



Architectural Review Board Meeting
Monday, June 5, 2023
6:00 p.m.

LOCATION OF MEETING: 96 RUSSELL DRIVE

Meeting Minutes

1. Call to Order, Roll Call: Chairman San Felippo called the meeting to order at 6:05pm. Commission members present included Randy Soerens, Peter Lederer, Mike San Felippo, Jeff Schultz, and John Schluechtermann. Village employees present were Clerk/Treasurer Stephanie Waala. For additional attendees see attached sign in sheet.
2. Discussion and Possible Action on the approval of minutes from April 3, 2023 & May 1, 2023

Member Soerens made a motion to approve as submitted; motion was seconded by Member Schluechtermann. Motion carried 5-0.
3. Discussion and Possible Recommendation to the Village Board on the construction of an addition at 647 1st St

Member Schluechtermann asks for clarification as to on the plans it shows a deck, but on the survey it does not show. Property owner Brent Schicker informed the board the correct plan shows the deck and it was an error that it was not put on the survey.

Member Schluechtermann made a motion to approve contingent that the survey be updated to include the deck; motion was seconded by Member Soerens. Motion carried 5-0.
4. Discussion and Possible Recommendation to the Village Board on the construction of a new home 190 E Shore Dr.

Member Schluechtermann asks for clarification on the gable overhangs as they are not showing dimensions on the plans. The front setback would need to be setback in order for the home to comply. Property owner Jake Reuteler informed the board the gable overhang is 1 foot.

Member Schluechtermann made a motion to approve contingent the house be setback approximately 9 inches to meet the front yard setbacks; motion was seconded by Member Soerens. Motion carried 5-0.
5. Adjourned at 6:21 pm



Architectural Review Board Meeting
Monday, June 5, 2023
6:00 p.m.

Items on the Agenda may be taken out of order as listed. Posted to all village posting locations on 06/26/2023.

WI Open Meeting Law (Wis. Stat. 19.83(2) and 19.84(2)) In general, the open meetings law grants citizens the right to attend and observe open session meetings of governmental bodies but does not require a governmental body to allow members of the public to speak or actively participate in the body's meeting. A governmental body is free to determine for itself whether and to what extent it will allow citizen participation at its meetings.



Architectural Review Board Meeting
Monday, June 19, 2023
6:00 p.m.

LOCATION OF MEETING: 96 RUSSELL DRIVE

Meeting Minutes

1. Call to Order, Roll Call: Chairman San Felippo called the meeting to order at 6:00pm. Commission members present included Mike San Felippo, Jeff Schultz, Barbara Ruege, Randy Soerens, Steve Masslich, and Peter Lederer. Village employees present were Clerk/Treasurer Stephanie Waala. For additional attendees see attached sign in sheet.
2. Discussion and Possible Recommendation to the Village Board on the construction of a garage addition at 89 E Shore Dr.

Contractor Dan Mondlach informed the board that the slab was installed last year. This year they would like to convert it into a 3 seasons room. This would not max out the buildings available square footage if an additional addition would like to added in the future.

Clerk Waala inquired as to the survey not showing the distance from the closest corner to the lot line. Contractor Mondlach informed the board the building would not be closer than 7 feet.

Member Soerens made a motion to approve as submitted; motion was seconded by Member Masslich. Motion carried 6-0.

3. Discussion and Possible Recommendation to the Village Board on the construction of a concession stand at 53 Russell Dr.

Chairman San Felippo informed the board this item is coming back because prior approval was too expensive to build and added \$20,000 over budget. A four foot overhang will be on the north and south side of the building.

Dale Krier inquired is it will be closer to the parking lot because of the park attendant. Chairman San Felippo informed the board that is still undetermined.

Member Ruege informed the board that the sole original purpose of the building was for the park attendant and now the view does not over look the lake or parking lot.

Member Lederer informed the board that with the current proposal it would be in the floodplain. It has not been determined if it can be moved west to be out of the floodplain.



Architectural Review Board Meeting
Monday, June 19, 2023
6:00 p.m.

Member Masslich made a motion to approve as submitted, motion was seconded by Member Soerens. Motion carried 6-0.

4. Adjourned at 6:31 pm

Items on the Agenda may be taken out of order as listed. Posted to all village posting locations on 06/26/2023.

WI Open Meeting Law (Wis. Stat. 19.83(2) and 19.84(2)) In general, the open meetings law grants citizens the right to attend and observe open session meetings of governmental bodies but does not require a governmental body to allow members of the public to speak or actively participate in the body's meeting. A governmental body is free to determine for itself whether and to what extent it will allow citizen participation at its meetings.



Architectural Review Board Meeting
Monday, July 17, 2023
6:00 p.m.

LOCATION OF MEETING: 96 RUSSELL DRIVE

Meeting Minutes

1. Call to Order, Roll Call: Chairman San Felippo called the meeting to order at 6:00pm. Commission members present included John Schluechtermann, Barbara Ruege, Jeff Schultz, Mike San Felippo, and Peter Lederer. Village employees present were Clerk/Treasurer Stephanie Waala. For additional attendees see attached sign in sheet.

Let it be known that there was a quorum of the Village Board as Trustee Duane Urbanski was present.

2. Discussion and Possible Recommendation to the Village Board on the reconstruction of a deck at 93 Hwy 144.

Chairman San Felippo informs the board of his concerns that the deck crosses over the property line onto the vacant parcel adjacent. These parcels are owned by the same individuals but are currently not combined.

Member Schluechtermann inquires to as if the original deck was permitted. Member Lederer pulled the property file and located the original permit from 1993, but it shows it as being within the lot lines.

Member Schluechtermann recommends the project be denied until the lots can be combined.

3. Discussion and Possible Recommendation to the Village Board on the reconstruction of signs at 201 Allen St.

Member Lederer informed the board that the project is replacement of current signs, the sizes are to remain the same.

Member Schluechtermann made a motion to approve as submitted, motion was seconded by Member Ruege. Motion carried 5-0.

4. Discussion and Possible Recommendation to the Village Board on the construction of a shed at 618 Spring Ct.

Chairman San Felippo informed the board that the request meets the requirements of the shed max square footage.

Member Lederer informed the board that it matches the design of the home, except there are no windows in the garage door.

Member Schluechtermann made a motion to approve as submitted, motion was seconded by Member Ruege. Motion carried 5-0.

5. Adjourned at 6:25 pm

Items on the Agenda may be taken out of order as listed. Posted to all village posting locations on 08/32023.

WI Open Meeting Law (Wis. Stat. 19.83(2) and 19.84(2)) In general, the open meetings law grants citizens the right to attend and observe open session meetings of governmental bodies but does not require a governmental body to allow members of the public to speak or actively participate in the body's meeting. A governmental body is free to determine for itself whether and to what extent it will allow citizen participation at its meetings.



P.O. Box 344 • 96 Russell Drive • Random Lake, WI 53075
 Phone: (920) 994-4852 • Fax: (920) 994-2390

Building Permit Application

Job Location <i>(identify exact address)</i> 639 FIRST STREET			Permit#		
Owner's Name LYON MAHER		Phone Number (920) 226-1727		Contact's Name <i>(When Relevant)</i>	
Owners Address <i>(if different from above)</i>			City	State	Zip Code
Contractor's Name		License Number		Contractor's Contact Name	
Contractor's Address			City	State	Zip Code
It is the responsibility of the permit holder to arrange for appointment times when entry is available for the required inspections. If the inspector cannot access the work site or if the work is not visible, a re-inspection fee will be charged.					
Use of Building	Type of Work	Item	Size/Qty.	Fee	Amount
<input type="checkbox"/> Residential	<input type="checkbox"/> New	Residence (One & Two Family)		.30/sq. ft.	
<input type="checkbox"/> Multi-Family	<input type="checkbox"/> Addition	Residential Additions		.30/sq. ft.	
	<input type="checkbox"/> Alteration/Repair	Attached/Detached Garage		.25/sq. ft.	
		Plan Review: House & Garage		.12/sq. ft.	
		State Permit Seal (\$33.00 (State fee) + \$10.00)		\$43.00	
		Occupancy Permit (House & Garage)		.05/sq. ft.	
		Remodeling (Includes Plan Review)		.20/sq. ft.	
		Erosion Control		150.00	
		Decks & Porches		.20/sq. ft.	
		Storage Sheds		30.00	
		Re-Roof		50.00	
		Re-Siding		50.00	50.00
		Swimming Pools (above ground/in ground/spas)		80.00	
		Fence - gate 3		30.00	30.00
Required for exterior design, appearance and location (fences, accessory buildings, decks, porches, pools, etc.)		Plan Commission/Architectural Review Board Fee		280.00	
		Expedited Meeting Fee (Nonrefundable)		100.00	
		Re-inspection Fee		75.00	
NOTES:					
Separate permits are needed for Electrical, HVAC, & Plumbing					
If any work is commenced before a building permit is obtained, all of the above fees shall be doubled.					
All calculations for square footage area are outside dimensions.					
I attest that the above information accurately describes the property and proposed work to be performed on it. I agree to comply with all Village of Random Lake and State of Wisconsin codes applicable to the occupancy and work stated above. I understand that any false misinformation may result in penalties prescribed in the Village of Random Lake ordinances.				SUB TOTAL:	
BASE FEE (add to subtotal):				\$40.00	
Applicants Signature:		Applicants Name:		Permit Total:	
OFFICE USE ONLY Permit Paid By:		Date			

2023 BUILDING PERMIT LIST

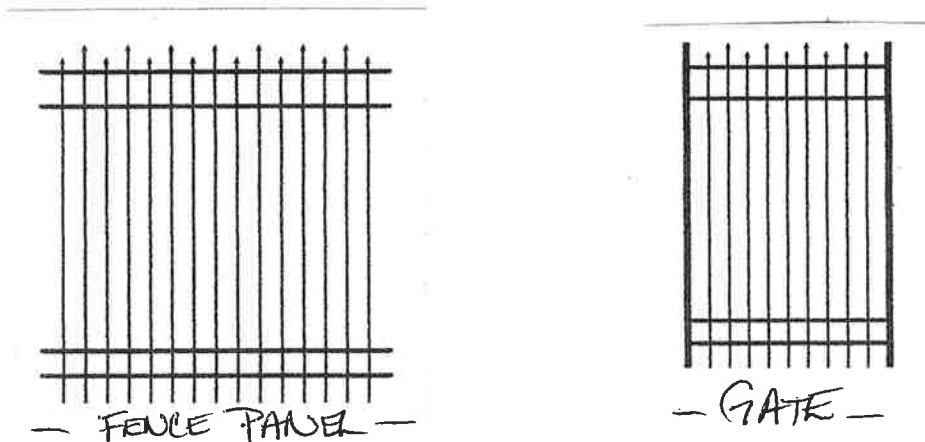
EXTERIOR WORK

639 First Street

PARTIAL FENCE IMPROVEMENT

Replacing approximately 55 ft length of existing fence and gate for safety/access and esthetics.

1. Replacing street-facing fence and gate located from back corner of the house to approx. 6 ft from east lot line. Replacing 6 ft high black galvanized vinyl-coated chain link with 6 ft high black powder-coated aluminum picket style (5/8" square pickets spaced 4-3/8" OC). Panels = 6'x6'. Replacing 3 ft wide chain link gate with 4-5 ft picket-style gate, matching new picket panels.



2. Move existing front 3ft wide chainlink gate to back of garage, which would require 1 additional gate post at that new location.

SIDING

GARAGE (approx. 14'x22')

Existing siding: Asphalt siding, painted white (exposed = 13" lap style).

Replacing with LP Smartside, lap/cedar texture 6-6.5" exposure, to match existing house (Blue). Trimmed with LP Smart cedar texture trim, (white) to match existing house.

SIDING

'SHED' (approx. 14'x28')

Existing siding: 3 sides, plywood panel siding (vertical), batten appearance, painted light green. Backside gray asphalt siding (exposed = 13" lap style). Replacing with LP Smart panel, (vertical) batten appearance, cedar texture (medium green). Trimmed with LP Smart cedar texture trim, (white) to match house and garage trim.

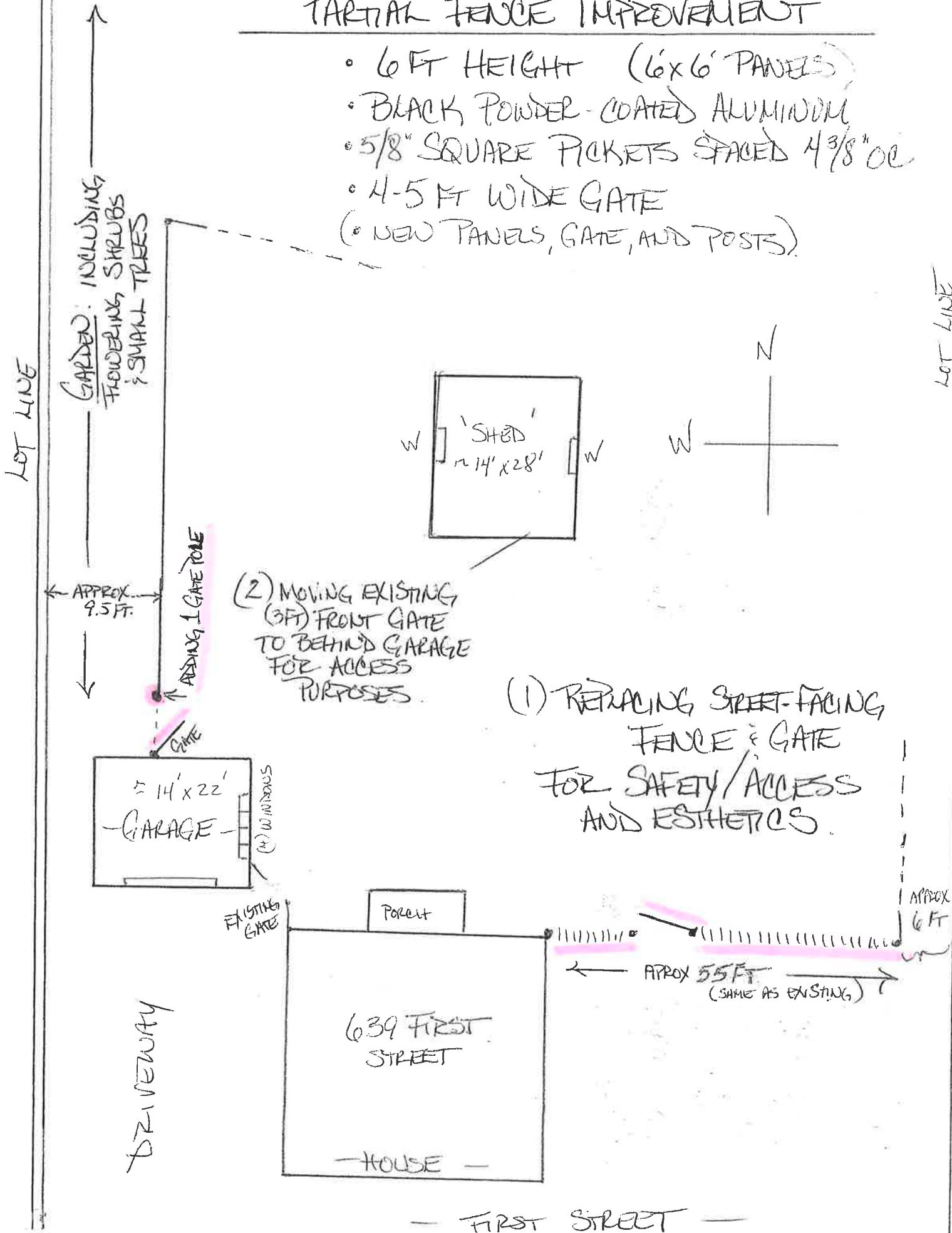
*Existing doors to be replaced, including service and overhead door on garage.

Notes: *NE corner of garage to SW corner of 'shed' is approx. 37 feet.*

NE corner of house to front of 'shed' is approx. 56 feet (approx. 4 ft left of center).

PARTIAL FENCE IMPROVEMENT

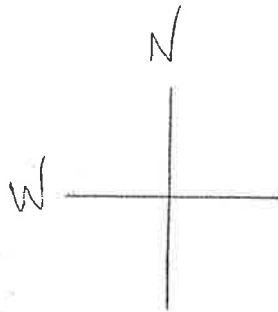
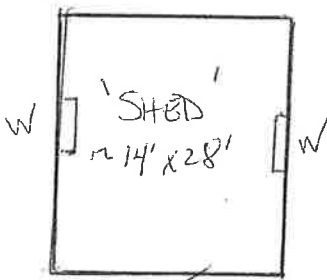
- 6 FT HEIGHT (6'x6' PANELS)
- BLACK POWDER-COATED ALUMINUM
- 5/8" SQUARE PICKETS SPACED 4 3/8" OC
- 4-5 FT WIDE GATE
- (• NEW PANELS, GATE, AND POSTS)



GARDEN: INCLUDING FLOWERING SHRUBS & SMALL TREES

LOT LINE

LOT LINE

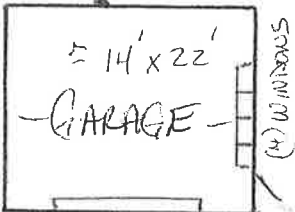


APPROX. 9.5 FT.

ADDING 1 GATE POLE

(2) MOVING EXISTING (3 FT) FRONT GATE TO BEHIND GARAGE FOR ACCESS PURPOSES.

(1) RETAINING STREET-FACING FENCE & GATE FOR SAFETY/ACCESS AND ESTHETICS.



EXISTING GATE

Porch

639 FIRST STREET

HOUSE

DRIVEWAY

APPROX 55 FT (SAME AS EXISTING)

APPROX 6 FT

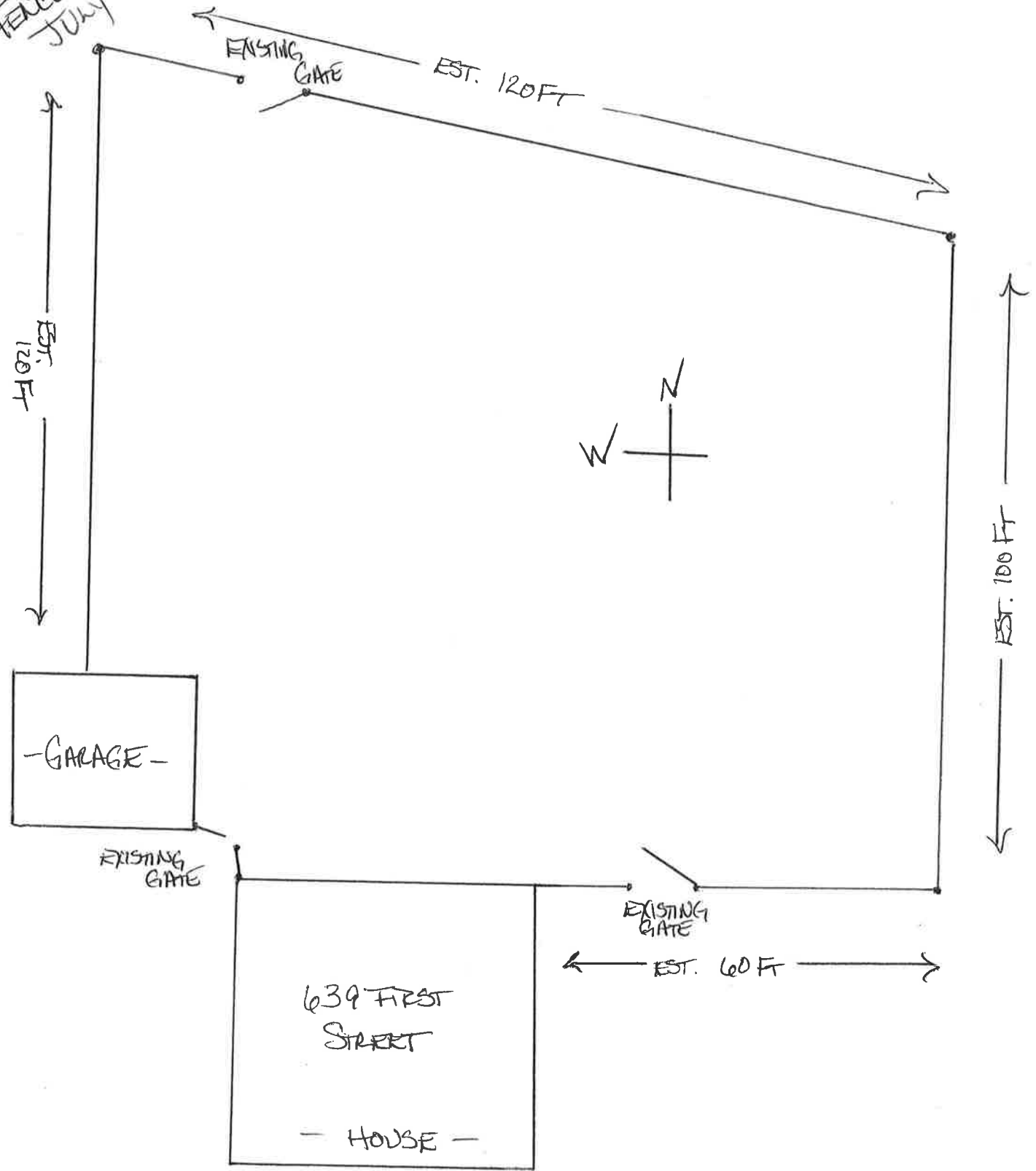
FIRST STREET



COPY OF
DRAWINGS
FROM ORIGINAL
FENCE APPROVAL
JULY 2002

EXISTING FENCE

- 6 FT CYCLONE (CHAINLINK)
- BLACK VINYL COATED (8 GAUGE)
- 3 GATES





①

639 FIRST

EXISTING FENCE FRONT
PARALLEL TO FIRST STREET
(SOUTH FACING)



639 FIRST

2

FRONT OF GARAGE
FACING FIRST STREET



639 FIRST

3

GARAGESIDE - FACING YARD (EAST)
WILL BE MATCHING HOUSE
SIDING & TRIM.



639 FIRST

(4)

GARDEN "SHED" IN BACK YARD
NEEDS NEW SIDING



Date: June 21, 2023
To: Mueller Heating
Subject: Kelly Residence

In order for this house to pass the 2009 IECC Code, the following conditions were used in figuring the heat loss:

- The **full** basement wall measured from the top of the wall down to the basement floor is insulated with **1" Styrofoam (R-5)** or greater.
- Exterior walls are insulated with **R-19** or greater.
- The ceiling is insulated with **R-50** or greater.
- Windows and patio doors are **Low – E** glass with a U-value of **0.3** (R-3.33) and a minimum SHGF value of **0.40** or greater.
- TOTAL HEAT LOAD: 58,272 BTUH

Thank you,

Sebastian Arturo Barrios
Sebastian Arturo Barrios

MILWAUKEE
2933 W. Silver Spring Drive
Milwaukee, WI 53209
(414) 465-1234 • (800) 242-0406
Fax (414) 465-0315

NEENAH
785 County Road C9, Suite 200
Neenah, WI 54956
(920) 895-5222 • (888) 203-5445
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MADISON
3050 Progress Road
Madison, WI 53716
(608) 442-0990 • (855) 265-7753
Fax (608) 442-3995

TWIN CITIES
865 Xenium Lane N
Plymouth, MN 55441
(763) 371-7910 • (800) 869-2292
Fax (763) 371-7920

FARGO
855 12th Ave NE
West Fargo, ND 58078
(701) 355-4822 • (855) 283-7733
Fax (701) 355-7770

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Prop. U-Factor	Req. U-Factor	Prop. UA	Req. UA
Wall 4: Wood Frame, 16" o.c. Orientation: Left side	420	19.0	0.0	0.060	0.057	25	23
Window 3: Metal Frame with Thermal Break:Double Pane with Low-E SHGC: 0.40 Orientation: Left side	10			0.300	0.350	3	4
Basement Wall 1: Solid Concrete or Masonry Orientation: Front Wall height: 8.0' Depth below grade: 7.3' Insulation depth: 8.0'	560	0.0	5.0	0.087	0.050	49	28
Basement Wall 2: Solid Concrete or Masonry Orientation: Right side Wall height: 8.0' Depth below grade: 7.3' Insulation depth: 8.0'	160	0.0	5.0	0.087	0.050	14	8
Basement Wall 3: Solid Concrete or Masonry Orientation: Left side Wall height: 8.0' Depth below grade: 7.3' Insulation depth: 8.0'	208	0.0	5.0	0.087	0.050	18	10
Basement Wall 4: Solid Concrete or Masonry Orientation: Right side Wall height: 3.0' Depth below grade: 2.3' Insulation depth: 3.0'	66	0.0	5.0	0.124	0.050	8	3
Basement Wall 5: Solid Concrete or Masonry Orientation: Back Wall height: 3.0' Depth below grade: 2.3' Insulation depth: 3.0'	210	0.0	5.0	0.124	0.050	26	11
Basement Wall 6: Solid Concrete or Masonry Orientation: Left side Wall height: 3.0' Depth below grade: 2.3' Insulation depth: 3.0'	48	0.0	5.0	0.124	0.050	6	2
Wall 5: Wood Frame, 16" o.c. Orientation: Right side	110	19.0	0.0	0.060	0.057	6	5
Window 4: Metal Frame with Thermal Break:Double Pane with Low-E SHGC: 0.40 Orientation: Right side	15			0.300	0.350	5	5
Wall 6: Wood Frame, 16" o.c. Orientation: Back	350	19.0	0.0	0.060	0.057	18	17
Window 5: Metal Frame with Thermal Break:Double Pane with Low-E SHGC: 0.40 Orientation: Back	45			0.300	0.350	14	16
Wall 7: Wood Frame, 16" o.c. Orientation: Left side	80	19.0	0.0	0.060	0.057	5	5

Compliance Statement: The proposed building design described here is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the 2009 IECC requirements in REScheck Version 4.7.2 and to comply with the mandatory requirements listed in the REScheck Inspection Checklist.

Sebastian Arturo Barrios - Heat Calc Technician

Sebastian Arturo Barrios

6/21/23

Name - Title

Signature

Date

Project Notes:

TOTAL HEAT LOAD: 58,272 BTUH



REScheck Software Version 4.7.2

Inspection Checklist

Energy Code: 2009 IECC

Requirements: 0.0% were addressed directly in the REScheck software

Text in the "Comments/Assumptions" column is provided by the user in the REScheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Pre-Inspection/Plan Review	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
103.2 [PR1] ¹ ●	Construction drawings and documentation demonstrate energy code compliance for the building envelope.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
103.2, 403.7 [PR3] ¹ ●	Construction drawings and documentation demonstrate energy code compliance for lighting and mechanical systems. Systems serving multiple dwelling units must demonstrate compliance with the commercial code.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.6 [PR2] ² ●	Heating and cooling equipment is sized per ACCA Manual S based on loads per ACCA Manual J or other approved methods.	Heating: Btu/hr _____ Cooling: Btu/hr _____	Heating: Btu/hr _____ Cooling: Btu/hr _____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)
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Section # & Req.ID	Foundation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
402.1.1 [FO4] ¹ ☉	Conditioned basement wall insulation R-value. Where interior insulation is used, verification may need to occur during Insulation Inspection. Not required in warm-humid locations in Climate Zone 3.	R-____	R-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.2 [FO5] ¹ ☉	Conditioned basement wall insulation installed per manufacturer's instructions.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.2.7 [FO6] ¹ ☉	Conditioned basement wall insulation depth of burial or distance from top of wall.	____ ft	____ ft	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.2.1 [FO11] ² ☉	A protective covering is installed to protect exposed exterior insulation and extends a minimum of 6 in. below grade.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.8 [FO12] ² ☉	Snow- and ice-melting system controls installed.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)
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Section # & Req.ID	Framing / Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
402.1.1, 402.3.4 [FR1] ¹ ●	Door U-factor.	U-____	U-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
402.1.1, 402.3.1, 402.3.3, 402.5 [FR2] ¹ ●	Glazing U-factor (area-weighted average).	U-____	U-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.1.3 [FR4] ¹ ●	U-factors of fenestration products are determined in accordance with the NFRC test procedure or taken from the default table.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.4.4 [FR20] ¹ ●	Fenestration that is not site built is listed and labeled as meeting AAMA/WDMA/CSA 101/I.S.2/A440 or has infiltration rates per NFRC 400 that do not exceed code limits.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.4.5 [FR16] ² ●	IC-rated recessed lighting fixtures sealed at housing/interior finish and labeled to indicate ≤2.0 cfm leakage at 75 Pa.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
405.2 [FR25] ¹ ●	All ducts in unconditioned spaces or outside the building envelope are insulated to ≥R-6.	R-____	R-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.2.2 [FR13] ¹ ●	All joints and seams of air ducts, air handlers, filter boxes, and building cavities used as return ducts are sealed.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.2.3 [FR15] ³ ●	Building cavities are not used for supply ducts.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.3 [FR17] ² ●	HVAC piping conveying fluids above 105 °F or chilled fluids below 55 °F are insulated to ≥R-3.	R-____	R-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.4 [FR18] ² ●	Circulating service hot water pipes are insulated to R-2.	R-____	R-____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.5 [FR19] ² ●	Automatic or gravity dampers are installed on all outdoor air intakes and exhausts.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)
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Section # & Req.ID	Insulation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
303.1 [IN13] ²	All installed insulation is labeled or the installed R-values provided.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.1.1, 402.2.4, 402.2.5 [IN3] ¹	Wall insulation R-value. If this is a mass wall with at least ½ of the wall insulation on the wall exterior, the exterior insulation requirement applies.	R-_____ <input type="checkbox"/> Wood <input type="checkbox"/> Mass <input type="checkbox"/> Steel	R-_____ <input type="checkbox"/> Wood <input type="checkbox"/> Mass <input type="checkbox"/> Steel	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.2 [IN4] ¹	Wall insulation is installed per manufacturer's instructions.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Final Inspection Provisions	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
402.1.1, 402.2.1, 402.2.2 [FI1] ¹ ●	Ceiling insulation R-value. Where > R-30 is required, R-30 can be used if insulation is not compressed at eaves. R-30 may be used for 500 ft ² or 20% (whichever is less) where sufficient space is not available.	R-____ <input type="checkbox"/> Wood <input type="checkbox"/> Steel	R-____ <input type="checkbox"/> Wood <input type="checkbox"/> Steel	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
303.1.1.1, 303.2 [FI2] ¹ ●	Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every 300 ft ² .			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
402.4.2, 402.4.2.1 [FI17] ¹ ●	Building envelope tightness verified by blower door test result of <7 ACH at 50 Pa. This requirement may instead be met via visual inspection, in which case verification may need to occur during Insulation Inspection.	ACH 50 = ____	ACH 50 = ____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.2.2 [FI4] ¹ ●	Post construction duct tightness test result of ≤8 cfm to outdoors, or ≤12 cfm across systems. Or, rough-in test result of ≤6 cfm across systems or ≤4 cfm without air handler. Rough-in test verification may need to occur during Framing Inspection.	____ cfm	____ cfm	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.6 [FI5] ¹ ●	Heating and cooling equipment type and capacity as per plans.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.1.1 [FI9] ² ●	Programmable thermostats installed on forced air furnaces.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.1.2 [FI10] ² ●	Heat pump thermostat installed on heat pumps.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
403.4 [FI11] ² ●	Circulating service hot water systems have automatic or accessible manual controls.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
401.3 [FI7] ² ●	Compliance certificate posted.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
303.3 [FI18] ³ ●	Manufacturer manuals for mechanical and water heating equipment have been provided.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)
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2009 IECC Energy Efficiency Certificate

Insulation Rating	R-Value
Above-Grade Wall	19.00
Below-Grade Wall	5.00
Floor	0.00
Ceiling / Roof	50.00
Ductwork (unconditioned spaces):	_____

Glass & Door Rating	U-Factor	SHGC
Window	0.30	0.40
Door	0.20	0.40

Heating & Cooling Equipment	Efficiency
Heating System: _____	_____
Cooling System: _____	_____
Water Heater: _____	_____

Name: _____ **Date:** _____

Comments

Heating Equipment Sizing Summary

General Information

Project Name/Address	KELLY RESIDENCE	
County	SHEBOYGAN	
Design Temperature	-15	Degrees (F)
"Your UA" from ResCheck	430	UA
Conditioned Floor Area	3976	SqFt
Average Wall Height	9	Ft
Infiltration Rate	0.30	ACH (typ 0.50)
Equipment Oversizing Factor	10	%

Load Summary

Conductive Losses	36550	Btu/Hr
Infiltration Losses	16425	Btu/Hr
Oversizing Factor Losses	5297	Btu/Hr
Total Building Heating Load	58272	Btu/Hr

Enter Items in Yellow to get your total Heat Loss. Print and attach with your completed ResCheck Form

Plat of Survey for Todd Kultgen

Lot 7 of Woodland View, a subdivision of part of Lot 2 of Certified Survey Map recorded in Volume 14 of Certified Survey Maps on pages 217 and 218, as Document No. 1490209 and part of Government Lot 3 and Government Lot 4 of the SW 1/4 and part of the SW 1/4 of the SE 1/4 of Section 35, Township 13 North, Range 21 East, Village of Random Lake, Sheboygan County, Wisconsin.

Proposed Grades

Proposed top of foundation wall ele. = 884.10
 Proposed garage floor ele. @ door = 883.77
 Proposed foundation wall height = 8.00
 Proposed top of footing ele. = 876.10

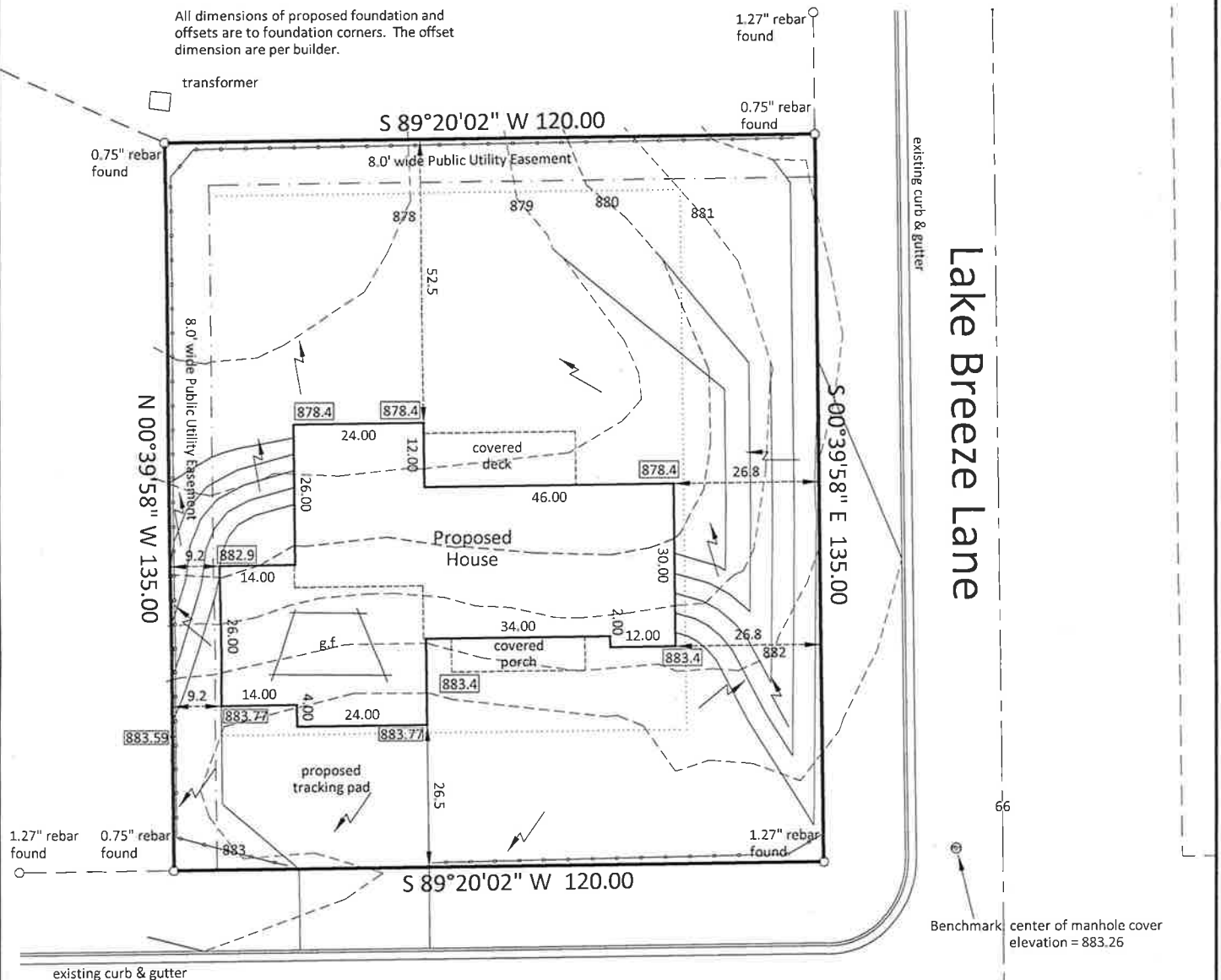
- indicates direction of proposed water drainage

1018 - indicates an existing elevation

1018.0 - indicates a proposed elevation

- proposed silt fence

All dimensions of proposed foundation and offsets are to foundation corners. The offset dimension are per builder.



McDermott Court

Bearings are referenced to the monumented west right of way line of Lake Breeze Lane which has a recorded bearing of S 00°39'58" E.



Scale in feet
1" = 30'

State of Wisconsin)
Ozaukee County)s.s.

I certify that I have surveyed the above described Property, and this map is a true representation thereof and shows the size and location of the Property, its exterior boundaries, the location and dimensions of all visible structures thereon, boundary fences, apparent easements, and roadways and visible encroachments, if any, to the best of my knowledge and belief.

This survey is made for the exclusive use of the present owners of the Property, and also those who purchase, mortgage, or guarantee the title thereto, within one (1) year from date hereof.

Dated this 18th day of July, 2023.

Professional Land Surveyor

