT DA MELL SPECINO ASAES PARTER PARESET ASTA AND AL MANORISMO TO SEVATORMEST ALS CATALONAL A LAGRANMENTAGE AND SECONDES AN

CLEAR TOWNING A FEDERAGED TO THE PAGE CONTESTED SHANDORN FRANCES FROM SET RETURNS AND THE FEDERAL FRANCES FRAN

THE CONTROCRACES OF VERWYMAD SAME MANESS FRED CARSE REFORMER FRED ALGORISHES FOR MADIGARS IN LOSS DREMENERS OF FREM SERVED AGAINST THE CONTROCRACE STREET OF THE WAS ARRESTED AGAINST THE CONTROCRACE STREET FROM THE MADIF ARRESTED AGAINST ON ANY THE CONTROCRACE STREET AGAINST ON ANY THE CONTROCRACE STREET AGAINST AGAIN

THE ACTION FOR EXPENSIONAL WAS INCLUDED TO A CONSULTATION OF FIRST SERVICES FOR EXPENSION OF FIRST CONTINUES FOR EXPENSIONAL PRODUCTION AND ANY FROM CONFIDENCE OF FIRST CONTINUES FOR EXPENSIONAL PRODUCTION AND ANY FROM CONFIDENCE OF FIRST CONTINUES.

BUT METHODICA SALL SENSINGS THE CONTROLLES CONTROLLES FAMILY AND DESS SIMPLANCE CONTROLLES MANAGES ALL DESTRUCTION IN TRACTIONAL FAMILY CONTROLLES FAMILY AND DESSE AND DESTRUCTION OF THE CONTROLLES FAMILY AND DESCRIPTION OF THE CONTROLLES FAM

 $\label{eq:convention} Decorate and alternative event in expression of the convention of the conventi$

TRECONTACTORS REPORTED FOR EACH ARM THE REPORT OF STREET FROM THE GOAL PARTICLES AND THE COACTUME AND ASSOCIATED ASSOCIATED AND ASSOCIATED AND ASSOCIATED AND ASSOCIATED AND ASSOCIATED AND ASSOCIATED AND ASSOCIATED ASSOCIATED ASSOCIATED AND ASSOCIATED ASSOCIAT

te fentite represental, betreere prite entrope prestote fractienname mittelega. Altertiteens annetere treet im gener men Angengangen dure beet fentigene altereron terkalinan fram teleparatien regeneration gronaket witter in er tekta Angengangen die generalisetet

THE ARRANGE REPORTED THE PROBLEM OF THE PROBLEM OF

ANSHADIAN, UKUHBURARNALISAKSASEDANDONE DAMAS ALPARLIKAKSEAL WEI PERKURYENSIZELUKIS ONAL EBIRKA KOLINJAREGE JAKORU BIATAKS MALBAKSIRA, BER DO FRO FONSKORNENDOMENDOMENDIK KAN CAMBONESKI, PERKURU PAMBULAN PERUNGBI BAN KETERADI BAL BESUNT MIS

A CROMBRAGES AND # 2017 ON 1-49 MAY MY MEDIS DESCRIPTIONS AS SECTION AS A LIST 1 ON THE MAY ASSESS AND AS RESPONDED AS THE PASSANDAL THE CROMBRAGES REAL MAY AS ORDERING FRANCES RECORDED THE TWO AND ASSESSMENT OF A CROSS WAY AS RECORDED THE TWO AND THAT AS THE PASSANDAL FRANCES AND ASSESSMENT OF A CROSS WAY AS RECORDED THE TWO AND THAT AS THE PASSANDAL FRANCES FROM THE TWO AND THAT AS THE PASSANDAL FRANCES FROM THE TWO AND THAT AS THE PASSANDAL FRANCES FROM THE TWO AND THAT AS THE PASSANDAL FRANCES FROM THE TWO AND THAT AS THE PASSANDAL FRANCES FROM THE TWO AND THAT AS THE PASSANDAL FRANCES FROM THE TWO AND THAT AS THE PASSANDAL FRANCES FROM THE TWO AND THAT AS THE PASSANDAL FRANCES FROM THE TWO AS THE PASSANDAL FRANCES FRANCES FROM THE TWO AS THE PASSANDAL FRANCES FROM THE TWO AS THE PASSANDAL FRANCES FROM THE TWO AS THE PASSANDAL FRANCES FROM THE TWO AS THE TWO AS THE PASSANDAL FRANCES FROM THE TWO AS THE TWO AS THE PASSANDAL FRANCES FROM THE TWO AS THE TW

E PRE SOND ACTION ACTION OF THE COST DESCRIPTION ACTION OF THE ACTION OF THE ACTION AND PRESENCE OF THE ACTION OF

CHEARL RABBE SASIAL FOR TROUGHDAISTE, CONT. THE KLUTANGAIGHT SEE, DEELS SELFEEN LEIMCACLS TROUGHT WANGE, TERSKE DALEEN ACCESSATERY LEIMCAGAS TROUGHT WANGE TERSKE DALEEN ACCESSATERY LA SANGSFORMATER TROUGHT CONTROL TRANSPORTED TO ACCESSATE ACCESSATERY AND ACCESSATE ACCESSATERY ACCESSORATION ACCESSATE ACCES

DEMPANE EACH MEACH. FECHT SWILMER ABOTT CHOP WITCHES IN TORGHATE TWITTE NESSPECTOWNYN MED SKILANDER FERNING SWILBESTRANDER DETTET WITH THE CHECKNESS IN TRESPORTED FOR THE MED SKILANDER S

E FANCE COMES SHALL HE DET DEV ANTERNET ES USCRAT RESEARCE SHALL BERRY HE COURSE. WHAT RESEARCE FOR LICENSE FOR LESS SHARLE FOR A FEW AREA LICENSE FOR LICENSE FOR

COSSO SENCEMBERGETS FRECHTACONOME, OF AN ELECTROPISMOS ESTADOSME, FAMALOSES NORTH TO THE REMAIN ASTALATA ASTALATEM SENCESAND ROLLES. SENCED ON TRANSFORME OF REMAIN COMMENTAL COMMENTAL REMAINS FROM SEC.

AL ROMERONDO CREARE TO BE TERMINED PRINCE CHONGE CENTRES CORES AND AND A CHONGE SERVES CHANGE SERVES CHANGE CORE AND ADDRESS OF A CHORGO CHANGE CHANG

recommendation of the transfer of the presence of the presence

CHONG A DERVIS DE CHELLE VALUE FOR A REAL LINGUES AND EARLY IN RELIGIOUR AND FOR CHELLINGUES LANGUES CAN CHECKE THE LINGUES CAN FINE LINGUES AND A CHARACTER OF THE SECONDARY FOR EACH AND A CHARACTER

DSPREADONEMENTS FLACHER POSSESSON RAYS FOR BUILDING MELCOPHIA SUSCINIVI

PANE, ECHANS SHALL OF SALEDAMA RATIONAL THE AVAILABLE FALLS CURRENT WAVE AN ORIGINO WHALCH FIRE AS CALLY

 \mathbf{x}_{i} drow example for past, edance by \mathbf{x}_{i} be of the position due in to a size of the distribution of the arrange, example, when \mathbf{x}_{i} is the present of the arrange example.

A DEPOIDABLE AND SET TO SOME PROPERCY SOMEON OF SOUR VENT SERVED

ALTER STEELE AGENCY ACTOR PROPERTY, AND THE STEELE PROPERTY AS A CONTRACT OF THE STEELE PROPERTY AS A STEELE PROPE

CROMEREAGY ASVES AND CLANTINES ARE FURTHER CONTINENTED IN CHESTICAS COLUMN THE STEED SHALL HER RESIDENCE OF TRANSPORTED AND RECOVER DESCRIVATIONS.

FRANCHICHOUT EMPARENCE CACHE AND BROWN CONFIGURATIONS ALL HAVE ACCOUNT FOR

CC EAL STREAM WOMEN, A MAKENDAD FORM CHARMSTOREM TOOLGE AND PARTIES OF A SUBJECT ATMOSP AND CONTROL WAS DESIGNED AND FOR A CONTROL OF A CONTROL OF A CONTROL WAS DESIGNED. HE RELIGIOUS ASSESSMENT AND FOR A CONTROL OF A CONTROL

FIG. 5-ALLID GOVERNOR THE ROTATION OF ALLID HIGH PHASE MOTORS AND CORRECT THE ROTATION AFRICAS ESTA

ILL TRATEM LAFON FOLKTO ANT DEL ORDINATA PALOCIA FACIO. NESS NUEDO CARRE A DIAL FLAVERAD NTIAL CLAF AND CARE AND CARE AND ENLAND RULE AND ENLAND CONTRACTA PART OF REPORTS OF AND ENLAND CONTRACTA PART OF AND CONTRACTA PAR

 $\texttt{ECS-ACPRIMED FOR INSTRUMENTATION CONSERVATION AND A STATE OF A$

EL SHE WEEKDAME, MONT EUROPS MATER FRO SE BALL COORDIN THAT OF RECOMBERS HAT STATER REPLIES FOR A HAD SECRET REPLIES FOR A MARCHA TO SECRET REPLIES FOR A MARCHA TO SECRETARIST AND A MARCHA TO SECRETARIST REPLIES FOR A MARCHA TO THE SERVICE OF THE MARCHA TO THE SERVICE FOR A MARCHA

HET MCAL CONTROCTERS ALL RESISTE ESTAD, AND OFFICIAL STATE RESISTANCE PROMESE AND ACCOUNTED AND ACCOUNT OF A CONTROL OF A

PRISOCRACIA DA SARRIST<u>ERE O CONTRETOGNESS NOLES ARES PERSISSARIS, MARE DA LACCETURE AL SPROJAR</u>A MUNICARA MELLED MALALERINANO AL ARTHRA DA MARANDA MELLED MELLED MELLED MELLED MARANDA MELLED MELLED MELLED MELLED MELLED MELLED MELLED MELLED MARANDA MELLED MELLE

NE CONFACTORS A L'REME ACCIONT DO RECRE MENENT ARBEIL RECOCURNES MOLET CHANCE CHA SPECIA ED TORENCHISTER, DE PERSON DE LA UL PERSON LA DES MENENT ACCUR DE LA PERSON DE LA UL PERSON DE LA PERSON DE LA

THE CONTRACTOR AS PROCES THAT MAY PROMISE AND AND ADMINISTRACT FOR THE CONTRACTOR AS SERVED AS THAT AS SERVED AS THAT AS A SERVED AS A SER

REPORTANDE FOR THE PROPERTY OF THE PROPERTY OF

PROVE ASSET DISOPTICES AND APPORT CHRONOLES CRUMES AND ELEVE DATA FOR AND EVALUATION AND THE RICH DATA FOR THE RECOVERY OF THE

CINTROCK NET MUNICIPARIO CRITI MALORI, ESCOCINAL MALORI PITA ET LEPICAS CONTRET EN NOVA PROCEDENCIA CONCRETACIO CRITICAS PALLES DE PERSON CONTRETA COMPASSANT POR COMPASSANT POR COMPASSANT POR CONTRETA CONTRETA

ECODIVECARIA DI PERO LA GETANDA GENIZAR DE SEELA, INTELIDAD FANOR CAL ÉCONE. LARRAND ACTIVAL EM LLANG BUÍ BLANDO MARCAN

Funder concluderations to recessor of the founders of the properties of the properti

. MATEMATERAL MECONCERTS PROMOBERES PROGRAMME CONSTRUCTOR PORTED FOR PROMEEN AND TERMS FOR FOREITH THREW AND PLASS STANCE RECEIVE AND TRANS AND A MENT HAVE EXPERTED CONTURS. THAN ESPACES AND RECEIVED ACCESSES AND ACCESSES AND ACCESSES AND ADDRESS. AND ADDRESS AND ADDRESS AND ACCESSES AND ACCESSES AND ADDRESS AND ADD

30.94 and 30.99 continuous continuous formulastics, we have a present and expensive and the present and t

PROMIE PRE AURINOS (EN FOUCCONNUCATE PRIA CERSIANO REVALDEREDA).

SYMBOLS SWITCHES FERCER CONDUITY MAS PROBABLY PARKS, IN COMPRESS ASSESSMENT OF SECTION SCHOOLS POWER DISTRIBUTION TOGRESATION VOLNESATIANAF LINO ENCTYMENT FOR CASSION 600 RECEPTACLES $\frac{1}{2} \frac{1}{12} = 4 \lambda_{\rm e} \, \text{volute: Shird-Wiredschaus essens folktein in the end. The The$ GSTANCA BASK POST I ASTOSAVSC POTONII. DEPOSITION OF RECEPTACE MAKING OF RECYCLOUNTER THERMIL EVERYOUR TOGGLE SWITCH FOR THE PROPERTY ENABLE ASSAULT HARMAN AND EMAGGROSA OF FACE BOARDS AND SHOCK CO. 532 COMPOSITION STARTS REPORTED ANALYSIS TWO SWAY COOKERS SHOW BOOM (DAT TO AFFILM D SECONOLISE RECEPTACIES DATO AS ACCUMPO ON AS ACCUMPO ⊠ VOT LA STARTER SVEDIAS REQUASTY [36] DYC.64T VS 68VSCA ¥ LOW VOLTAGE 0 CIRCLE PARTICULAR DE L'ANTE L'ANCIONNE PARTICULAR DE L'ANTE L'ANT KI. DATA COFLET, NOUNTED AS 151 AFF U.N.C. (E)4 140.6 N.SO DACENSET SMICH, SPECIAL NO DIFFE CAUGHS (RED.) ĸ BEFORE TROSPORATE DOWN AND REVENUE TO THE PROPERTY OF THE PROP DRUG TELEVISION (CATHOCOLT ET LOCATED AT 19 AFF UNIC 0.0189032.05180308 114 0.000 Œ

MANO ENDERGI PETELERA BERGO ENTIGONO CIDAL (E DOE PAN PENOCLARIO SONCI AS LA EBOCORROMONICAS, LEGERS ANDROMEROS NO ESCURIGIES AS LEGERS ANDROMEROS NO ESCURIGIES AND PAREO (EN PROMITECUTAS PER MICONESTREPENDATAN REVORTO SUPPROMONICAS PRESENTANTES PROMONICAS ANDROMEROS PRESENTANTO PROFESSOR ESCURIGIANDO PROFESSOR ESCURIGI

EFANCEC SOLD HOUSE, NYSING

A DIEGRA PLASSES SANDE PROCHEMALISCONS DE ROMANDES SALD HAR PART, ACURE HOURS NO DEN CONSINCRAZIO DE TUMO DE LARREN METERARIEN, (AR DE MO NETICARI, O DEPOS ROMBRER PETERARIEN AND CONTRE SANDE MANAGE DE MATORIA.

IR BRETSETMONETMORAS ARE CONTANTO IN A SINDERFORMEN CONTINUE AND RESPECTAÇÃO ESPECIAÇÃO DE SPECIA PROMERO RECURSOS.

0. We will define a constant of the constant

DINCHES INCENSES SPACE BESINKE THE GENTRAL POINT OF ALL DISTRIBUTED ON COMPRESSESSAND ORDER SAGARAGE.

HER CONTRACTOR SHALL VISITATITIES OF INSIGNATE XITIGATORS FOR EXPERIENCE AND FRANCHIST ALS ARTHARD MECHANA, DETAILS FOR CONTRAP PROFESSION MINIS

CESTROA CONTRATIORS-ALI FERVORIA LISEON, OUTES BORS THAT WAY SERVENIED SO EN DIESE RECIPTAÇES

NS. CENTIO CLEMES ELP OFFCROUNDA, LINC CARDIES D'ESTRON ME STROCHRU ELS CICCARRAMIGNOS (COMPACTA ROCE), LINMO DRACH MONTECCHI (1854A), NOT EL LA TROCH TE CEN NO ELTER MES CRIPTAS L'ASSET (ELCENOS PER MATERIA BY CROUNDES DES LORMAT RARRIES AR ARTOST MAD CEDANDRATES).

WHER PARTY OF THE WORK OF THE CORNER FRESH, STANDARDERY LINEARY AND FRESH WHAT, HE WAS A TO MEET AND THE WAS ADDRESSED AND ADDRESSED AND THE WORK OF THE CONTROL OF THE WAS ADDRESSED AND THE WAS ADDRESSED.

EC SAL, PROVED REPORTED TOTAL COSSINGACION PROTECTO SA PERMEDIAL SAND FOR A RESIDENCIA DEL MAI FARTARDAS DE UNA CARIO ALICIA PARTARDA PARESE ANTERIO PARA ACCIDENTA SALVISTO MARTARISMO ANCION PERMES VANCONO DA MODOMBO SARRO DO MEDIS ACOPITADAS D PARESENSIA DO MOSSINGE CARIO SALVESTA PERMESTA DE MAINO PROCESSA DE PONDESES DE SECONDA POR ACCIDENTA DE LOCATION.

NUMBERS OF RUMS AND NOT AND ASSESS THE COMPANIES OF THE CONTINUE AS EASY OF THE CONTINUE AS EACH OWNER, AS EASY OF THE CONTINUE AS EACH OWNER, AS

ALENGERANGORROSS, PER PORTE SERVICE (CONTRACTOR SERVICE AND SERVIC

PROMOTE MANTER MATTER MATTER DESTRUCT AND AND ASSESSMENT AND ASSESSMENT OF SERVICE AND MATTER MASSESSMENT OF THE SERVICE OF THE THANK AND ASSESSMENT AND ASSESSMENT OF THE SERVICE OF THE THANK AND ASSESSMENT OF THE SERVICE OF THE THANK AND ASSESSMENT OF THE SERVICE OF THE SERV

COMPARTIA DIA 1 MANDERE MERESARRI FORRE Y SIZONAL, DRIV. AKRONKAN YE BINES ANDS MERESARD RIVES AND DEVICE AS AGRICULTURA SAGRE MAI AND SECRETA AND SECRETA SAGRE MAI AND SECRETA

NOTE STOCKED ACTION STACKS AND CONTINUES INDICATED ACTION OF STACKS AND CONTINUES.

PROVED ANY TEST AS CHARGED AN OFFICE AND ADDRESS OF PROVIDE AND ADDRESS OF THE AD

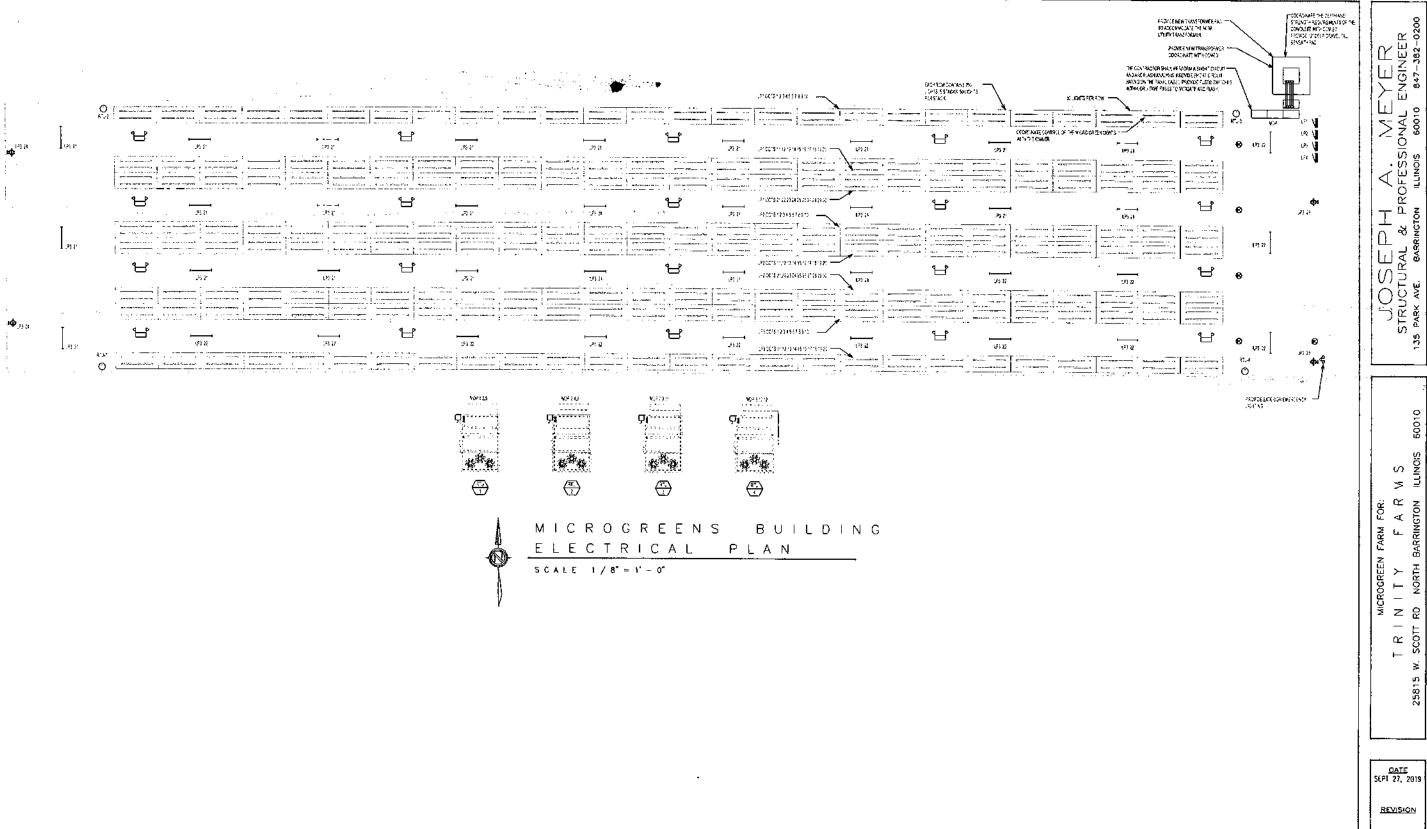
	ABBREVIATIONS				
k;	V. 28/1, 17 3 45.	(me-			
ACO	ACCIAL DISCOUNTES PER	FAUGN ST	FOUGHFRORNT FOOT FOST	SZY	AN INTERNACE
A ^{c-}	ASOVE FNAS-ED 7,009	**	FUTURS	44	kce
ty::la	MASSE	201 <u>03</u> 0701	SPOURD FALLT QUOCHT NYESH, PYES	521€0 970	SOFTMAR SECONDARY
APPRIX	No SCHOOLT	GCs	SINGUIOR	aci Sci	\$1-0000F \$10106
-37A	ARCHITECT. REL	380	SPOUND GROUNDING	51	500 0 5 7 8 k
A"S	AUTOMATIC TRANSPERSATION	F3.	-313-1	χι.	500 VOC
Ar.	ACCHRA	10	- ZOTNICKS TYDISCHARGE LEWIN	52	\$P455
A.12	AU*CHAFC	1052	-0470474	SES*	SMOLEPOLE DO BLE NEDW
A.I	4 NOLWEY	∤ •P	-0326-2045-3	5750	STRUMENTON
823	5.40A6	185	*(0)05@58@560.CV	\$257	SASCERUE SACETADA
c	0.666 <u>98</u> 0098.0	476	FIATER	<u> ሂ</u> ዮት	39:54/54X
503	Dark.	¥1	-SAVOLVAS	\$Q 4T.	SCHAUFELL
5 5	CIRCUT BREWER	-442	FERRING WAS UPING MIGHESTED	510	STANDATO
35-	CRC. F	AL.	PERIO (COCUES PER SECOND)	\$157	99920
COV.	ELOSED ORGANITE, DYSON	×	SOUTFORGAME	žM	%6TQ-
\$12	CERAG	N	N2-, NC-83	27/20	50°C-5040
C9	POLICE, RUEDZ CHOM A CREWO	MANS.	SCACISTO	SYNC	かい-おひがたく
CC#3	COMPANION	.e	AND WAS SEX	ars.	\$75°EV
cosc	cover.	<v< td=""><td>ugat.</td><td>`i.<u>⊴R</u> "</td><td>MASSHONE</td></v<>	ugat.	`i. <u>⊴R</u> "	MASSHONE
6055	CONSCRED COMECTION	KHA	Q COOL MARKET	,EAS	reference of the second
GF.	CARENT HOME CAMER	4H	KECHASI	T	PERMA CVER, CAD <u>CR</u> 1-FRACEING
49	3/3 66 1	:"\$	SMING	**	rastora a
.X	C RECT CURRING	WXX	VALV.B	E-5	\$-RUDED TWISTED FAIA
til	(ATIO),	WC.	ROTAVETICO (A) AN-DAN	x²uR,	PAASTCROFR
194 1945	SAIGHK NAME:	WCC WEST	Motorica (an Garer Monaga, Medanga	79	RESPECAS TERMANA STAND
CN CN	DAGAAR Dagagon	WEST VFR	MANAGE INSTANCES	IV Pre	Britis (A 1960)
050	2.800W/20.	W-	PANEOLOGISPOLITACIONI GIOT	V	N2.4
CST	D STABLITION	W.	4246 4246	VA.	var var
-11	DVSON	ws:	M30/LUANECUS	VER!	ASSESS
18	XW.	er)	KUT)	WO.	ASCINE
655-	Diturble Advis Course himber	v:s	VCUN'NG	ď	NAT OFWAS
395"	DOUBLE POLE, BAGUE THROW	¥0	VARREY5,050	N	#i-
24	P2+SAME C	1601	NEAR	**	NATENS MACHINE
CWC	CHANGE	10	YO' MICHING!	**	MSAI-ERPROCE
9	30	XL.	MORT(SEL	x	EAST NOTO REMAIN
€6	FOTOSTACO ACOTORIO	¥c.	NORWELY DIEKED CENTRACE	r,	ERRIDENA PROTE
F _c	3.39X109 <u>63</u> 6.59X108	V04	VCV VQ	ž	MPSCANCE
£.1C	E. ROTACK	\ *\$	1,0201:02		
5.FV	6.7VA17.9	90	CHARLES FOR THE PROPERTY OF THE PARTY OF THE	s	
SMI <u>CH</u> EVERO	EMERGENCY	6Ç	PERMANERAL		
iv.	ENC08/A5	:4	CO-ARTH PARSAR		
\$2 <u>08</u> \$31.79	19,94(4)	\$	ಸ್ತ		
ue	RECKEWATEREDER	J ₂	ALALGADORES DISTEN		
fir-	ELECTRO MATERNADATA	P9 43	PLOS BOX OFFICE HEAT TON		
D6;	£55 145	-	FOWER FACTOR		
FXP	remit	a- <u>⊘</u> 0	种规则		
FA.	FRE KLARV	FN:	9(¢1,36-1 749€.		
790 43	7.55.6959.9763688 7001.041.00	PA.	FARE		
15 174	ARCHONIUM ARCH	PS PSJ	FAIR PRIOUSY		
71.4 713	16069 1608	nd NC	-9000 2007/07/2040/08		
in.	FILTERS	41C	40000 14 AUG		
4	-1004	45657	WHEN I		
	Para CAR AVES-E	.g:	esthered <u>a</u> rgrestates		
F.5.X	CERNE	3(50	SACTORES.		

STRUCTURAL & PROFESSIONAL ENGINEER
135 PARK AVE. BARRINGTON ILLINOIS 60010 847-382-0200

MICROCREEN FARM FOR:
TRINITY FARMS
25815 W. SCOTT RD NORTH BARRINGTON ILLINOIS 60

DATE SEPT 27, 2015 BEVISION

SHEET #



Commence of the Commence of th

S Nois ≽ુ 7 NO NO ⋖ MICROGREEN 8
N | T Y
RO NORTH B4 _ _E T R scot

શ્રુ હૈ

80k SHEET

ж Ф Фич. **"**" SEEDER & TOP COAIER FLAT / TRAY FILLER SPECIAL PROPERTY OF THE PRO CRUSHUR

SEED BUILDING
ELECTRICAL PLAN

SCALE 1/8" = 1' - 0"

JOSEPH A. MEYER STRUCTURAL & PROFESSIONAL ENGINEER 135 PARK AVE. BARRINGTON ILLINGIS 60010 847-382-0200

MICROGREEN FARM FOR:

TRINITY FARM S
25815 W. SCOTT RO NORTH BARRINGTON ILLINOIS

SEPI 27, 2019

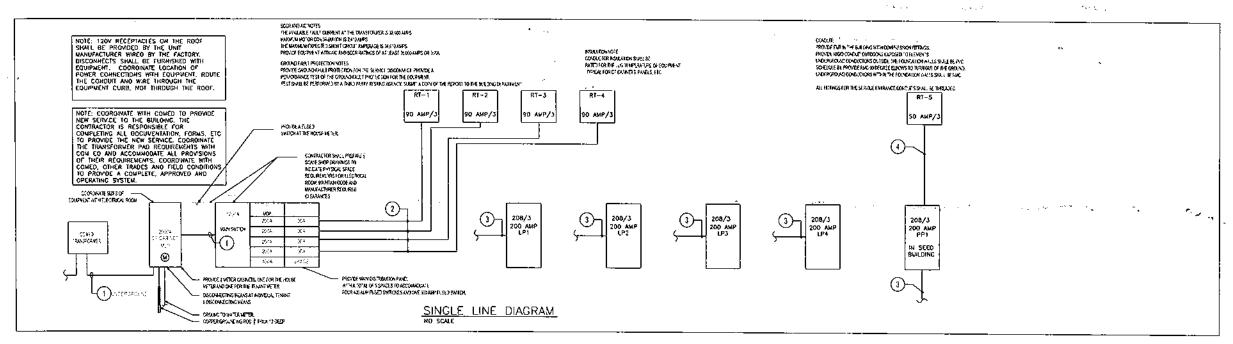
70B #

SHEET #

The same of the same of

					ŀ	ЮТС	æ A	ND E	QUIP	MENT	SCHE	:DUL	E		_	
	EQUIPMENT	FOCUREN			ເໝ			6369	50UP(2	OF FOMER	PROTECT.	511	RIEN	DECODA	osci	69%:95
_	(KSOMFCIAS		VX.13	PLASS	H.P	yC.	EA	1	PANE	CC1.NO	(ALFERTS)	975	IYH	\$QTE	305	1 *****
	6007 1Q2 4/42	RCOF	7.5	3		714		0	NOT	1,1,5	97.12	٧x	λ'n	79X SF		MEMIRODITOPUNT. FACTORIT PROVIDE DIGGODINECT
9	800F10P14AC	9009	200	3	·	пя		0	N/A	2,1,5	ya y	NA.	Nλ	162Y 36	1	ALM BOOL (NATION EXCLUSIONS ABOVED O BECOME C.)
Θ	900F10F-164C	ROOF	λ'n	3	· ·	79.4		0	up	1911	943	3/4	6/3	47.0	 	MWR00F0PUNI.FICHOROPPONDED OSCONII CT.
<u>-</u>	ROCH TOP-HALC	aççı	23	1		764	-	0	N/A	1,00,12	93.35	54	NA.	લાફા		NIW ROOFIOP JAT, FACTORY PROVIDED BECONNECT.
<u>5</u>)	ROOF TOP HAZ	H00F	23	1		415		0	PFV*	135	SA PP	VA.	MA.	- 47 YB	1	YEAROOKOP INT. STATION PROVESSORS TO A ROSPORTED

FOUNDAMENT OF THE PROPERTY AND A DESCRIPTION OF THE PROPERTY OF THE FOUNDAMENT OF THE FOUNDAMENT OF THE PROPERTY OF THE FOUNDAMENT OF THE



		LIGHTING FIXTURE	SCH	DULE-IN	TERIOR		AN ESST. 60 OMETIC.
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			rsymutem			* SENCENC
2144KI	vescaffun	E ALIGERATA	eu IIs	##AL 84606380 54.969401 15.3859060	WANDACIRER	GINSHS HOUSES	SANNE CONTROL OF THE PARTY OF T
	жижних	ம	43	'n	ALFS	NECETALOM SON GENE	DOS
⊢ →	CSISSEMENT	ı	42	y	ባ ኒዮኝ	TOWNTUNDARIONS PROVINCE	ETTEL SUNCLEARING MANUAL THAN AND AND AND AND AND AND AND AND AND A
1	BERGERY BOT	(E)	ŧ	SW	PHLPS	COSCINATE ATTHORNS RPCORTO DOSES OF DORLOUILES	MAN SERMCE GROUND DETAIL
8	571 SG4	些	5	SW	Fra PS	COOPDANTS WITH ON VERIFFOR TO GROEF OF CONTROLLING	

	R SCHEDULE-FOR MOTOR EDULE AND SINGLE LINE D		
No.	WIRE OTY. + SIZE	CONDUIT	C8
0	4 SETS OF 4 40%cmil 8 1 #350kcmiG SERVICE GROUND COMBUCTOR #350 kcmi	3" (6) 1-1/4" RIGID GALV	1200A 3F N/A
2	4 #3 & 1 #8G	2' [1]	90A 3P
3	4#4/0 & 1 6/0G	2'	200A 3P
0	4#1/0 8 146G	2'	50A 3P

A TIMES SHALL OF FACTORY MARKETS TO RECOME FOR MANAMARTIAGE HEAR PACKATED IN THE ASOUT SOCIETY.
A TAMES SHALL OF MANAMART OF MANAMARTIAGE HEAR PACKATED IN THE ASOUT OF MANAMART OF MARKET SHALL OF MARKET ASOUT OF MANAMART OF MARKET SHALL OF THE ASOUT OF MARKET AS A TIME ON A TAMES AND AND ANAMART OF ASOUT OF MARKET TO THAT OF THE MARKET AS A TIME ON A TAMES AND ANAMART AS A TIMES AND A TIMES AND A TAMES AND A TIMES AND A TI

1987、1998年 🦠 🖫 😮

S NOIS ≥ ∺ M FOR: A R NGTON LL. MICROGREEN F N I T Y RD NORTH BA - ₋ 7 R _ 25815

EYER L ENGINEER

L& PROFESSIONAL E

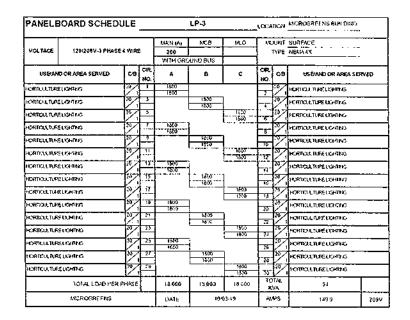
STRUCTURAL &

2

<u>OATE</u> SEPT 27, 2019 REVISION

JOE #

SHEET #



	OARD SCHED	~	_		LP-2		_CCCA	MENT	MCROGREENS BUILDING	-
				ANN (A)	MCB	MO	MC	XINI	SURFACE	
VOLYACE	120/208V-3 PHAS	E 4 WIRE	₽ į	200		l .	}	341	NEMAX	-
				WITH ORG	UKD BUS		}			•
USBAN	OOR AREA SERVED	C/8	₹ 8	A	B	c	CIR.	¢8	USE/AND OR AREA SI	RVEO
ድዲሞ ዜር በቡር	(ASHTRE)	177		18/3		•		3	нсквастрепсиво	
cancul ture	D9mNG	7%	-3-		1835	}	8	37,	HORROX TURS LLAMP/S	
ርቀባርዚህ የድ	DAMPEG]%	5	,		1900	8	37	HORTCULTURALISMINA)	•
CRICULTIVE	LICHTING	*^*/-	-	1968		'	-	70/	SCHREETURELISHRAS	
CENTRAL	LYSPTEVS	3	9		1600	}	- 23	"	HOMEOUR RESULTANCE	
CRIDATURE	US/TNS]®/.]		1850	-12	:0/	HORDON TURS (MHORE)	
CHILLIANS	CONTRA		13	गड़ता गड़री	i		<u></u>	337	Krikolture ushari	
CALCATANE	USANS	17	<u></u>		1500	}		26/1	PORTICIO DE LIGHTINO	_
ORBOULIVES	CKHRP/S	37				665	Η,,	20/	новнодливациянно	
ፍድሰርሊ () ርନይ	FICHED12	37,	19	15/90		·	70	28/1	HERBALTURELISHING	
HORRICULTURE	(KHIPA)		21		15:0	Ì	27	28/,	HERTOLINEEUSITIES	
KORTICUL TURE	(X3-REX)	20/1	2)	l '		1900	24	28	HORTCU TURELESTING	
KOATICUL NAS	LSSHTWS	707	52	1803			36	10/1	SAUGULTURE LESINGE	
SALD STORKS	LEDANE.]"	27		150) 1600	}	24	٣,	HORTICULTURE LIGHTES	
HORMOUL TURE	Юэлек	30	23			1900	30	2	PORTCULTURE LIGHTING	
	TOTAL COAD PER	PRASE	Ĺ	18 600	13 600	19 000		TAL VA	54	Γ
	MCHOGREENS			DALE	10.	53119	AJ.	PS.	1199	2031

PANEL8	OARD SCHED	NLE _			LP-1		JOCA	RON.	MCROOREENS BUILDING	
VOLTAGE	1201208V-3 PKAS	e c water		134X (A)	MCB	yL0	- 1		SURFACE NEUR IX	-
					SUND BUS	 	1	1 TI'C.	M. PA 1X	-
USE/AND	OR AREA SERVED	I CE i	C/R NO.	A	В	¢	CER.	¢9	USE/AND OR AREA SE	RVEC
CRTCH NATE	LIGHTING	19 7	1	1830				20/1	HONTOUCTURE LIGHTERS	
esencumore.	DSHTF8S	197	3.		1900	}	<u></u>	20/1	HCRIDOLIUPZ LYHIING	_
CATCULTURE	DATHOC	[7]	5			1900	3	207	HONTICLUTURE DOWNERS	
CANU REE	LXSHTHIS		.7.	1850 1850			Ţ	7	HURTI UTURE LICHTUS	
CRECUITS	GHIDS	197	3		5500°°	1	10	7	Капалиаты	
KATCULRAS	Commo	197	ī		L	1300 ···	12	20/	PORTICULTURE LIGHTING	
CAROLITAS:	KHING.		13	1500		·	14	37	PORTIOUTINE CHARGE	
ecktron (Trafe)	EMING	77	15		18:00 · · ·	1	35:	787	PORTOU, HAVE LIGHT MY	
ÇKİYALINASI	CHT/G		17			1500	1.3	97	POSSIBLICATION CONTRACT	
CRITILITIES	XALLEY?	12/	13	71505			1.5	7	HORFICLE TURE LYCHING	
CRIDATES:	DIFFERENCE.	72	31.	:::::::::::::::::::::::::::::::::::::	:300	1	Ę	207	HORICU, TURE (GATING	_
CRICULIUSE	മനഭ	· 19/4	33			1960		7	PORTEUTINE LOS PROPERTIES	_
KORINGULINASE	LIGHTING		75	ाः ग्रह्म स्टब्स			76	207	HCRICUTURE CONTRO	
CHRICUITARE	LOHINS	197	27		1836	1	-23-	20/	PCRTICULTURE (XHTPA)	
CRITILITIES	Ontro	17/	7			T500		267	ножном тике измінь	•
	TOTAL LOAD PER	PHASE	-	18 000	19 000	18 600	10 K3		54	Π
	MOROGREENS			DATE	10.0	3/15	ANT	·	149.9	2.

ANELE	SOARD SCHED	ULE			PP		LOCATION	MCROGREEN BUILDERS
				MANIAI	NC8	MCO		T SUHFACE
OLTAGE	120/208V-3 PKASI	E 4 WIR	1		X		ThP	F MAN BREAKER
				with oac	UNDBUS	, x	1	
USBAN	O OR AREA SERVED	C8	CIR. NO.	A	B	С	CIR. CA	B USE/AND OR AREA SERVED
		197	-	12000 3403			177	<u> </u>
	₩1	20	. 2.	24/3	18050	ì	1 139	Ri-1
	W1				9156	l	IIV	_
		197	5			1836J 8203	6 30	1
		1:07	7-	1870	ì		19,	}
		197	9	5768	18000	-		
	(P.)		<u> </u>		3158	1	13 P	√
		137	71	'		16639	1 বিজ	계
		- (-)	13	19350	ì	64.78	77 /5	}
		9		8-C8	! 		計111/	1
	(A)				16806]	16 20	Z] 860
		130	17	ł	- हारह	16388711	17 1 1 1 200	/ /
		<i>ν</i> ,		L		\$100	1787/	<u> </u>
		79/	9	14 100 T			F3 19	1
	104	130%	\$103	1	F-7:5	E IN		
	1	1/4		Į	3479	1240)	727	<u> </u>
		257	25	ĺ		5/03	121/2	(i
		10/	25	15977)			4
		80	72			1		
	EP-1	1/		!		!	73-12	<u> </u>
		207	.27			9177	1.52.19	<u> </u>
		-K3-	-51	0	ì	L2	12. Ky	}
		$-\nu$			l	_	135	<u> </u>
		777	-32			1	5-12	1
		187	15-	i	<u> </u>		20	/
		-{3-7	-37	! _i	,		¥ (2)	
		-12		} 5	١		H-1"	′.
		1897	-35]	10)	/ - · · · · · · · · · · · · · · · · · ·
		-	١.,	ł	5		77	} · · · · ·
		<u> </u>					17	<u></u>
	FOTAL LOAD PER	PHASE		113009	110 609	166 209	TOTAL KVA	329 827
	#SUR(X)REENS			DALE	12.0)3-19	ALSPS	915 5 207

PANELB	OARD SCHED	ULE	_		PP1		LOCATION	SECO BUILDING	
VOLTAGE	120/208V-3 PKAS	E4 WIR	Ê	200 VATH GRO	MCB X UND RUS	2.0	-	SURFACE MCB	 - -
USE/AHC	OR AREA SERVED	CB	CIR.	А	9	c	CIR. CS	USSIAND OR AREA SE	ERVED
SHERAL DEFE	rac	17		1,50		ь	17	ASTRICEU TOR	
araya i kan	est)	197	Ξ.	1250	300 800	l	F 17	REFROSERATOR	
RAY PLUGS		197	-5.	l	800		‡‡[>	HODERSHWIS PECOTACLE	
CHECK!		199	7	7869		1		HOWH/HERMORECOTACLE	
ALS HAR		16%	5	- 200	100)	1	HEAVANEEDVACKECGTACLE	
		50	11					HOUSEKEEN AD RECEPTADES	
	REIC	17	13	4977 1800		L:::?	H	SEEGRAND ICPCOXIII	_
		Μ,	!3	1	3975	Ì	139		
		19/	17	,	·	<u>6</u>	17/9/	 	_
		197	19				13/3	 	
		197	31.			}	17.5	1	
		197	2)	,		-	13/2		_
		197	75	3		<u> </u>	13/2		
		197	37		0)		1	
		197	29,	,	· · · · · · · · · · · · · · · · · · ·	3	3, 20		
		197	7317				37 ²⁰	1	
		187	135		0	j	1 30/		
		157	235	,		1 4			_
		17	-57	3		• •	1,5		
			75		2	; †	13/20		_
		797,		· ·			1,5%	1	
	TOTAL COAD PER	FR435		10 977	8 5/7	6 177	TOTAL XVA:	75.731	Г
	MORCOREENS			DATE	ia c	13:19	A/315	71.4	70

PANELB	OARD SCHED	ULE			LP-4		1004	IION	MOROGREENS BUILDING	_
VOLTAGE	120/208V-3 PHAS	E 4 WIR	Ę	MAIN (A) 200 931M GRO	MCS WNO BUS	14,0			SURFACE NF8941X	-
USBAVE	OR AREA S ERVEO	СB	CIR.	Α	е	c	CIR.	C.B	USB'AND OR AREA SE	JAVED
CHATCL DAF	K#1845	**	•	15/0			7	٠٠٠/	HUNTIDA TURE (KARRA)	
CKINDLINE:	G6795	19	3		79N	ì	Ė	19	HCHIROL D.FELGHING	
CATURE TURE	(Feffec)	17	5	'		180-3	-6	97	HORISTORE CONTRAS	
CAUCITE	LICECTING	19/	7	1975			.,.	37	HORPOLLTURE LIGHTERS	
ORIUM TURS	ICHTY'S	17	3.		1850 1850	1		1	HOSTIQUETURE LICHTRES	_
CARTOUR TURE	(YSHIPK)	19/	<u> </u>			1605	1,2	2	найтактия (олго	
OFFICIENCE	XSAMS	1%	-17	1650 1850	i	L VIII.	1.7	207	HOPTICALITY LICHING	
CHICULTURE	XMING.	197	15.		1805 1800]		9	HÇPÎTÎÇILÎ TURE UNHTAS	
ORIGICIUMES	CONFER	787	鬥	,		12:01 19:00	13	20	ALEKTA TOPE OF THE STATE	
CATTCALTURE	Karteig.	[¹⁹⁷ ,	-17	1800			26		I Centulture obstate	
SO EDALLESHI	16	137.	<u></u>		1500		-25		CHANL FELDMACLES	
CV25E(ETAS)	RECEPTACI ES	12				360 360	- 24		HOUSE REPRESENTATION	
		.25				76	<u>"</u>			
			27			Ì	18	9		
] ³ /.	29	<u></u> '		-8	22	\mathcal{T}		
	TOTAL COMPER	PHASE		11100	14400	15.400	TO		41.2	Ţ
	MCROGROENS			DATE	100	315	44.1	25	114.4	20

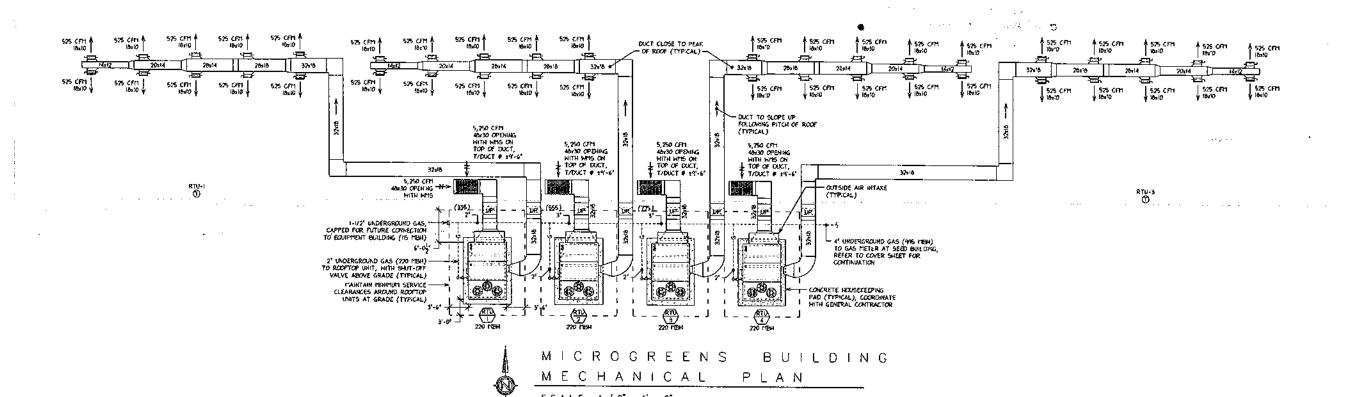
MICROCREEN FARM FOR:
TRINITY FARMS
25815 W. SCOTT RD NORTH BARRINGTON ILLINOIS 60010

2 ☐ A NEYER & PROFESSIONAL ENGINEER

STRUCTURAL &

DATE SEPT 27, 2019 REVISION

303 # SHEET #



PRANCH TAKE OFF FROT TRUNK OF (5'-0') FROT ARR UNEQUAL DEPTH

OH USE SQUARE ELBOH MY
TURNING VANES FOR ABRUPT
ELBORG ABRUPT ELBOH ARE
ALL SQUARED OFF ELBOHS
AND ALL ROUNDED ELBOH MY
A MID RADUS OF LESS THAN
1.5 X OXCT HIDTH

DUCT CONNECTIONS
NOT TO SCALE

							VENT	ILATION	DATA								
roch Name	VENTILATION AREA (50. FT.)	VENTILATION AREA (CU, FT.)	OCCUPANT OBSSITY PEOPLE PER 1,000 SO. FT.	NUMBER OF PEOPLE	CUTSIDE A'R CFM PER PERSON	PEOPLE OUTSIDE AIR CFM	AREA CUTDOOR AIR CRIVSO, FT.	AREA CUTIDOOR AIR CFH	CUTDOOR AIR CHANGE PER HOUR RATE	OUTDOOR ACH CFM	TOTAL OUTSIDE AIR CFIT	EXHAUST AIRFLON RATE CFM/SQ. FT.		ACTUAL SUPPLY AIR CFM	ACTUAL RETURN AIR CFM	actual exhaust air cff:	EQUIPHEM
MICROGREENS BUILDING	12,161	152,013	-	5	5	25	-	-	0.30	760	785		-	21,000	21,000	-	RT-1, RT-2, RT-3, RT-
PACKAGING	2,134	26,675		2	5	ig.			030	133	943			930	430	··· .	RT-5
STALL SEED ROOM	2%	3,700			5	5	-	_	0.30	19	24			140		- <u>-</u> -	
LARGE SEED ROOT	3,609	45,1(3	-	7	5	ıo	.		030	724	234		-	1,955	1,445	<u> </u>	RT-5
TOTAL											1,166		-	23,625	23,625		- R1-3

NOTE: VENTILATION REQUIREMENTS BASED ON 2015 INTERNATIONAL MECHANICAL CODE.

					_			R	OOF 1	OP	AIR	COI	NDI	LION	llNC	5	CH	EDI	IJL	Ε	₹								
UNIT TAG	AREA SERVED	SUPP	LY FA	N PE	RFORE	WKE		HEATI	NG CAPA	CITY	MEIGHT (LBS)		c	OXING	CAPA	CITY			FILT	ſ€R		ELEC SE	TRYCA RVICE	L	£	FICIENC RATING	Υ	REV	ARKS
		TOTAL CFH	A:	R I	RPM	£9P	FAN		Hao ma Press			NOM. TONS	סני מי	SIGN BH	I COIL	LING ENT.	COL	UNG LVG.		FICIENCY				j					
			(Fn	*		H.C.	В⊷Р	5.59 1935 1935 1935 1935 1935 1935 1935 19	#1/1/24 #1/1/24	AIR TEMP, RISE			TOTAL	SEVES. MEH	D.B.	W.B.	0.8	; W.B.	TPE	EFFICE	va.ts	PH I	fiça	roce	5EER	EER	IEER	BASED OF	
7, 3, 4	M'CROGREDIS BUILDING	5,250	200	4	-	0.75		178/142	220/176	65	2,100	15	153.6	144.3	78.3	4 1,5	52.3		\Box	\neg		3		90	-	H,5	13.0	48HCDOIT	03
5	SEED BUILDING	2,675	425	16	-	0,75		146/%	180/120	65	1,400	7.5	72.1	57.5	76.9	66.9	56.1	54,9	TA	30	208	3	41.5	50	-	12.0	13.8	48HCED08	①3

ROOFTOP UNIT COUNTED ON 12' INSULATED ROOF CUBB AT GRADE - COORDINATE CONCRETE HOUSEKEEPING PAD HITH GENERAL CONTRACTOR HORIZONTAL SUPPLY AND RETURN AIR DISCHARGE, ASMRAE 90.1 CONFERSOR CYCLE DELAY, ECONOMIZER HITH BARCHETING RELIEF, THO SPEED MODOR FAN, THO STAGES OF LOCALING, TO DAT PROCRAMMARE THERMOSTAT CAPABLE OF CONTRACTUR OF HEAT AND THO STAGES OF COCUMB HITH THO HOUR OCCUPANT OVERFICE, PROVIDE INSULATED BACKPLATE FOR HOUNTING OT THERMOSTAT ON EXTERIOR HALL, HEDIRT STATC MOTOR, PROVIDE 3/4' SCHEDULE 40 PYC PIPING HITH P-TRAP/CLEANOUT FOR CONDONATE TO SPILL TO GRADE

(2) SYSTEM DESIGNED FOR 447 I 40% RELATIVE MUNIDITY. (3) SYSTEM DESIGNED FOR 75% I SON RELATIVE HUMIDITY.

JOSEPHA, MEYER
STRUCTURAL & PROFESSIONAL ENGINEER
135 PARK AVE. BARRINGTON ILLINOIS 60010 847-382-0200

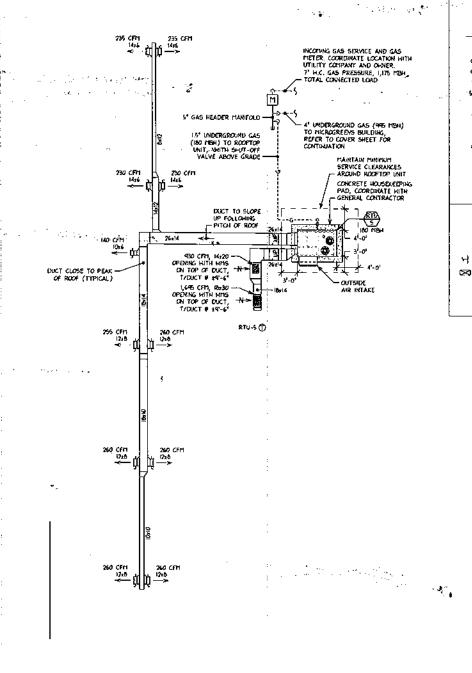
MICROGREEN FARM FOR:

TRINITY FARM. S
25815 W. SCOTT RD NORTH BARRINGTON ILLINOIS 6

DATE SEPT 27, 2019 REVISION

SHEEJ #

M 1



SYMBOLS & ABBREVIATIONS

EQUIPMENT LABOL

SUPPLY GRILLE

RETURN OPENING

THERMOSTAT

THERTOSTAT

NEW SUPPLYRETURN/DHAUST DUCT

VOLUNE DATIPER

PPE DN

PIPE UP

O— PIPE UP
1000 DIKET SIZE
50 CFT1 MR QUANTITY
AP ACCESS PAIGL

COND CONDENSATE
G GAS
AR NO REQUIREMENT
N.T.S. NOT TO SCALE
PER PRANDS PER CUBIC FOOT

RTU ROOFTOP WHIT

V.I.F. VER.FY IN FISLID

WITS WIRE MESH SCREEN

AIR DEVICE SCHEDULE

SUPPLY REGISTER, DOUBLE DER ECTION, STEEL CONSTRUCTION, OPPOSED BLADE DATES, IN ALL DATES, FROM BLADES PARALLEL TO LOSS DIFFUSION, ARCHITECT TO SELECT COURF, PROVIDE A SOLARE TO ROUND TRANSITION, VERFY BORDER/PLOOMING HITH ARCHITECT, TITUS MODEL 300RL

REFER TO PLANS FOR SIZES.

MECHANICAL STANDARDS

 ALL DUCT SIZES NOTED ON DRAMINGS REFER TO ACTUAL AIRGUAY SIZES (SOUND LINING AND/OR INSULATION IS NOT INCLUDED).

 ALL DIXT COVERINGS AND LININGS SHALL HAVE A FLAME SPREAD RATINGS NOT TO EXCEED 25 AND A SMOKE DEVELOPMENT RATING NOT MORE THAN 50.

 COORDINATE ALL FINAL LOCATIONS OF SUPPLY AIR DIFFUSERS, RELIEF AIR GRILLES, THERTOSTATS, SENSORS, ETC. HITH ARCHITECT AND ARCHITECTURAL REFLECTED CEILING PLAYS.

4" HECHANICAL CONTRACTOR TO COORDINATE HITH ALL OTHER TRADES INVOLVED, ALL NORK HIKCH IS IN THE CELLING SPACE AS INDICATED ON THE DRAWINGS INTROCT CONFLICT-AND TO RESPONSE NORK TO AVOID CONFLICTS AND COSTRUCTIONS AS RECESSARY AND AS RECURED.

 ALL DXCTS PONETRATING FULL HEIGHT WALLS ABOVE CEILING SHALL BE SEALED TO MITHIN 1/8" OF DICT WITH HALL MATERIAL ON EACH SHDE OF WALL.

 COORDINATE ALL ROOF PENETRATIONS, ROOF CURB DETAILS, ROOF SUPPORTS FOR EQUIPMENT WITH ARCHITECT, STRUCTURAL AND GENERAL CONTRACTOR.

 COORDINATE EXACT LOCATIONS OF TEMPERATURE SENSORS FOR HAVAC EQUIPMENT WITH FINAL INTERIOR DESIGNARCHITECTURAL DRAWINGS.

8. ALL ROOM THERMOSTATS AND HALL SHITCHES FOR CEILING ECHANIST FANS SHALL BE LOCATED 45° A.F.F. OR TO MATCH ARCHITECTURAL REQUIREMENTS.

 DUCT CONSTRUCTION AND INSTALLATION SHALL COMPLY HITM CURRENT SHACKA STANDARDS, DUCTS SHALL BE CONSTRUCTED OF GALVANIZED SHEET STEEL.

10. ALL INSULATION TO MEST THE LATEST ENERGY CODE REQUIREMENTS, PROVIDE 2 "THICK ENTERNAL DUCT WARP FOR FUXE-UP AIR DUCTHORS, PROVIDE 1-1/2" THICK INTERNAL SCUID UNING FOR INTERIOR RECTANGULAR SUPPLY AND RETURN AIR DUCTHORS, PROVIDE 2" THICK DUCT WARP FOR ALL CONCEALED ROUND SUPPLY AND RETURN AIR DUCTHORS.

II. ALL CONSTRUCTION DOCUMENTS, INSTALLATION PHANUALS, HAMPACTURERS CATALOG CUTSHEETS ARE TO BE SUBHITTED TO THE BUILDING DEPARTMENT AND TO BE PROVIDED AT THIS OF INSPECTIONS. ALL MATERIALS AND EQUIPMENT ARE TO BE LISTED AND LABELED AND SUITABLE FOR USS.

 FIRE CAULK ALL DUCT SYSTEMS WHICH PENETRATE THROUGH FIRE RESISTANCE RATED WALLS, PARTITIONS, FLOORS, OR CELLINGS TO MAINTAIN I HOUR RATING.

 HVAC SYSTEMS SHALL BE BALAKED ACCORDING TO HVAC PLASS AND SCHEDULES, SUBPLY MRITTER REPORT TO BUILDING DEPARTHENT.

M. INSTALL ALL EQUIPMENT AND ASSOCIATED MATERIALS AND ACCESSORIES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

15. ELECTRICAL CONTRACTOR SHALL FURNISH SMOKE DETECTOR, HECOMHICAL CONTRACTOR SHALL INSTALL SMOKE DIFFECTOR HE HE SETTING ARE DIFFECTOR OF R 2,000 CM; HARMS PROJUDED BY ELECTRICAL CONTRACTOR, SMOKE DIFFECTORS SHALL SHAT DOWN FAN UPON DETECTION OF SMOKE.

16. FIELD VERIFY THAT THE FRESH AIR INTAKE IS A MINIMUM OF IN FROM ANY HAZARDOUS OR NOMOUS CONTAMINANTS, SIXCH AS VENTS, CHIPWETS, AND PLUMBHING VENTS.

17. DUCT JOINTS, SEATS AND CONNECTIONS SHALL BE SECURELY FASTENED AND SEALED HITH TAPE AND/OR HAST'S LABELED AS IN WAI (RIGID DUCTS) OR UL IN'D (FLEX'BLE DUCTS), DUCT TAPE IS NOT PERMITTED.

18. RGID DUCTS SHALL BE SUPPORTED HITH APPROVED HANGERS THAT ARE SPACED AT NO HORE THAN '0'-0'. FLXIBLE DUCTS SHALL BE SUPPORTED IN ACCORDANCE HITH THE HANDFACTURER

WITH THE THEORY ALTUNER

GAS PIPING INTIES,
GAS PIPING SYSTEM SHALL INCLUDE SHATOFF COCKS, GAS
PIPING FOR ROOFTOP UNITS, HETERS, VENTS, SLEEVES,
DRAINS, DIRT LEGS, PRY, ETC., AS REQUIRED SCHEDULE 40
BLACK IRON GAS PIPING FOR DISTRIBUTION 25' AND SHALLER
PIPING SHALL BE THREADED AND 3' AND LARGER PIPING
SHALL 6E HELDED. DITERIOR PIPING SHALL BE CLEAMED AND
GIVEN ONE COAT OR ROOFT-BANBTING PRYTER AND ONE COAT
OF BLACK FINISH PAINT, OR COCKE AS REQUIRED BY THE
VILLAGE OF HOTH BARRINGTON, PROVIDE PIPING LAYOUT
HITH ATTHE 40 DEGREE ELDON LEGS FOR PIPING HEXDILITY
TO TAKE CARE OF PIPE EXPANSION, PROVIDE GAS PIPING
SUPPORTS AS REGUIRED BY THE INTERNATIONAL FUEL GAS
CODE

BUILDING CODES:

ALL CONSTRUCTION SHALL COPPLY WITH THE VILLAGE OF NORTH BARRINGTON ADDITION BUILDING CODES AND ORDMANCES AND LOCAL ATENDMENTS:

2012 INTERNATIONAL BUILDING CODE
2012 INTERNATIONAL RESIDENTIAL CODE
2013 INTERNATIONAL RESIDENTIAL CODE
2013 INTERNATIONAL RESIDENTIAL CODE
2013 INTERNATIONAL PIEL GAS CODE
2014 INTERNATIONAL ELECTRIC CODE
2014 INTERNATIONAL ELECTRIC CODE
2014 ILLINOIS PLUTBING CODE
2014 ILLINOIS PLUTBING CODE
1917 ILLINOIS ACCESSIBILITY CODE
1917 ILLINOIS ACCESSIBILITY CODE

JOSEPH A. MEYER STRUCTURAL & PROFESSIONAL ENGINEER 5 PARK AVE. BARRINGTON :LLINOIS 60010 847-382-0200

MICROGREEN FARM FOR:

TRINITY FARM S
25815 W. SCOTT RO NORTH BARRINGTON ILLINOIS 6001

DATE SEPT 27, 2019 REVISION

708 #

SHEET #

0

Commence of the second second

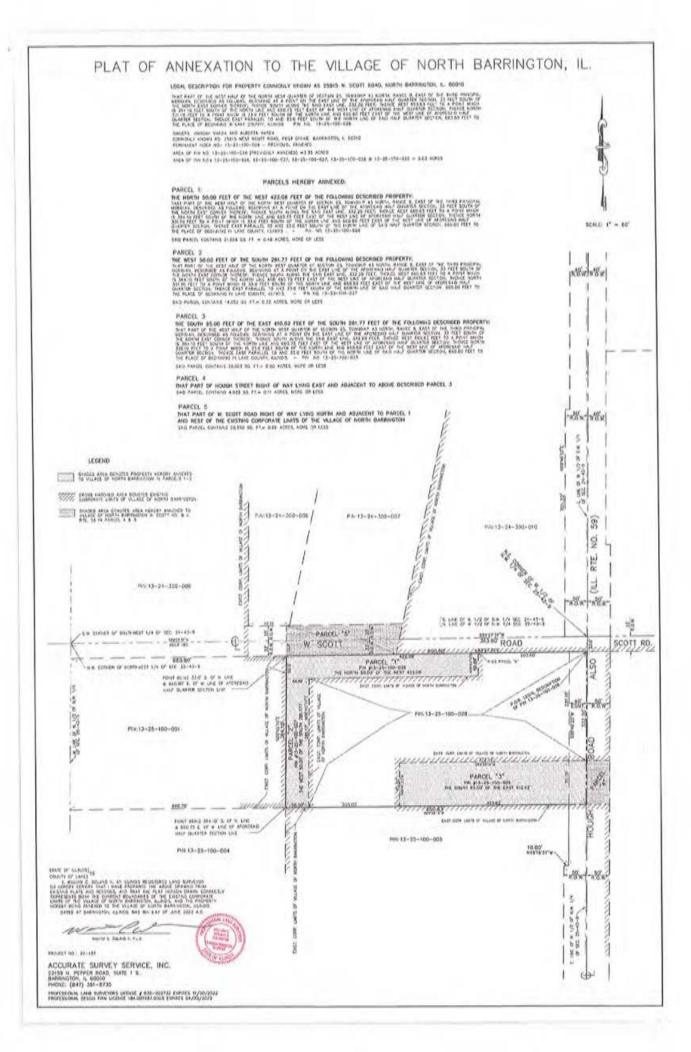
Track you way

ere en

SEED BUILDING MECHANICAL PLAN

S C A L E 1 / 8" = 1' - 0"

PLAT OF ANNEXATION



ORDINANCE TO AMEND CODE

VILLAGE OF NORTH BARRINGTON ORDINANCE NO. _____

AN ORDINANCE TO AMEND CHAPTER 10 OF THE VILLAGE CODE TO ADD INDOOR FARM HORTICULTURAL OPERATIONS AS A SPECIAL USE WITHIN THE R-1 ZONING DISTRICT

WHEREAS, with the development of innovative indoor agricultural production practices in nontraditional urban settings, including indoor farm horticultural operations, the Village would like to update Chapter 10 of the Village Code (the "Zoning Code") to permit this use as a special use within the Village; and,

WHEREAS, the Village would like to amend the Zoning Code to permit indoor farm horticultural operations within the Village, in which vegetables, herbs, fruits, flowers, other plants and vermiculture can be cultivated within the Village; and,

WHEREAS, such operations would be limited to completely enclosed buildings or greenhouses to (1) secure the space and provide a controlled environment, (2) protect against harsh weather conditions and allow year-round operation, (3) reduce water usage, (4) eliminate site runoff, and (5) keep pollutants, such as fertilizers, from entering the groundwater and soil; and,

WHEREAS, at its ______, 2022 meeting, the Village Planning Commission reviewed this Ordinance and recommended the proposed amendments to the Zoning Code contained in this Ordinance; and,

WHEREAS, Village Board deems it appropriate to amend the Zoning Code to (1) define indoor farm horticultural operations and related terminology, (2) permit such operations as a special use within the R-1 zoning district, and (3) establish operational regulations and parking requirements for such operations.

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of North Barrington, Lake County, Illinois, as follows:

SECTION 1: Title 10 of the Village Code is hereby amended by amending Section 10-7-2 thereof by adding the underlined language to read as follows: (single underlines, denote inserted language and strikethroughs, denote deleted language):

10-7-2: SPECIAL USES ENUMERATED:

The following uses shall be special uses:

A. Cellular, personal wireless communications services (PCS) and other wireless telecommunications service facilities in the R-1 district; provided, that such facilities shall be a permitted zoning use when located on Village Hall site if, at the time of placement of any such facility, there are no existing primary residential structures within

a radius of one and three-tenths (1.3) times the height of any proposed antenna or tower and, notwithstanding any other provisions of this code or of this title, in no event less than two hundred twenty five feet (225') as measured from the point of installation and that said facilities, whether located in the R-1 district or on Village Hall site, shall comply with the provisions of title 3, chapter 5 of this code.

- B. Churches.
- C. Golf clubs pursuant to sections 10-6-8 and 10-6-9 of this title.
- D. Indoor farm horticultural operations pursuant to Sections 10-7-10 et. seq., but only in R-1 district.
- E. Parks, playgrounds and forest preserves publicly owned and operated.
- F. Planned developments described in chapter 8 of this title.
- G. Publicly owned libraries.
- H. Schools, public and private, elementary and high, nonboarding and including playgrounds and athletic fields incidental thereto.
- Trailers and mobile homes designed, equipped and installed for use as a permanent residence, but only in an R-3 district.
- J. Village Hall, Village garages, parking areas, storage buildings, other Village facilities, and uses appurtenant to any of the foregoing uses; also buildings or structures and parking areas for use by any other public body, and uses appurtenant to any of the foregoing uses. (1977 Code § ZR-6-2; amd. Ord. 818, 10-25-1999)

SECTION 2: Title 10 of the Village Code is hereby amended by adding Sections 10-7-10 through 10-7-13, which shall read as follows:

10-7-10 Definitions. Indoor Farm Horticultural Operations and Related Terms:

- A. Indoor farm horticultural operation means a farm operation that grows and cultivates vegetables, herbs, fruits, flowers, other plants and vermiculture, which are not deemed illegal to grow, possess, or distribute under federal or Illinois law. The operation must take place wholly within completely enclosed buildings or greenhouses, in a manner that does not create, emit, or discharge noxious or offensive odors. These operations include plant nurseries, hydroponic farms, and vertical farms.
- B. Greenhouse means a permanent structure made of glass, plastic, steel or fiberglass, in which plants may be cultivated year-round under controlled temperature and humidity settings.

- C. Hydroponic means a method in which plants are propagated using a mechanical system designed to circulate a solution of nutrients in a water solvent.
- D. Hydroponic farm means an operation that grows plants using hydroponic growing methods.
- E. Plant nursery means an operation where plants are grown and propagated.
- F. Vertical farm means an operation that grows plants in vertically stacked layers.
- G. Vermiculture means the breeding of any species of earthworms in organic waste media, which produces incidental amounts of vermicompost.

10-7-11 Indoor Farm Horticultural Operations Ancillary to Farm Residence

- A. All Special Use Indoor Farm Horticultural Operations are ancillary to a farm residence. No ancillary indoor farm horticultural buildings shall be located on a lot not containing a principal farm residence. If a principal farm residence on a lot is removed any ancillary buildings on the lot must be removed within one year to make the premises compliant with this code.
- B. Not more than three assessor indoor farm horticultural buildings shall be located on a single lot with a maximum square footage of all accessory buildings not to exceed an aggregate square footage limit, calculated at a rate of 5,000 square feet per acre based on the total acreage of a single lot.

10-7-12 Indoor Farm Horticultural Operation Limitations

All Special Use Permits issued to allow indoor farm horticultural operations are required to comply with the following standards, which shall be addressed and set forth within any Special Use Ordinances granted under this Chapter:

- A. Dust, Fumes, Vapors, Gases and Other Forms of Air Pollution. No emission shall be permitted that can cause damage to health or property caused by excessive emissions released into the air.
- B. Exterior Illumination of buildings and open areas shall be subject to the provisions of the Village Code, but in no event shall the light exceed 0.0 Footcandles at any point along the front, rear, or side property line. Exterior lighting must be designed to prevent light pollution including the following components: glare, skyglow, light trespass, or clutter when viewed from adjoining properties or a public street.
- C. Liquids, Solid Waste and Wastewater Treatment Systems (Septic Systems). No waste shall be discharge into the streets, drainageways or on property creating danger to the public, health and safety. All Wastewater Treatment Systems (Septic Systems) shall be designed, constructed, and maintained in accordance with the provisions of the Village

and Lake County Codes.

- D. Noise. The sound level of from any operations shall not exceed the limits permitted by Illinois State Statute.
- E. Odor. Emission of gases or other odors shall not be permitted in such quantities as to be offensive to owners or occupants of adjoining property or in such a manner as to create a nuisance or hazard beyond the property lines.
- F. Heavy Machinery. The use of heavy machinery weighing five tons or greater is prohibited.

10-7-13 Maximum number of Accessory Parking Spaces.

The total number of accessory parking spaces permitted pursuant to a Special Use Permit for indoor farm horticultural operations shall not exceed one parking space for each 2,000 square feet of indoor floor area devoted to the special use of indoor farm horticultural operations. When determining the number of accessory parking spaces allowed under this provision, if a calculation of total permitted spaces result in a fractional space, any fraction of 1/2 or less shall be disregarded while a fraction in excess of 1/2 shall be counted as one permitted accessory parking space.

SECTION 3: If any section, paragraph, subdivision, clause, sentence or provision of this Ordinance shall be adjudged by any Court of competent jurisdiction to be invalid, such judgment shall not affect, impair, invalidate or nullify the remainder thereof, which remainder shall remain and continue in full force and effect.

SECTION 4: All ordinances or parts of ordinances in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 5: This Ordinance shall be in full force and effect from and after its passage and approval in the manner provided by law.

Passed this	_ day of	2022 by roll call vote as follows:		
	Ayes	<u>Nays</u>	Absent	<u>Abstain</u>
Trustee Kevin Horcher				
Trustee Robin R. Kelleher			-	
Trustee Vanessa G. Kerrigan Trustee Martin Pais				
Trustee Greg Rogus				
Trustee Lawrence Weiner			*******	
President Sweet McDonnell		***************************************		
	APPROV	ED THIS I	DAY OF	2022.

	Eleanor Sweet McDonnell, Village President	lent
(SEAL)		
ATTEST:	Village Clerk or Deputy Clerk	
Published:	, 2022	

$\underline{\textbf{CERTIFICATION}}$

	reby certify that I am the duly elected, acting and ngton, Lake County, Illinois, and that as such Clerk, d proceedings of the President and Board of Trustees
of North Barrington, held on the day of "AN ORDINANCE TO AMEND CHAINDOOR FARM HORTICULTURAL OTHE R-1 ZONING DISTRICT", as duly property of the control	of the President and Board of Trustees of the Village of 2022, the foregoing Ordinance entitled PTER 10 OF THE VILLAGE CODE TO ADD OPERATIONS AS A SPECIAL USE WITHIN bassed by the President and Board of Trustees of the North Barrington.
thereof, was prepared, and a copy of succommencing on the day of	including the Ordinance and a cover sheet of Ordinance was available in the Village Hall, 2022, and will continue for at least 10 days thereafter. For public inspection upon request in the office of the
•	of which the attached is a true and correct copy, is or safekeeping, and that I am the lawful custodian and
Given under my hand and seal of2022.	the Village of North Barrington this day of
	Village Clerk or Deputy Clerk Village of North Barrington, Lake County, Illinois

AFFIDAVIT OF COMPLIANCE

STATE OF ILLINOIS COUNTY OF LAKE

Planning Commission Case: Varda, 25815 W. Scott Road, North Barrington, IL 60010

AFFIDAVIT OF COMPLIANCE FOR WRITTEN NOTIFICATION AND SIGN POSTING

The undersigned, being duly sworn on oath deposes and states as follows:

A. That a copy of the legal notice, attached hereto as Exhibit A, was served by mail to all person(s) listed in Exhibit B attached hereto, in accordance with the procedures of the Village of North Barrington. Said mailing being post marked on June 29th, 2022.

B. That the posting requirements of the Village of North Barrington have been complied with by placing the required public notice sign on the subject property on June 24th, 2022

OFFICIAL SEAL SUZANNE E MURDY NOTARY PUBLIC, STATE OF ILLINOIS My Commission Expires 7/20/25

Print Name: John A. Lobaito

Subscribed and Sworn to me before

This 30th day of June, 2022

EXHIBIT A

NOTICE OF A PUBLIC HEARING VILLAGE OF NORTH BARRINGTON 111 OLD BARRINGTON ROAD

Notice is hereby given that the Plan Commission of the Village of North Barrington, Lake County, Illinois will hold a Public Hearing, Monday, July 11, 2022 at 7:30 P.M., at the North Barrington Village Hall, 111 Old Barrington Road, North Barrington, Illinois to consider the petition of Ammunnouel and Anoosh Varda for a Zoning Map Amendment to rezone an approximately 4.43 acre parcel from R-1 Single Family Residential to R-1 Single Family Residential with Special Use for an Indoor Farm Horticultural Operations and such other relief as may be necessary to accomplish the applicants development plan.

The subject property is located at the southwest corner of IL Route 59 and Scott Road intersection with the street address of 25885 W. Scott Road, North Barrington, IL 60010.

Property Index Number (PIN): 1325100026; 1325100028; 1325100029

The Plan Commission may also consider such other relief as may be necessary or desirable in connection with the application. Said petition and request is on file and available for examination at the Administrative Offices at the North Barrington Village Hall, 111 Old Barrington Road, North Barrington.

All persons interested are invited to attend said hearing and be heard. The public hearing may be continued to another date, time, and place without the publication or delivery of another notice such as this one.

Dated: June 20, 2022

John Lobaito
Village Administrator
VILLAGE OF NORTH BARRINGTON

LIST OF SURROUNDING OWNERS NOTIFIED EXHIBIT B

NAME	ADDRESS
Gerald F. and Robin T. Celano	21900 N. II. Route 59 North Barrington, II. 60010
Grant R. Born Trust and Kristin R. Born Trust	25810 Cresthill Dr., North Barrington, IL: 60010
Rick A. Damato and Dean C. Miller	25890 Cresthill Dr., North Barrington, IL. 60010
Gumulak, Krzysztof and Krystyna	21837 N. IL. Route 59, North Barrington, IL 60010
Jack Leya, Trustec	25597 W. Scott Road, North Barrington, IL 60010
Old Barrington Road, LLC	4601 Garden Point Trl., Wellington, FL 33414
Miroslaw and Malgorzata Dobrowolski TTEES	25679 W. Scott Road, North Barrington, IL 60010
Mauro Passarelli	25848 W. Scott Road, North Barrington, IL 60010
Clancy M. Potts and Michael Hayes	25886 W. Scott Road, North Barrington, IL 60010
Jaroslaw and Krzysztof Iciek	22032 N. II. Route 59, North Barrington, IL 60010
Waseem Hashlamoun	4617 N. Kedzie Ave., Chicago, II. 60625- 4404