

**Regular City Council Meeting**  
**Mountain Lake City Hall – 930 Third Avenue**  
**Monday, May 3, 2021**  
**6:30 p.m.**

**AGENDA**

1. Meeting Called to Order \*Additional information on agenda item is attached or at City Hall
2. Approval of Agenda and Consent Agenda
  - a. Bills: Checks # (at meeting)
  - b. Payroll: Checks # (at meeting)
  - c. Approve March 18 EDA Board Minutes (1-3)
  - d. Approve April 8 Utilities Commission Minutes (4-5)
  - e. Approve April 19 City Council Minutes (6-7)
  - f. Accept Resignation of Sharron Hanson, Planning & Zoning Commission, effective April 28, 2021
  - g. Approve Brian Janzen to the Utilities Commission effective May 3, 2021
  - h. Approve Travis Smith to the Planning & Zoning Commission effective May 3, 2021
3. Public – A total of ten (10) minutes is allotted for individuals to briefly discuss a topic of concern or provide comments to the Council.
4. Conditional Use Permit – Empire Solar, LLC on behalf of Josefina Barvosa
  - a. Review – Conditional Use Ordinance for Solar (8)
  - b. Review – Conditional Use Permit Application (9-17)
  - c. Review – Conditional Use Permit Hearing Form (18-19)
  - d. Review – Notice of Public Hearing & Letter to Surrounding Properties (20-21)
  - e. Review – Draft Findings of Fact (22-23)
  - f. Discussion/Action – Resolution #8-21 Approving Conditional Use Permit – Solar Panels (24)
5. Minor Subdivision – Clifford P. Netsch Revocable Trust
  - a. Discussion/Action – Open Public Hearing
  - b. Review – Minor Subdivision Application (25)
  - c. Review – Draft Findings of Fact (26)
  - d. Discussion/Action – Resolution #9-21 Approving Subdivision of 22.356.0040 (27)
6. Electric Department
  - a. Discussion/Action – Electric Superintendent Position
7. Chamber of Commerce
  - a. Discussion/Action – Letter from Chamber of Commerce President (28)
8. City Attorney
9. City Administrator
10. Adjourn

Economic Development Authority  
Thursday, March 18, 2021  
(rescheduled from Monday, March 15, 2021)  
12:00 Noon to 1:00 p.m.  
Council Chambers

PRESENT: Jerry Haberman, Darla Kruser, Vern Peterson, Mike Nelson, Tim Swoboda, Chuck Stevensen and Steve Syverson. Clara Johnson and Chad Eken, Advisors.

STAFF: Rob Anderson and Tabitha Garloff

GUEST: Caleb Krienke, Krienke Foods International, Inc. (arrived at 12:18 p.m.)

1. CALL TO ORDER: President Haberman called the meeting to order at 12:01 p.m.
2. Motion to Approve Consent Agenda  
Consent Agenda:
  - a. Approval of February 8, 2021 Regular Meeting Minutes.
  - b. Approval of Financial Reports and Bills. Rob reported that M&E Assets paid off the office building loan last month. Motion made and seconded by Vern and Mike to approve the consent agenda as presented. Carried.
2. Update from Caleb Krienke, Krienke Foods International, Inc. Caleb gave an update on Krienke Foods EIDL and PPP loan funds applications and status. Caleb stated there was a 3–4-week delay while he figured out the PPP funding and is expecting \$35,000 in PPP funds in 4-5 days. Caleb is expecting \$70,000 to \$80,000 in orders that are payment on delivery. The amount due to bring lease payments and property tax payments current as of today is \$65,176.86. After April 1<sup>st</sup>, the amount due including April lease payment will be \$74,400.86. Rob stated he has received several phone calls from Krienke customers regarding product shipments and payments. Caleb stated they are changing over to a different phone system. Discussion continued. Jerry stated that phone calls, return phone calls, emails and communication must improve and Caleb must be more responsive. Caleb was excused from the meeting at 12:42 p.m. Motion made and seconded by Steve and Darla that a \$20,000 payment must be received by April 8<sup>th</sup> and remaining balance brought current by April 19<sup>th</sup>. Eviction process will begin if April 8<sup>th</sup> payment is not made. Carried. Darla left the meeting at 12:50 p.m.
4. Daycare. Rob stated he contacted Jackson Daycare Center per the boards request at the February meeting. They expressed no interest in expanding their current daycare. Daycare centers/facilities are facing challenging times with rules and regulations making it difficult to consider expanding or opening a new daycare. Vern suggested reaching out to the ministerial association regarding interest in a daycare facility.
5. Harder Property. Jerry stated the board must decide first if they are interested in the property and if so, consider making an offer on the property. Cost to develop and install infrastructure is \$1.5-2.5 million and could be 20 years before the city would be in a position to develop. Jerry stated the property is available now and for the right price. Darla expressed concerns on purchasing more property before having more lots in the commercial park sold. Discussion continued. Mike suggested getting more information on cold storage

before deciding. Jerry suggested to offer \$6,000 an acre. Motion made and seconded by Steve and Darla to table until next meeting. Carried.

6. Jenny's Subdivision Lots 2 and 3 for Potential Fire/Ambulance Hall Location. Discussion focused on number of lots needed, size of lots, parking and semi parking. Request made to leave on the agenda for April.
7. SCDP Housing Rehab Program, Southwest Minnesota Housing Partnership Contract. Rob gave a brief update on the program. SWMHP is willing to assist the EDA with the contract. The contact fee is \$5,000. Motion made and seconded by Steve and Vern to proceed with the SCDP Housing contract. Carried.
8. Midway Estates:
  - a. Construction Progress. Construction is progressing and they are back on schedule.
  - b. Budget Update. Window treatments were not included in the RFP. Estimated cost of window blinds is \$5,500. This puts the project a little over budget. No more change orders are expected.
  - c. Lease Prospects/Advertising. Tabitha stated 100% of perspective renters do not like the carpet/LVT transition in the living/dining area and would rather have it all LVT. Suggestion is to eliminate the carpet in the single stall units if it does not cause any delay or extra expense. Tabitha will email the board if there is a cost increase.
  - d. Tour of Double Garage Unit Following Meeting
  - e. Matt & Nicolle James Tree. Removing the tree does not qualify for any tree programs. Suggestion was made that if the tree is healthy it stays and if not healthy it could be removed. Rob was directed to follow up with Dave Bucklin on the health of the tree. Rob will email the board with Dave's findings and for their decision.
  - f. Other
9. Mountain Lake Commercial Park:
  - a. Internet/Data Infrastructure. Rob gave an update. There are possibly federal government funds available for infrastructure.
  - b. Other
10. GENERAL DISCUSSION:
  - a. 212 10<sup>th</sup> St. North/EDA Accounting Redirection. Rob gave a brief explanation of the memo. Consensus is to approve the interfund loan resolution at the April board meeting.
  - b. Mowing at Apartments. Tabitha provided a price comparison for the 2 lawn service companies that provided estimates. Motion made and seconded by Mike and Chuck to approve Kulseth Lawn Care for mowing Heritage Estates, Mason Manor and Midway Estates. Carried.
  - c. Next Regular Board Meeting is April 19, 2021
  - d. Other Business. Luke Anderson contacted Mike Nelson inquiring if the EDA would be interested in purchasing the empty lot south/west of Mason Manor. Their plans to build a new home changed due to the rising cost of building materials. No decision was made.

Doug Penner, Palmer Bus Service, contacted Rob inquiring if there is a building that could be utilized as a bus garage, preferably away from downtown. Rob was directed to contact Balzer to see if they have space or a building that would work for Doug.

11. ADJOURN. President Haberman adjourned the meeting at 1:43 p.m.

**Mountain Lake Municipal Utilities Commission Meeting**  
**Mountain Lake City Hall**  
**Thursday, April 8, 2021**  
**7 AM**

Members On-Call: Mark Langland, Sue Garloff, Todd Johnson, David Savage, Council Liaison Dean Janzen

Members Absent: One Vacancy

Staff On-Call: Michael Schulte, Administrator/Clerk; Lynda Cowell, Utilities Office Manager; Jill Falk, Assistant Utilities Office Manager; David Watkins, Electric Lineman; Lane Anderson, Electric Lineman; Taylor Nesmoe, Water/Wastewater Foreman; Scott Pankratz, Water/Wastewater Operator

Others Present: None

**Call to Order**

The meeting was called to order at 7:00 a.m.

**Moment of Silence – In Remembrance of Ron Melson, Electric Superintendent**

A moment of silence was held in remembrance of Ron Melson, who passed away on March 28, 2021. May Ron rest in peace.

**Approval of Agenda, Minutes, and Bills**

Motion by Garloff, seconded by Savage, to approve the agenda, the March 25 Minutes, and Bills #20715 – 20756. Motion carried 4 – 0.

**Electric Department**

The ceiling in the office at the power plant is being worked on. Generator #4, which has had leaks was looked at by a third-party. A maximum price of repair was quoted at \$108,000. The company was asked to come back to investigate further to determine what needs to be done and the repair cost may be lowered. An underground project has started. The administrator and the department have been and continue to discuss the future of the department. Both are researching some logistical items for the department and reaching out to MMUA and other electric superintendents on various technical and day-to-day items.

**Water/Wastewater Department**

The department has been flushing hydrants, discharging the ponds and sending samples, and reviewing the inspection of the jetter and recommended maintenance or repairs.

**OATI – AMI & Tour**

The administrator traveled to Bloomington yesterday for a presentation and tour of OATI software, AMI, and review of their building. OATI provides software that corresponds with AMI infrastructure, such as electric and water meters that is capable of operating their LoRa software. AMI meters read faster and gets near-real time data. It can improve accuracy, provide better data for the utility and customers, eliminate having to physically turn off and on meters, promotes conservation, and many other benefits. OATI works with different vendors of meters and provides the software and gateways needed. OATI is working on a package with other CMPAS members that may reduce the start-ups costs. The administrator will keep learning more and discuss it further with other CMPAS members.

**Adjourn**

The meeting was adjourned at 7:39 a.m.

**Approved April 22, 2021**

ATTEST:

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Michael Schulte, Administrator/Clerk

**City of Mountain Lake  
Regular City Council Meeting  
Mountain Lake City Hall – 930 Third Ave  
Monday, April 19, 2021  
6:30 p.m.**

Members Present: Dean Janzen, Dana Kass, Mike Nelson

Members Absent: Darla Kruser, Andrew Ysker

City Staff Present: Michael Schulte, City Administrator/Clerk; Maryellen Suhrhoff, City Attorney

Others Present: Doug Regehr

**Call to Order**

The meeting was called to order by Mayor Nelson at 6:30 p.m.

**Approval of Agenda & Consent Agenda**

Motion by Janzen, seconded by Kass, to approve the agenda and consent agenda. Motion carried 3 – 0.

Bills: Checks #24813 – 24852, 719E – 722E

Payroll: Checks #65938 – 65968

Approve March 8 Lake Commission Minutes

Approve March 9 Library Board Minutes, March Library Report, & March Expenditures

Approve March 25 Utilities Commission Minutes

Approve April 5 City Council Minutes

Approve Tobacco License Application for Dollar General Store #21288 – 2004 3<sup>rd</sup> Avenue

Approve Resolution #6-21 – Accepting Fire Relief Donation of \$10,000

**Public**

No one spoke during this portion of the meeting.

**Mountain Lake Tree Program**

The 2021 tree removal and planting list was reviewed. All applications were reviewed by the Tree Commission and the presented list is the final list for this year's program. The tree removal list was made public to receive bids from contractors. Dave Bucklin, Tree Commission Chair, marked each removal tree and is lining up a grant request to plant around 100 trees in the Mountain Lake Cemetery, which is a high vulnerability area of the city's drinking water. A total of 132 trees are expected to be planted in city limits. 5 tree removal bids were received. Motion by Janzen, seconded by Kass, to approve Kolander Tree Service of a price of \$4,975 to remove the listed trees. Motion carried 3 – 0.

**Resolution #7-21 Arbor Day Proclamation**

Motion by Janzen, seconded by Kass, to approve Resolution #7-21. Motion carried 3 – 0.

**Electric Superintendent Position**

The job description of the Electric Superintendent position was reviewed. Per union policy, when a vacancy occurs for a union position, the position must be posted internally for 10 days and then externally if needed. Motion by Kass, seconded by Janzen, to approve the job description, post internally, and post externally if needed. Motion carried 3 – 0.

**Mountain Lake Rebate Program**

Rebates for electric appliances have switched to an entirely online based program. Customers can visit the city's website or the link posted in the flier going out in utility bills this month, create an online account, and review and apply for rebates. Frontier Energy, who Mountain Lake contracts with through CMPAS to assist with their conservation improvement program, designed the website and can be contacted by any customer with any questions regarding applying for rebates. Once a rebate application is submitted through the website, office staff are notified to review and approve the rebate. Instructions on how to create an account are listed on the city's website under energy rebates.

**2021 Q1 Revenues & Expenses**

Revenues and expenses to-date were reviewed.

**City Attorney**

Nuisances or previous nuisances at various addresses were discussed. City Attorney Suhrhoff provided updates on court hearings and statuses of each. Utility easements for the electric department are being worked on and the department will be working with affected residents to move overhead wires to underground.

**Board of Appeal & Equalizations**

The Board of Appeal & Equalization meeting will be held at 5:30pm on Monday, April 26 via conference call.

**Adjourn**

The meeting was adjourned at 7:18 p.m.

ATTEST:

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Michael Schulte, Administrator/Clerk



## **SECTION 3.42 SOLAR COLLECTORS AND SOLAR ENERGY SYSTEMS** See Ordinance #2-11

### Subdivision 1      General

- a. Solar collectors and solar energy systems shall be a conditional use in all zoning districts in the City of Mt. Lake.
- b. Solar collectors and solar energy systems must not cast shadows, obstruct solar access or cause wind deflection to a contiguous property.
- c. Solar collectors and solar energy systems must comply with the height restrictions of the zoning district in which it is located.
- d. Free standing solar collectors or solar energy systems must be setback from property lines a minimum of the collector or system height. This setback will ensure a near zero probability of harm to the general public.
- e. Solar collectors or solar energy systems must be compatible in appearance to the principal building.
- f. Solar collectors or solar energy systems cannot be constructed prior to the time of construction of the principal building or structure.

### Subdivision 2      Permit Application Requirements

An application shall be filed with the Zoning Administrator on a form prescribed by the Planning and Zoning Department. In addition to the requirements found in Mt. Lake Code 9.70 Subd. 4 the following information is required:

- a. A description of the solar collector or solar energy system including height and coloring of the panels and poles, and number and size of panels.
- b. Verification that the solar collector or solar energy system has been designed and constructed in compliance with all applicable building and electric codes.
- c. Verification that the solar collector or solar energy system is in compliance with all state and federal regulations regarding co-generation of energy.
- d. The Zoning Administrator may require compliance with any other conditions, restrictions or limitations as deemed reasonably necessary.

## **SECTIONS 3.43 - 3.49. RESERVED.**

## **SECTION 3.50 STREET LIGHT UTILITY**

### Subdivision 1      Purpose

- A. The city may establish a municipal street lighting fee for the purpose of paying electrical charges to maintain the existing street lighting system. The purpose of the street lighting system is to protect the health, safety, and welfare of the city's citizens, visitors, and the general public by casting adequate lighting onto municipal streets so as to promote safe travel for vehicles and pedestrians.

## CONDITIONAL USE PERMIT APPLICATION

City of Mt. Lake

Conditional Use Permit Application Fee \$ 100  
(All fees payable upon submittal of completed application.)

Please complete the application. If the spaces provided are insufficient, use additional sheets.

1. Name of Owner (First) (Middle) (Last) (Phone)

Josefina Mendoza Barvosa

507-822-9086

2. Address of Owner (Street and PO Box) (City) (State) (Zip)

POBOX 281, Mountain Lake, MN 56159

3. Name of Applicant if Different from Owner: (First) (Middle) (Last)

Empire Solar Group LLC - Via Jennifer McMullen, Permit Specialist

937-283-4295

4. Address of Applicant If Different from Above:

14241 Ewing Ave S, Burnsville, MN 55306

5. Street Address of Property Where Conditional Use will be in Effect:

310 S 9th St, Mountain Lake, MN 56159

6. Complete Legal Description of the Property Involved and Its Property Identification Number:

PIN: 221690030

7. State exactly what is intended to be done on or with the property that requires the conditional use permit:

Installation of roof mounted PV solar system. And MPU (Main Panel Upgrade)

8. The following information must be submitted with this application if requested: A. Site Plan (showing parcel and building dimensions); B. Location of all buildings and their square footage; C. Curb cuts, driveways, access roads, parking spaces, off-street loading areas and sidewalks; D. Landscaping and screening plans; E. Drainage plan; F. Sanitary sewer and water plan with estimated use per day; G. Soil types; H. Any additional data reasonably required

Signature: The above statements are true and correct to the best of my knowledge.

Applicant Signature: Jen McMullen

Property Owner Signature: Josefina Barvosa

Date: 3/31/2021



Scott E. Wyssling, PE, PP, CME

**Wyssling Consulting**  
76 North Meadowbrook Drive  
Alpine, UT 84004  
office (201) 874-3483  
swyssling@wysslingconsulting.com

March 20, 2021

Empire Solar Group  
3250 N 750 E  
Layton, UT 84041

Re: Engineering Services  
Barvosa Residence  
310 S 9<sup>th</sup> St, Mountain Lake MN  
6.600 kW System Size

To Whom It May Concern:

Pursuant to your request, we have reviewed the following information regarding solar panel installation on the roof of the above referenced home:

1. Site Visit/Verification Form prepared by Empire Solar Engineers representative identifying specific site information including size and spacing of rafters for the existing roof structure.
2. Design drawings of the proposed system including a site plan, roof plan and connection details for the solar panels. This information was prepared by Empire Solar Engineers and will be utilized for approval and construction of the proposed system.
3. Photographs of the interior and exterior of the roof system identifying existing structural members and their conditions.

Based on the above information we have evaluated the structural capacity of the proposed roof system to support the additional loads imposed by the solar panels and have the following comments related to our review and evaluation:

**Description of Structure:**

The existing residence is typical wood framing construction with the roof system consisting of 2 x 4 dimensional lumber at 24" on center. The attic space is unfinished and photos indicate that there was free access to visually inspect the size and condition of the roof rafters. All wood material utilized for the roof system is assumed to be Doug-Fir #2 or better with standard construction components. The existing roofing material consists of an asphalt shingles. Photos of the dwelling also indicate that there is a permanent foundation.

**A. Loading Criteria Used**

- 123 MPH wind loading based on ASCE 7-16 Exposure Category "B" at a slope of 33 degrees
- 7 PSF = Dead Load roofing/framing      Live Load = 20 PSF      Snow Load = 50 PSF
- 3 PSF = Dead Load solar panels/mounting hardware

Total Dead Load = 10 PSF

*The above values are within acceptable limits of recognized industry standards for similar structures in accordance with the 2020 Minnesota Residential Code (2018 IBC). Analysis performed of the existing roof structure utilizing the above loading criteria indicates that the existing rafters will support the additional panel loading without damage, if installed correctly.*

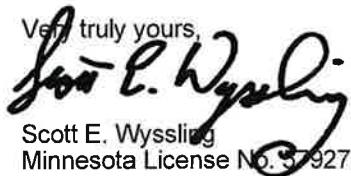
**B. Solar Panel Anchorage**

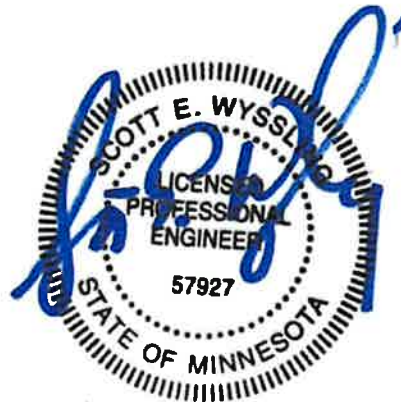
1. The solar panels shall be mounted in accordance with the most recent "*Ironridge Installation Manual*", which can be found on the Ironridge website (<http://ironridge.com/>). If during solar panel installation, the roof framing members appear unstable or deflect non-uniformly, our office should be notified before proceeding with the installation.
2. Maximum allowable pullout per lag screw is 235 lbs/inch of penetration as identified in the National Design Standards (NDS) of timber construction specifications for Doug-Fir (North Lumber) *assumed*. Based on our evaluation, the pullout value, utilizing a penetration depth of 2 ½", is less than what is allowable per connection and therefore is adequate. Based on the variable factors for the existing roof framing and installation tolerances, using a thread depth of 2 ½" with a minimum size of 5/16" lag screw per attachment point for panel anchor mounts should be adequate with a sufficient factor of safety.
3. Considering the roof slopes, the size, spacing, condition of roof, the panel supports shall be placed no greater than 48" o/c.
4. Panel supports connections shall be staggered to distribute load to adjacent rafters.

Based on the above evaluation, it is the opinion of this office that with appropriate connection being utilized the roof system will adequately support the additional loading imposed by the solar panels. This evaluation is in conformance with the 2020 Minnesota Residential Code (2018 IBC), current industry and standards, and based on information supplied to us at the time of this report.

Should you have any questions regarding the above or if you require further information do not hesitate to contact me.

Very truly yours,

  
Scott E. Wyssling  
Minnesota License No. 57927





**Attn:** Corey Geiger, COO, IronRidge Inc.

**Date:** July 24<sup>th</sup>, 2020

**Re:** Structural Certification and Span Tables for the IronRidge Flush Mount System

This letter addresses the structural performance and code compliance of IronRidge's Flush Mount System. The contents of the letter shall be read in its entirety before applying to any project design. The Flush Mount System is a proprietary rooftop mounting system used to support photovoltaic (PV) modules installed in portrait or landscape orientation and set parallel to the underlying roof surface. PV modules are supported by extruded aluminum XR Rails and secured to the rails with IronRidge mounting clamps. The XR Rails are side mounted to a selected roof attachment with 3/8" stainless steel bonding hardware and then attached directly to the roof structure or to a stanchion that is fastened to the underlying roof structure. Assembly details of a typical Flush Mount installation and its core components are shown in Exhibit EX-0015.

The IronRidge Flush Mount System is designed and certified to the structural requirements of the reference standards listed below, for the load conditions and configurations tabulated in the attached span tables.

- ASCE/SEI 7-16 Minimum Design Loads for Buildings and Other Structures (ASCE 7-16)
- 2018 International Building Code (IBC-2018)
- 2020 Minnesota Building Code
- 2020 Minnesota Provisions to the State Building Code
- 2015 Aluminum Design Manual (ADM-2015)

The tables included in this letter provide the maximum allowable spans of XR Rails in the Flush Mount System for the respective loads and configurations listed, covering wind exposure categories B, C, & D, roof zones provided in ASCE 7-16 for gable & hip roof profiles, and roof slopes of 8° to 45°. The tabulated spans are applicable when the following conditions are met:

1. *Span* is the distance between two adjacent roof attachment points (measured at the center of the attachment fastener).
2. The underlying roof pitch, measured between the roof surface and horizontal plane, is 45° or less.
3. The *mean roof height*, defined as the average of the roof eave height and the roof ridge height measured from grade, does not exceed 30 feet.
4. A clearance from the underside of the array to the roof surface of 2" minimum shall be provided and the height of the array, the distance from the module top surface to the roof surface (defined as  $h_2$ ), shall not exceed 10".
5. Module length and area shall not exceed the maximum values listed on the respective span tables.
6. All Flush Mount components shall be installed in a professional workmanlike manner per IronRidge's *Flush Mount Installation Manual* and other applicable standards for the general roof construction practice.

The parameters and adjustments allowed in the span tables are defined as the following:

1. The Flush Mount System is designed as a Risk Category II structure as defined by ASCE 7-16 Table 1.5-1.
2. Wind speed shall conform to ASCE 7-16 Fig. 26.5-1B (for Risk Category II) and applicable state & local county/city amendments to the IBC. No special wind topographic features are included and both topographic coefficient ( $K_{zt}$ ) and wind ground elevation factor ( $K_e$ ) are taken as 1.0.
3. Snow load used in the span tables is the *ground snow* and shall conform to ASCE 7-16 Fig. 7.2-1 and applicable state & local county/city amendments to the IBC. If the local jurisdiction specified snow load is in the format of a *flat roof snow*, it shall first be converted to a *ground snow* following the local building code/ amendments before the application of the attached span tables. No special snow conditions are considered including unbalanced, drifting, sliding, retention, or ponding snow. No rain-on-snow surcharge load is considered. The span tables do not apply to buildings which are intentionally kept below freezing, kept just above freezing, or unheated.
4. The span tables reflect the ASCE 7 prescribed earthquake loads with the maximum magnitudes being:
  - (a) For ground snow no greater than 42psf:  $S_s \leq 2.0g$  for Site Class A, B, C, & D.
  - (b) For ground snow greater than 65psf:  $S_s \leq 1.0g$  for Site Class A, B, C, & D.
  - (c) For ground snow between 42 and 65psf:  $S_s \leq 1.5g$  for Site Class A, B, C, & D.
5. Roof zones are defined by ASCE 7-16 Figure 30.3-2A to Figure 30.3-2I and are organized into three *groups* in which the zones share the same External Pressure Coefficients ( $G C_p$ ). Roof zones comprising each *group* along with each roof zone's size and location are depicted in Figures 2 and 3 below each span table.
6. The maximum rail cantilever length, measured from the rail end to the nearest attachment point, shall be the lesser of the following two conditions: 40% of the allowable span provided for the respective load & configuration condition from the span tables, or 36".
7. Allowable span length in the charts may be multiplied by a factor of 1.08 if the rails are continuous over a minimum of three spans.
8. No rail splices are allowed in the cantilever, outer 2/3 of end spans, or middle 1/3 of interior spans.
9. Shaded cells of the span tables indicate conditions in which UFO Mid Clamp connection capacity is exceeded. If such conditions are encountered contact support@ironridge.com.
10. Systems using CAMO module clamps shall be installed with the following guidance:
  - a) For single module installations (orphan modules) using modules with a length greater than 67.5", CAMO clamps shall not be installed in regions that experience ground snow loads of 70psf and greater. Such scenarios are shown by asterisks in the applicable span tables.
  - b) CAMO will function within a module's design load ratings. Be sure the specific module being used with CAMO meets the dimensional requirements shown in the figure below and that the module selected is suitable for the environmental conditions of a particular project.

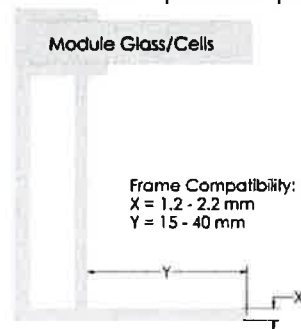


Figure 1: CAMO Module Frame Dimensional Requirements

Span values for *Exposed* and *Edge* module conditions, as defined below, are included in the attached span tables and shall be used when each condition exists. The maximum allowable span for *Exposed* or *Edge* modules shall be the lesser of the following two: (1) The span value for the *Exposed* or *Edge* module condition; (2) The span value determined by site wind speed and ground snow load. Additionally, irrespective of the lesser span, the shaded cells for the *Exposed* and *Edge* module conditions which reflect the UFO clamp usage limitation detailed in note 9 of page 2 shall apply to the respective condition.

#### 1. Exposed Module conditions:

A module is defined as *Exposed* (per Section 29.4.4 of ASCE 7-16) if the distance from any of its free edges (an edge with no connectivity to other modules) to its facing roof edge (such as eave, ridge, rake, or hip) is greater than  $0.5h$  ( $h$  is ASCE defined building height) AND if the distance from its free edge to any other adjacent array or panel is greater than 4 feet.

The allowable spans and cantilever shall only be applied to the portion of rail directly under *Exposed Modules*.

#### 2. Edge Module conditions:

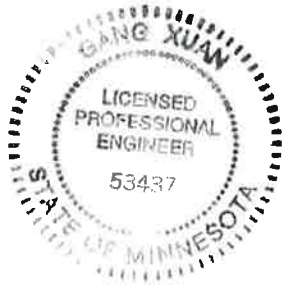
A module is defined as an *Edge Module* when its distance from any side of the module to its facing perimeter roof edge (such as eave, ridge, rake, or hip) is less than 2 times the height of the array ( $2h_2$ ) where  $h_2$  is measured from the roof surface to the top surface of the module.

The allowable spans and cantilever shall only be applied to the portion of rail directly under *Edge Modules*. Additionally, if the roof edge is the eave or ridge, only the rail nearest to that roof edge shall be considered for this span adjustment.



The span tables provided in this letter are certified based on the structural performance of IronRidge XR Rails only with no consideration of the structural adequacy of the chosen roof attachments, PV modules, or the underlying roof supporting members. It is the responsibility of the installer or system designer to verify the structural capacity and adequacy of the aforementioned system components in regards to the applied or resultant loads of any chosen array configuration.

Sincerely,



Gang Xuan, PE

Senior Structural Engineer

Date Sealed:



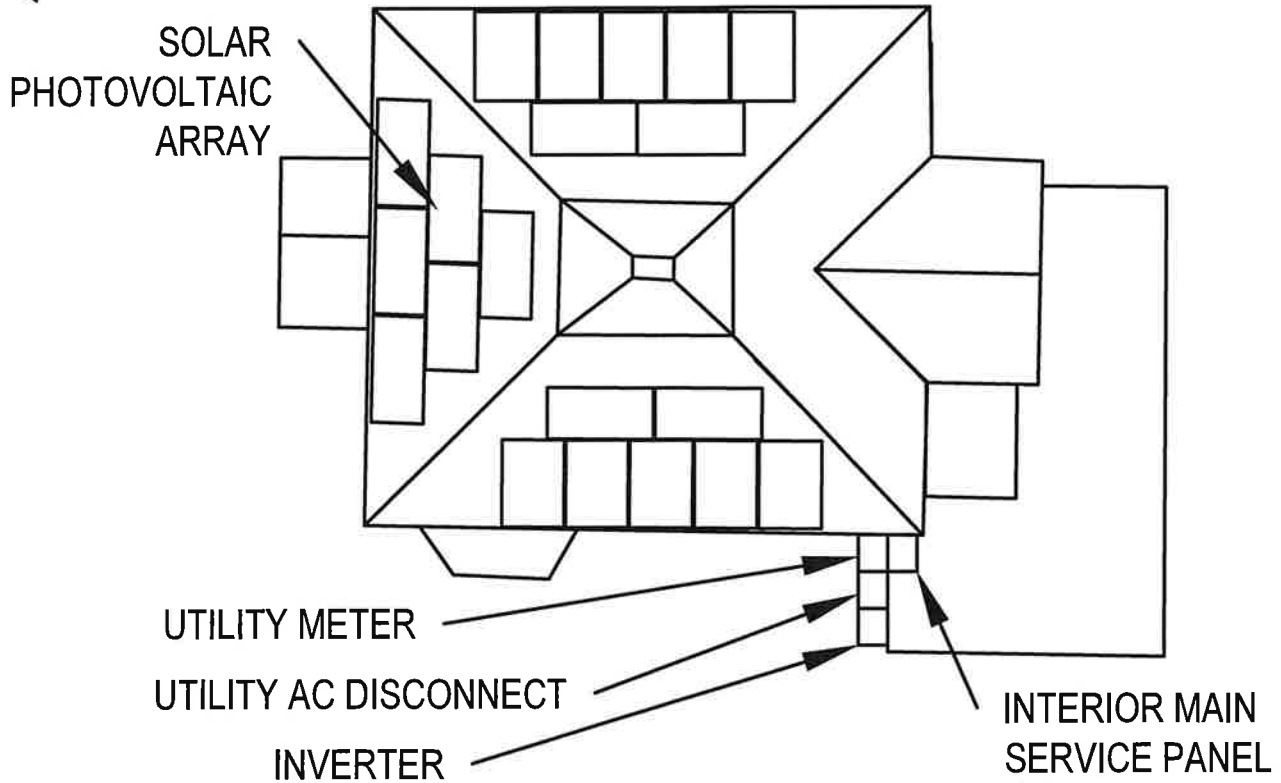
# CAUTION



POWER TO THIS BUILDING IS SUPPLIED FROM THE FOLLOWING  
SOURCES WITH DISCONNECTS LOCATED AS SHOWN



## SERVICE 1 OF 1



**310 S 9TH ST , MOUNTAIN LAKE, MINNESOTA 56159**

# CONDITIONAL USE PERMIT HEARING

City of Mountain Lake, Minnesota

NAME OF APPLICANT: \_\_\_\_\_

ADDRESS of APPLICANT: \_\_\_\_\_

PROPERTY AT: \_\_\_\_\_ LOT # \_\_\_\_\_ BLOCK \_\_\_\_\_ ADDITION \_\_\_\_\_

1. A Public Hearing before the Planning and Zoning Commission on behalf of the above applicant was held on \_\_\_\_\_, 200\_\_\_\_ at the Mountain Lake City Hall beginning at \_\_\_\_\_ o'clock p.m.
2. CURRENT ZONING of the Property for which this Conditional Use Permit is requested? \_\_\_\_\_
3. The Conditional Use requested is a permitted Conditional Use as described in Section \_\_\_\_\_ of the Zoning Ordinance.
4. The following persons spoke for or presented information in FAVOR of the Conditional Use Permit:

Name

Comments


5. The following persons spoke against or presented information OBJECTING to the Conditional Use Permit:

Name

Comments


6. Based on the above and the information provided to the Planning and Zoning Commission at this hearing, the Commission issues the following Findings:

A. That the Conditional Use will not be injurious to the use and enjoyment of other property in the immediate vicinity for the purposes already permitted, nor substantially diminish and impair property values within the neighborhood, except as follows:

--

B. That the establishment of the Conditional Use will not impede the normal and orderly development and improvement of the surrounding vacant property for predominant uses in the area, except as follows:

--

C. That adequate utilities, access roads, drainage and other necessary facilities have been or are being provided, except as follows:

--

Continued on Page 2

D. That adequate measures have been or will be taken to provide sufficient off-street parking and loading space to serve the proposed use, except as follows:

E. That adequate measures have been or will be taken to prevent or control offensive odor, fumes, dust, noise and vibration, so that none of these will constitute a nuisance, and to control lighted signs and other lights in such a manner that no disturbance to neighboring properties will result, except as follows:

F. That proper facilities are provided which would eliminate any traffic congestion or traffic hazard which may result from the proposed Conditional Use, except as follows:

G. There is a demonstrated need for the proposed Conditional Use, except as follows:

H. The proposed Conditional Use is in compliance with the City Comprehensive Plan, except as follows:

7. CONDITIONS OR RESTRICTIONS upon the establishment, location, construction, maintenance, and operation of the Conditional Use for the protection of public interest and to secure compliance with the standards and requirements specified in the Zoning Ordinance as follows:

- A. \_\_\_\_\_
- B. \_\_\_\_\_
- C. \_\_\_\_\_
- D. \_\_\_\_\_
- E. \_\_\_\_\_
- F. \_\_\_\_\_

8. Motion by \_\_\_\_\_ Second by \_\_\_\_\_ to recommend to the City Council that this application be:

APPROVED: \_\_\_\_\_ APPROVED WITH CONDITIONS listed in 7 above: \_\_\_\_\_ DENIED: \_\_\_\_\_ DATE: \_\_\_\_\_

Vote: Yes \_\_\_\_\_ No \_\_\_\_\_ Abstain \_\_\_\_\_

9. REASONS FOR DENIAL OF CONDITIONAL USE PERMIT: \_\_\_\_\_

10. CITY COUNCIL Action: APPROVE: \_\_\_\_\_ APPROVE WITH CONDITIONS: \_\_\_\_\_ DENY: \_\_\_\_\_ DATE: \_\_\_\_\_

\*\*\*\*\*

### ACCEPTANCE OF CONDITIONS OF CONTITIONAL USE PERMIT

I understand and agree to abide by the conditions as set forth by the granting of this Condition Use Permit and also understand that failure to comply with the conditions of the Conditional Use Permit constitutes failure to comply with the Zoning Ordinance which will result in the following: halting of construction, order to take corrective action, being charged with a misdemeanor offense, subject to fines and reimbursement of prosecution costs.

\_\_\_\_\_  
To be signed by the applicant after City Council Action

\_\_\_\_\_  
Date:



City of Mountain Lake  
930 Third Ave – Drawer C  
Mountain Lake, Minnesota 56159  
Phone (507) 427-2999 • Fax (507) 427-3327

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## **NOTICE TO ADJOINING PROPERTY OWNERS**

### **PUBLIC HEARING ON A PETITION TO GRANT A CONDITIONAL USE PERMIT**

#### **CITY OF MOUNTAIN LAKE PLANNING AND ZONING COMMISSION**

April 19, 2021

A petition for a Conditional Use Permit for Parcel Number 22.169.0030, described as LOT 2 EX TR COMMENCING AT SW CRN LOT 2, THENCE E TO SE CRN, THENCE N15', THENCE W TO W LINE 10' N OF SW CRN, THENCE S 10' TO POB – 310 9<sup>th</sup> Street South has been filed by Empire Solar Group LLC for property owner Josefina Mendoza Barvosa.

The Conditional Use Permit petition has been submitted for the purpose of allowing roof solar panels in the residential district in accordance with Mountain Lake City Code Chapter 3, Section 42, Subdivision 1.

A public hearing will be held by the City of Mt. Lake Planning and Zoning Commission on Monday, May 3, 2021 at 5:30 p.m at City Hall – 930 Third Ave. At the public hearing you may speak in opposition to or in support of the proposed Conditional Use Permit.

Planning and Zoning Commission meetings are public meetings and are open to the public. Attendance at this public hearing is not limited to those receiving this Notice. If you know of any neighbor or affected property owner who did not received this Notice please inform them of this public hearing.

If you have any concerns or further questions about the proposed use of the property, please contact the City Administrator, Michael Schulte.

Respectfully,

City of Mountain Lake Planning & Zoning Commission

## **Notice of Public Hearing**

The City of Mountain Lake Planning and Zoning Commission will meet on Monday, May 3, 2021 at 5:30 PM at City Hall – 930 Third Avenue, for the purpose of conducting a public hearing on the advisability of approving a conditional use permit for roof solar panels submitted by Empire Solar Group LLC for property owner Josefina Mendoza Barvosa, Parcel Number 22.169.0030, 310 9<sup>th</sup> Street South.

Such persons that desire to be heard with reference to this proposed Conditional Use Permit will be heard at this meeting. Written comments can be sent to City Hall, P. O. Box C, prior to the above hearing date.

Dated: April 21, 2021

By Order to the Planning and Zoning Commission

**Conditional Use  
FINDINGS OF FACT  
Parcel Number 22.169.0030**

Legal Description: LOT 2 EX TR COMMENCING AT SW CRN LOT 2, THENCE E TO SE CRN, THENCE N15', THENCE W TO W LINE 10' N OF SW CRN, THENCE S 10' TO POB

Cook's Addition

Physical Address: 310 9<sup>th</sup> Street South

1. The conditional use was submitted in compliance with city code. *An application has been completed by Empire Solar, LLC on behalf of Josefina Barvosa as required by Mountain Lake Code 3.42 Subd. 2.*
2. The conditional use request was made public in compliance with city code and state law. *The Notice of Public Hearing was published at least 10 days but no more than 30 days in the Mountain Lake/Butterfield Observer/Advocate, posted in City Hall and on the city's website. Property owners within 350' of the property received mailed notification of the hearing.*
3. The conditional use will not be injurious to the use and enjoyment of other property in the immediate vicinity for the purposes already permitted, nor substantially diminish and impair property values within the neighborhood. *The proposed conditional use is listed in Mountain Lake Code 3.42, Subdivision 1. The proposed location is in a residential zoned district. The solar collectors will be installed on the roof of the dwelling. Josefina Barvosa owns the property.*
4. The establishment of the conditional use will not impede the normal and orderly development and improvement of the surrounding vacant property for predominant uses in the area. *The lot is developed with a dwelling and attached garage. The solar collectors will not impede neighboring properties as the collectors will be installed on the roof of the dwelling, which is already existing.*
5. That adequate utilities, access roads, drainage and other necessary facilities have been or are being provided for the conditional use. *The property is connected to city utilities. An interconnection application will be applied for upon approval of the conditional use permit and building permit application. Mountain Lake Municipal Utilities will review the system specifications and interconnection requirements.*
6. That adequate measures have been or will be taken to provide sufficient off-street parking and loading space to serve the conditional use. *N/A*
7. That adequate measures have been or will be taken to prevent or control offensive odor, fumes, dust, noise and vibrations, so that none of these will constitute a nuisance and to control lighted signs and other lights in such a manner that on disturbance to

neighboring properties will result. Nuisances will be minimal or non-existent. The house will generate no fumes, dust, noise, or vibrations.

8. That proper facilities are provided which would eliminate any traffic congestion or traffic hazard, which may result from the proposed conditional use. N/A

9. There is a demonstrated need for the proposed conditional use. MN Statutes and City Ordinances allow for renewable energy interconnections as long as it meets listed criteria.

10. The proposed conditional use is in compliance with the City Comprehensive Plan. While solar panels are not specifically mentioned in the City Comprehensive Plan, there is an Environment Element component of the plan to promote the well being of the environment in Mountain Lake.



**DRAFT - RESOLUTION #8-21**

**A RESOLUTION APPROVING A CONDITIONAL USE PERMIT TO  
ALLOW ROOF SOLAR COLLECTORS ON A RESIDENTIAL ZONED LOT – PARCEL  
ID 22.169.0030 – 310 9<sup>th</sup> STREET SOUTH**

**CITY OF MOUNTAIN LAKE, MINNESOTA**

WHEREAS, Josefina Barvosa is the current owner of the above named property; and

WHEREAS, the owner intends to install roof solar collectors as allowed in Section 3.42,  
Subdivision 1 & 2; and

WHEREAS, said property is presently zoned as ‘R’ Residential Use District classification, wherein  
solar collectors are an allowable conditional use; and

WHEREAS, Empire Solar, LLC, on behalf of the property owner, submitted to the City an  
application for a conditional use permit to allow solar collectors on the above named property as set  
forth in Mountain Lake City Code Section 3.42; and

WHEREAS, the City of Mountain Lake Planning and Zoning Commission conducted a public  
hearing on Monday, May 3, 2021 to consider said conditional use permit application and at the  
conclusion of said hearing passed a motion recommending the approval of a conditional use permit  
with no further conditions; and

WHEREAS, the Mountain Lake City Council upon the recommendation of the Planning and  
Zoning Commission considered granting a conditional use permit to allow solar collectors at the  
above named property;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF  
MOUNTAIN LAKE, MN: That a conditional use permit allowing solar collectors on the above  
named property is hereby approved; and,

BE IT FURTHER RESOLVED BY SAID CITY COUNCIL that this Resolution shall become  
effective after its passage and approval.

PASSED AND ADOPTED by the City Council of the City of Mountain Lake, MN on this 3<sup>rd</sup> day  
of May, 2021.

ATTEST:

\_\_\_\_\_  
Mike Nelson, Mayor

\_\_\_\_\_  
Michael Schulte, City Administrator/Clerk

City of Mountain Lake  
Petition for Minor Subdivision

Name of Current Owner: Clifford P. Netsch Revocable Trust

Address: c/o Paul Muske, P.O. Box 143, Springfield, MN 56087

Parcel Number and Legal Description: 223560040 Lot 4, Block 1, Hoffman's Subdivision

Current Lot Width: 135.66 Current Lot Depth: 241.5

Current Square Footage: 32,762

The current lot is zoned: Residential

Give width, depth, and square footage of each parcel after the proposed split. (Use back side if necessary.)

Parcel 1. 135.66 x 133.0 18,043 sq. ft.

Parcel 2. 135.66 x 108.5 14,719 sq. ft.

Parcel 3.

Names and addresses of each owner after the proposed split.

Parcel 1. Trevor & Crystal Fast, 1719 7th Ave., Mountain Lake, MN

Parcel 2. Zachary W. Romsdahl, 820 5th St. N., St. James, MN

Parcel 3. \_\_\_\_\_

Are the new parcels being attached to existing parcels? If so give the parcel number that the new parcel is being attached to.

1. N/A

2. \_\_\_\_\_

3. \_\_\_\_\_

\*\*\*\*\*

On a copy of the plat or another map draw location of utility lines, roads, drive-ways and easements for all parcels.

## **DRAFT Findings of Fact**

### **Split/Subdivision of Parcel Identification Number (PIN) 22.356.0040 City of Mountain Lake**

#### **FACTS**

1. Clifford P. Netsch Revocable Trust is the owner of Parcel ID 22.356.0040. The owner of the requested split lot will be Trevor & Crystal Fast – 1719 7<sup>th</sup> Avenue, Mountain Lake, MN
2. An application to split/subdivide the Parcel has been filed by Clifford P. Netsch Revocable Trust in accordance with Section 10.10 Subdivision 6 of Mountain Lake City Code.
3. A notice of the public hearing for 5:30 p.m. May 3, 2021 was published in the April 21, 2021 Mountain Lake Observer/Advocate. A notice was mailed to adjacent property owners on April 19 as required by *Section 10.10 Subdivision 6 of Mountain Lake City Code*.
4. The Parcel is currently zoned Residential (R).
5. The Parcel abuts 6<sup>th</sup> Avenue to the south, private residential properties to the east and west, and 7<sup>th</sup> Avenue to the north.
6. The Parcel currently has a dwelling with an attached garage located on the south portion of the parcel. A tree line creates a natural barrier between the proposed split and the north portion is vacant with grass.
7. Following the split/subdivision, Parcel 1 will be 135.66 feet by 133 feet with a total of 18,043 square feet, which meets the minimum square footage and width requirements. Parcel 2 will be 135.66 feet by 108.5 feet with a total of 14,719 square feet, which meets the minimum square footage and width requirements.
8. The spit/subdivision will not affect the owners' ability to access to public streets and utilities.
9. The split/subdivision will not lessen the parcels' current ability to comply with the requirements of *Section 9.50 General Requirements, Subdivision 4 Parking and Loading Requirements* and *Section 9.56 Performance Standards of Mt. Lake City Code*.

**DRAFT - RESOLUTION #9-21**

**APPROVING THE SUBDIVISION OF  
PARCEL NUMBER 22.356.0040 IN HOFFMAN'S SUBDIVISION**

**CITY OF MOUNTAIN LAKE**

WHEREAS, the Planning and Zoning Commission and City Council of the City of Mountain Lake, Minnesota have reviewed and approved the Subdivision of Exhibit A (attached)

WHEREAS, the subdivisions meets minimum lot size and lot width requirements as required in Section 9.11 Subdivision 5 for both the original and new parcels for approved residential uses,

WHEREAS, a public hearing was held at 5:30 p.m. on Monday, May 3 where documents and the application to divide were reviewed and no objections were made to such subdivision in Exhibit A,

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Mountain Lake, Minnesota that the Subdivision attached (Exhibit A) is hereby approved and the Mayor and the City Administrator/Clerk are authorized to sign.

Adopted this 3<sup>rd</sup> day of May, 2021.

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Mike Nelson, Mayor

ATTEST:

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Michael Schulte, City Administrator/Clerk



930 Third Avenue, Box C  
Mountain Lake, MN 56159  
Phone: (507)427-2999, ext. 3 or 4

April 28, 2021

Mayor Mike Nelson & Members of the City Council,

The COVID-19 pandemic has ravaged the U.S. over the past year. Since early March 2020, our country has seen over 32 million cases of the virus and over 570,000 deaths. Every citizen, business, organization, and government entity has been negatively impacted by the virus.

During this difficult time, pharmacists have been on the front lines managing and preventing the spread of COVID-19. Now, with the availability of several vaccines to prevent the virus, we have taken a turn in the right direction and most every person that wants a vaccine has had access to a shot. Pharmacy vaccinators across the county have been crucial health partners for increasing access and convenience of COVID-19 vaccines. This is true in Mountain Lake. Peterson Pharmacy & Gifts has provided over 2,000 vaccines to residents, many of whom are elderly and would otherwise not have close and relatively easy access to the vaccine. Peterson Pharmacy & Gifts has had their business disrupted in immeasurable ways from the beginning by helping the community understand the impacts of a worldwide pandemic, by providing medicines to the sick during the height of transmission, and to training and administering vaccines. The pharmacists and staff at Peterson Pharmacy & Gifts have done this great service to the community with compassion, and without complaint.

Since Vern and Cheryl Peterson first opened Peterson Drug & Gifts over 37 years ago, they have been servants to the community. For many years Peterson Drug has been a member of the Mountain Lake Chamber of Commerce supporting countless community and business events such as the annual Easter Egg Hunt and Pow Wow to name a few. This dedication to the community persists today under new owner Erica Schroeder. Erica is the person responsible for the store's incredible response to the COVID crises and vaccination of a community. On behalf of the Board of Directors of the Mountain Lake Chamber of Commerce, I would like to request that the City Council of the City of Mountain Lake proclaim, Friday May 21<sup>st</sup> as Peterson Pharmacy & Gifts Day in the City of Mountain Lake. With your approval of the Chamber's request, a special proclamation will be prepared for the Council to act upon at your May 17<sup>th</sup> council meeting. We hope that you will join the Chamber to honor this special Mountain Lake business.

Sincerely,

Sue Garloff, President  
Mountain Lake Chamber of Commerce