

## **Window replacement 634 Turner Park Court scope of work**

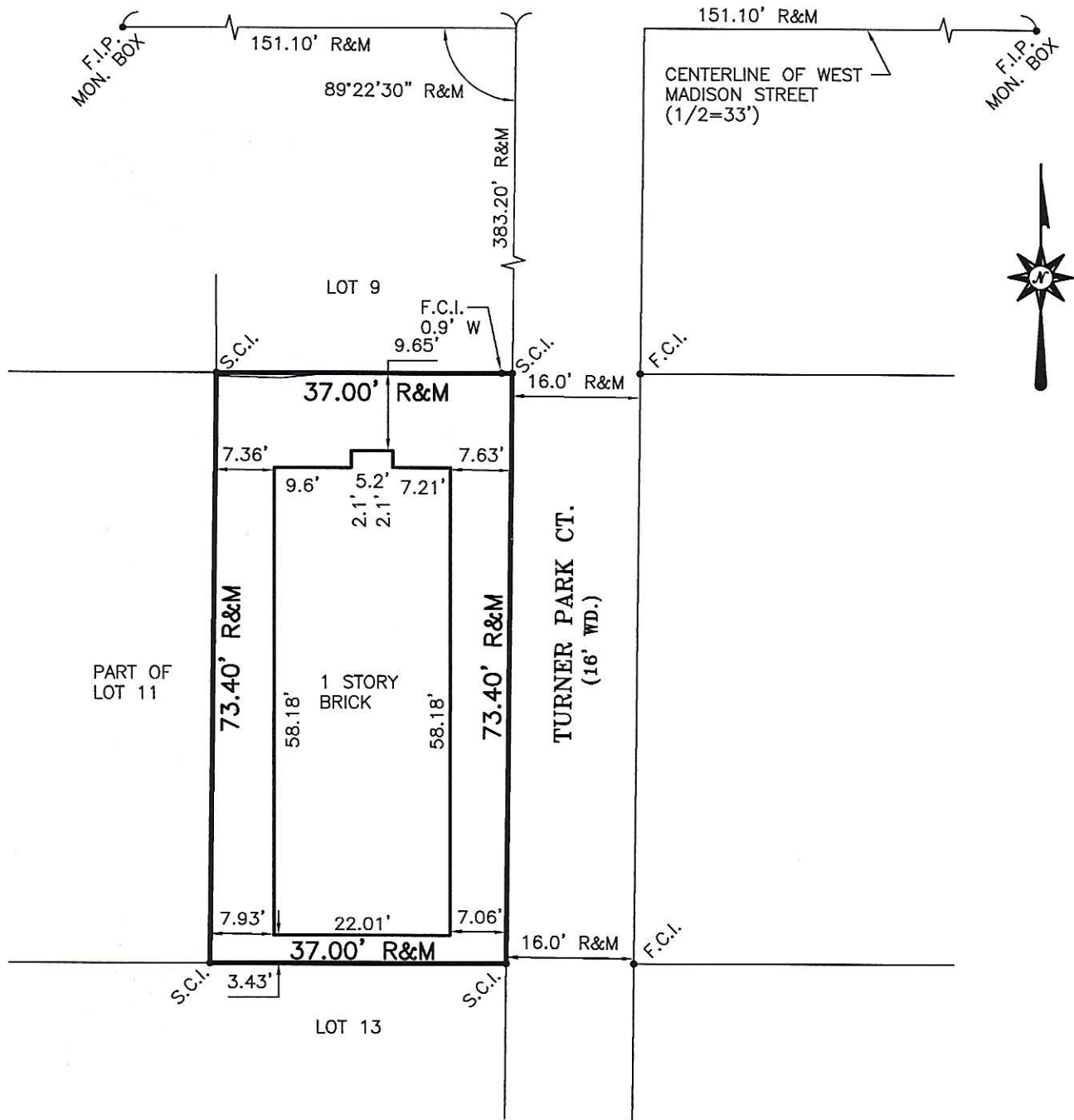
This scope of work covers the replacement of four windows located at 634 Turner park court, ann arbor mi 48103. The windows are at the south end of the structure, two facing south and two facing west. This section of the structure was used as a garage and is being turned into a master bedroom.

The windows are all approximately 82"x53" and have previously modified by having the operable center section replaced with an aluminum sliding unit (date unknown but not correct to the windows). Due to the modifications and overall state of the windows, replacement was decided to be the best course of action.

The two south-facing windows are to be replaced with replica units of the same size as the existing units. The two west-facing units are to be removed and have the size of their opening reduced to accommodate a single row of window lites that will have the same style and individual pane size as the other window lights.

The structure to our best knowledge first used was as a garage. when it was converted to a single-family home, many of the original garage door openings were resized using various methods to accommodate residential doors and windows. The most common method used was a combination of brick sill row with a field of river stone. We are planning to carry this style to the new work to keep a record of the original opening.

# CERTIFICATE OF SURVEY



## LEGAL DESCRIPTION

THE EAST 37.00 FEET OF LOT 11, BLOCK 3 OF "ASSESSORS PLAT No. 2" PART OF THE SOUTHWEST 1/4 OF SECTION 29, T. 2 S., R. 6 E., IN THE CITY OF ANN ARBOR, WASHTENAW COUNTY, MICHIGAN, AS RECORDED IN LIBER 2 OF PLATS, PAGE 31, WASHTENAW COUNTY RECORDS.

## LEGEND

RECORDED	R.
MEASURED	M.
SET CAPPED IRON	S.C.I.
FOUND CAPPED IRON	F.C.I.
FOUND IRON PIPE	F.I.P.



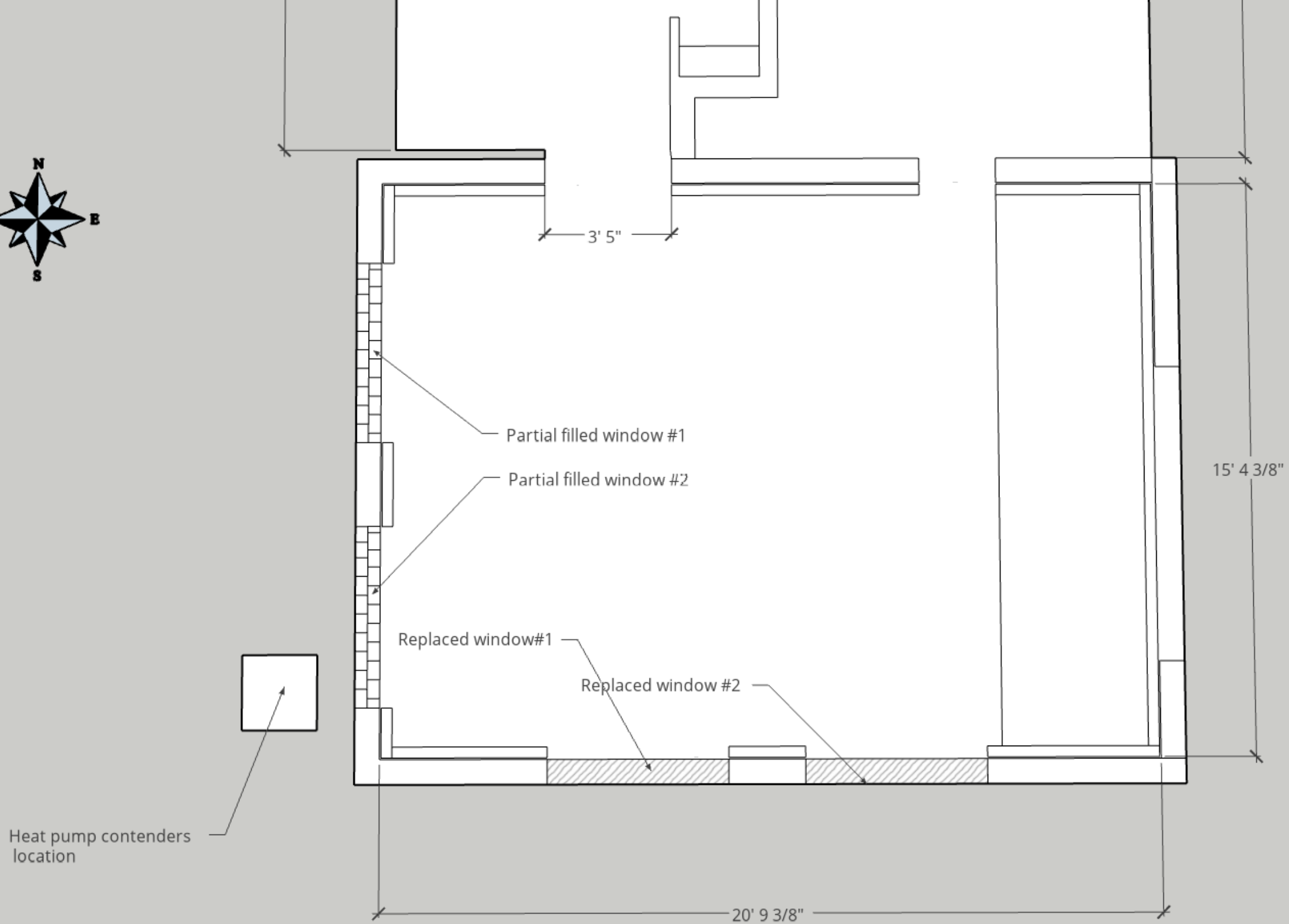
## SURVEYOR'S CERTIFICATE

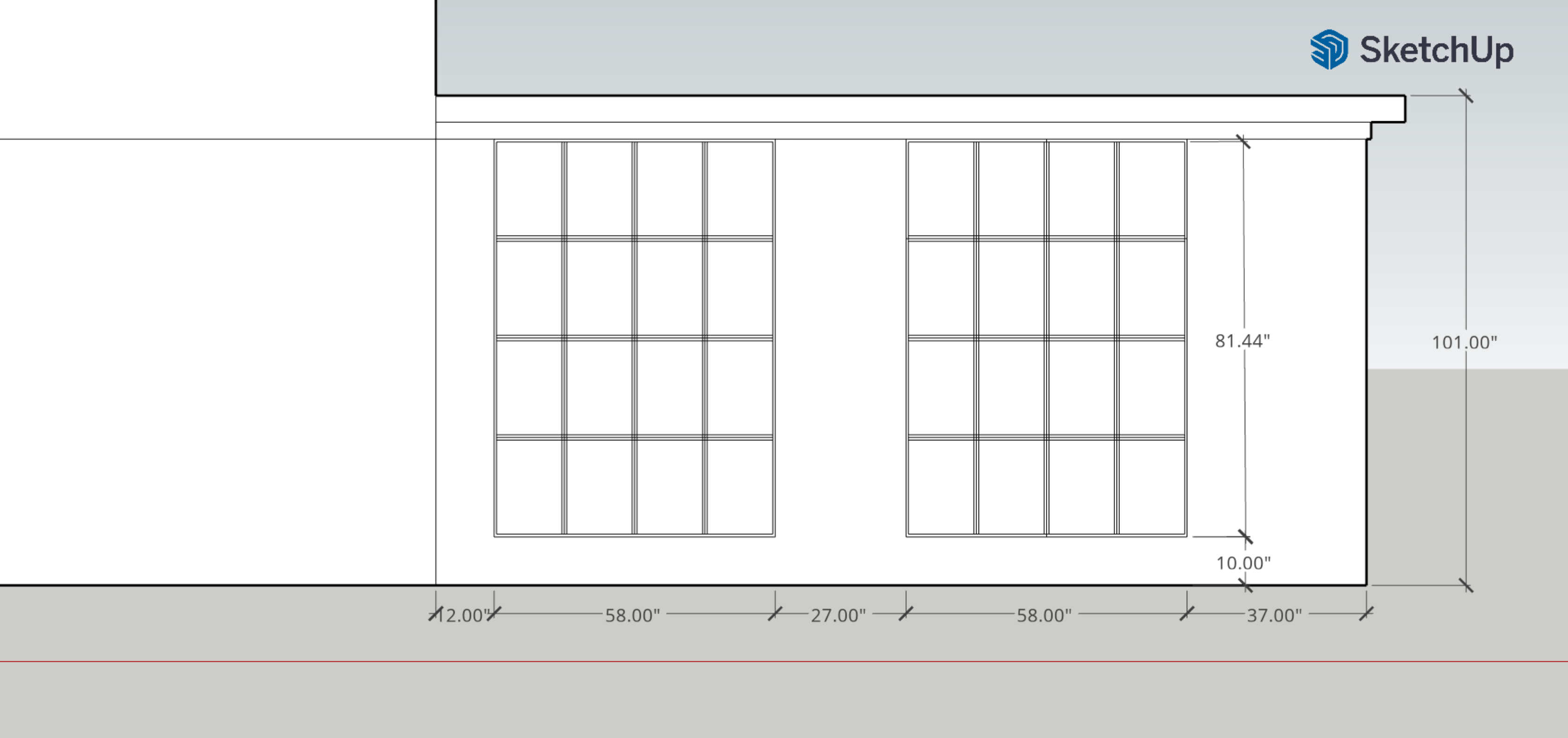
I HEREBY CERTIFY THAT I HAVE SURVEYED AND MAPPED THE LAND ABOVE PLATTED AND/OR DESCRIBED ON 2/20/23 AND THAT THE RATIO OF CLOSURE ON THE UNADJUSTED FIELD OBSERVATIONS OF SUCH SURVEY WAS LESS THAN 1/5000 AND THAT ALL REQUIREMENTS OF P.A. 132 OF 1970 HAVE BEEN COMPLIED WITH.

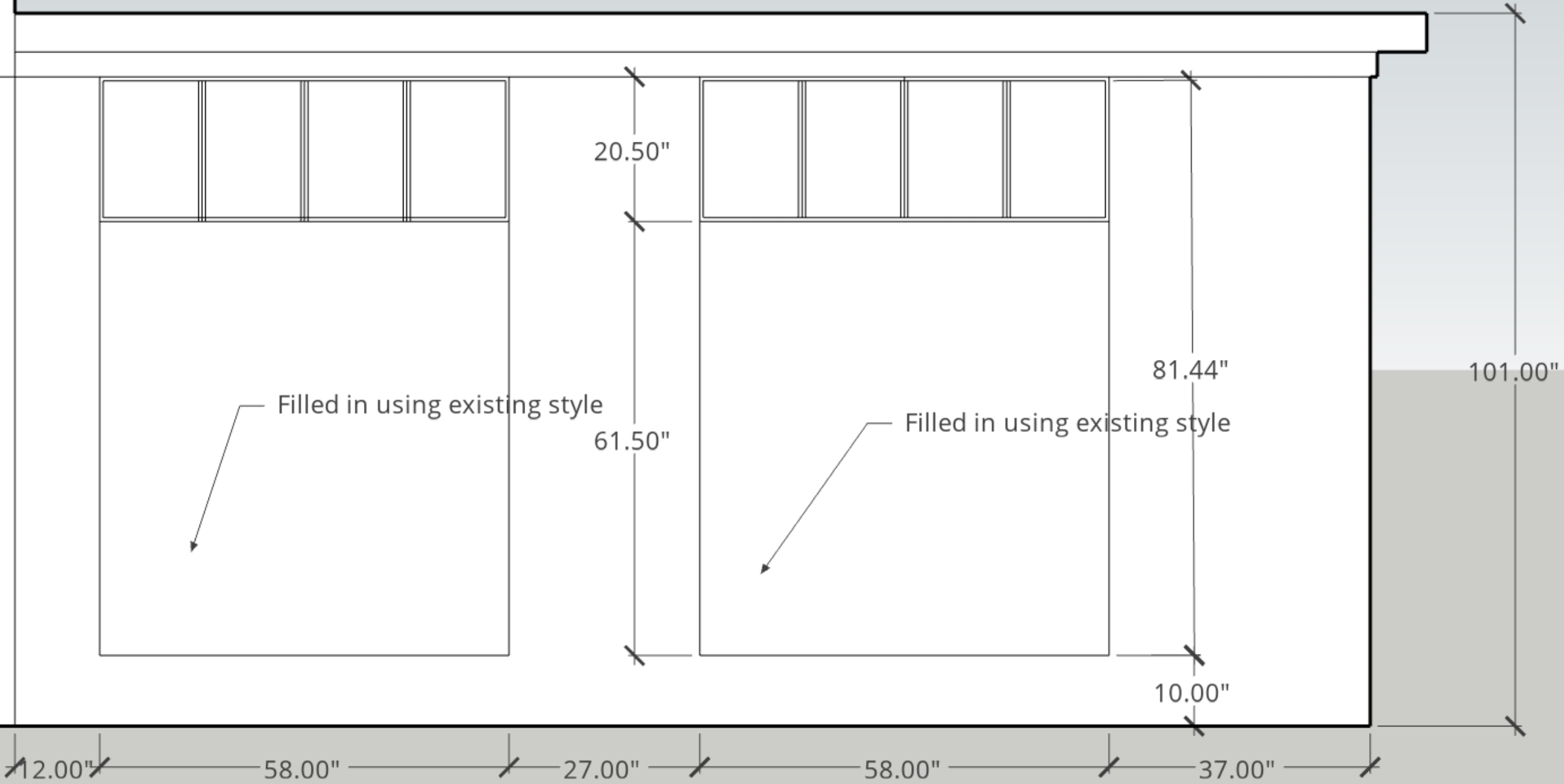
*Greg L. Ash*  
 GREG L. ASH, P.L.S. #28400

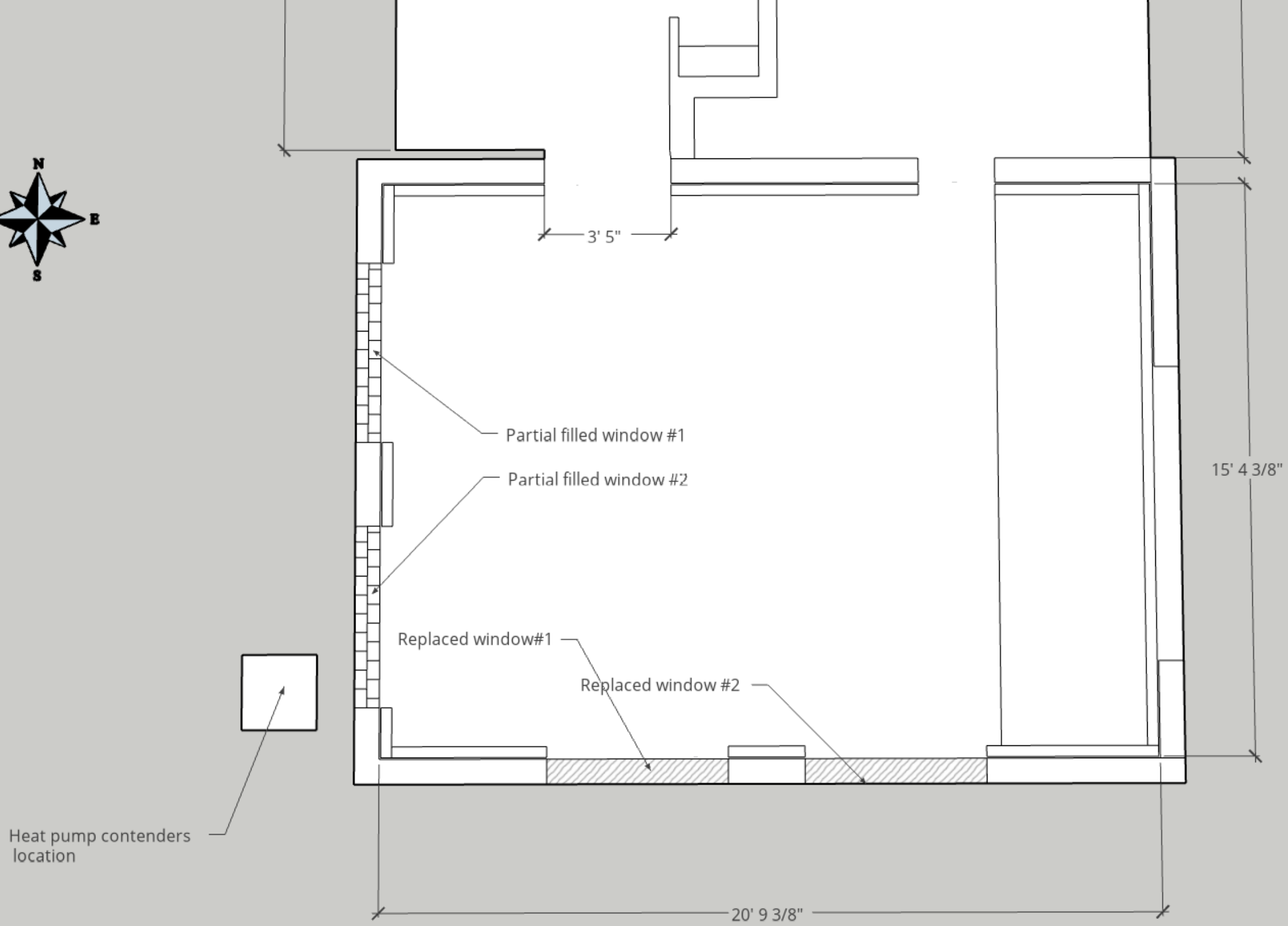
	9450 SOUTH MAIN STREET SUITE 103 PLYMOUTH, MI 48170	CLIENT: TREVOR GRAHAM 1235 EAST CROSS STREET YPSILANTI, MI 48198
	PHONE: (734) 416-9650 FAX: (734) 416-9657 www.glasurveyor.com	

DATE: 3/1/23 JOB NO.: 935-0011 FILE NO.: 935-0011	SCALE: 0' 20' 40' 1" = 20'	SHEET: 1 OF 1	DRAWN BY: S.A.S.
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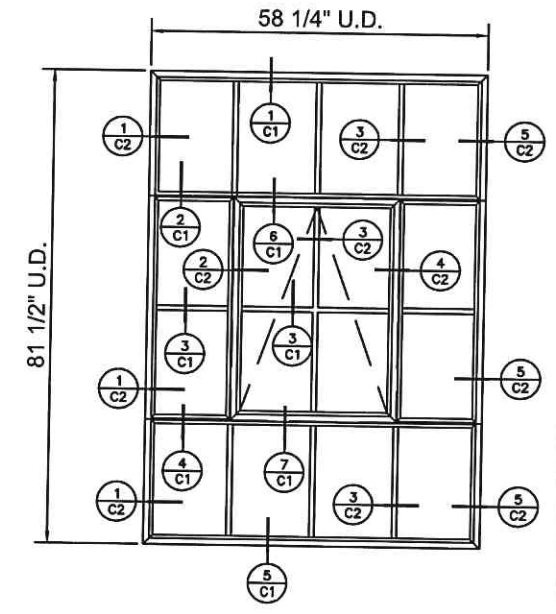
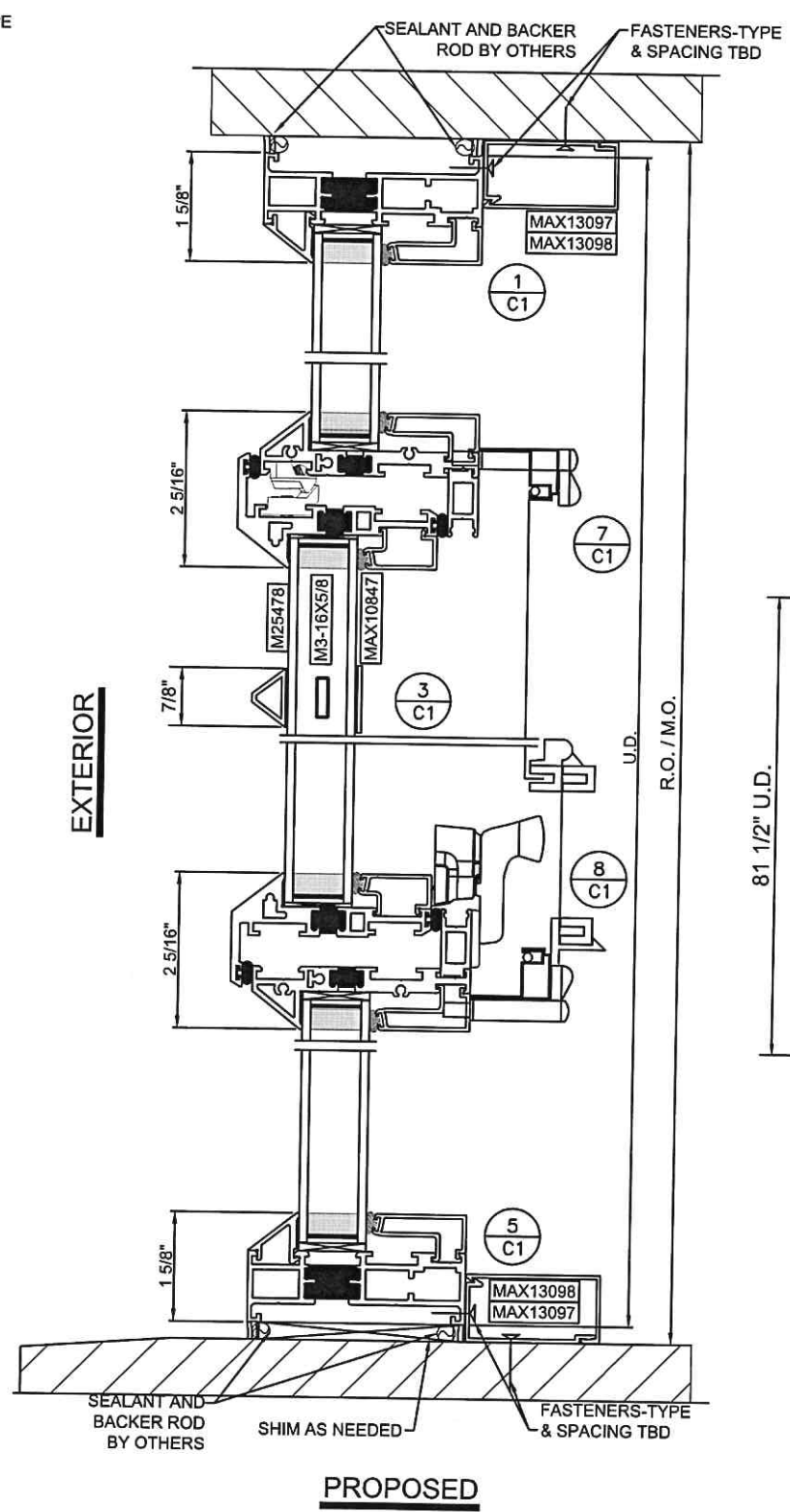
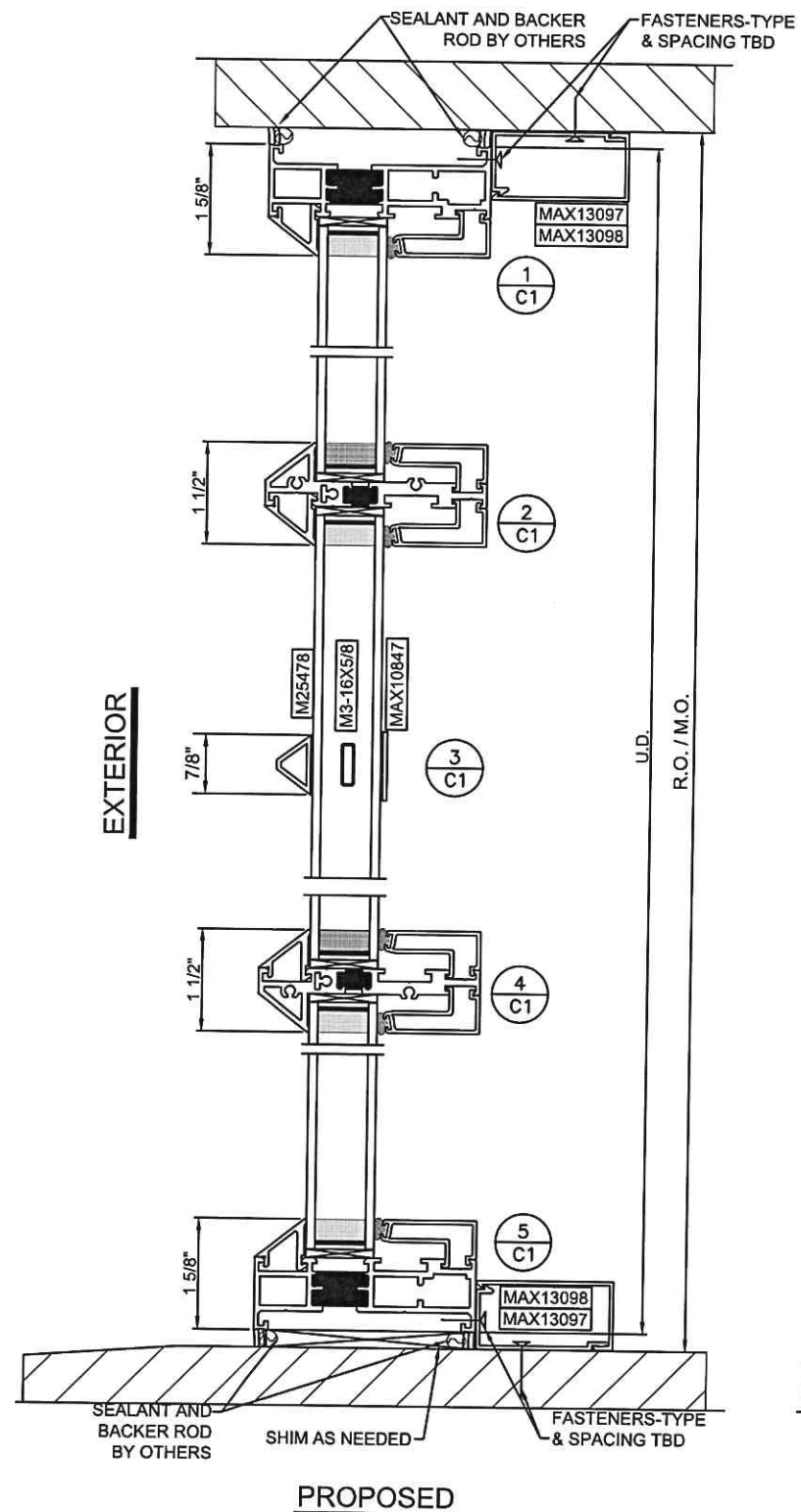
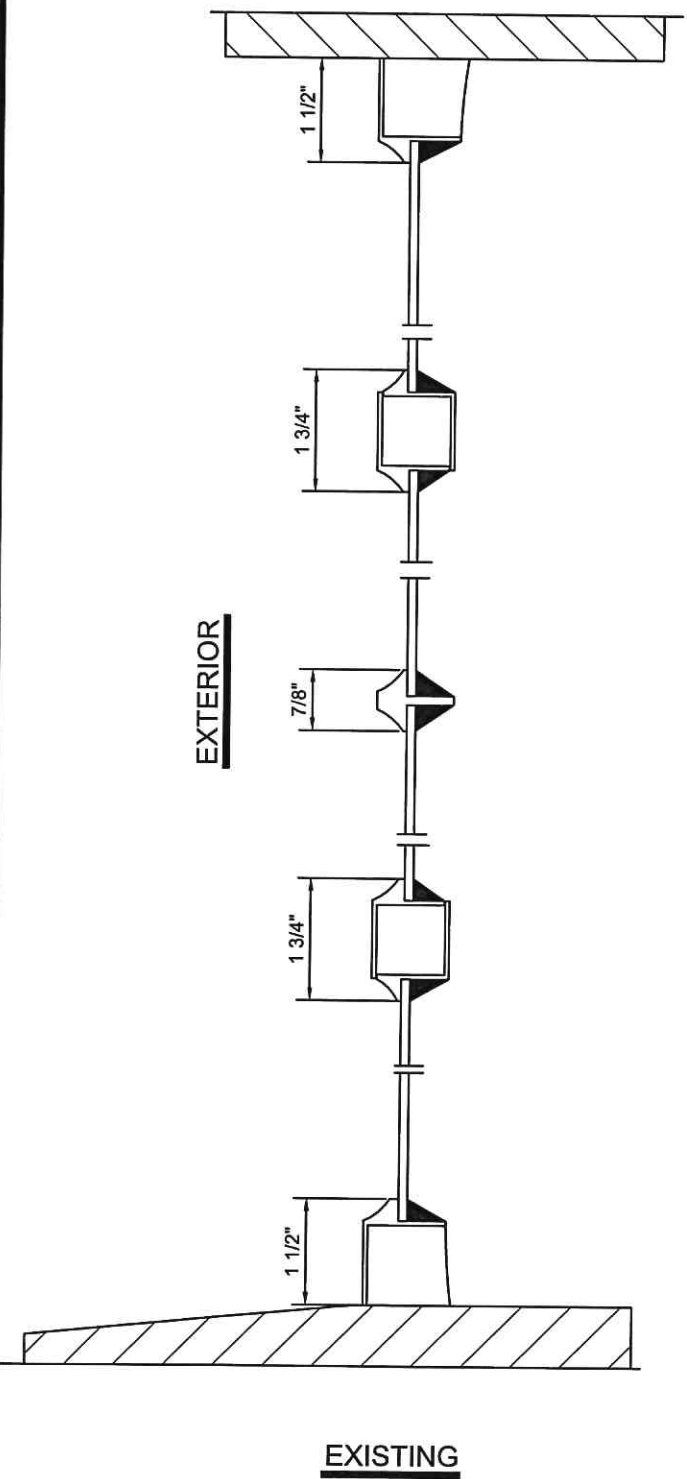












SEALANT MUST MEET OR EXCEED  
ASTM C920-11 SPECIFICATION

PROVIDE ADEQUATE BLOCKING TO  
SUPPORT THE SILL OF THE WINDOW

VERIFY INSTALLATION  
VERIFY WALL DETAILS

**NOTICE:**  
QUAKER DOES NOT SUPPLY ANY  
FASTENERS, SHIMS, BACKER ROD, OR  
SEALANTS, UNLESS OTHERWISE NOTED.

NAILING FLANGES AND DRIP CAPS  
(INTEGRAL OR APPLIED) DO NOT TAKE  
THE PLACE OF WINDOW FLASHING. ALL  
WINDOWS AND DOORS MUST BE  
PROPERLY FLASHED AND SEALED WITH  
MATERIAL COMPATIBLE SEALANT FOR  
PROTECTION AGAINST WATER AND  
INFILTRATION AROUND THE ENTIRE  
PERIMETER. FAILURE TO DO SO COULD  
RESULT IN PRODUCT OR PROPERTY  
DAMAGE.

Project Name: **ANN ARBOR WINDOW PROJECT**

Description: **TYPICAL CUT DETAILS**

QUAKER WINDOW PRODUCTS  
WILL NOT BE RESPONSIBLE  
FOR FIELD MEASUREMENT,  
QUANTITIES, & INSTALLATION  
DESIGN. CONTRACTOR MUST  
VERIFY ALL DIMENSIONS.

PHONE (573)-744-5211  
FAX (573)-744-5586  
**QUAKER**  
COMMERCIAL  
CONCRETE WINDOW AND DOOR  
FAX (573)-744-5822

Scale: **3/8"=1"**  
Sheet #: **C1**

504 Highway 63 South  
Freeburg, MO 65035

Drawn By: **J.S.**  
Checked By: **J.S.**

Drawing Created  
**2/13/23**

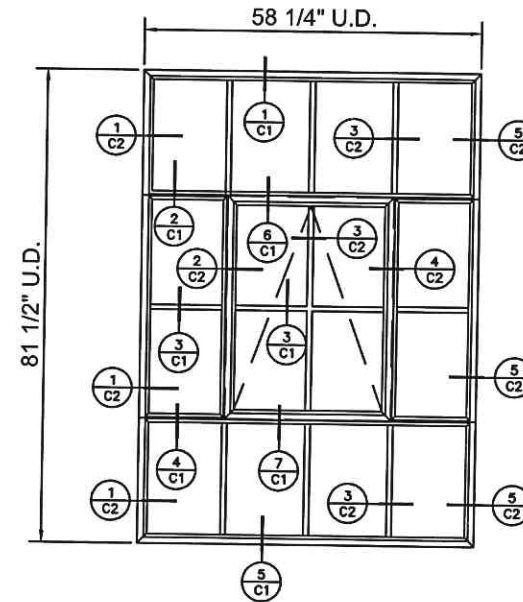
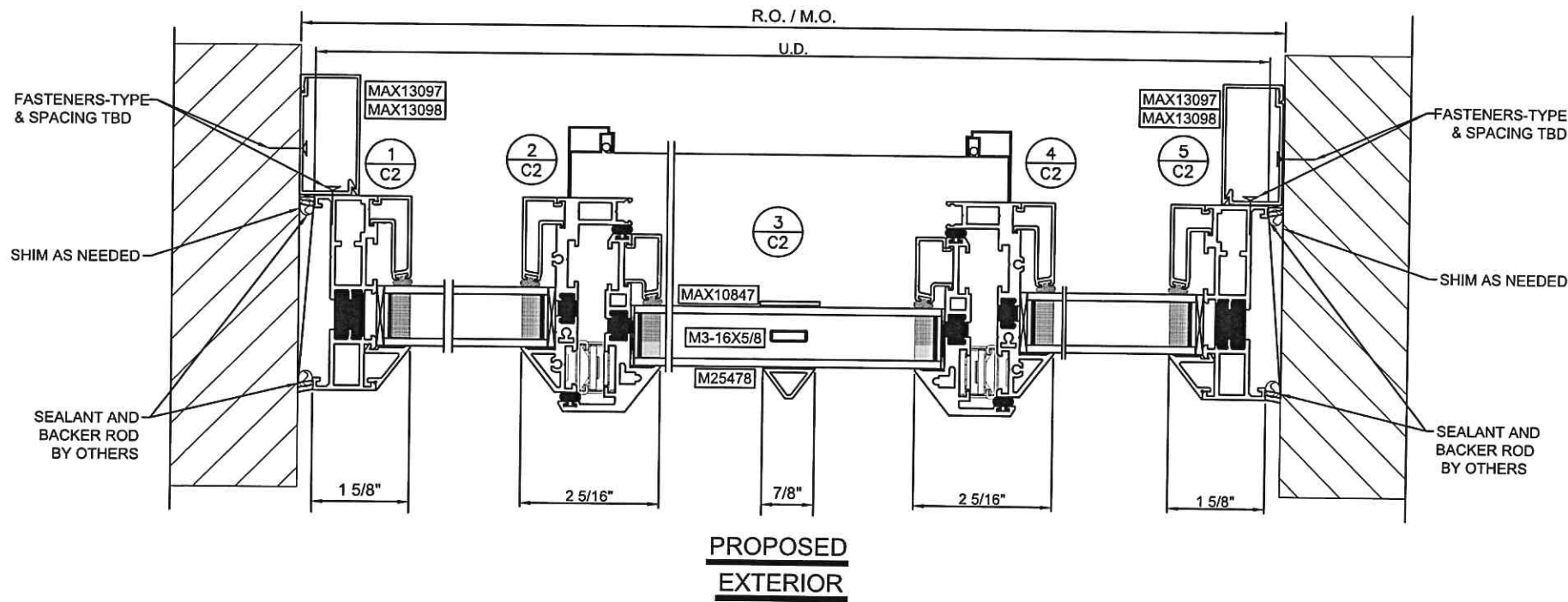
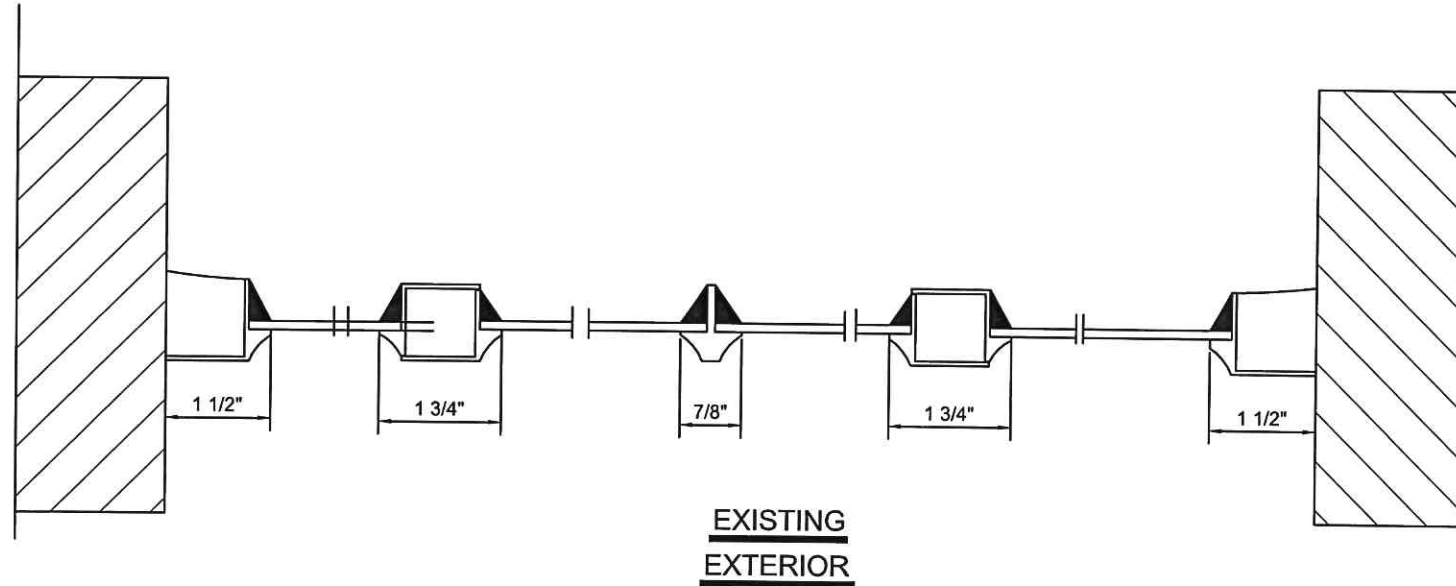
NAILING FLANGES AND DRIP CAPS (INTEGRAL OR APPLIED) DO NOT TAKE THE PLACE OF WINDOW FLASHING. ALL WINDOWS AND DOORS MUST BE PROPERLY FLASHED AND SEALED WITH MATERIAL COMPATIBLE SEALANT FOR PROTECTION AGAINST WATER AND INFILTRATION AROUND THE ENTIRE PERIMETER. FAILURE TO DO SO COULD RESULT IN PRODUCT OR PROPERTY DAMAGE.

SEALANT MUST MEET OR EXCEED ASTM C920-11 SPECIFICATION

PROVIDE ADEQUATE BLOCKING TO SUPPORT THE SILL OF THE WINDOW

VERIFY INSTALLATION  
VERIFY WALL DETAILS

**NOTICE:**  
QUAKER DOES NOT SUPPLY ANY FASTENERS, SHIMS, BACKER ROD, OR SEALANTS, UNLESS OTHERWISE NOTED.



Project Name:  
**ANN ARBOR WINDOW PROJECT**

Description:  
**TYPICAL CUT DETAILS**

QUAKER WINDOW PRODUCTS WILL NOT BE RESPONSIBLE FOR FIELD MEASUREMENT, QUANTITIES, & INSTALLATION DESIGN. CONTRACTOR MUST VERIFY ALL DIMENSIONS.

PHONE (573)-744-5211  
FAX (573)-744-5586  
**QUAKER**  
COMMERCIAL  
GENERAL WINDOWS AND DOORS  
FAX (573)-744-5822

Scale: 3/8"=1"  
Sheet #: **C2**  
504 Highway 63 South  
Freeburg, MO 65035

Drawn By: JS  
Checked By: ----



www.blackberrysystems.com

Corporate Office: 6477 West KL Avenue • Kalamazoo, MI 49009 • 269.353.8844 • 800.732.9400 • fax.269.353.8843

2/15/2022

Graham Carpentry  
Attn: Trevor Graham  
1235 E Cross St.  
Ypsilanti, MI 48198

Job Name: Ann Arbor Project  
Job Location: Ann Arbor, MI

### **COMMERCIAL SALES PROPOSAL:**

BlackBerry is providing budget pricing for the removal, supply, and installation of (4) windows for Graham Carpentry LLC Ann Arbor Project. Windows to be thermally broken aluminum replicas.

#### **Item 1.)**

(4) Quaker H450 Historic series thermally broken aluminum replica windows. Frame to be direct set and have depths of 3-1/4", and to be a standard AAMA 2604 finish. Also included are simulated divided lites to match existing pattern and interior snap trim. Glass to be 1" IG, tempered, with Cardinal 272 Low-E on the #2 surface, argon gas filled. Standard hardware to include roto operators for center awning operable sashes. Screens.

**Total Price: \$19,170.00**

Pricing includes material, tax on material, labor (non-union, non-prevailing wage), employment costs, insurance, disposal, staging, shop drawings, and supervision.

**Architectural • Historical • Commercial Window and Door Systems**

**Pricing is good for 30 Days.**

BlackBerry Systems proposes hereby to furnish products and services in accordance with the description for the sum of: See above Pricing. Terms are net 30 days from the date of delivery. Late payment 1.5% finance charge per month after 30 days. This contract may be withdrawn if not accepted within 30 days.

**ACCEPTANCE OF PROPOSAL:** By signing, you hereby accept the above prices, quantities, specifications, and conditions as satisfactory and authorize BlackBerry Systems, Inc. to provide as specified. You accept responsibility for checking and approving all quantities and specifications; and will provide full payment as outlined. Work will not proceed, nor will material be ordered without a signed contract and down payment, if required.

\_\_\_\_ PJA \_\_\_\_\_  
Peter J Arena  
Commercial Estimator  
BlackBerry Systems, Inc.

\_\_2/15/2022\_\_\_\_\_  
Date

\_\_\_\_\_  
Accepted By

\_\_\_\_\_  
Date