



CITY OF REEDSBURG
134 South Locust Street, PO Box 490
Reedsburg, WI 53959
PH. 608-524-6404 FAX. 608-524-8458
www.reedsburgwi.gov

**Zoning Board of Appeals Agenda
September 17, 2024
Reedsburg City Hall Council Chambers
12:00 PM**

DUE TO THE RESTRICTIONS CAUSED BY THE COVID-19 PANDEMIC, SOME VOTING MEMBERS MAY BE PRESENT VIA TELECONFERENCE OR VIDEO CONFERENCE, AS PROVIDED BY THE RECOMMENDATIONS OF THE WISCONSIN DEPARTMENT OF JUSTICE. [HTTPS://WWW.DOJ.STATE.WI.US/NEWS-RELEASES/OFFICE-OPEN-GOVERNMENT-ADVISORY-CORONAVIRUS-DISEASE-2019-COVID-19-AND-OPEN-MEETINGS](https://www.doj.state.wi.us/news-releases/office-open-government-advisory-coronavirus-disease-2019-covid-19-and-open-meetings)

NOTICE IS HEREBY GIVEN THAT A MAJORITY OF THE MEMBERS OF THE COMMON COUNCIL MAY ATTEND THIS MEETING TO GATHER INFORMATION ABOUT A SUBJECT OVER WHICH THE COMMON COUNCIL HAS DECISION-MAKING AUTHORITY. IF A QUORUM OF THE COMMON COUNCIL ATTENDS THIS MEETING, NO ACTION WILL BE TAKEN BY THE COMMON COUNCIL AT THIS MEETING.

CALL TO ORDER

APPROVAL OF MINUTES

**I. APPROVE MINUTES FOR THE MEETING HELD ON AUGUST 26, 2024
:**

THE COMMITTEE WILL RECEIVE INFORMATION ON NON-AGENDA TOPICS BROUGHT BEFORE THE COMMITTEE BY MEMBERS OF THE PUBLIC. THE COMMITTEE WILL NOT DISCUSS THESE TOPICS, AND WILL NOT TAKE ACTION ON ANY OF THEM AT THIS MEETING

I. GENERAL BUSINESS:

- A. Consider a zoning variance request to replace a dilapidated shed with a solar canopy. The proposed canopy would further exceed the 2000 square foot size limit for accessory structures per §690 Attachment 1. – 1551 N Dewey Ave; Parcel #276-1450-20000 – Richard & Mary Lou Larson

II. ADJOURN:



The City of Reedsburg does not discriminate on the basis of disability in the admissions or access to, or treatment of or employment in, its programs or activities. Disability-related aids or services, including printed information in alternate formats, to enable persons with disabilities to participate in public meetings and programs are available by calling (608) 524-6404. To be able to meet the needs of a request for a different format contact the City Clerk-Treasurer at 134 S. Locust Street, Reedsburg, WI at least 48 hours prior to the commencement of the meeting so that any necessary arrangements can be made to accommodate each request.

City of Reedsburg
Zoning Board of Appeals Minutes
August 26, 2024

Present: Nathan Johnson, Walter Luepke, Richard Braun, and Jerry Zuhlke
Absent: Jesse Arias and Arthur Biesek
Others: Brian Duvalle

Chair Nathan Johnson called the meeting to order at 12:00 PM.

Motion by Luepke, seconded by Zuhlke to approve the minutes from the 12/19/23 meeting.

Motion approved 4-0

Consider a zoning variance request for a proposed fence to be less than the required 12' minimum front setback. – 440 S Park Street – Parcel #276-1369-00000 – Tina Oliver

Oliver proposes a 6'-high fence to be placed 3'- 4' from the sidewalk (front lot line). The ordinance requires a 12' front setback and 15' vision triangle near the alley. This proposed location would allow for more usable yard space, such as for their dogs and a possible future pool. Braun asked if it would be enclosed, which it would. Discussion held on any neighbor comments (none) and the ROW distance (typically 13' from the curb).

Motion by Johnson, seconded by Braun to approve a 5' front setback with the fence being in line with the SW corner of the house/garage.

Motion approved 4-0

Consider a zoning variance request for a proposed attached garage addition to be less than the required 25' rear setback. – 1108 Riverview Rd; Parcel #276-1063-00000 – Robert Schreiber

Schreiber proposes to add onto the existing garage with a 17' rear setback. Discussion was held on the neighboring property not being generally buildable (access, floodplain, wetlands) and instead buying it from the neighbor. The nearby creek also does not allow for better placement of a garage. Discussion held on accessing the rear of the lot.

Motion by Braun, seconded by Luepke to approve the variance as presented and with garage siding to match the house siding color.

Motion approved 4-0

Review Code of Ethics

Forms were signed and submitted.

Motion approved 4-0

Motion by Zuhlke, seconded by Luepke to adjourn at 12:45 pm.

Motion approved 4-0

Respectfully submitted,

Brian Duvalle
Zoning Administrator

Staff Report

DATE OF MEETING: 9/17/24

APPLICANT: Richard & Mary Lou Larson

LOCATION: 1551 N Dewey Ave; Parcel #276-1450-20000

ZONING: R-2 Residential

PROPOSED LAND USE REQUEST: Zoning Variance

DESCRIPTION OF PROPERTY/IMPROVEMENTS: Consider a zoning variance request to replace a dilapidated shed with a solar canopy. The proposed canopy would further exceed the 2000 square foot size limit for accessory structures per §690 Attachment 1.

General Findings

SURROUNDING LAND USES:

- North – Multi-family dwelling
- West – Single-family dwelling
- South – Single-family dwelling
- East – Single-family dwelling

ZONING:

- North- R-3 Residential
- West- R-2 Residential
- South- R-2
- East- R-2

TOPOGRAPHY: Slopes down to SE

STREET R.O.W./TRAFFIC/ACCESS: N Dewey Ave; 66' ROW

ENVIRONMENTAL HAZARDS/CONDITIONS: None known

COMPREHENSIVE PLAN DESIGNATION: Low-density Residential

COMMENTS

ADMINISTRATOR:

AMBULANCE:

FIRE:

POLICE:

PUBLIC WORKS:

SCHOOL:

UTILITIES:

OTHER:

Variance Findings – § 690-12(B)

1. The variance will not be contrary to the public interest.
2. Substantial justice will be done by granting the variance.
3. The variance is needed so that the spirit of the ordinance is observed.
4. Due to special conditions, a literal enforcement of the provisions of the zoning ordinance will result in unnecessary hardship.
 - a. The Board finds that the parcel is zoned R-2 Residential.
 - b. The Board finds that the property contains a single-family dwelling with detached garage.
 - c. The Board finds that the property size is roughly 35,700 SF in size.
 - d. The Board finds that §690-Schedule 1 limits accessory buildings to 2,000 SF total.
 - e. The Board finds that a 17'9" X 35'9" solar canopy is proposed.
 - f. The Board finds that the existing garage is over 2,000 SF.
 - g. The Board finds that the proposed location contained a former shed/canopy
 - h. The Board finds that the property is on N Dewey Ave.
 - i. The Board finds that the side setback would be 12'.

STAFF COMMENTS: The applicant stated that this would replace a dilapidated shed, but it looks to me on Google that it was a canopy too. Regardless, this canopy is larger in square footage than the former structure. The existing detached garage is already over the 2000 SF by itself.

Exhibit List

- A. City of Reedsburg Comprehensive Plan
- B. Zoning Ordinance, City of Reedsburg, Wisconsin
- C. September 17, 2024, ZBA Agenda
- D. Land Use Change Application
- E. Staff Report
- F. Notice of Public Meeting

Revised 10/22

City of Reedsburg Land Use Application

134 S. Locust St.
PO Box 490
Reedsburg, WI 53959

Ph: 608-524-6404
Fax: 608-524-8458
bduvalle@ci.reedsburg.wi.us

APPLICANT: Richard & Mary Lou Larson

ADDRESS: 1551 N Dewey Ave **CITY:** Reedsburg **STATE:** WI

ZIP: 53913 **PHONE:** 608-289-2572 **PARCEL #:** 276-1450-20000

E-MAIL: marloularson@gmail.com

PROPERTY OWNER: (if different from Applicant) _____

LOCATION: (if different from address above) _____

LAND USE REQUEST

(Please describe one or more as applicable – attach extra pages/maps if necessary)

☐ **Certified Survey Map (CSM):** _____

☐ **Conditional Use Permit:** _____

For *CONDITIONAL USE PERMIT* requests, also answer “A, B & C” on back page.

☐ **Preliminary Plat:** _____ **Final Plat:** _____ **Name of Plat:** _____

☐ **Rezoning - From:** _____ **To:** _____ **TID #** _____

☐ **Site Plan Review:** (See “B & C” on back page) _____

☐ **Zoning Appeal / Interpretation:** _____

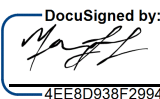
☒ **Zoning Variance:** Solar canopy replacing shed. Roof was falling in and was infested with bugs

For *VARIANCE* requests, also answer “D” on back page.

☐ **Other or Annexation:** _____

AFFIDAVIT

I certify that the information and plans submitted are true and accurate to the best of my knowledge. I also give permission to City zoning officials to enter my property for inspection purposes and for a temporary Zoning sign to be placed in my yard prior to the meeting.

DocuSigned by:

4EE8D938F2994D6...

8/22/2024

Applicant Signature / Date

Owner Signature / Date

Account #10-461500-00

***The applicant or representative
MUST ATTEND the meeting(s).***

G:\wpnet\Zoning - Planning\Land Use Appl.doc

Cond Use Permit	\$200	_____
Cond Use-Agriculture	\$400	_____
Variance	\$125	_____
Rezoning	\$200	_____
C.S.M.	\$175	_____
Subdivision Plat	\$610	_____
- w/ Stormwater Plan	\$100	_____
Site Plan Review	\$175	_____
Annexation	\$200	_____
Plan Amend	\$200	_____
Date Paid		_____
Receipt #		_____

A. Please describe how your request meets each of the following Conditional Use standards, as applicable.

- A. Proposed operation. No conditional use shall be approved by the Plan Commission unless it finds that the use for which such permit is sought will not be injurious to the neighborhood or otherwise detrimental to the public welfare and will be in harmony with the general purpose of this chapter and will not place demands on fire, police, or other public resources in excess of current capacity.
- B. Character and use of adjoining buildings and those in the vicinity. The proposed conditional land use shall not involve uses, activities, processes, materials, or equipment that would create a substantially negative impact on other conforming properties in the area by reason of traffic, noise, smoke, fumes, glare, and odors.
- C. Utilities. The proposed conditional land use will be adequately served by electric, water & sewer facilities and refuse collection & disposal services.

B. Please describe how your request meets each of the following Site Plan standards, as applicable.

- A. Topography and vegetation. The site plan shall be designed so that there is a limited amount of change in the overall natural contours of the site and shall minimize reshaping in favor of designing the project to respect existing features of the site in relation to topography, the size and type of the lot, the character of adjoining property, the minimization of tree and soil removal and the type and size of buildings. The site shall be developed so as not to impede the normal and orderly development or improvement of surrounding property for uses permitted in this chapter.
- B. Stormwater. Special attention shall be given to proper site drainage so that removal of stormwaters will not adversely affect neighboring properties.
- C. Emergency Services. All buildings shall be so arranged as to permit emergency vehicle access by some practical means.
- D. Exterior lighting shall be arranged as follows:
 - (1) It is deflected away from adjacent properties.
 - (2) It does not impede the vision of traffic along adjacent streets.
 - (3) It does not unnecessarily illuminate night skies.
- E. Traffic generation, circulation and parking areas. The arrangement of public or common ways for vehicular and pedestrian circulation shall respect the pattern of existing or planned streets and pedestrian or bicycle pathways in the area.
- F. Architectural plans; existing and proposed structures. The proposed conditional land use shall be designed, constructed, operated, and maintained so to complement the surrounding area. Physical buffers shall be added as needed for neighboring conformance.
- G. Consistency with other plans and statutes. Site plans shall conform to all applicable requirements of City, state and federal statutes and the City of Reedsburg Comprehensive Plan, and approval may be conditioned on the applicant receiving necessary City, state and federal permits.

C. Site Plan Requirements, as applicable.

- (A) North arrow
- (B) Location of property lines, dimensions, and setbacks.
- (C) Location of existing and proposed public roads, rights-of-way and private easements of record.
- (D) Location of existing water bodies, surface drainage ways, stormwater controls, floodplains, and wetlands.
- (E) Location of existing and proposed buildings.
- (F) Location of parking areas and all exterior lighting.
- (G) Location of all loading / unloading areas.
- (H) Location of all sidewalks, walkways, bicycle paths and areas for public use.
- (I) Location of all utilities on the site.
- (J) Location and specifications for all fences, walls, and other screening features.
- (K) Location and specifications for all existing and proposed perimeter and internal landscaping.
- (L) Location and specifications for screening of all trash receptacles and other solid waste disposal facilities.
- (M) Location and specifications for proposed signs.
- (N) Elevation drawings for proposed commercial structures.
- (P) Floor plans, when needed to determine the number of parking spaces required.

D. Please describe how your request meets each of the following Variance standards. Attach additional pages if needed.

To grant a variance, the Board of Appeals must find four things:

- 1) The variance will not be contrary to the public interest.
- 2) Substantial justice will be done by granting the variance. _____
- 3) The variance is needed so that the spirit of the ordinance is observed.
- 4) Due to special conditions, a literal enforcement of the provisions of the zoning ordinance will result in unnecessary hardship.

Variance Hardship. A property owner bears the burden of proving "unnecessary hardship" by demonstrating either of the following:

- 1) For an area variance, that strict compliance with a zoning ordinance would unreasonably prevent the property owner from using the property for a permitted purpose or would render conformity with the zoning ordinance unnecessarily burdensome.
- 2) For a use variance, that strict compliance with a zoning ordinance would leave the property owner with no reasonable use of the property in the absence of a variance. In both situations, the property owner bears the burden of proving that the unnecessary hardship is based on conditions unique to the property, rather than personal considerations, and that the unnecessary hardship was not created by the property owner.



City of Reedsburg GIS

DISCLAIMER: The City of Reedsburg Does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.



SCALE: 1" = 35'

CITY OF REEDSBURG

134 S. Locust Street
PO Box 490
Reedsburg, WI 53959
608-524-6404

Print Date: 9/5/2024

City of Reedsburg 134 S Locust St Reedsburg, WI 53959 608-768-3354	REEDSBURG BUILDING PERMIT APPLICATION	Parcel #
Permit Request(s): ☐ Zoning ☐ Construction ☐ Electric ☐ Plumbing ☐ HVAC ☐ Demolition ☐ Early Start ☐ Right-of-Way (ROW)		
Project Location Address		Email
Owner Name		Address
Phone		Setbacks: Front _____ Side _____ Side _____ Rear _____
Construction Contractor	Address	Phone
		DC # DCQ # Lead Paint #
Electrical Contractor	Address	Phone
		Master # Contractor #
Plumbing Contractor	Address	Phone
		Master #
HVAC Contractor	Address	Phone
		License #
Excavation Contractor	Address	Phone
		License #
BRIEFLY DESCRIBE PROJECT _____ _____ _____		
ESTIMATED PROJECT COST: \$ _____		
I agree to comply with all applicable codes, statutes and ordinances and with the conditions of this permit. I understand that the issuance of this permit creates no legal liability, express or implied, on the State of Wisconsin or the City of Reedsburg. I certify that all the above information is accurate to the best of my knowledge and that permit fees are not refundable. If I am an owner applying for the permit, I have read the cautionary statements on the reverse of this application form.		
 Signature of Applicant _____ Date		
//////////// FOR OFFICE USE BELOW \\\\\\\\\\\\\\\生		
Conditions of Approval _____ _____ _____		
FEES ☐ Zoning ☐ Construction ☐ Electric ☐ Plumbing ☐ HVAC ☐ Sewer Impact ☐ Park Impact ☐ Demolition ☐ Early Start ☐ ROW \$ _____ TOTAL	Permit(s) Issued: ☐ Zoning ☐ Construction ☐ Electric ☐ Plumbing ☐ HVAC ☐ Demolition ☐ Early Start ☐ ROW	Fees Paid: ☐ Cash ☐ Check ☐ Credit _____ Date
Permit Issued By: _____ Name _____ License # _____ Date _____		

P: 608-356-0830, **E:** lisa@allskyenergy.com

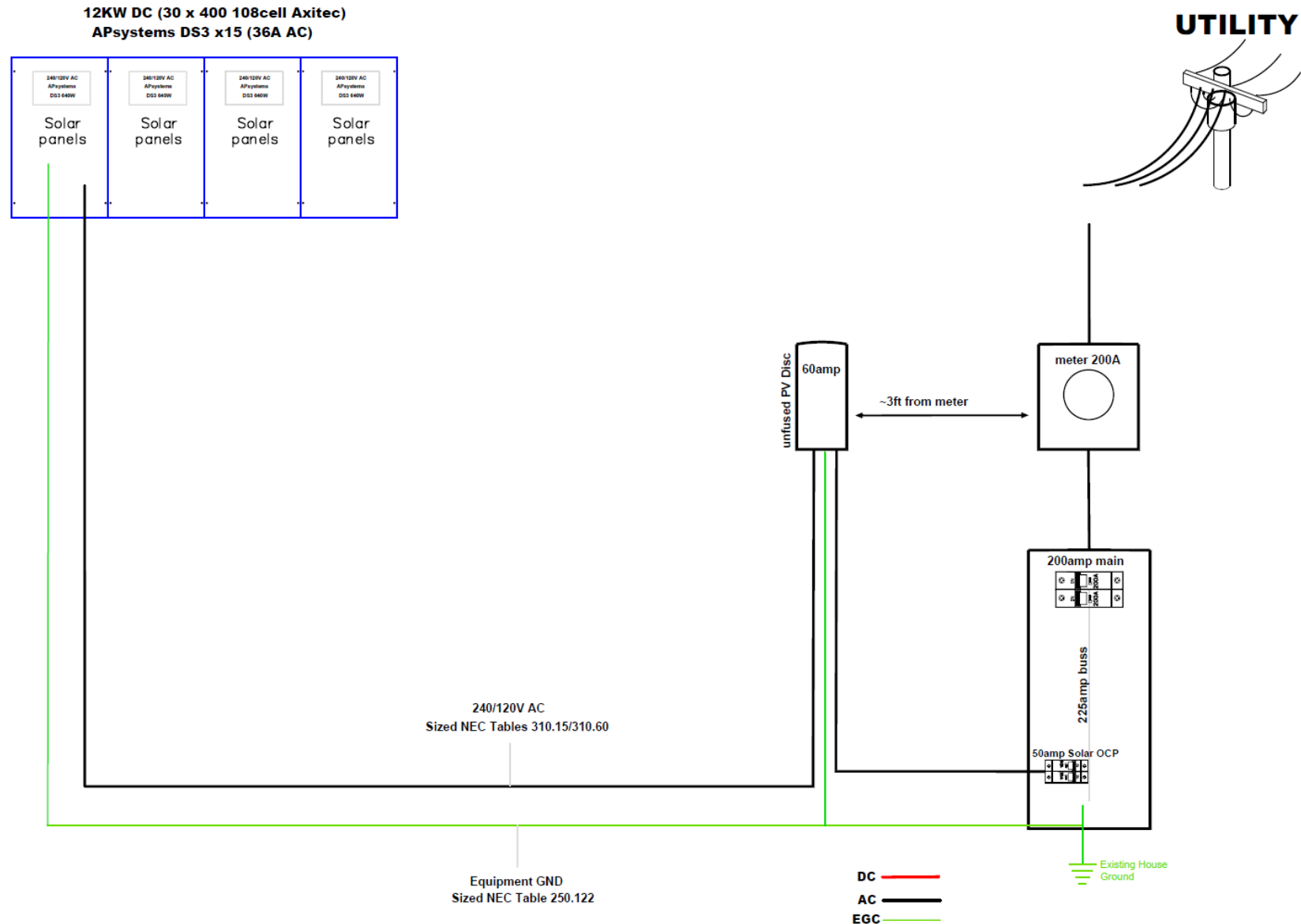
Solar One-Line

Owner:

Location Address:

Parcel No.:

Name of Utility Provider:

Utility Account Number:**Utility Meter Number:**

ALL SKY ENERGY

Solar PV, Battery & EV Charging

Station Installer

Baraboo WI 53913

allskyenergy.com



Prepared By: Lisa Kahlow

P: 608-356-0830, **E:** lisa@allskyenergy.com

Solar Site Plan

Owner:

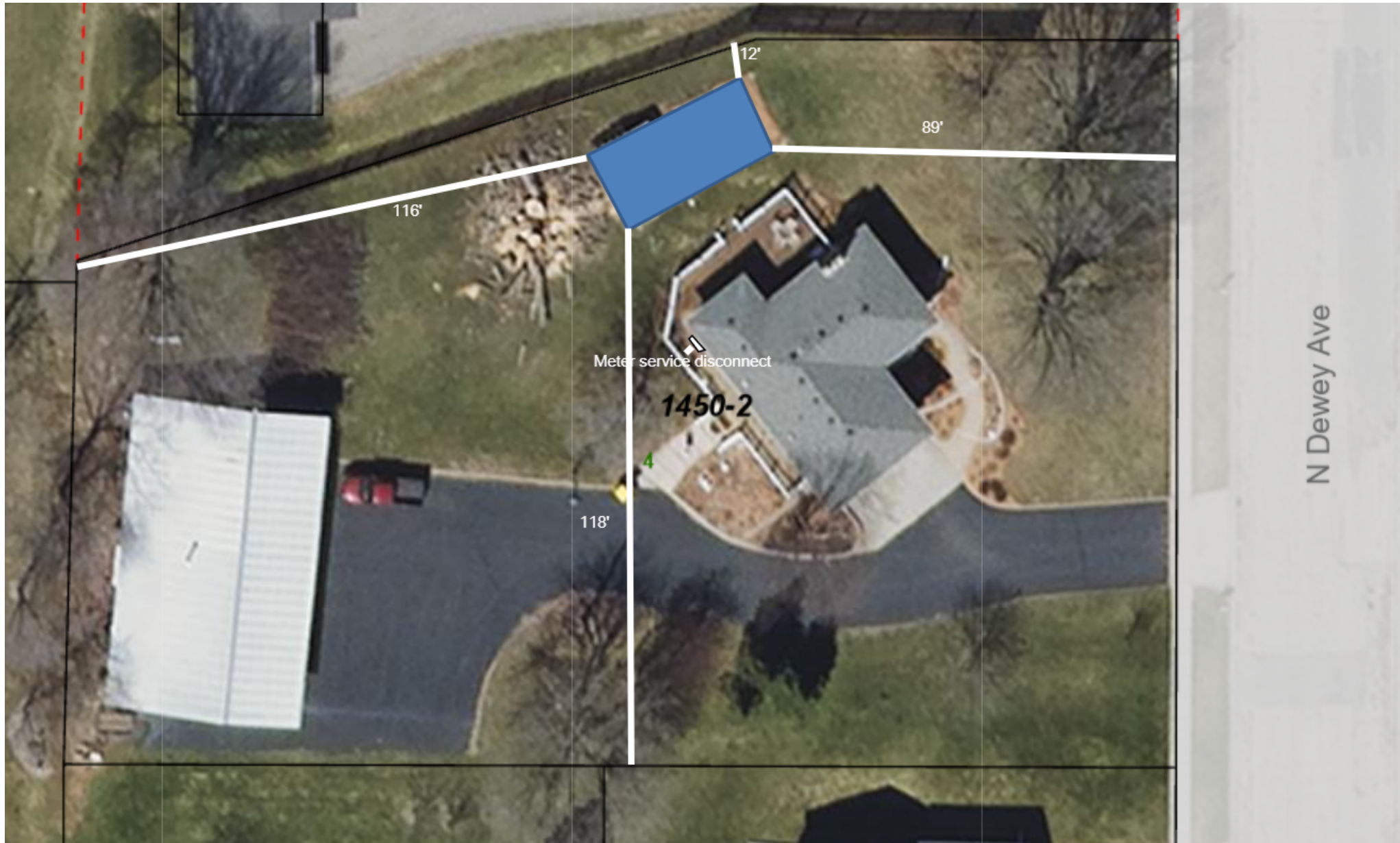
Location Address:

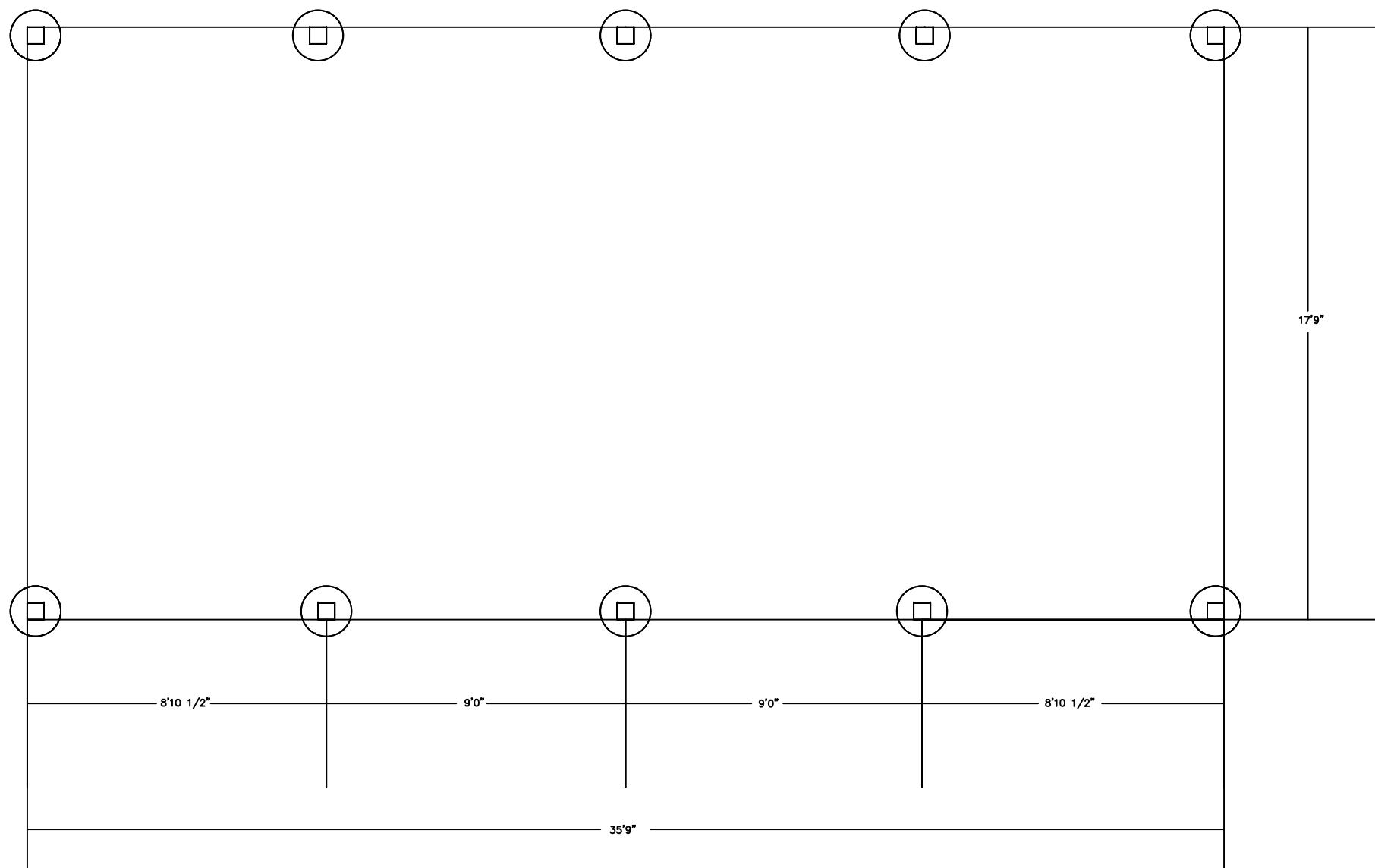
Parcel No.:

Name of Utility Provider:

Utility Account Number:

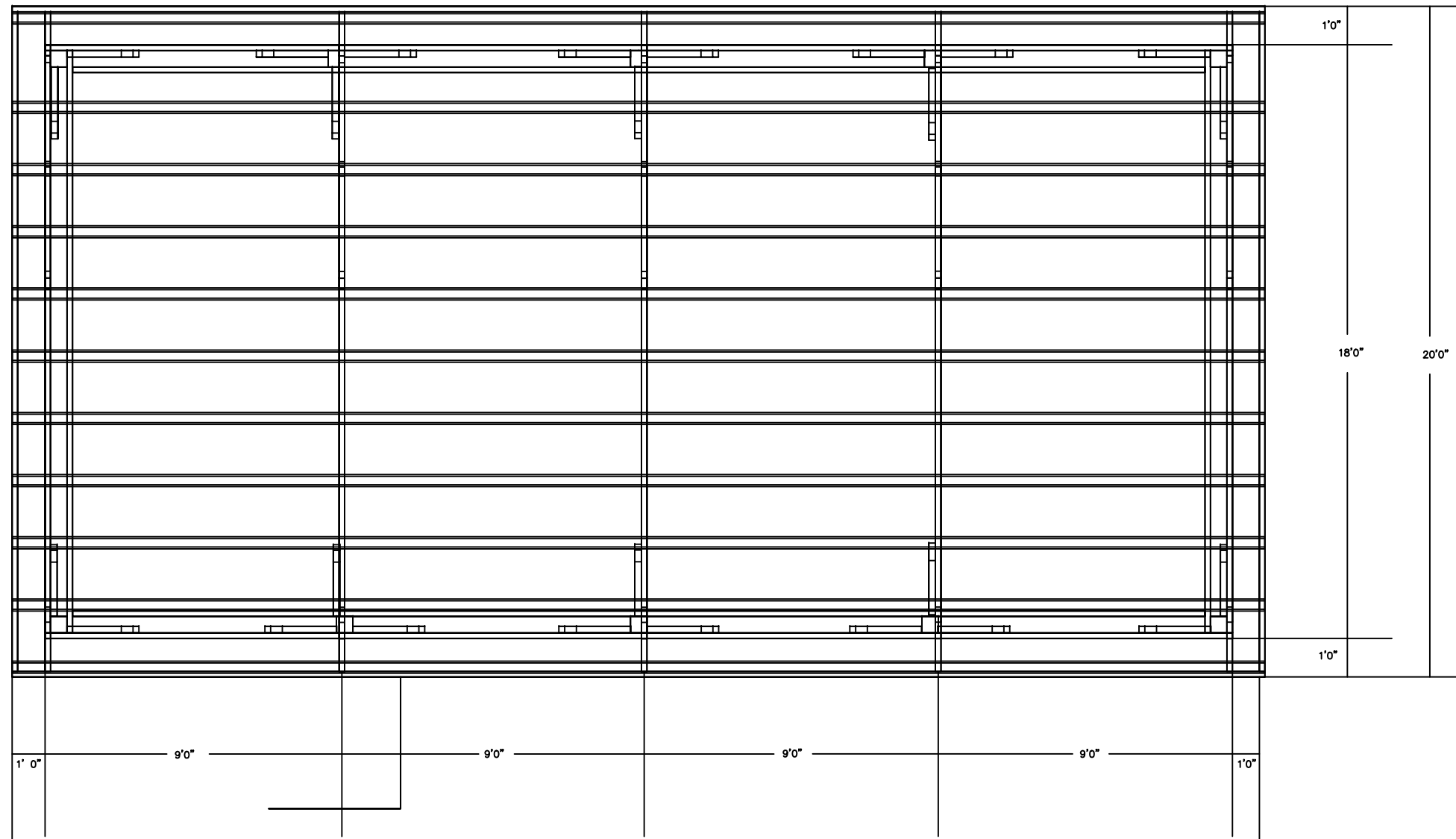
Utility Meter Number:





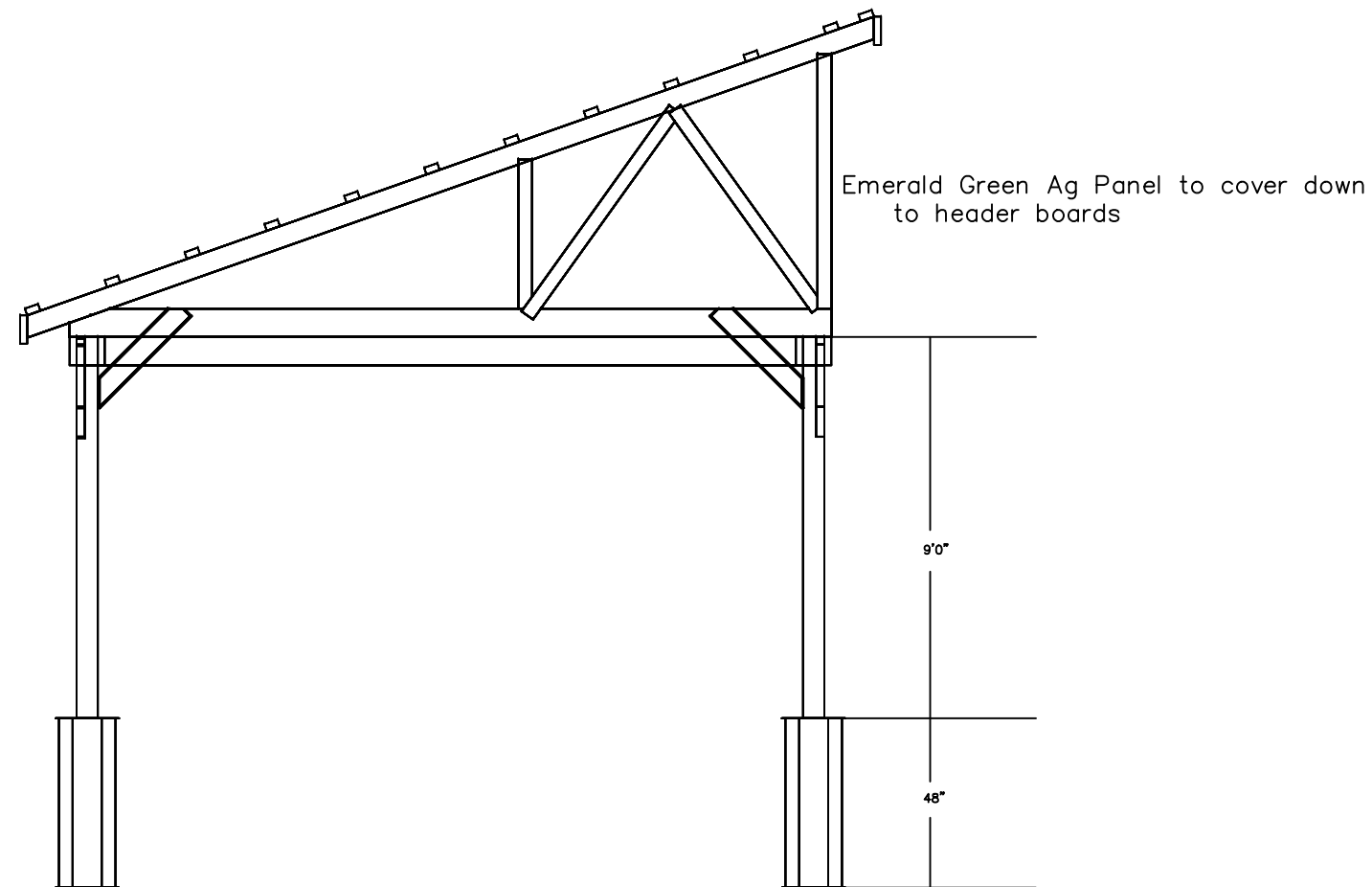
- 18 in x 48 in poured footings (sonotube)
- Laminated Posts – Triple Treated 2x6's
- Mounting Brackets bolted to poured footings with J
–Bolts anchored in concrete.
- Inside Height to Bottom of Truss = 9 ft
- Trusses spaced at 9 ft
- Truss Design from Midwest Manufacturing

Floor (Scale $\frac{1}{4}'' = 1'$)



- Inside Height to Bottom of Truss = 9 ft
- Trusses spaced at 9 ft
- Truss Design from Midwest Manufacturing
- Angle Braces from Columns to Truss and to Headers
- Purlins are 2x4's spaced 2 ft on center – laid flat
- 1 ft overhangs on endwalls
- 1 ft overhangs on eaves
- 6 in soffit
- White 29 gage Ag Panel for roof

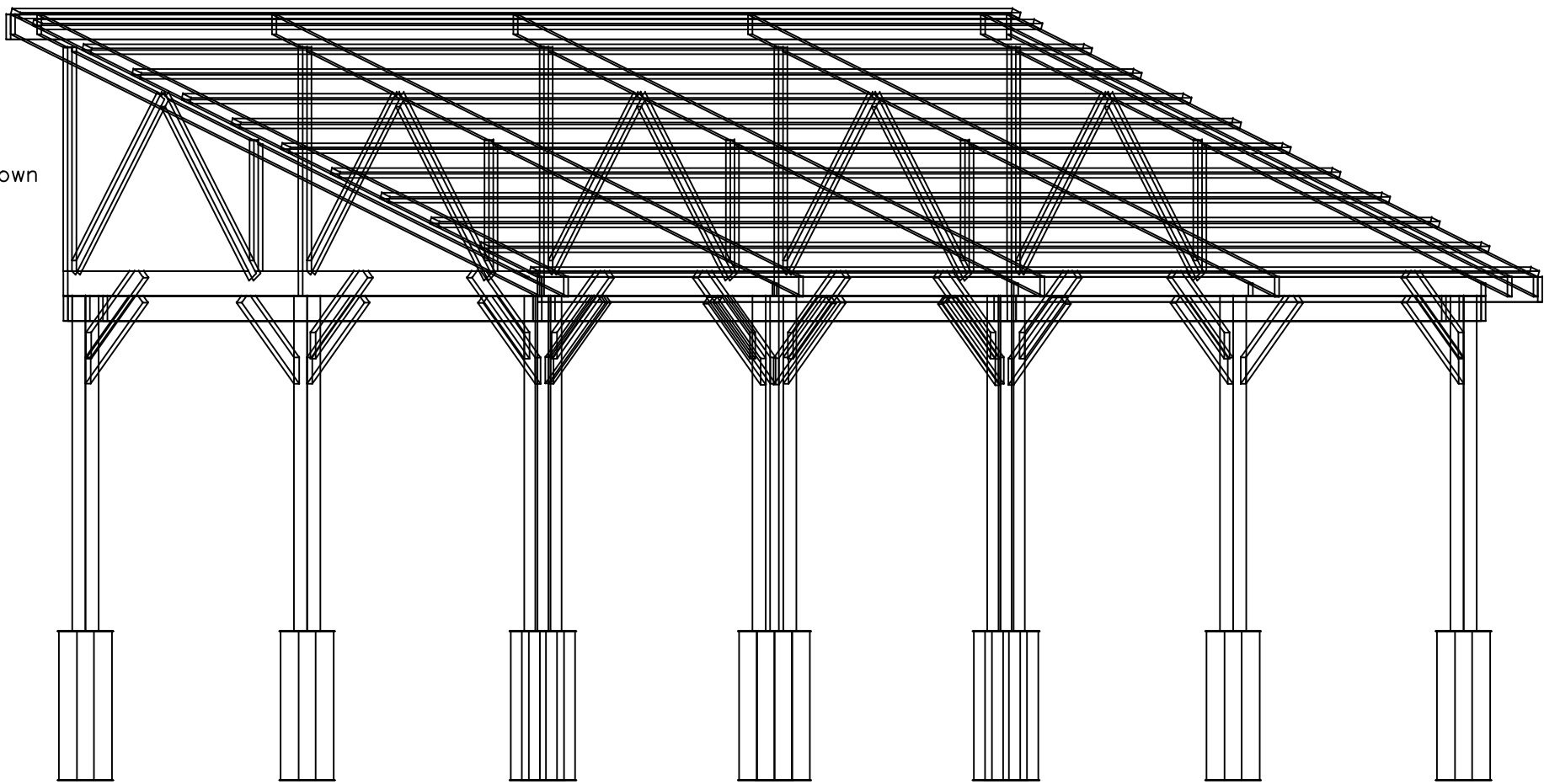
Roof (Scale $\frac{1}{4}" = 1'$)



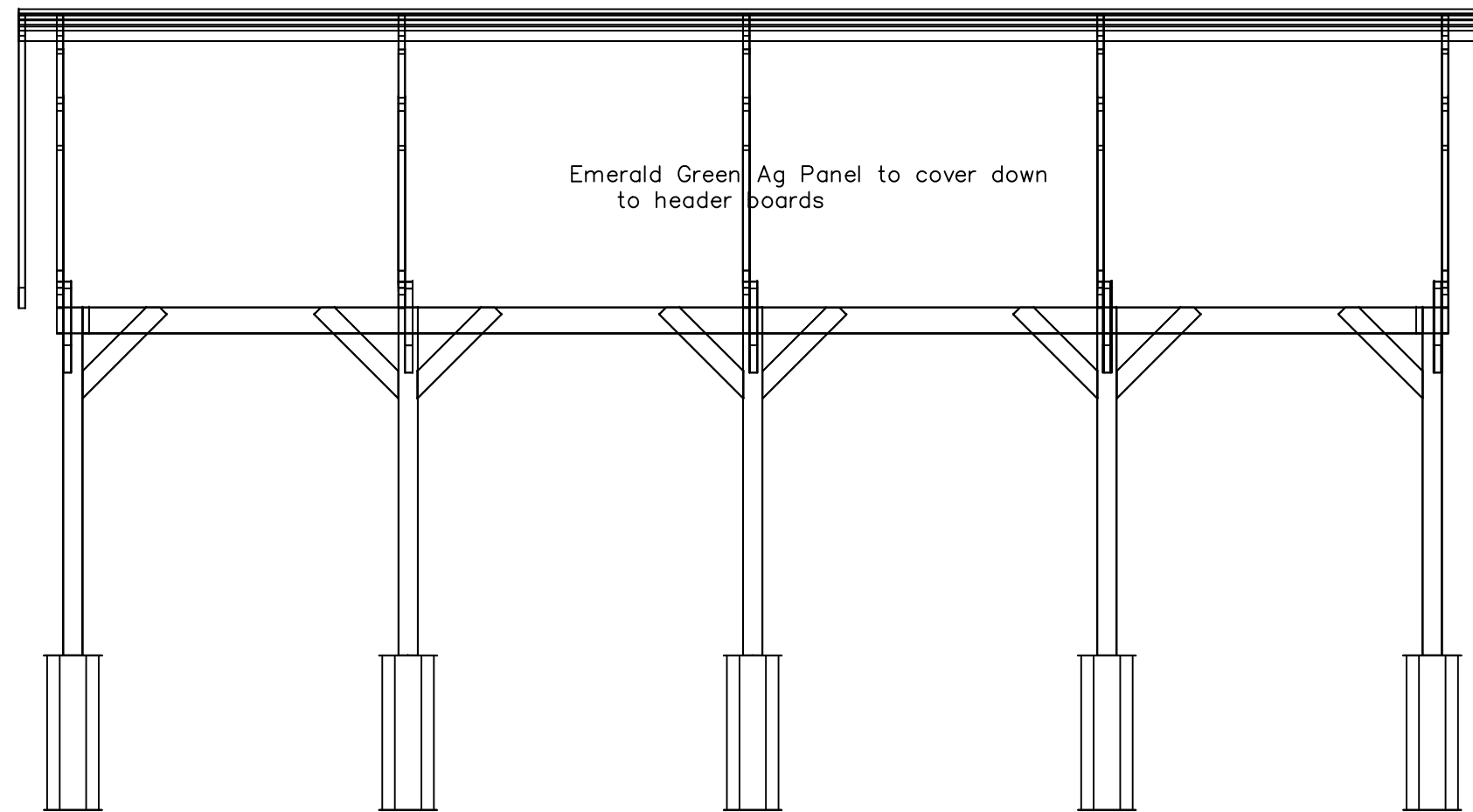
- $\frac{4}{12}$ Pitch Trusses
- Inside Height to Bottom of Truss = 9 ft
- Trusses spaced at 9 ft
- Truss Design from Midwest Manufacturing
- Angle Braces from Columns to Truss and to Headers
- Purlins are 2x4's spaced 2 ft on center – laid flat
- 18 in x 48 in poured footings (sonotube)
- Laminated Posts – Triple Treated 2x6's
- Mounting Brackets bolted to poured footings with J-Bolts anchored in concrete.

Side (Scale $\frac{1}{4}" = 1'$)

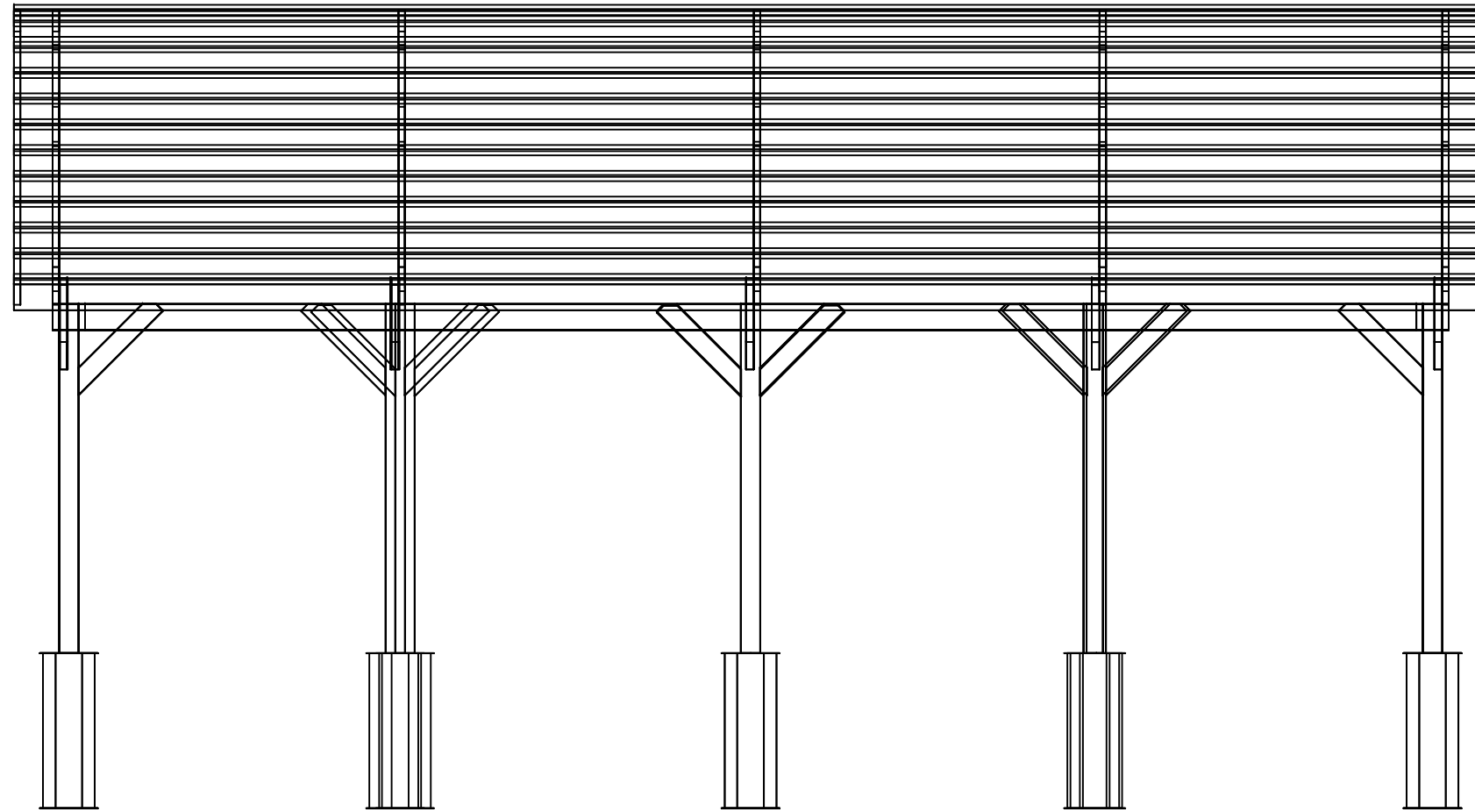
Emerald Green Ag Panel to cover down
to header boards



Elevation (Scale $\frac{1}{4}'' = 1'$)



Back (Scale $\frac{1}{4}'' = 1'$)



Front (Scale $\frac{1}{4}'' = 1'$)

7/28/24, 2:07 PM

Spec Sheet

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
QITREC0856784	PM1	MONO	3	1	

Midwest Manufacturing, Eau Claire, WI
Ruc: 8.8.0.0 Feb 12 2024 Print: 8.800.0 Feb 12 2024 Midwest Industries, Inc. File Job 09 09 10.03 Page 1
C:\msd\Truss_E2\Export\Truss_1\truss1.dwg\Design\QC\QITREC0856784\Midwest\truss1.dwg

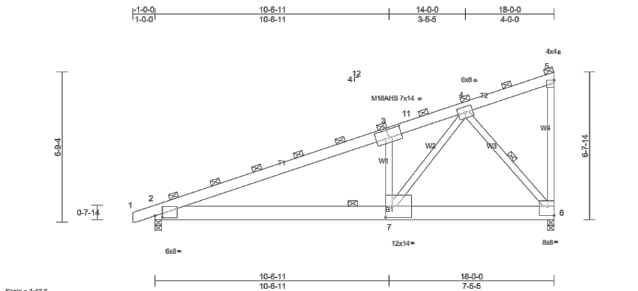


Plate Criteria (K, Y): [2.0-4.0, 0.0-1.0], [5.0-7.0, 0.0-4.0], [8.0-10.0, 0.0-4.0], [11.0-13.0, 0.0-4.0]											
Leading	(in)	Spacing	(in)	CS	DEF	In	(in)	Load	PLATES	GRP	
TCLL (end)	20.0	Plate Gap DCL	1.15	TC	0.82	Vert(L)	-0.20	>200	MT20	2441790	
Snow (PluPg)	17.0/30.0	Lumber DCL	1.15	BC	0.85	Vert(CT)	-0.30	>709	180	MT18AH	1421136
TCDL	4.0	Rep Stress Incr	NO	WB	0.77	Horz(CT)	0.03	6	n/a	n/a	
BCLL	0.0	Code	IBC2015/TP2014	Material MS							
BCDL	0.0										

LUMBER
TOP CHORD 2x8 SP 2400F 2.0E
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SPF Soud "Except" W2-2x4 SPF No.2

BRACING
TOP CHORD 2x8 0-0 on purlins (0-8-10 max.), except end verticals.
BOT CHORD 10-0-0 on bracing.
WEBS 1 Row at midpt

REACTIONS (kN/m) 2-22710.3-8, (min. 0.2-2), 6-20850.3-8, (min. 0.2-4)
Max Horiz 2-778 (LC 11)
Max Uplift 2-800 (LC 8), 6-759 (LC 12)
Max Grav 2-2596 (LC 2), 6-2753 (LC 17)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-34-3856/1035, 3-114-3703/1270, 4-114-3703/1270, 4-9-318/147, 5-6-350/156
BOT CHORD 2-7-1015/416, 6-7-522/1721
WEBS 3-7-1795/801, 4-9-2727/845, 4-7-1095/9100

NOTES
1) Wind: ASCE 7-10; Vel=105mph (3-second gust) V=50-80mph; TCCL=2.4psf, BCDL=0.8psf, W=250; Cat. I, Exp. C, Enclosed; MMFRS (envelope); cantilever left and right exposed; end vertical left and right exposed; Lumber DCL=1.15 plate gap DCL=1.15
2) TCCL: ASCE 7-10; P=20.0 psf (roof live load); Lumber DCL=1.15 Plate DCL=1.15; P=30.0 psf (ground snow); P=17.0 psf (roof snow); Lumber DCL=1.15 Plate DCL=1.15; Category I, Exp. C, Fully Exp.; Ch=1.20; Unbalanced slippery surface
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 18.1 psf on overhangs non-concurrent with other live loads.
6) Dead loads shown include weight of truss. Top chord dead load of 6.0 psf (or less) is not adequate for a single roof. Architect to verify adequacy of top chord dead load.
7) All plates are MT20 plates unless otherwise indicated.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 800 lb uplift at joint 2 and 759 lb uplift at joint 6.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASES Standard

<https://www.midwestmanufacturing.com/TrussOnline/#cart>

1/1

7/28/24, 2:07 PM

Spec Sheet

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
QITREC0856784	PM1SE	MONO	2	1	

Midwest Manufacturing, Eau Claire, WI
Ruc: 8.8.0.0 Feb 12 2024 Print: 8.800.0 Feb 12 2024 Midwest Industries, Inc. File Job 09 09 10.04 Page 1
C:\msd\Truss_E2\Export\Truss_1\truss1.dwg\Design\QC\QITREC0856784\Midwest\truss1.dwg

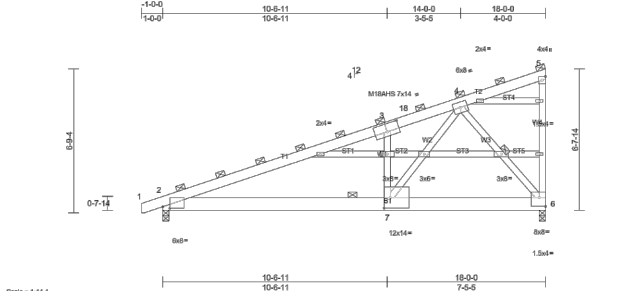


Plate Criteria (K, Y): [2.0-4.0, 0.0-1.0], [5.0-7.0, 0.0-4.0], [8.0-10.0, 0.0-4.0], [11.0-13.0, 0.0-4.0]										
Leading	(in)	Spacing	(in)	CS	DEF	In	(in)	Load	PLATES	GRP
TCLL (end)	20.0	Plate Gap DCL	1.15	TC	0.82	Vert(L)	-0.20	>200	MT20	2441790
Snow (PluPg)	17.0/30.0	Lumber DCL	1.15	BC	0.85	Vert(CT)	-0.30	>709	180	MT18AH
TCDL	4.0	Rep Stress Incr	NO	WB	0.77	Horz(CT)	0.03	6	n/a	n/a
BCLL	0.0	Code	IBC2015/TP2014	Material MS						
BCDL	0.0									

Weight: 140 lb FT = 15%

LUMBER
TOP CHORD 2x8 SP 2400F 2.0E
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SPF Soud "Except" W2-2x4 SPF No.2

BRACING
TOP CHORD 2x8 0-0 on purlins (0-8-10 max.), except end verticals.
BOT CHORD 10-0-0 on bracing.
WEBS 1 Row at midpt

REACTIONS (kN/m) 2-22710.3-8, (min. 0.2-2), 6-20850.3-8, (min. 0.2-4)
Max Horiz 2-778 (LC 11)
Max Uplift 2-800 (LC 8), 6-759 (LC 12)
Max Grav 2-2596 (LC 2), 6-2753 (LC 17)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-34-3856/1035, 3-114-3703/1270, 4-114-3703/1270, 4-9-318/147, 5-6-350/156
BOT CHORD 2-7-1015/416, 6-7-522/1721
WEBS 3-7-1795/801, 4-9-2727/845, 4-7-1095/9100

NOTES
1) Wind: ASCE 7-10; Vel=105mph (3-second gust) V=50-80mph; TCCL=2.4psf, BCDL=0.8psf, W=250; Cat. I, Exp. C, Enclosed; MMFRS (envelope); cantilever left and right exposed; end vertical left and right exposed; Lumber DCL=1.15 plate gap DCL=1.15
2) Truss designed for wind loads in the plane of the truss only. For decks exposed to wind (normal to the face), see Standard Industry Cable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) TCCL: ASCE 7-10; P=20.0 psf (roof live load); Lumber DCL=1.15 Plate DCL=1.15; P=30.0 psf (ground snow); P=17.0 psf (roof snow); Lumber DCL=1.15 Plate DCL=1.15; Category I, Exp. C, Fully Exp.; Ch=1.20; Unbalanced slippery surface
4) Roof design snow load has been reduced to account for slope.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 18.1 psf on overhangs non-concurrent with other live loads.
6) Dead loads shown include weight of truss. Top chord dead load of 6.0 psf (or less) is not adequate for a single roof. Architect to verify adequacy of top chord dead load.
7) All plates are MT20 plates unless otherwise indicated.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 800 lb uplift at joint 2 and 759 lb uplift at joint 6.
10) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASES Standard

<https://www.midwestmanufacturing.com/TrussOnline/#cart>

1/1

Truss Design