

**RISING GOAT LIMITED**  
**ADDENDUM #1 TO CANNABIS CULTIVATION APPLICATION**  
**Cannabis Application #PLN-2020-16188**  
**APN #223-101-004**  
**1400 ROSS ROAD; GARBERVILLE, CA 95542**

The following comments and changes relate directly to the first set of corrections and questions posed by Megan Ryan and Cliff Johnson:

First and foremost, the review omits the fact that this is a Three Phase project. Year 2020 is 10,000 square feet, Year 2021 is 15,000 square feet and Year 2022 is 18,000 square feet.

1. Legal documentation and proof of ownership, showing the officers, directors, owners and stockholders Rising Goat Limited is shown in Exhibit A, which includes copies of the ownership and authority documents filed with the County of Humboldt and the Secretary of State of the State of California.

2. Ecological matters will be submitted directly by Natural Resources Company of Eureka, CA

3. Road Evaluation report will also be submitted by Natural Resources Company of Eureka, CA. Ross Road is not a two lane paved road, nor is the County road known as Dyerville Loop.

The County of Humboldt maintains the gravel road known as Dyerville Loop. Ross Road is maintained by a private homeowners association. Both are graveled and well maintained. A non-toxic galvanized culvert is used at the lowest point of Ross Road, between Dyerville Loop and the Cultivation site. Ross Road is approximately 30' wide and adequate for the three (3) cars and two (2) trucks that will be on that road to service the cultivation site twice (2x) per year. Currently, three (3) cars have traveled Ross Road to the cultivation site for at least one (1) decade. There will not be additional vehicles placed on Ross Road as a result of the cultivation site becoming a legal operation.

Property owners request that the County Planning Department please advise them as soon as possible if it is necessary to seek a Use Permit waiving portions of the requirements for the Ross Road access namely the Code requirement for a two (2) lane paved road.

4. No timberland conversion permits were obtained by the numerous prior owners of the property that the current owners are aware of. This timberland conversion issue will also be addressed in a complete timberland conversion. Please note on the phased plans that all open sites and areas of timberland conversion will be replanted with native grasses and the plan will show the location for eight (8) white oak trees (a native species) of 15 gallon container per tree. The additional ordinance requirements will be met by Natural Resources.

5. Discussion with Cliff Johnson and the site visit will resolve this apparent error in estimation of slope percentage of steepness, because the actual slope of the entire cultivation area is between 5%-6%.

6. The well information is provided on page 11 with the County Permit #DEH 16/17-0123. Discussion with Cliff Johnson revealed that the drilling well logs are already filed in the County well permit files on microfiche.

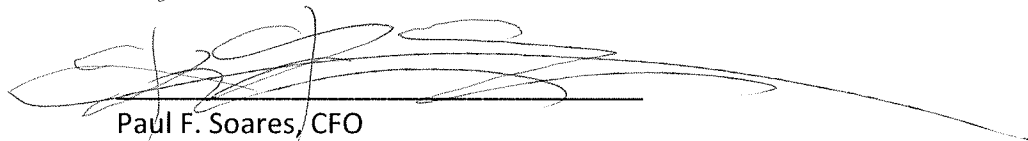
7. The documents filed with the State of California Water Resources Board are held by Natural Resources and will be delivered directly to the County.

- 8.
- (a) The entire parcel map with a pull out of the cultivation site is submitted herewith along with the changes necessary and additional notes on the plans.
  - (b) It is true that the septic location is different on each sheet. Please note that each sheet represents the phases of the cultivation site. The existing septic tank was installed by prior owners without County permit. Therefore the current owners will be removing the existing septic tank (obviously fulfilling any of the County mitigation procedures) and placing the new one in a different location in subsequent phase(s)
  - (c) Ross Road and Dyerville Loop are noted on plans. Please review.
  - (d) Please note any creeks and wetlands noted on the plans. Please review.
  - (e) Setbacks from parcel lines have been noted on the attached.  
Existing Buildings are all shown on the plan labeled Year 2020.  
Proposed structures are shown on plans labeled Year 2021 and 2022.  
Cultivation area is shown on the plans. Please review.  
Please also see the addition of the insert on plans showing location of cultivation site on the parcel.
  - (f) Location of all water tanks and their sizes are shown on the revised plan attached and also were previously noted on page 11 of the original submission. Please note that number of tanks and their storage capacity is corrected to the following numbers:  
Four (4) three thousand gallon (3,000 gal) tanks; and, One (1) two thousand five hundred gallon (2,500 gal.) water tank. Additionally, in order to fulfill the requirements of the California Division of Forestry water tank(s) totaling five thousand gallons (5,000) of dedicated water for firefighting.
  - (g) See submission by Natural Resources. Any past changes to timberland area or grasslands were done by prior owners and current owners are willing to mitigate as required by the County Cannabis Board and the Planning Department.
  - (h) Parking is addressed in the plot plan submitted herewith and the number of spaces needed is three (3).
  - (i) All distances required by the ordinance have been noted and are accurate on the plot plan submitted herewith.  
No offsite neighboring residences are within three hundred feet (300') of the cultivation site.  
Please review aerial photographs.
- 9.
- (a) Activity schedule is attached hereto and should be attached to the submittal as Exhibit F.
  - (b) Non-renewable Energy, Paragraph, Page 8 of original submission with these changes
    - Generator will provide 20%
    - Solar panels and system will provide 80% of power needs
  - (c) A native crawling plant is the only invasive species on the cultivation site and covers an area of approximately two hundred square feet (200'). Diverse wildlife eat the berries, including songbirds, deer, bear, and other large and small mammals. It is of notable pollinator and nesting material value for native bee and bumble bee species.<sup>[6]</sup> This blackberry species is a larval food source for the western tiger swallowtail butterfly (*Papilio rutulus*), the mourning cloak butterfly (*Nymphalis antiopa*), the gray hairstreak butterfly (*Strymon melinus*), and the spring azure butterfly (*Celastrina ladon*).<sup>[13]</sup> Native Americans, such as the Kumeyaay, Maidu, Pomo and Salish peoples, used *Rubus ursinus* as a fresh and dried fruit source and as a traditional medicinal plant.
  - (d) Native soils are not planned to be used for anything. Imported soils will never be dumped on the native soils. Please note on revised plan attached where the imported soil will be stored with protective barriers so that there is not any runoff and a non-permeable layer under the storage area in order to protect the native soils.

(e) The matter of employees (none) and others who will be present on the cultivation site has been addressed in the original submission at Page 2, final paragraph at bottom and on Page 3, top paragraph.

Thank you for your further consideration and review.

Dated. March 3, 2020

  
\_\_\_\_\_  
Ryan Parker, CEO  
\_\_\_\_\_  
Paul F. Soares, CFO

**RISING GOAT LIMITED**

(a California corporation)

**CANNABIS CULTIVATION AND OPERATIONS PLAN**

**1400 ROSS ROAD**

**GARBERVILLE, CALIFORNIA**

**APN #223-101-004**

# Index

<b>Section</b>	<b>Page</b>
A. Introduction	1
B. Site	4
C. Past Cultivation	6
D. Energy Consumption	8
E. Security & Safety	9
F. Water	11
G. Cal Fire	16
H. Waste Water Drainage & Runoff	18
I. Fertilizer, Pesticides, Regulated Products	20

## Exhibits

- A Proof of Ownership**
- B Assessors Parcel Map, noting County and Private Road accesses.**
- C Ross Road Maintenance agreement**
- D Photographs**
- E WhisperWatt Generator Specs**

## A. INTRODUCTION

The property, consisting of approximately 22 acres and that is the subject of this application was acquired by “Rising Goat Limited” on July 2, 2019. Rising Goat Limited is owned by *Ryan C. Parker and Mitchell A. Leffel, who are the sole stockholders*. Mr. Parker, Mr. Leffel and Paul F. Soares are the sole officers and directors.

Over the past several years, various departments of Humboldt County have seen many differing proposals for the conversion to legal cultivation on this property. This proposal is simpler, more environmentally friendly, addresses required corrections and concerns that the County had made in applications made by past owners of the property.

*Rising Goat Limited proposes:*

- the project is proposed in *three (3) phases of increasing cultivation area over a period of three (3) years*, instead of the maximum cultivation acreage to be planted in a short period of months:

2020 – 10,000 square feet – outdoor hoop tents – no lighting
2021 - 15,000 square feet – 50% outdoor hoop tent – 50% mixed light
2022 18,000 square feet – 100% mixed light

with the final total of 18,000 square feet, which is substantially less than a prior proposal for 43,560’;and,

- *there is not any cultivation proposed on the northwest portion of the property*, which is an area above the Dean Creek Watershed. Any potential concern caused by past proposals that would produce above or near to the watershed on this portion of the property are eliminated<sup>1</sup>; and,
- all appurtenant structures are either *demolished or permitted*; and,
- *the cultivation area is clustered* on less than a one and three quarter acre area (1.75 ac) of the twenty two acre (22+ ac) property; and,

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<sup>1</sup> Potential runoff from the other parcel that is across Ross Road from the cultivation site is equally eliminated in the drainage plan proposed herein.

- the cultivation area is entirely located on a mostly flat plateau and *not visible to other neighbors*; and,
- *no nursery, no manufacturing and no processing is proposed<sup>2</sup>, which eliminates the related traffic, water and sewage needs of employees* ; and,
- *no new native soils disruption* is anticipated as the farming method employed is growing in large pots placed upon waterproof floors as well as the use of the existing plateau; and,
- *all soils in pots is reused* in subsequent crops eliminating the need for disposal after each crop; and,
- state of the art *whisper generator combined with solar energy* achieves a minimum of decibels of sound for concern on property and no concern for sound that might have traveled to neighbors; and,
- state of the art glass *greenhouses using covers that will block 100% of risk of light pollution* at night and will totally replace the conventional hoop tents over the phase in period; and,
- *a new facility for drying and trimming* will be built, and permitted, and that complies with building codes and that meets both County and State Health Codes; and,
- *Existing 3 bedroom home, without permit, will be demolished* eliminating a fire danger, excessive water use and related sewage needs; and,
- All new buildings will have slant roofs with gutters that put *rain water flow from roofs into water collection tanks* decreasing some of the water use from springs and the aquifer.

This proposal provides a substantial improvement for a previously abused and sub-standard property that grew unlicensed cannabis for decades. An area of Ross Road as intersected by Dyersville Loop will now have a five thousand gallon (5,000 gal) tank for fire fighting and large T shape turnaround for fire vehicles, which is an improvement that contributes to the health and safety of the entire Ross Road neighborhood, where several elderly people reside.

The owners are two (2) families, who are also the sole operators, and cultivation is by a family owned business. At no time shall operations utilize the service of employees. Therefore, the applicant is exempt from MCRSA Section 19322(a)(6),(a)(9) and is not an “Agricultural

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<sup>2</sup> With the exception of drying and trimming of harvested cannabis.

Employer.”



## B. SITE

1. The property is located at 1400 Ross Road on APN #223-101-004 on Mail Ridge near to, but many miles outside of the city limits of Garberville, Redway and Alderpoint in Humboldt County, California.

2. The *cultivation site* is accessed on Ross Road, which is a private road intersecting Dyerville Loop Road, which is a county maintained road. The recorded Road Maintenance Agreement for Ross Road is attached as Exhibit C. The Board of Directors of the Maintenance Association is very active and the road is well maintained.

3. The parcel is approximately twenty two (22) acres and sits at an approximate elevation of two thousand eight hundred feet (2,800'). **See Site Plan for elevations and contour lines.**

4. A *portion* of the parcel is within the upper Dean Creek Watershed and the entire property is zoned as follows:

-Agricultural Exclusive with Special Building Site Six (AE-B-6)

The property fronts on both Dyerville Loop and Ross roads. **See Exhibit B.**

5. The access driveway is located at 1400 Ross Road, where Ross Road bisects the property splitting it into two (2) parcels: west side of the road is approximately 7.5 acres and the east side is approximately 15.5 acres. There are access driveways onto each of the two parcels from Ross Road, that face each other<sup>3</sup>. Although split into two (2) parcels by Ross Road, the property exists under a singular parcel number on Humboldt County tax rolls. **See Exhibit B and Site Plans.**

6. The *cultivation area* designated for Cannabis is clustered on a fairly flat plateau along the 2,840' contour line, and between the 2,800' and 2,880' contour lines shown on the map *and*

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<sup>3</sup> Although split into two (2) parcels by Ross Road, the property exists under a singular parcel number on Humboldt County tax rolls.

*located entirely on the eastern parcel.*

7. The overall natural slope of the parcel is between fifteen to thirty percent (15%-30%).

8. The proposed cultivation area is only the area that has been used for illegal cannabis cultivation and equipment storage and appurtenant structures for decades. No new site expansion nor disruption is planned.

#### **SUBSTANTIAL CHANGE TO PRIOR SUBMISSIONS:**

9. **There will not be any cultivation** on the 7.5 acre portion of the property that is on the northwest side of Ross Road.

10. *No tree removal nor other site improvements are planned on the northwest side of the Parcel across Ross Road from the cultivation site.*

11. *Native trees in a minimum container size of fifteen gallons (15 gal) will be planted to replace each tree removed on the 22 acres.*

12. *Native grasses and cover crop* will be planted and maintained on nearby soils.

13. All mechanical equipment and generators have been moved to the back portion of the cultivation site and will have mufflers installed, so that sound at the property lines is less than sixty (60) decibels.

### C. PAST CULTIVATION.

14. During the year 2008, the quantity and intensity of use of greenhouses increased substantially as compared to prior years and is shown in the aerial photographs submitted herein.

15. The site has had cannabis and vegetable light deprivation green houses with appurtenant storage and equipment parking structures since the early 1990's and possibly for decades prior.

16. A residence exists that is proposed to be removed and is subject of a *pending demolition permit* with the County of Humboldt. Rising Goat plans to *submit building permit applications at a later* date for replacement of the residential building with seasonal housing.

17. The review of publicly available satellite imagery shows that the site has been used for residential purposes, cultivation of Cannabis and livestock grazing in the past.

18. The cultivation of Cannabis is shown for the first time on satellite imagery in 2009. Satellite imagery for 2015 is blurred for that year.

19. The first clear image of past cultivation is from Terra Server on June 16, 2010 and shows scattered and hidden cultivation totaling nineteen thousand five hundred square feet (19,500' sq).

20. The next image is from Google Earth on May 28, 2014 which shows an expansion of the site early in the season to a total of approximately 21,000 square feet.

21. In 2015, the growing area was increased with additional green houses. Although the northeastern outdoor area is shaded, and cultivation appears to have concluded, interviews with the past owner(s) reveal cannabis production in that area as open area production without greenhouse. The additional outdoor open area production in that year was approximately 80' x 120' providing an additional 9,600' square. The 2015 total Cannabis growing area was

approximately 31,000' square including indoor and outdoor.

22. On November 4, 2015, the TerraServer imagery shows the outcome of that season, including further greenhouse development. However the northeastern outdoor area is shaded and although cultivation cannot be proven in the shaded area by satellite imagery, interviews with the growers has provided proof that the shaded area was also used for outdoor summer production.

*The total cultivation for 2015 was twenty three thousand eight hundred seventy five square feet (23,875sq ft) visible and the additional nine thousand six hundred square feet (9,600sqft) outdoor in shadows under the forest canopy for a total of thirty three thousand four hundred seventy five square feet (33,475sq ft).* The cultivation had mixed light of 5,400' square with the remainder being full sun outdoor.



#### D. ENERGY CONSUMPTION

23. Power is provided by sources that are alternatives to Pacific Gas & Electric company and is as follows:

(a) Generator: Tier 4 Gasoline -fueled generator<sup>4</sup> to meet thirty percent (30%) of the proposal power needs<sup>5</sup>; and,

(b) Solar system (currently installed) to provide the additional fifty percent (70%) of the proposal power needs.

24. The existing power sources meet the requirements for alternative power supply as recommended by the Humboldt County Planning and Building Departments. The installation of the new generator and the new fuel storage tank is planned to be completed after an application for permitting is submitted to and approved by the Humboldt County Building Department in compliance with Referenced Codes: 2012 International Fire Code, 2012 International Building Code & 2011 National Electric Code.

25. During 2020 and 2021, the power needs will be provided entirely by the existing solar system, with a gas generator back up. *The maximum cultivation area proposed will not be fully achieved until some time after 2021.*

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<sup>4</sup> Location of fuel storage and its compliance with the appropriate codes is discussed later in the proposal.

<sup>5</sup> The manufacturer's specifications are stated in relevant part as: - Dimensions (L x W x H Inches): 72.00 x 31.00 x 50.30; Weight: 1422 lbs; and, **Sound Level: 65 dB(A) at 23 feet. The generator is backed into an existing concrete structure area, that is cut into the hillside, allowing further sound reduction and concealment of the equipment.**

## **E. SECURITY AND SAFETY**

26. The proposal complies with the security requirements of the State of California for licensed marijuana grows:

- (a) camera resolution of 1280 x 720 (720p) pixels and no less than 15 frames per second.
- (b) Cameras and storage are Internet Protocol (IP) compatible.
- (c) Cameras will be placed at the singular entrance and exit driveway onto Ross Road, and record from both indoor and outdoor vantage points 24 hours a day with no interruptions regardless of lighting or conditions.
- (d) All fencing and gates surrounding growing operations will be monitored at least 20 feet beyond the perimeter.
- (e) The California mandate requires that cameras generate approximately 13 GB of data per day, and surveillance cameras to record continuously (24/7 year-round) wherever and whenever cannabis is present on the property.
- (f) Regulations governing the cannabis industry in the state of California require video footage to be kept for a minimum of 90 days.
- (g) Each greenhouse, outdoor growing areas and processing<sup>6</sup> will also have exit, entrance and processing point surveillance cameras as well as being locked at all times.

27. The cultivation site will be secured and visually obscured from Ross Road at the most distant feasible area for production.

28. Appurtenant drying and processing facilities, equipment storage and trash storage<sup>7</sup> shall be secured and locked at all times. All trash shall be in containers that are wildlife proof

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<sup>6</sup> The term 'processing' as used throughout the proposal refers to only the activities of trimming and drying.

<sup>7</sup> Trash Storage will include separate containers for chemical containers and bags, trash and recyclables with a weekly plan for hauling and dumping.

and fenced on the allowable 10'x 20' outdoor storage area and will contain ceiling fencing to protect birds and climbing animals from entering.

29. Hoop houses will be secured and monitored at entrance and exit points.

30. The entire premises is entered at one point on Ross Road and fenced with 8' fencing secured with either steel stakes in concrete or 6'x 6" pressure treated fence posts secured in a minimum of 2 bag concrete with rock.

31. The electric controlled gate with fire department KNOX box will remain locked at all times.

32. KNOX Box and Gate will be marked with a sufficient number of reflectors to be seen at night or at any time of visual impairment, including heavy smoke.

33. Operations shall implement safety protocols to protect the health and safety of its family members and customers, with adequate safety training relevant to their specific job functions, which may include:

- (a) Potable well water and bottled water.
- (b) Temporary Construction type sanitary toilet and sink, with weekly or more often as needed cleanouts by a licensed company.
- (c) Family members are encouraged to receive training and certification in basic CPR & First Aid.
- (d) CPR and First Aid Kit onsite

## F. WATER

34. Water is supplied by a *well that is permitted, #DEH 16/17-0123*, and is two hundred foot (200') deep, has a depth to the first water at fifty feet (50') below the surface, and has an estimated yield of twenty five gallons per minute (25 gpm). It is drilled through multiple layers of gravel, sand, clay, and the Franciscan sandstone with screens at different levels.

35. The well is taking shallow jurisdictional subsurface stream flows from an unconfined aquifer at fifty feet (50') due to the forty feet (40') to seventy feet (70') intake screen.

36. Water storage for the cultivation site is accomplished as follows:

(a) 5,000 gallon tank dedicated to fire fighting *to be installed*; and,

(b) ***Existing water storage tanks***<sup>8</sup> holding a total of 12,500 gallons:

-three (3) 2,500 gal tanks

-one (1) 5,000 gal tank

Total on site storage of water today:	12,500 gallons
After installation of the new fire tank	17,500 gallons

The stored water (without counting the fire fighting water) can support up to one (1) week of water needs for the entire cultivation site (12,500 gal) in peak water use season.

37. The cultivation utilizes a permitted well (#16/17-122), which is two hundred feet (200') deep and has an output of twenty five gallons per minute (25 gpm). The well water services both the cultivation and any seasonal residents.

38. All existing new roofs will be on a singular slant of approximately 45 degrees thereby pouring all roof rain water and melting snow into gutters that collect water and store it in plastic tanks for irrigation use.

39. The five thousand gallon (5,000 gal) tank required by CDF will also be filled by well

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<sup>8</sup> Water is pumped up hill from the permitted well into storage tanks located at the 2,920' contour line approximately at the northwest intersection of Ross Road and Dyerville Loop.



water.

40. Water use v. available water is shown below. The available water is based upon the test rated twenty five gallon per minute (25 gpm) well reduced to eighty percent (80%) efficiency or twenty gallons per minute (20 gpm). With 80% efficiency and water use as shown below, even at Phase 3 – maximum cultivation shows that only 42.44% of the available water from the well will be used.

41. This project has enough well water available to be sustainable even if the State were to reduce allowable water use from the well by 50%.

42. The property has water rights to a nearby spring, but does not anticipate needing that water for the cultivation site, nor has it used any of the spring water for the last several years.

<b>WATER USE</b>				
<b>GALLONS AVAILABLE</b>				
	<b>Per min</b>	<b>Per Hour</b>	<b>Per Day</b>	<b>Per month</b>
<b>Well produces</b>	25	1500	36,000	1,080,000
<b>At 80% Efficiency</b>	20	1200	28,800	864,000

<b><u>PHASE</u></b>			
<b><u>1</u></b>			
	<b>Total Sq Ft</b>		
	<b>10,000</b>		<b>Monthly Avg Gal Per Sq Ft</b>
	<b>Gal/Day</b>	<b>Gal/Mo</b>	
<b>January</b>	-	-	-
<b>February</b>	-	-	-
<b>March</b>	600	18,000	1.8
<b>April</b>	900	27,000	2.7

May	1,000	30,000	3.0
June	1,200	36,000	3.6
July	1,500	45,000	4.5
August	1,500	45,000	4.5
September	1,500	45,000	4.5
October	900	27,000	2.7
November	600	18,000	1.8
December	-	-	-
Total		291,000	

**Percentage of Water Pumped used by Cultivation site at 80% Well Efficiency**

Available Water	864,000	gallons
Projected Water Use	291,000	gallons
Percent of pumped Water Used	33.68%	

**(AFTER IMPLEMENTING DRIP IRRIGATION)**

	<u>PHASE</u>		
	<u>2</u>		
	Total Sq Ft		
	15,000		Monthly Avg Gal Per Sq Ft
	Gal/Day	Gal/Mo	
January	-	-	-
February	-	-	-

March	630	18,900	1.3
April	945	28,350	1.9
May	1,050	31,500	2.1
June	1,260	37,800	2.5
July	1,575	47,250	3.2
August	1,575	47,250	3.2
September	1,575	47,250	3.2
October	945	28,350	1.9
November	630	18,900	1.3
December	-	-	-
Total		305,550	

**Percentage of Water Pumped used by Cultivation site at 80% Well Efficiency**

Available Water	864,000	gallons
Projected Water Use	305,550	gallons
Percent pumped Water Used	35.36%	

	<u>PHASE</u>		
	<u>3</u>		
	Total Sq Ft		
	18,000		Monthly Avg Gal Per Sq Ft
	Gal/Day	Gal/Mo	
January	-	-	-
February	-	-	-

March	756	22,680	0.8
April	1,134	34,020	1.1
May	1,260	37,800	1.3
June	1,512	45,360	1.5
July	1,890	56,700	1.9
August	1,890	56,700	1.9
September	1,890	56,700	1.9
October	1,134	34,020	1.1
November	756	22,680	0.8
December	-	-	-
Total		366,660	

**Percentage of Water Pumped used by Cultivation site at 80% Well Efficiency**

Available Water	864,000	gallons
Projected Water Use	366,660	gallons
Percent of pumped Water Used	42.44%	

## **G. CAL FIRE REQUIREMENTS.**

43. The gated driveway is expanded to twenty feet (20') wide and the frontage on Ross Road is one hundred eighty feet (180').

44. An SRA Regulation T shape turnaround for a sixty foot (60') long emergency vehicle is noted on the site plan.

45. A five thousand gallon (5,000 gal.) SRA tank located at the corner of the driveway gate and Ross Road with the following specifications:

- (a) 100' from all flammable vegetation and trees
- (b) A minimum of 4' and maximum of 12' from the driveway and road
- (c) A minimum of 50' and maximum of 1/4 mile from all of the buildings that it serves.
- (d) A four and a half inch (4.5") N.H. rated male fire hose fitting.
- (e) At least one three inch (3") reflector on the tank.
- (f) At least one three inch (3") reflector on a post within three feet (3') of the fire connection valve.
- (g) Tank location and fire protection perimeter (flammable vegetation and trees) requires removal of at least two (2) trees (live oak and a white pine)<sup>9</sup>.
- (h) All reflectors will be Blue Dot.

46. Fire Extinguishers will be located at all structures as follows:

- (a) Class A extinguisher – at least one at each hoop house, structure and enclosed garbage area.
- (b) Class B extinguisher – at least one at all structures and equipment storage areas.
- (c) Class C extinguisher – one at each of the generator and solar system locations.

Annually, all fire extinguishers will be inspected, re-charged or replaced annually by a fire extinguisher company licensed by the California State Fire Marshall. All fire extinguishers will

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<sup>9</sup> Permit is required and will be applied for to the Humboldt County Planning Department.



be mounted where visually easy to find and will have Blue Doe reflectors equivalent to those on water storage tank.

## H. WASTE WATER, DRAINAGE & RUNOFF

47. Waste water *is treated on-site with an unpermitted septic system, which will be removed and replaced with a permitted septic tank in a new permitted location.* The location of the new septic tank is more than one hundred feet (100') from the water well.

48. Irrigation will focus on minimal use of water through the use of drip irrigation systems and planting pots of 30 gallon size or greater for retention of irrigation water.

49. Irrigation will be done early morning and early evening and shall be of an agronomic rate that will not exceed past the root zone.

50. Hygrometers are used to determine proper irrigation amounts and methods.

51. Ground cloth (dark charcoal or black) will be used in all green houses and outdoor cultivation areas in order to reduce evaporation rates.

52. The cultivation area is located along the ridge of the upper Dean Creek watershed. The main road to the farm is Dyersville Loop which is a county maintained road. In order to access the site, Ross Road, a well maintained two lane private dirt and gravel road, is used. The Ross Road Maintenance Agreement is attached hereto.

53. The cultivation area is on the same contour as the watershed. There is an ephemeral stream adjacent to the southern side of the cultivation area. Due to the tight nature of the cultivation area with sharp slope to the western side of the parcel, there is potential for discharge to occur. Therefore all greenhouses and areas of potential water flow are surrounded by State approved water absorbing bags filled with materials approved by the State of California.

54. **Erosion Control and Runoff Measures.** The following erosion and runoff control measures are proposed:

- (a) All measures of the Water Resources Protection Plan shall be implemented.
- (b) Internal policies and training to employees that shall minimize discharge from farm related activities.
- (c) All road surfaces shall be graveled.

- (d) Soil Beds within the enclosed growing houses shall be contained and methods implemented to reduce soils loss to the outside.
- (e) Cover crops shall be utilized.
- (f) Straw and bags and other erosion control methods shall be placed on the ground surrounding the cultivation areas.
- (g) A wildfire fuels reduction project shall be planned and implemented according to all regulatory requirements.
- (h) Internal policies and training shall minimize farm related activity discharge to the watershed.
- (i) Any compost bins shall be self contained.
- (j) Trash and recycling bins shall be fenced and secured. Bins will be dumped weekly at a local transfer station.
- (k) Cultivation shall be in raised beds or pots.
- (l) Mixing, tilling, and amending of soils shall occur within the raised beds.
- (m) Soils shall be reused, composted on site, and no dumping off site shall occur.
- (n) Composting shall consist of a dedicated area and be secure. Vegetative materials shall be chipped back into the compost pile.



## I. FERTILIZERS, PESTICIDES, REGULATED PRODUCTS

55. The cultivation site intends to be an organic farm. Operations shall not be using regulated products.

56. The Storage protocol is as follows:

- (a) A permanent storage area of approximately 200 square feet or more shall be constructed with metal shelves and concrete floor (poured with moisture barrier under concrete to protect from spill potentially soaking through the concrete to the soils.
- (b) Cleanup and containment protocols shall be developed and implemented to minimize or eliminate any discharge from containers.
- (c) Cleanup and containment equipment shall be maintained in good operating condition on-site at all times.
- (d) Safe handling practices and protocols shall be developed for using cleanup and containment equipment.
- (e) Agriculturally exempt products that may be used, on occasion and as needed, on the cultivation site over time and listed, in part, in **Exhibit**

**EXHIBIT A**  
**OWNERSHIP**

Recording requested by (name):

RISING GOAT LIMITED

When recorded mail to  
and mail tax statements to:  
Rising Goat Limited

P.O. Box 132

Samoa, CA 95564

2019-011366

Recorded - Official Records  
Humboldt County, California  
Kelly E. Sanders, Recorder  
Recorded by: RISING GOAT LIMITED

Pages: 3

Recording Fee: \$ 114.00  
Tax Fee: \$0.00  
Clerk: kt Total: \$114.00  
Jul 02, 2019 at 03:38:48



Recorder's Use Only

## GRANT DEED

Assessor's Parcel No. (APN):  
223-101-004

Documentary Transfer Tax: \$ -0-

If exempt, enter R&T code: RTC 11930

Explanation: Inferviros Father  
to Son

[Signature]  
Signature of Declarant or Agent determining tax

### Declaration of Exemption From Gov't Code § 27388.1 Fee

- ☐ Transfer is exempt from fee per GC § 27388.1(a)(2):  
☐ recorded concurrently "in connection with" transfer subject to  
Documentary Transfer Tax  
☐ recorded concurrently "in connection with" a transfer of  
residential dwelling to an owner-occupier  
☐ Transfer is exempt from fee per GC 27388.1(a)(1):  
☐ Fee cap of \$225.00 reached ☐ Not related to real property

For a valuable consideration, receipt of which is hereby acknowledged,

GRANTOR(S) Mitchell Leffel, a single man  
(owners who are signing deed)

(current owner(s) form of title)

hereby grant(s) to GRANTEE(S) RISING GOAT LIMITED, a California Corporation  
(new owners, including current owners if staying on title)

(new owners, continued)

as

(new owner(s) form of title)

the following real property in the City of

County of Humboldt, California (insert legal description):

SEE EXHIBIT "A" - ATTACHED HERETO AND MADE A PART HEREOF

Date:

7/1/19

[Signature]

(Signature of declarant)

MITCHELL LEFFEL

(Print name)

Date:

(Signature of declarant)

(Print name)

## ACKNOWLEDGMENT

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )

County of Humboldt )

On July 1<sup>st</sup>, 2019 before me, Tamara L. Notary Public  
(insert name and title of the officer)

personally appeared Mitchell Lettel

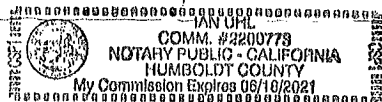
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Tamara L. Notary Public

(Seal)



**LEGAL DESCRIPTION**

**EXHIBIT "A"**

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF HUMBOLDT, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

**PARCEL ONE**

Parcel 10 as shown on Parcel Map No. 819 on file in the Office of the County Recorder of Humboldt County in Book 7 of Parcel Maps, pages 45 through 52, inclusive.

**PARCEL TWO**

A non-exclusive right of way for ingress, egress and public utilities and pipelines over and in all the roads shown on said Parcel Map.

**PARCEL THREE**

The right to take and use from spring Parcel No. 8 as shown on the survey by Don Bushnell dated October 1976 up to 1500 gallons of water a day for the benefit of and use on said Parcel 10 of Parcel Map No. 819.

**PARCEL FOUR**

The right to develop, install and maintain a water system on the spring located on the real property described below:

**PARCEL A**

The West Half of the Southeast Quarter, and those portions of the Northeast Quarter of the Southwest Quarter, and the Southeast Quarter of the Northwest Quarter of Section 11, Township 4 South, Range 4 East, Humboldt Meridian, which lie East of the public road called Harris Road, being a portion of the land contained in the Patent recorded March 14, 1890 in Book 11 of Patents, Pages 86, Humboldt County Records.

**PARCEL B**

The Southwest Quarter of the Northeast Quarter of Section 11 in Township 4 South, Range 4 East, Humboldt Meridian, as contained in the Patent recorded July 23, 1909 in Book 21 of Patents, Page 49 Humboldt County Records.

This spring is located on the above described parcel approximately 150 yards in an Easterly direction from the public road called Dyerville Loop Road.

Together with an easement 10 feet in width for the purpose of developing and maintaining a pipeline running from the above referred to water system in a Westerly direction over the above described property to the public road called Dyerville Loop Road.

Together with the right to 50% of the water from the above referred spring.

Being the same as granted in deed recorded July 28, 2004, as Instrument No. 2004-25378-2, Humboldt County Official Records.

APN: 223-101-004



State of California  
Secretary of State

S

9-070858

Statement of Information

20

(Domestic Stock and Agricultural Cooperative Corporations)

FEES (Filing and Disclosure): \$25.00.

If this is an amendment, see Instructions.

IMPORTANT - READ INSTRUCTIONS BEFORE COMPLETING THIS FORM

FILED

Secretary of State  
State of California

OCT 10 2019

1. CORPORATE NAME

Rising Goat Limited

2. CALIFORNIA CORPORATE NUMBER

C4288100

NE  
This Space for Filing Use Only

No Change Statement (Not applicable if agent address of record is a P.O. Box address. See Instructions.)

3. If there have been any changes to the information contained in the last Statement of Information filed with the California Secretary of State, or no statement of information has been previously filed, this form must be completed in its entirety.

☐ If there has been no change in any of the information contained in the last Statement of Information filed with the California Secretary of State, check the box and proceed to Item 17.

Complete Addresses for the Following (Do not abbreviate the name of the city. Items 4 and 5 cannot be P.O. Boxes.)

4. STREET ADDRESS OF PRINCIPAL EXECUTIVE OFFICE	CITY	STATE	ZIP CODE
1400 Ross Road	Garberville	CA	95542
5. STREET ADDRESS OF PRINCIPAL BUSINESS OFFICE IN CALIFORNIA, IF ANY	CITY	STATE	ZIP CODE
1400 Ross Road	Garberville	CA	95542
6. MAILING ADDRESS OF CORPORATION, IF DIFFERENT THAN ITEM 4	CITY	STATE	ZIP CODE
c/o Ryan C. Parker; P.O. Box 624	Garberville	CA	95542

Names and Complete Addresses of the Following Officers (The corporation must list these three officers. A comparable title for the specific officer may be added; however, the preprinted titles on this form must not be altered.)

7. CHIEF EXECUTIVE OFFICER/	ADDRESS	CITY	STATE	ZIP CODE
Ryan C. Parker	1400 Ross Road	Garberville	CA	95542
8. SECRETARY	ADDRESS	CITY	STATE	ZIP CODE
Mitchell A. Leffel	1400 Ross Road	Garberville	CA	95542
9. CHIEF FINANCIAL OFFICER/	ADDRESS	CITY	STATE	ZIP CODE
P. F. Soares	798 Lighthouse Avenue #330	Monterey	CA	93940

Names and Complete Addresses of All Directors, including Directors Who are Also Officers (The corporation must have at least one director. Attach additional pages, if necessary.)

10. NAME	ADDRESS	CITY	STATE	ZIP CODE
Ryan C. Parker	1400 Ross Road	Garberville	CA	95542
11. NAME	ADDRESS	CITY	STATE	ZIP CODE
Mitchell A. Leffel	1400 Ross Road	Garberville	CA	95542
12. NAME	ADDRESS	CITY	STATE	ZIP CODE
P.F. Soares	798 Lighthouse Ave #330	Monterey	CA	93940

13. NUMBER OF VACANCIES ON THE BOARD OF DIRECTORS, IF ANY: 0

Agent for Service of Process If the agent is an individual, the agent must reside in California and Item 15 must be completed with a California street address, a P.O. Box address is not acceptable. If the agent is another corporation, the agent must have on file with the California Secretary of State a certificate pursuant to California Corporations Code section 1505 and Item 15 must be left blank.

14. NAME OF AGENT FOR SERVICE OF PROCESS  
P.F. Soares

15. STREET ADDRESS OF AGENT FOR SERVICE OF PROCESS IN CALIFORNIA, IF AN INDIVIDUAL	CITY	STATE	ZIP CODE
798 Lighthouse Ave #330	Monterey	CA	93940

Type of Business

18. DESCRIBE THE TYPE OF BUSINESS OF THE CORPORATION  
Farming

17. BY SUBMITTING THIS STATEMENT OF INFORMATION TO THE CALIFORNIA SECRETARY OF STATE, THE CORPORATION CERTIFIES THE INFORMATION CONTAINED HEREIN, INCLUDING ANY ATTACHMENTS, IS TRUE AND CORRECT.

10/08/2019

P.F. Soares

CFO

DATE

TYPE/PRINT NAME OF PERSON COMPLETING FORM

TITLE

SIGNATURE

SI-200 (REV 01/2013)

APPROVED BY SECRETARY OF STATE



Secretary of State

CONV LLC-GS

4288100

Articles of Incorporation with Statement of  
Conversion –  
California Limited Liability Company to a  
California Stock Corporation

**FILED** *mm*  
Secretary of State  
State of California

JUN 12 2019

*(Signature)*

**IMPORTANT** — Read Instructions before completing this form.

Filing Fee — \$150.00

Copy Fees — First page \$1.00; each attachment page \$0.50;  
Certification Fee — \$5.00

Note: Most corporations have to pay a minimum \$800 tax to the California  
Franchise Tax Board each year. For more information, go to  
<https://www.ftb.ca.gov>.

*1u* This Space For Office Use Only

1. **Name of Converted California Corporation** (Go to [www.sos.ca.gov/business/ba/name-availability](http://www.sos.ca.gov/business/ba/name-availability) for general corporate name requirements and restrictions.)

The name of the converted California corporation is Rising Goat Limited

2. **Business Addresses of the Converted California Corporation** (Enter the complete business addresses.)

a. Initial Street Address of Corporation - Do not list a P.O. Box.	City (no abbreviations)	State	Zip Code
1400 Ross Road	Garberville	CA	95542
b. Initial Mailing Address of Corporation, if different than Item 2a.	City (no abbreviations)	State	Zip Code
P O Box 132	Samoa	CA	95564

3. **Service of Process** (Must provide either Individual OR Corporation.)

**INDIVIDUAL** — Complete Items 3a and 3b only. Must include agent's full name and California street address.

a. California Agent's First Name (if agent is not a corporation).	Middle Name	Last Name	Suffix
Mitchell	A	Leffel	
b. Street Address (if agent is not a corporation) - Do not enter a P.O. Box.	City (no abbreviations)	State	Zip Code
1400 Ross Road	Garberville	CA	95542

**CORPORATION** — Complete Item 3c. Only include the name of the registered agent Corporation.

- c. California Registered Corporate Agent's Name (if agent is a corporation) — Do not complete Item 3a or 3b.

4. **Shares** (Enter the number of shares the corporation is authorized to issue. Do not leave blank or enter zero (0).)

This corporation is authorized to issue only one class of shares of stock.

The total number of shares which this corporation is authorized to issue is 1,000,000.

- CONTINUE ON NEXT PAGE -

(Page 1 of 2)

Articles of Incorporation with Statement of Conversion  
California Limited Liability Company to a California Stock Corporation  
(Page 2 of 2)

4286100

5. Purpose Statement (Do not alter the Purpose Statement.)

The purpose of the corporation is to engage in any lawful act or activity for which a corporation may be organized under the General Corporation Law of California other than the banking business, the trust company business or the practice of a profession permitted to be incorporated by the California Corporations Code.

6. Statement of Conversion for the California Limited Liability Company

6a. The name of the converting California limited liability company is Rising Goat LLC

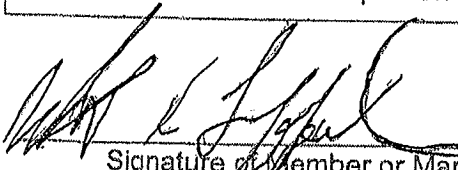
6b. The limited liability company's California Secretary of State file number is 201909410786

6c. The principal terms of the plan of conversion were approved by a vote of the members, which equaled or exceeded the vote required under California Corporations Code section 17710.03. There is one class of members entitled to vote and the percentage vote required is a majority in interest of the members. The limited liability company is converting into a California stock corporation.

7. Read, Declare and Sign Below. Do not use computer generated signature. (See instructions for signature requirements.)

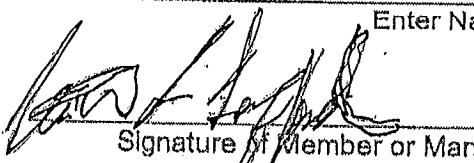
Additional article provisions set forth on attached pages, if any, are incorporated herein by reference and made part of this Form CONV LLC-GS. (All attachments should be 8 1/2 x 11, one-sided, legible and clearly marked as an attachment to this Form CONV LLC-GS.)

I declare that I am the person who signed this instrument, which is my act and deed.

  
Signature of Member or Manager Mitchell A Leffel Member or Manager of  
Type or Print Name

Rising Goat LLC and Incorporator.

Enter Name of converting California LLC

  
Signature of Member or Manager Mitchell A. Leffel Member or Manager of  
Type or Print Name

Rising Goat LLC and Incorporator.

Enter Name of converting California LLC



## Business Search - Entity Detail

The California Business Search is updated daily and reflects work processed through Thursday, January 9, 2020. Please refer to document [Processing Times](#) for the received dates of filings currently being processed. The data provided is not a complete or certified record of an entity. Not all Images are available online.

C4288100 RISING GOAT LIMITED

Registration Date:	06/12/2019
Jurisdiction:	CALIFORNIA
Entity Type:	DOMESTIC STOCK
Status:	ACTIVE
Agent for Service of Process:	P F SOARES 798 LIGHTHOUSE AVE #330 MONTEREY CA 93940 1400 ROSS RD GARBERVILLE CA 95542 P O BOX 624 GARBERVILLE CA 95542
Entity Address:	
Entity Mailing Address:	

A Statement of Information is due EVERY year beginning five months before and through the end of June.

Document Type	File Date	PDF
SI-COMplete	10/10/2019	
SI-COMplete	07/23/2019	
REGISTRATION	06/12/2019	

Indicates the information is not contained in the California Secretary of State's database.

- If the status of the corporation is "Surrender," the agent for service of process is automatically revoked. Please refer to California Corporations Code [section 2114](#) for information relating to service upon corporations that have surrendered.
- For information on checking or reserving a name, refer to [Name Availability](#).
- If the Image is not available online, for information on ordering a copy refer to [Information Requests](#).
- For information on ordering certificates, status reports, certified copies of documents and copies of documents not currently available in the Business Search or to request a more extensive search for records, refer to [Information Requests](#).
- For help with searching an entity name, refer to [Search Tips](#).
- For descriptions of the various fields and status types, refer to [Frequently Asked Questions](#).

Modify Search

New Search

Back to Search Results



## Business Search - Entity Detail

The California Business Search is updated daily and reflects work processed through Thursday, January 9, 2020. Please refer to document [Processing Times](#) for the received dates of filings currently being processed. The data provided is not a complete or certified record of an entity. Not all images are available online.

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[Modify Search](#)

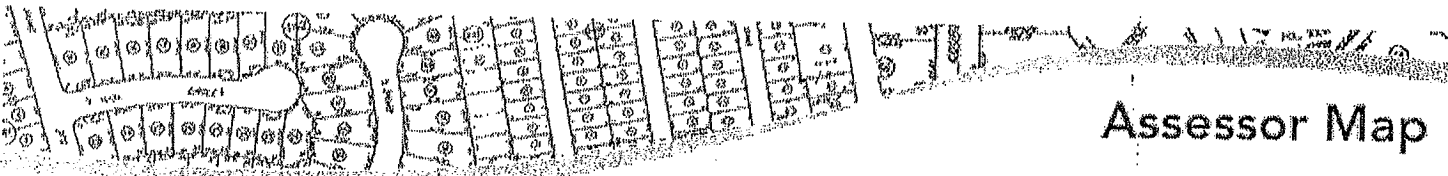
[New Search](#)

[Back to Search Results](#)

**EXHIBIT B**  
**ASSESSORS PARCEL MAP**

**Of note:**

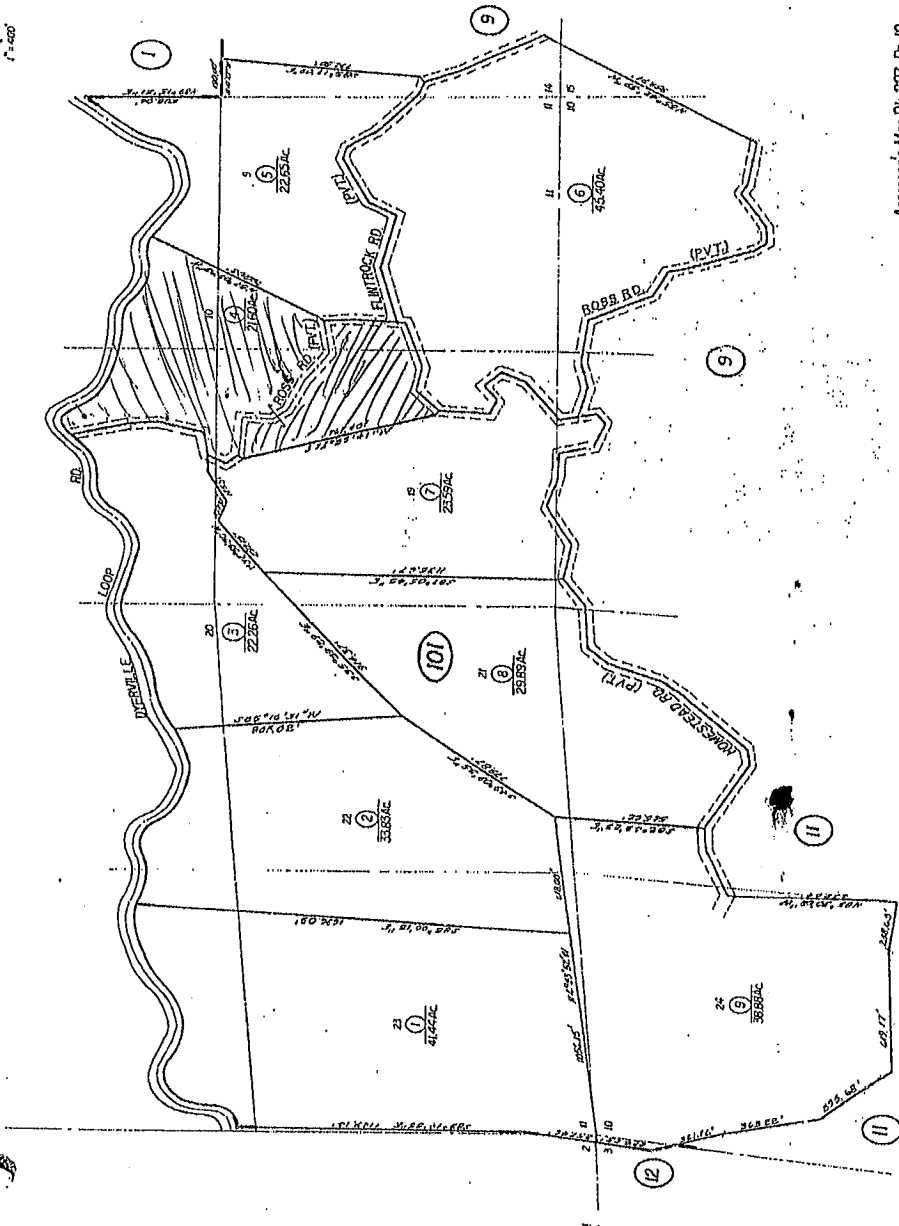
- County Road is Dyerville Loop**
- Private Road is Ross Road**
- Frontage on both County and Private Roads**
- Driveway at Ross Road**



# Assessor Map

223-10

POR S1/2 SEC. 18 N1/2 SEC. 10, T4S, R4E., H.B. & M.



Assessor's Map Bk. 223-Pg. 10  
County of Humboldt, Calif.

ENL No. 819 of ENL Bk. 7, Pg. 45 thru 52

Old Republic Title

Prepared On : 06/04/2019

OLD REPUBLIC TITLE

© 2019 CoreLogic, All rights reserved

**EXHIBIT C**  
**ROSS ROAD MAINTENANCE AGREEMENT**

*Return:  
James O. Johnson  
P.O. 1, Humboldt Bldg.  
Eureka, Calif. 95540*

16500

RECORDED AT REQUEST OF

*James O. Johnson*  
VOL. 1363 OFFICIAL RECORDS PG 86

AUG 27 4 02 PM 1976

ROAD MAINTENANCE AGREEMENT

HUMBOLDT COUNTY RECORDS  
GRACE JACKSON, RECORDER

*Grace Jackson* DEPUTY  
FEB 5/6.00

(14)

KENNETH R. WALLAN, MEREDITH WALLAN, JAMES O. JOHNSON, and ANITA M. JOHNSON, hereinafter called "Developers", presently own real property in Southern Humboldt County, California, popularly known as "the Overland" subdivision, particularly described in Exhibit "A", attached hereto and incorporated herein by this reference, and the undersigned, hereinafter called "Owners" are purchasers of a lot or lots in the Overland subdivision.

There runs through said subdivision a system of roads which roads are particularly described in Exhibit "B", attached hereto and incorporated herein by this reference.

Both Developers and Owners, for their mutual benefit, wish to enter into an agreement among themselves concerning maintaining and repairing said roads.

Based upon the above, it is hereby agreed by Developers, their heirs, successors and assigns and Owners, their heirs, successors and assigns, as follows:

Article I. Covenants Running With The Land

All lots in the subdivision shall be held, sold, and conveyed only subject to the covenants, conditions and restrictions herein, which shall constitute covenants running with the land and shall be binding on all parties having any right, title, or interest in the lots in said subdivision, or any part thereof, their heirs, successors, and assigns and shall inure to the benefit of each owner thereof.

**EXHIBIT D**  
**PHOTOGRAPHS**

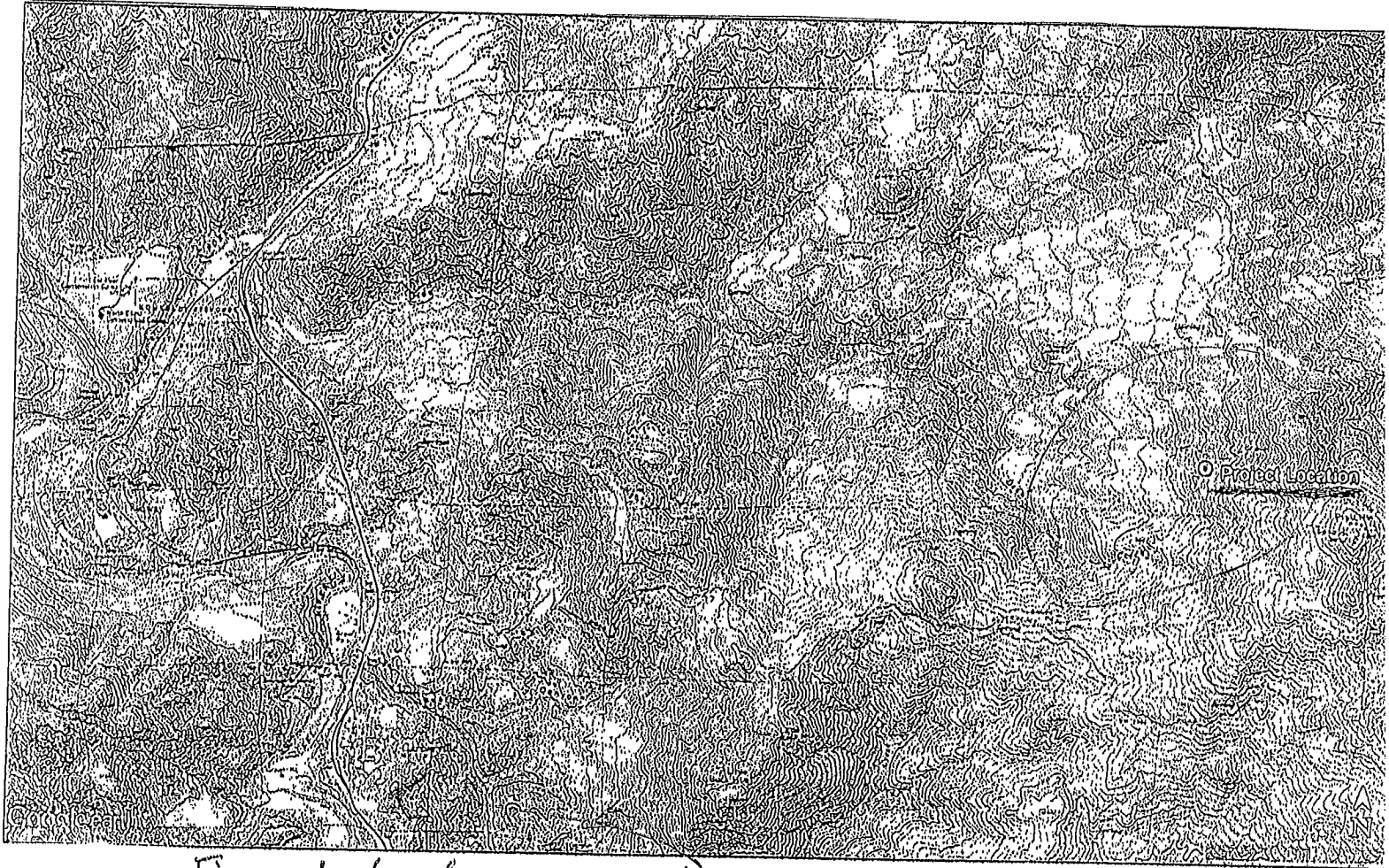


Figure 1- Location. Garberville

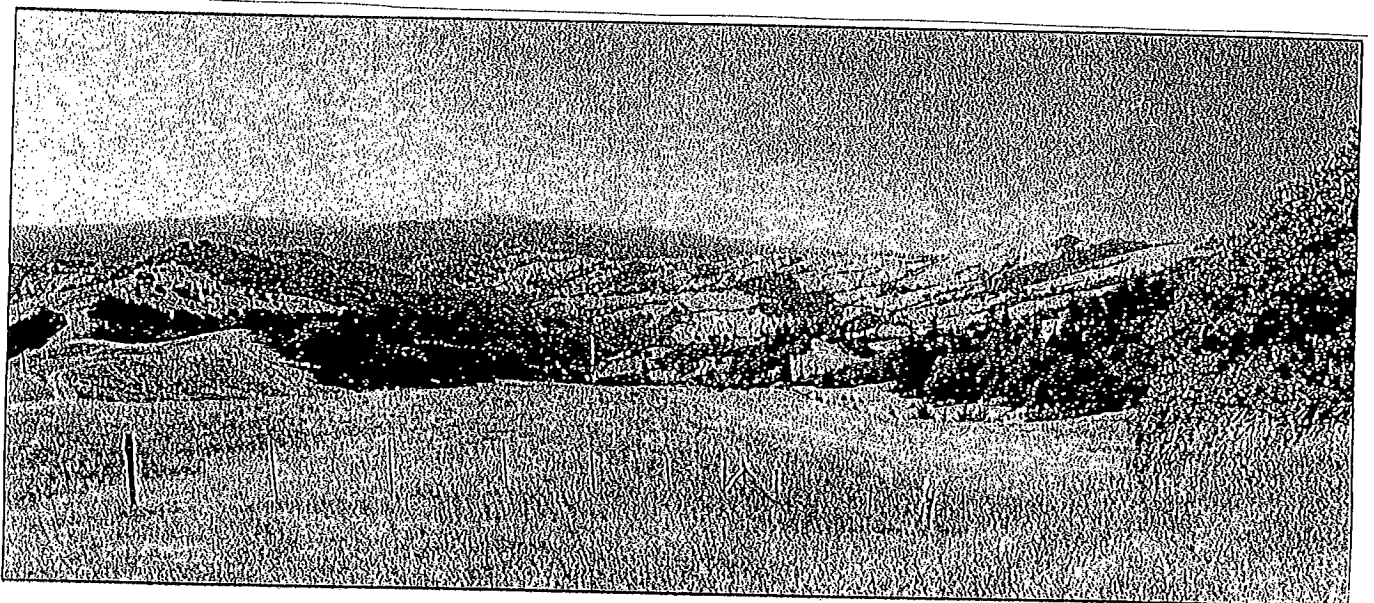


Figure 2: Dean Creek: watershed looking east towards Eel River





Figure 3: June 16, 2010 TerraServer Imagery



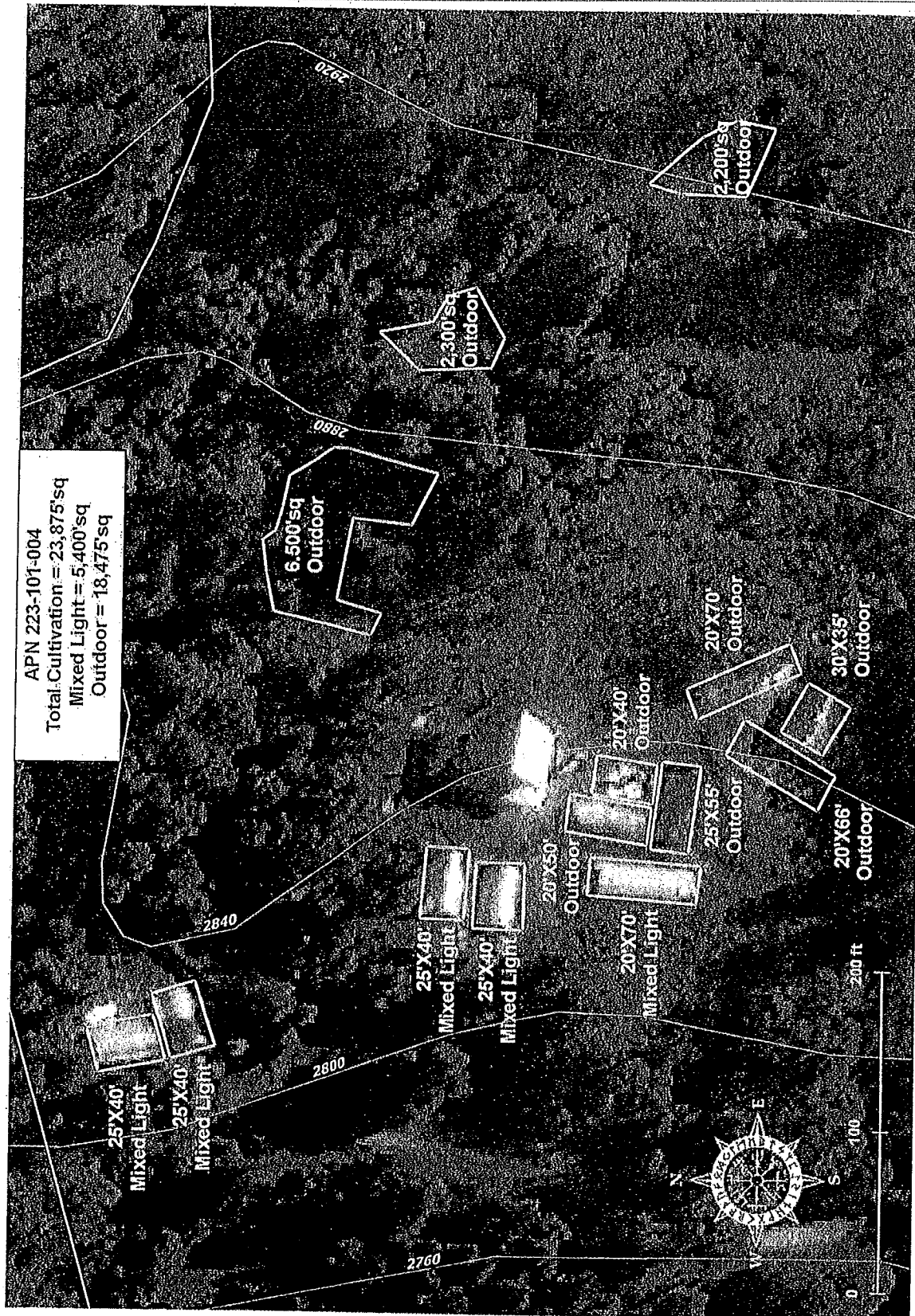


Figure 5: November 4, 2015 TerraServer Evidence of Past Cultivation

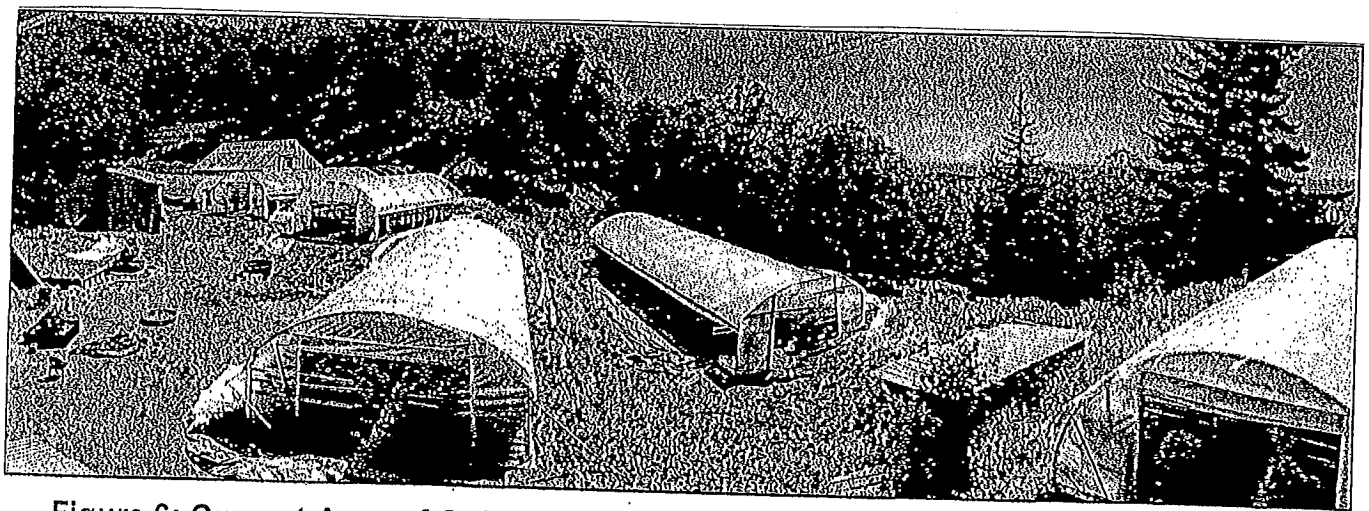


Figure 6: Current Area of Cultivation (June 22, 2017)

**EXHIBIT E**  
**WHISPERWATT GENERATOR**





# DCA25SSIU4F

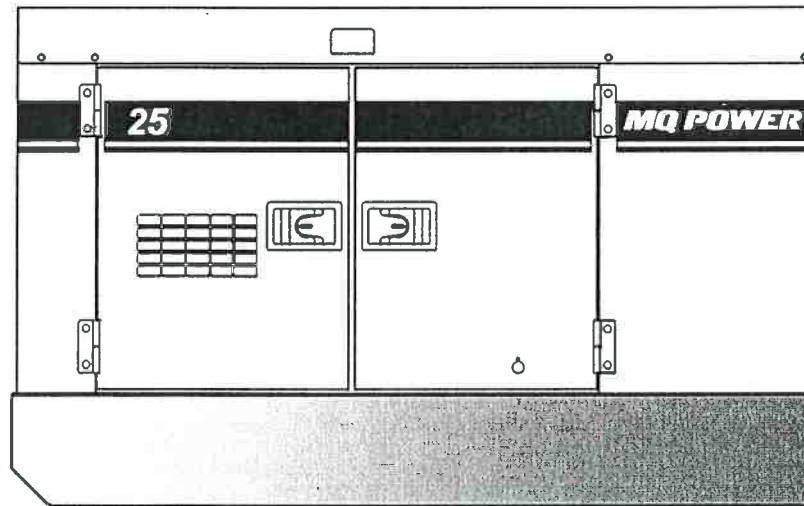
## Generator

### WhisperWatt™

Prime Rating — 20 kW (25 kVA)

Standby Rating — 22 kW (27.5 kVA)

Three-Phase, 60 Hertz, 0.8 PF



### STANDARD FEATURES

- Heavy duty, 4-cycle, direct injection, heated crankcase vent, turbocharged diesel engine provides maximum reliability.
- EPA emissions certified - Tier 4 final emissions compliant.
- Microprocessor engine control system maintains frequency to  $\pm 0.25\%$ .
- Full load acceptance of standby nameplate rating in a single step.
- Fuel/water separator removes condensation from fuel for extended engine life. Panel mounted alarm light included.
- Sound attenuated, weather resistant, steel housing provides operation at 65 dB(A) at 23 feet. Fully lockable enclosure allows safe unattended operation.
- E-coat and powder coat paint provides durability and weather protection.
- Internal fuel tank with direct reading of fuel gauge.
- Spill containment — Bunded design protects environment by capturing up to 124% of engine fluids.
- Brushless alternator reduces service and maintenance requirements and meets temperature rise standards for Class F insulation systems.
  - Open delta excitation design provides virtually unlimited excitation for maximum motor starting capability.
  - Automatic voltage regulator (AVR) provides precise regulation.
- Fully covered power panel. Three-phase terminals and single phase receptacles allow fast and convenient hookup for most applications including temporary power boxes, tools and lighting equipment. All are NEMA standard.
- ECU754 microprocessor-based digital generator controller.
  - Remote 2-wire start/stop control.
  - Operational temperature range of  $-40^{\circ}$  to  $85^{\circ}$  C.
- Digital engine gauges including oil pressure, water temperature, battery volts, engine speed and fuel level.
- Analog generator instrumentation including AC ammeter, AC voltmeter, frequency meter, ammeter phase selector switch, voltmeter phase selector switch, and voltage regulator adjustment potentiometer.
- Automatic safety shutdown system monitors the water temperature, engine oil pressure, overspeed and overcrank. Warning lights indicate abnormal conditions.
- Voltage selector switch allows easy to change voltages as your applications require.



# DCA25SSIU4F

## Generator

### SPECIFICATIONS

Generator Specifications		
Design	Revolving field, self-ventilated Drip-proof, single bearing	
Armature Connection	Star with Neutral	Zig Zag
Phase	3	Single
Standby Output	22 KW (27.5 KVA)	15.8 KW
Prime Output	20 KW (25 KVA)	14.4 KW
3Ø Voltage (L-L/L-N) Voltage Selector Switch at 3Ø 240/139	208Y/120, 220Y/127, 240Y/139	N/A
3Ø Voltage (L-L/L-N) Voltage Selector Switch at 3Ø 480/277	416Y/240, 440Y/254, 480Y/277	N/A
1Ø Voltage (L-L/L-N) (Voltage Selector Switch at 1Ø 240/120)	N/A	240/120
Power Factor	0.8	1.0
Voltage Regulation (No load to full load)	±0.5%	
Generator RPM	1800	
Frequency	60 Hz	
Winding Pitch	5/6	
No. of Poles	4	
Excitation	Brushless with AVR	
Frequency Regulation: No Load to Full Load	Isochronous under varying loads from no load to 100% rated load	
Frequency Regulation: Steady State	±0.25% of mean value for constant loads from no load to full load.	
Insulation	Class F	
Sound Level dB(A) Full load at 23 feet	65	

Engine Specifications	
Make / Model	Isuzu / 4LE2T
Emissions	EPA Tier 4 Final Certified
Starting System	Electric
Design	4-cycle, water cooled, direct injection, turbocharged, EGR
Displacement	133.0 in <sup>3</sup> (2179 cc)
No. cylinders	4
Bore x Stroke (mm)	85 x 96
Rated Engine Power Output	33.5 hp (25 kW)
BMEP	133 psi (918 kPa)
Piston Speed	1133.9 ft./min. (5.76 m/s)
Compression Ratio	17.6:1
Engine Speed	1800 rpm
Overspeed Limit	2070 rpm
Oil Capacity	2.8 gallons (10.5 liters)
Battery	12V 53Ah x 1

Fuel System		
Recommended Fuel	ASTM-D975-No.1 & No.2-D*	
Maximum Fuel Flow (per hour)	2.3 gallons (8.8 liters)	
Maximum Inlet Restriction (Hg)	6.8 in. (173 mm)	
Fuel Tank Capacity	41.7 gallons (158 liters)	
Fuel Consumption	gph	lph
At full load	1.62	6.12
At 3/4 load	1.26	4.77
At 1/2 load	0.94	3.57
At 1/4 load	0.67	2.52

\* - Use ultra-low sulfur diesel fuel.

Cooling System	
Fan Load	0.67 hp (0.5 kW)
Coolant Capacity (with radiator)	2.3 gallons (8.8 liters)
Coolant Flow Rate (per minute)	20.1 gallons (76.0 liters)
Heat Rejection to Coolant (per minute)	1479 Btu (1.56 MJ)
Maximum Coolant Friction Head	14.5 psi (100 kPa)
Maximum Coolant Static Head	3.35 feet (1.04 meters)
Ambient Temperature Rating	104°F (40°C)

Air	
Combustion Air	109 cfm (3.10 m <sup>3</sup> /min)
Maximum Air Cleaner Restriction	25 in. H <sub>2</sub> O (6.23 kPa)
Alternator Cooling Air	388 cfm (11.0 m <sup>3</sup> /min)
Radiator Cooling Air	1420 cfm (40.2 m <sup>3</sup> /min)
Minimum Air Opening to Room	2.6 ft <sup>2</sup> (0.24 m <sup>2</sup> )
Minimum Discharge Opening	0.84 ft <sup>2</sup> (0.08 m <sup>2</sup> )

Exhaust System	
Gas Flow (full load)	148 cfm (4.2 m <sup>3</sup> /min)
Gas Temperature	847°F (453°C)
Maximum Back Pressure	30.1 in. H <sub>2</sub> O (7.5 kPa)

Amperage	
Rated Voltage	Maximum Amps
1Ø 120 Volt	60 Amps x 2 (Zigzag)
1Ø 240 Volt	60 Amps (Zigzag)
3Ø 208 Volt	60 Amps
3Ø 240 Volt	60 Amps
3Ø 480 Volt	30 Amps
Main Line Circuit Breaker Rating	60 Amps
Over Current Relay Trip Set Point	30 Amps

### WARRANTY\*

#### Isuzu Engine\*\*

12 months from date of purchase with unlimited hours or 36 months from date of purchase with 3,000 hours (whichever occurs first).

#### Generator

24 months from date of purchase or 2,000 hours (whichever occurs first).

#### Trailer

12 months excluding normal wear items.

\*Refer to the express written, one-year limited warranty sheet for additional information.  
\*\*Refer to Isuzu Diesel Engine Limited Warranty for details.

### NOTICE

Specifications sheet is subject to change and is not intended for use in installation design.



## DCA25SSIU4F Generator

### MQ POWER DECIBEL LEVELS

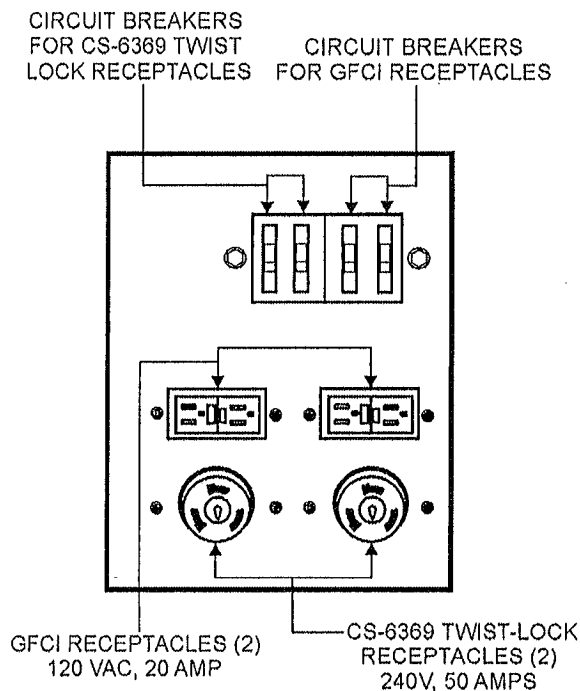
Our soundproof housing allows substantially lower operating noise levels than competitive design. WhisperWatts™ are at home on construction sites, in residential neighborhoods, and at hospitals — just about anywhere.

- (90) — Subway / truck traffic
- (80) — Average city traffic
- (70) — Inside car at 60 mph
- (60) — Air conditioner at 20 feet
- (50) — Normal conversation

WhisperWatt™ at 23 feet

65.0  
DECIBELS

### GENERATOR OUTPUT PANEL



### OPTIONAL GENERATOR FEATURES

- **Battery Charger** — provides fully automatic and self-adjusting charging to the generator's battery system.
- **Jacket Water Heater** — for easy starting in cold weather climates.
- **Low Coolant Level Shutdown** — provides protection from critically low coolant levels. Includes control panel warning light.
- **Trailer Mounted Package** — meets National Highway Traffic Safety Administration (NHTSA) regulations. Trailer is equipped with electronic or surge brakes with single or tandem axle configuration.

### OPTIONAL CONTROL FEATURES

- **Emergency Stop Switch** — when manually activated shuts down generator in the event of an emergency.
- **Audible Alarm** — alerts operator of abnormal conditions.

### OPTIONAL FUEL CELL FEATURES

- **Sub-base Fuel Cells (double wall)** — additional fuel cell for extended runtime operation. Contains a leak sensor, low fuel level switch, and a secondary containment tank. UL142 listed.
- 12 hours of minimum run time.
- 24 hours of minimum run time.

### OPTIONAL OUTPUT CONNECTIONS

- **Cam-Lok Connectors** — provides quick disconnect alternative to bolt-on connectors.
- **Pin and Sleeve Connectors** — provides industry standard connectors for all voltage requirements.
- **Output Cable** — available in any custom length and size configuration.

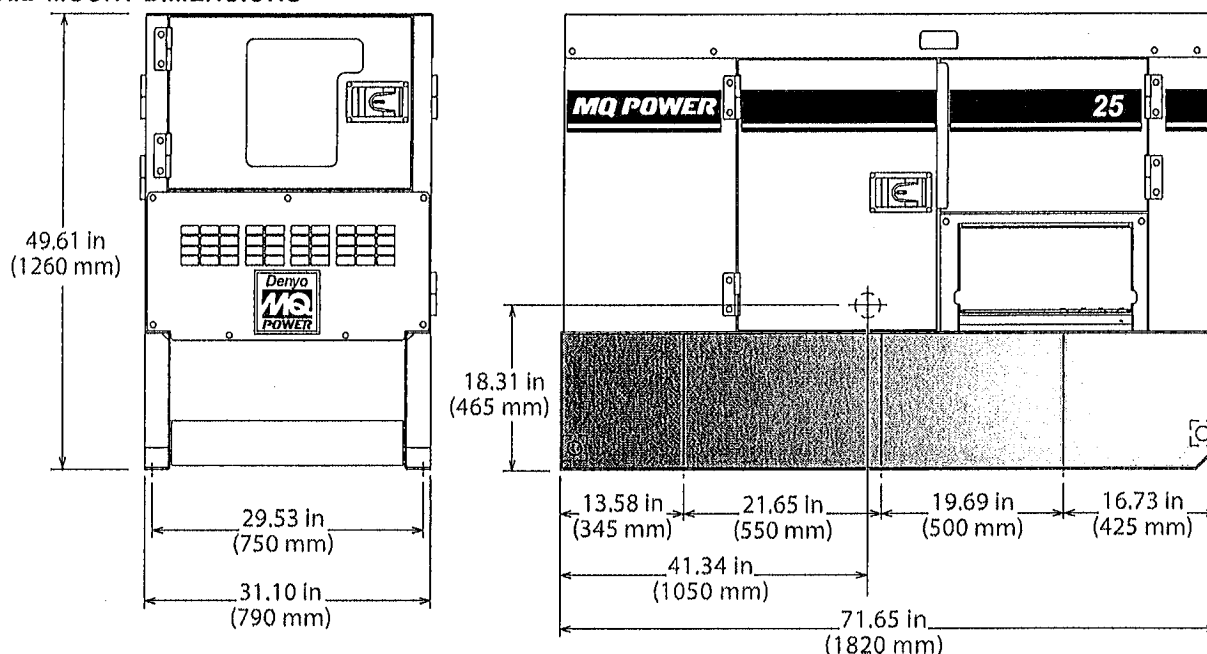




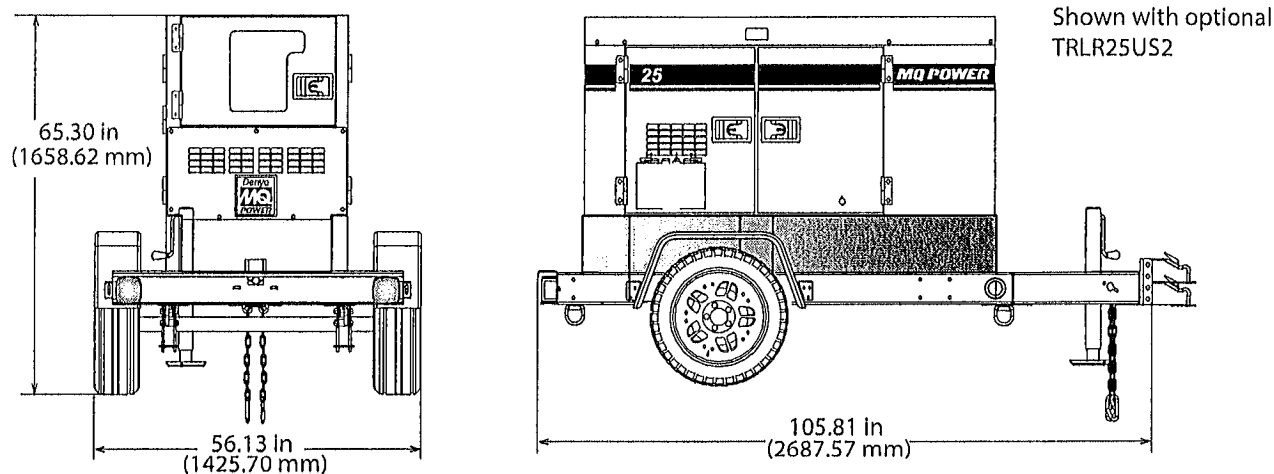
# DCA25SSIU4F

## Generator

### SKID-MOUNT DIMENSIONS



### TRAILER-MOUNT DIMENSIONS



#### DCA25SSIU4F Weights\*

Dry Weight	1,795 lbs. (814 kg)
Wet Weight	2,137 lbs. (969 kg)
Max. Lifting Point Capacity	5,150 lbs. (2,335 kg)

\* Weights do not include options.

#### DCA25SSIU4F and TRLR25US2 Weights\*

Dry Weight (with TRLR25US2)	2,239 lbs. (1,016 kg)
Wet Weight (with TRLR25US2)	2,581 lbs. (1,171 kg)

Generator can be placed on MQ Trailer Models TRLR25US and TRLR75XF2.

#### NOTICE

Features and Specifications are subject to change without notice.



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