

The David Whitney Building

1553 Woodward Avenue
Detroit, Michigan

Window Shop Drawings



Universal Glass & Metals, Inc. m.b.e.
3000 Vinewood
Detroit, Michigan 48216
Phone 313-898-8225 | Fax 313-898-8226

IMPORTANT
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DO NOT SCALE PLANS
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Shop Drawings Prepared By



Charrette Studios Inc.
23581 Donaldson Street
Clinton Township, Michigan 48035
P: 586-790-4329 | F: 586-790-4346

CSI Project Information

Drawn By: Mark J. Charrette
CSI Project No: 07011316w

Architect

KraemerDesignGroup
1420 Broadway
Detroit, Michigan 48226

General Cntr. or Constuction Mgr.

Waldbridge
777 Woodward Avenue, Suite 300
Detroit, Michigan 48226

Issue & Revision Dates

No.	Date	Subject
1	01-21-15	As Built for Record

Project Name & Location

The David Whitney Building
1553 Woodward Avenue
Detroit, Michigan

Window Shop Drawings

Project Information

Project Manager: Jim Vogelsberg
Glazing Cntr Job No: ----

Drawing Title

General Notes

Scale:

Sheet Number

Cover Page

- Field Verify All Dimensions
- General Contractor to hold all Dimensions as shown herein.

Items Furnished By Others

- Coping or Gravel stop trim
- Additional Insulation
- Fire safing insulation/requirements
- Steel studs, furring, or dens glass
- Vapor / Air barriers
- Gypsum board
- Wood blocking unless otherwise noted
- Any items not specifically noted herein

Specifications of Items Furnished by Glazing Contractor

Windows to be:

Traco TR-9700 NPS Beveled Single Hung Series Window

Hardware to include:

Dog Lug: NPS (30-4716 Dog-Lug)
Ultra-Lift Class Five Balances
Sill Snap Locks (Double)

Finish to be:

Painted Standard Bronze Duranar

Accessories to include:

Custom Traco Panning @ Head & Jamb
XN Standard Sill Panning at Sill

Interior Perimeter Caulking only supplied by Universal Glass and Metals Inc.

Glass Types to be:

- 3/4" Clear Annealed Insulated with Solarban 60 #3
- 3/16" Clear Annealed
- 3/8" Argon Filled Air Space
- 3/16" Clear Annealed with Solarban 60 #3 Surface

Glass Note:

Traco TR-9700 NPS Beveled Single Hung Series Window Will Not Accomodate 1" Glass Thickness.
Standard Glass Thickness for this Window is 3/4"

Architect

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General Contractor or Construction Manager

Waldbridge

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Detroit, Michigan 48226

Ph: (313) 963-8150 | Fax: (313) 963-8123

Installation Notes:

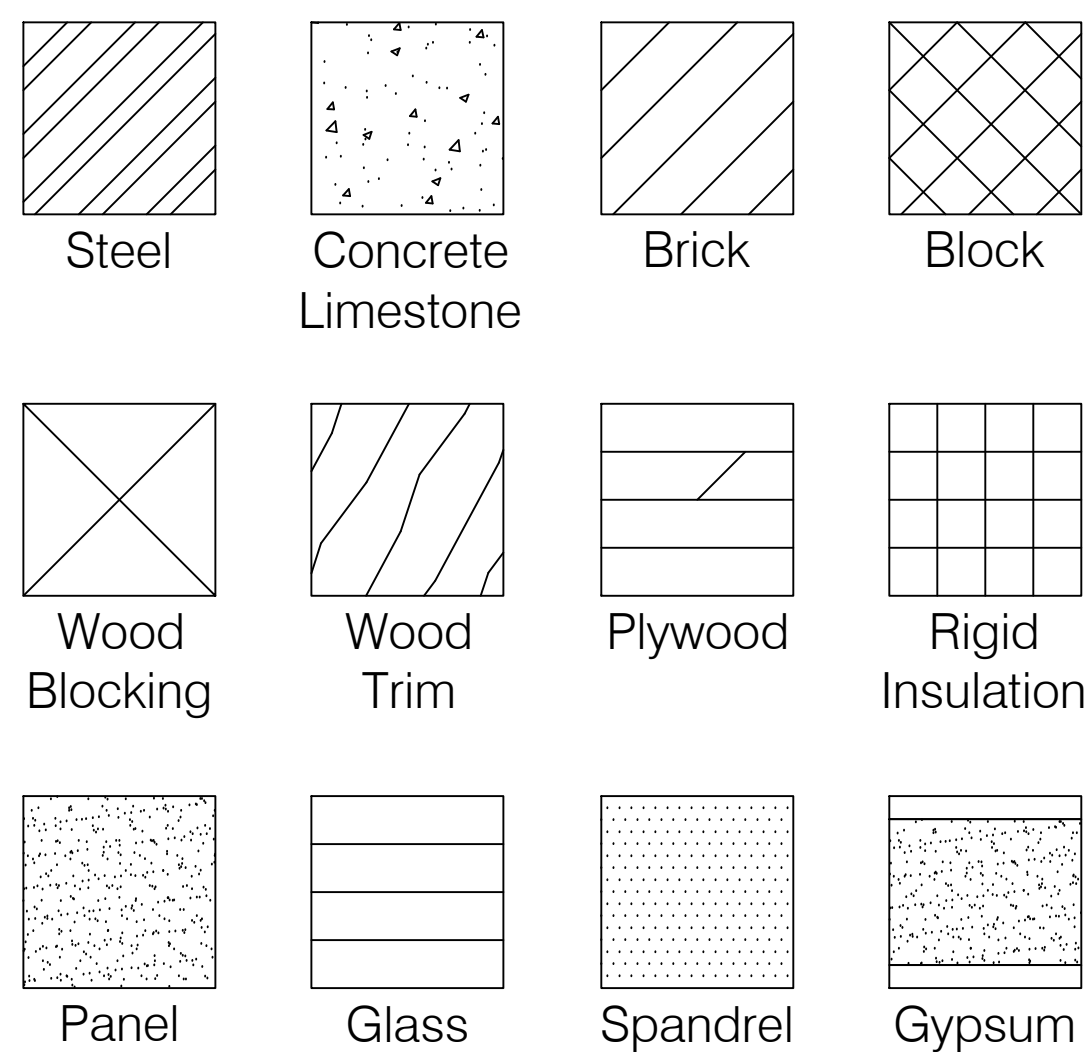
- All dimensions are to be field verified prior to any fabrication or installation of curtain wall, storefront and or window systems, unless guaranteed by the general contractor.
- Fastener types shown on the drawings are for reference only. Actual fastener types may vary due to field conditions as professionally determined by the glazing contractor.
- See manufacturers installation instructions for further information concerning both installation and fabrication.

Professional Engineers Seal

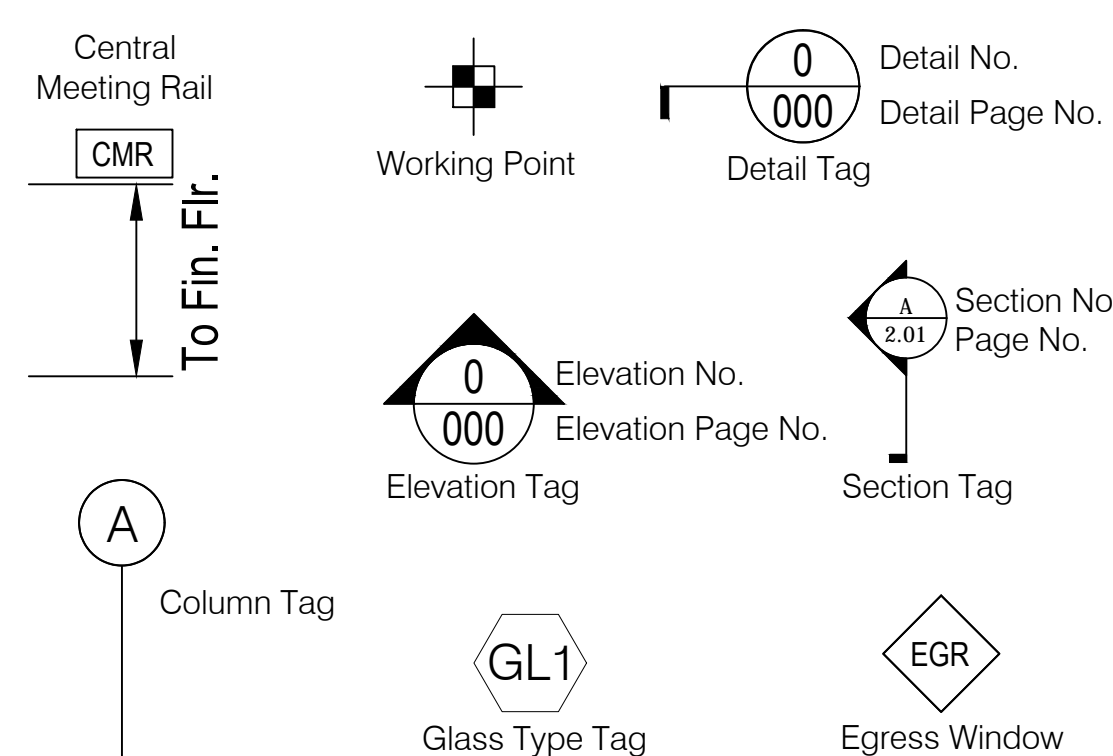
Sheet Index

Cover Page	General Notes
1.02 - 1.18	Floor Plans
2.01 - 2.02	Building Elevations
3.01	Elevations
4.01 - 4.05	Details
5.01 - 5.02	Window Schedule

Hatch Patterns

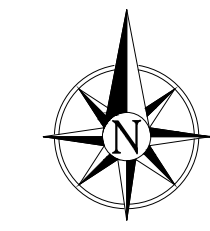
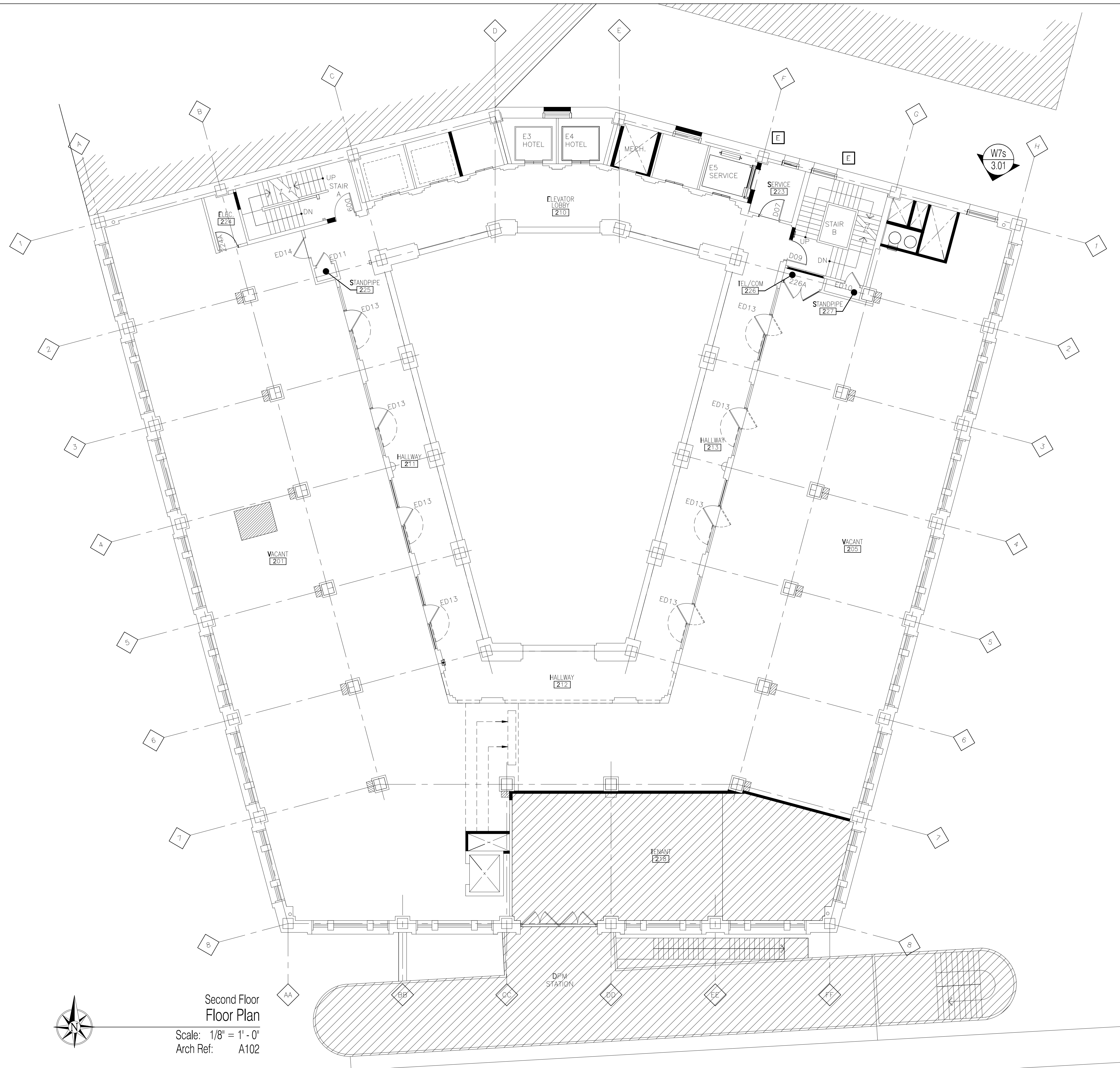


Window Symbols



Abbreviations

R.O. = Rough Opening	W.L. = Wind Load
M.O. = Masonry Opening	D.L. = Dead Load
P.O. = Plaster Opening	T.O.M. = Top of Mullion
F.S. = Frame Size	B.O.M. = Bottom of Mullion
D.L.O. = Day Light Opening	T.O.S. = Top of Steel
D.O. = Door Opening	B.O.S. = Bottom of Steel
W.M. = Window Make	T.O. = Top of
A.D. = Assembled Dimension	TYP. = Typical
V.I.F. = Verify in Field	SIM. = Similar
REF. = Reference	HRDW. = Hardware
F.F. = Finish Floor	OPP. = Opposite
G.C. = General Contractor	O.H. = Opposite Hand
C.M. = Construction Manager	ELEV. = Elevation
N.T.S. = Not to Scale	W.P. = Working Point
CL = Center Line	S.S. = Stainless Steel



Second Floor
Floor Plan
Scale: 1/8" = 1' - 0"
Arch Ref: A102



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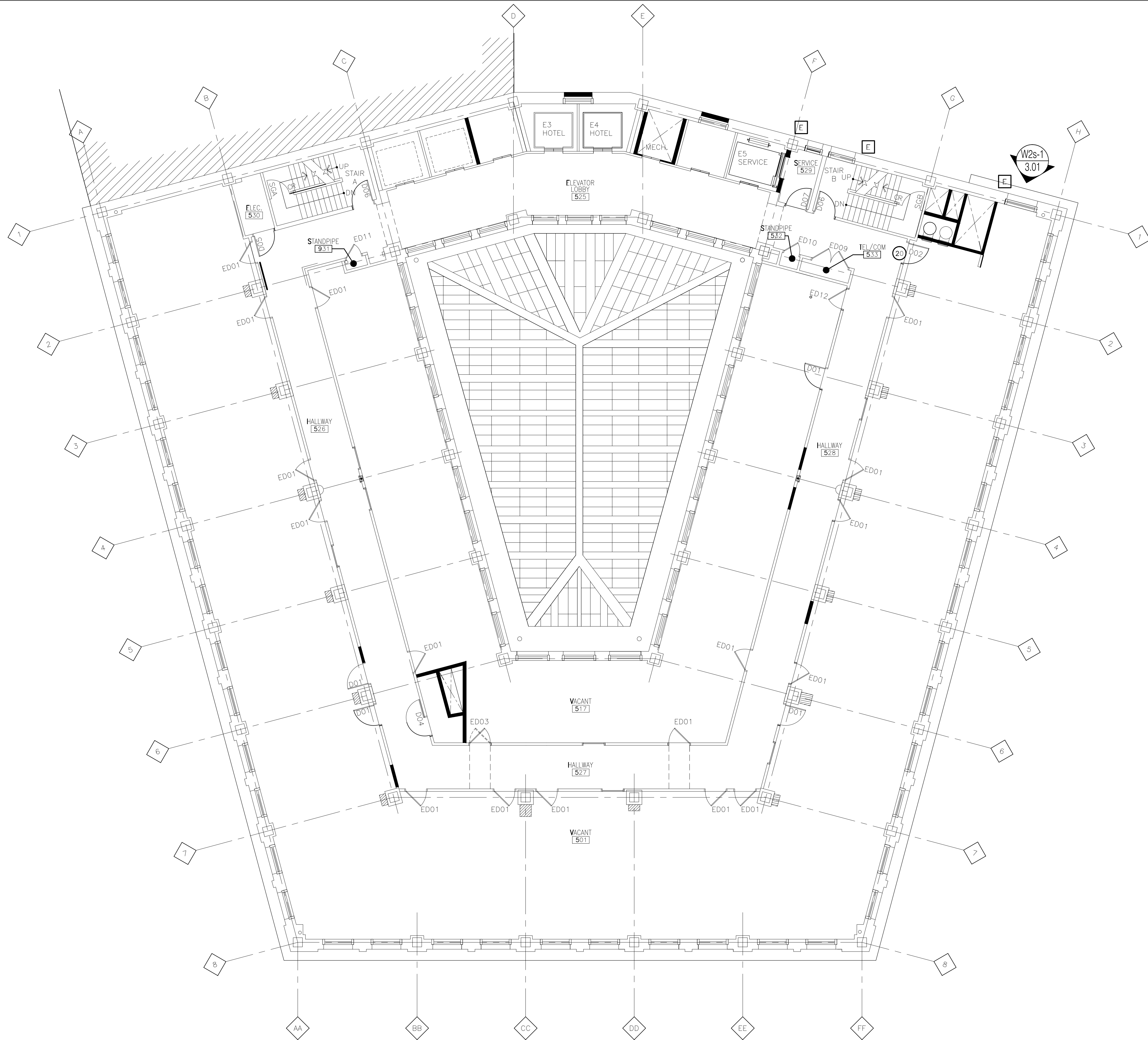
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Floor Plans
2nd Floor

Scale: As Noted

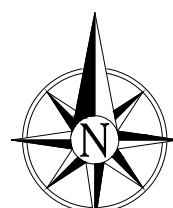
Sheet Number

1.02



Fifth Floor
Floor Plan

Scale: 1/8" = 1'-0"
Arch Ref: A105



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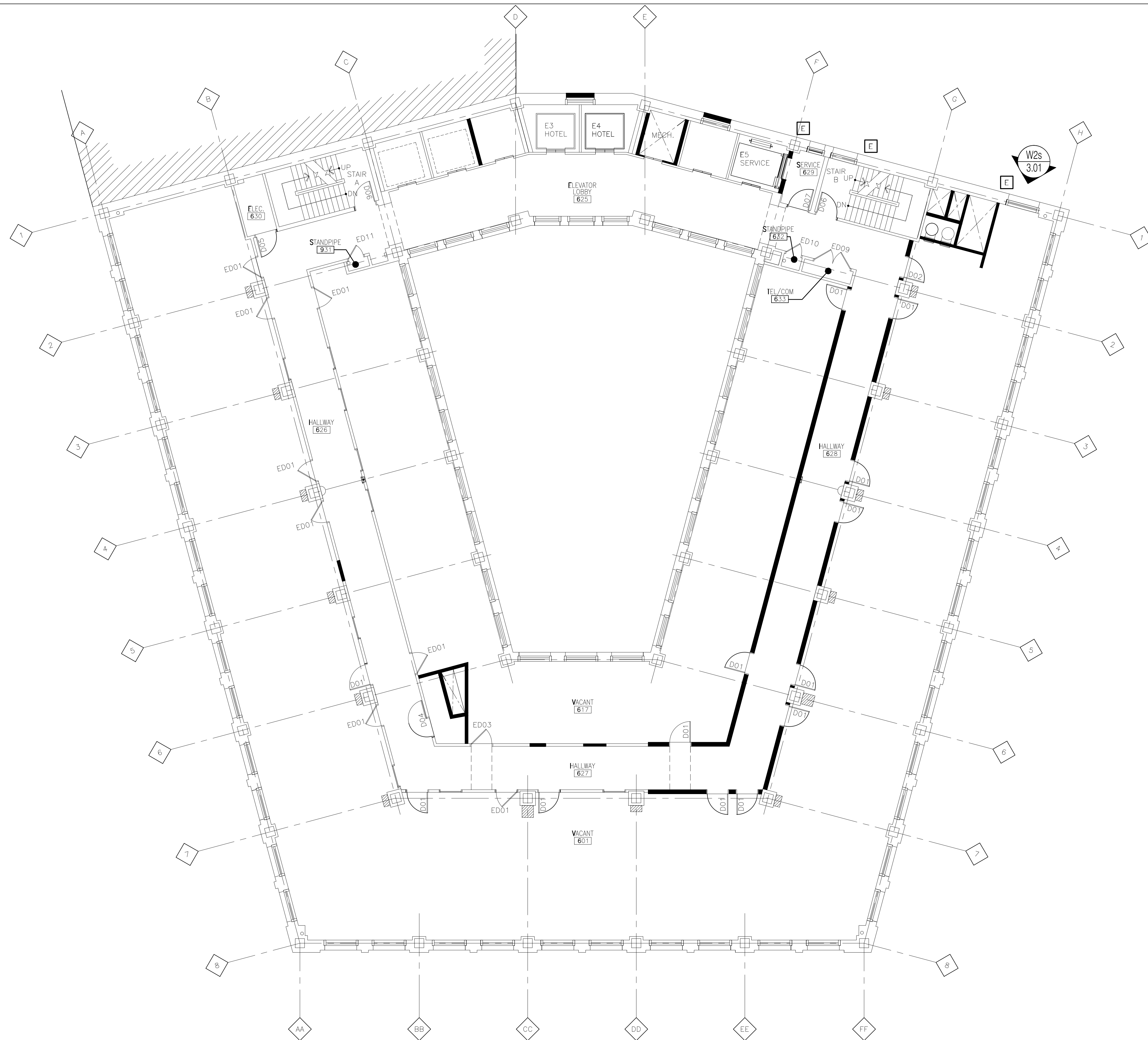
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Floor Plans
5th Floor

Scale: As Noted

Sheet Number

1.05



Sixth Floor
Floor Plan
Scale: 1/8" = 1' - 0"
Arch Ref: A106



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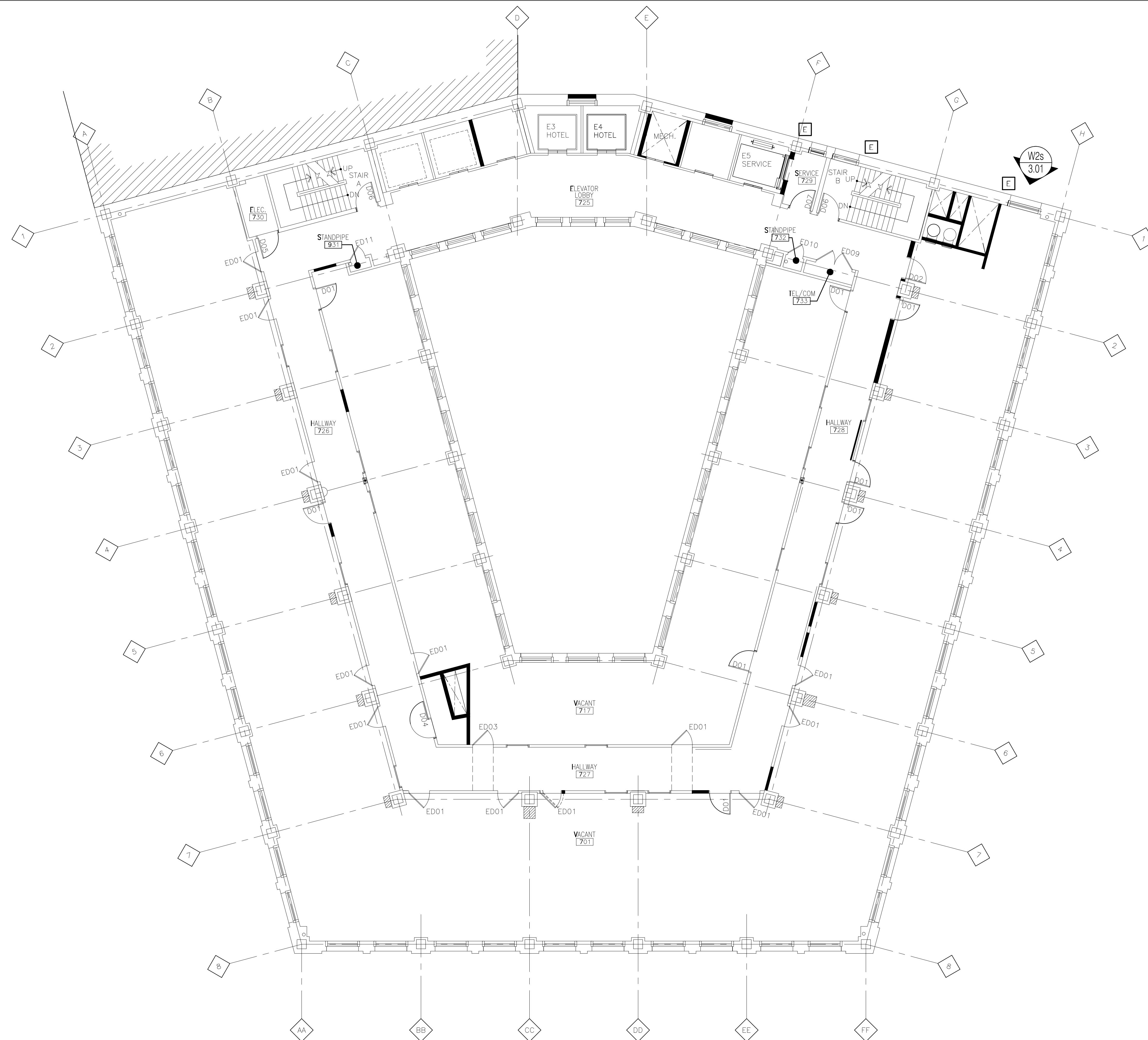
1553 Woodward Avenue
Detroit, Michigan

Window Shop Drawings

Project Information
Project Manager: Jim Vogelsberg
Glazing Cntr Job No: ----

Drawing Title
Floor Plans
6th Floor
Scale: As Noted

Sheet Number
1.06



Seventh Floor
Floor Plan
Scale: 1/8" = 1' - 0"
Arch Ref: A107



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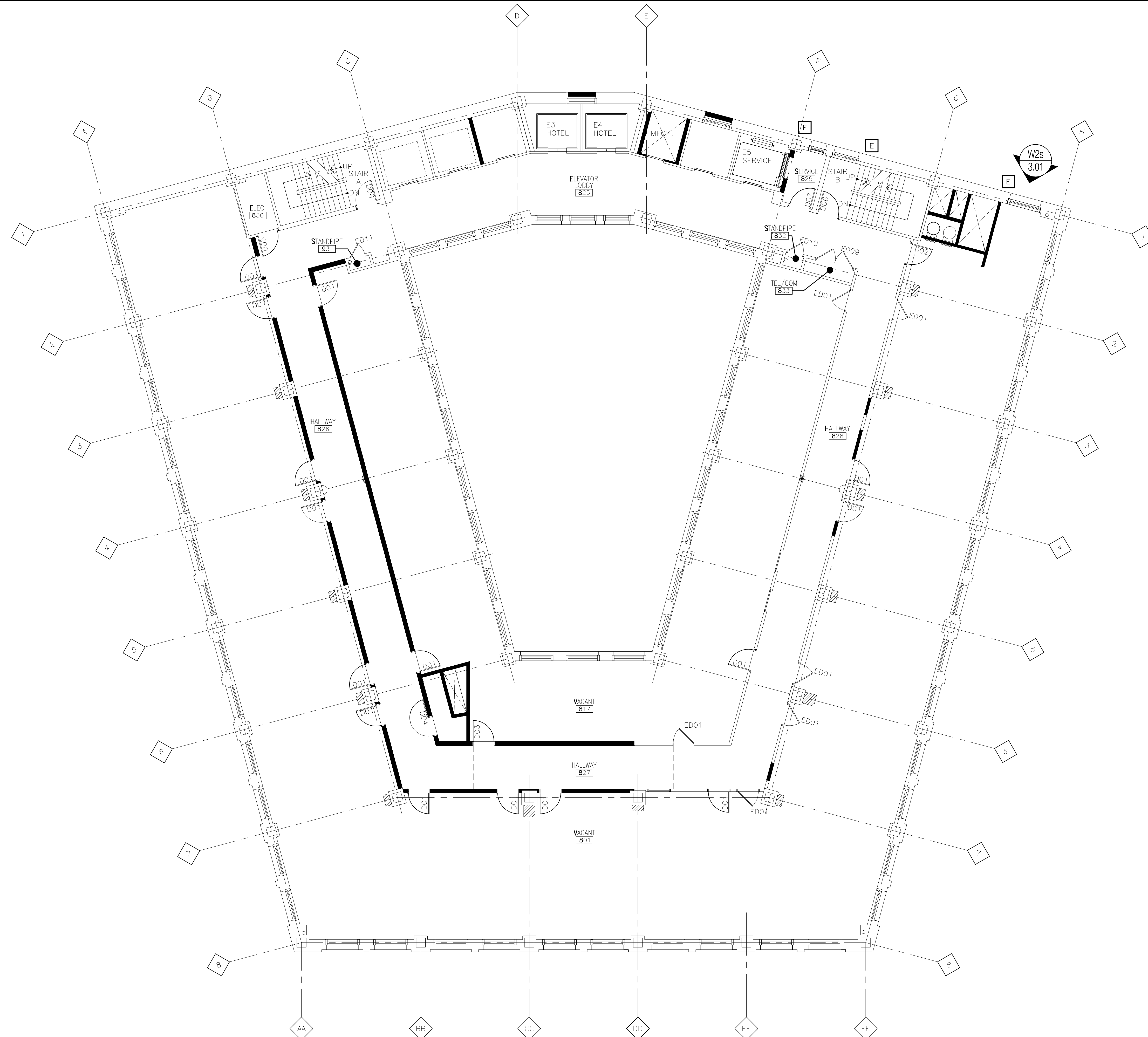
1553 Woodward Avenue
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Glazing Cntr Job No: ----

Drawing Title
Floor Plans
7th Floor
Scale: As Noted

Sheet Number
1.07



Eighth Floor
Floor Plan
Scale: 1/8" = 1' - 0"
Arch Ref: A108



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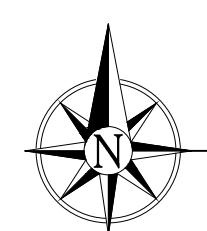
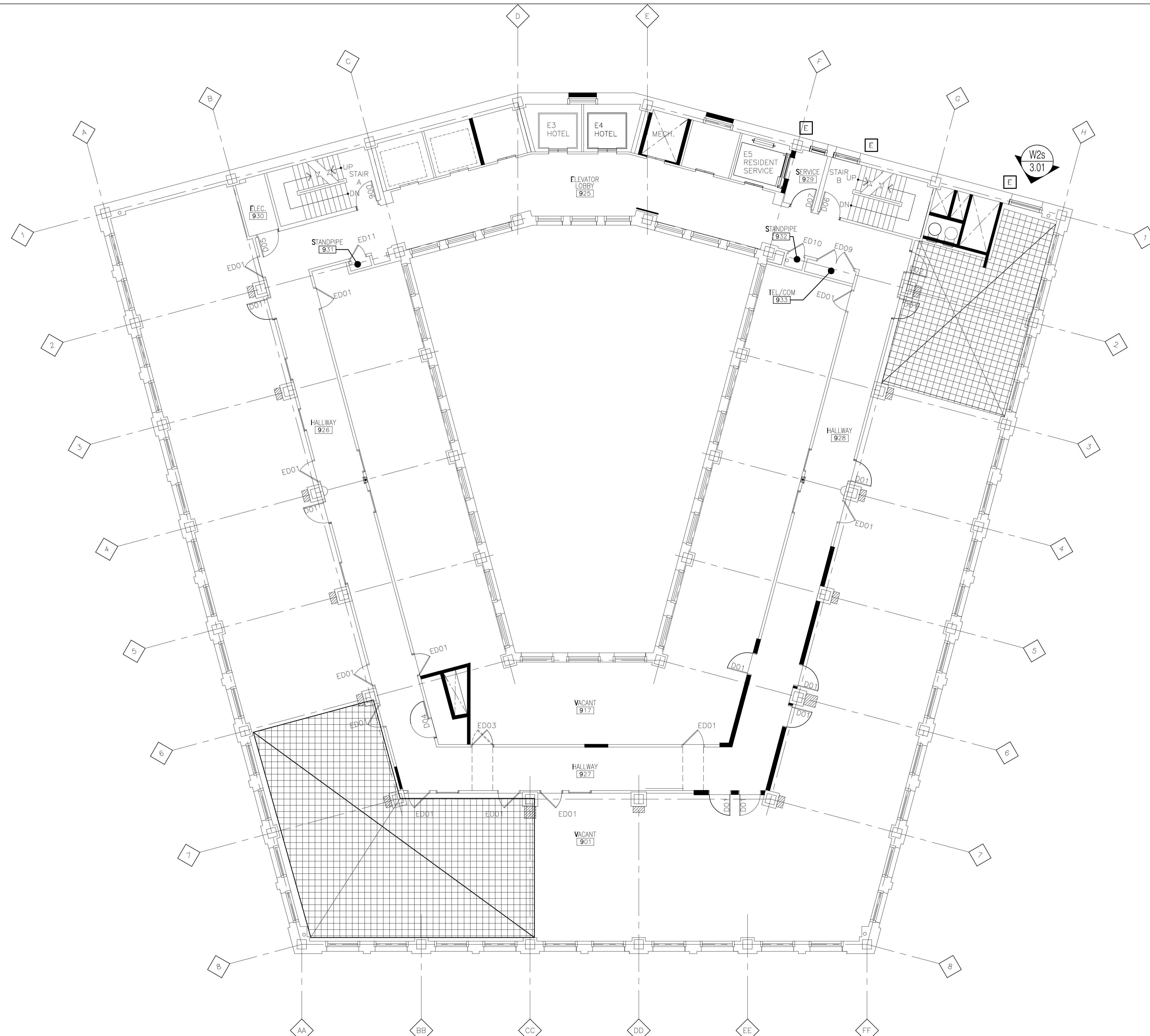
Drawing Title

Floor Plans
8th Floor

Scale: As Noted

Sheet Number

1.08



Ninth Floor
Floor Plan
Scale: 1/8" = 1'-0"
Arch Ref: A109



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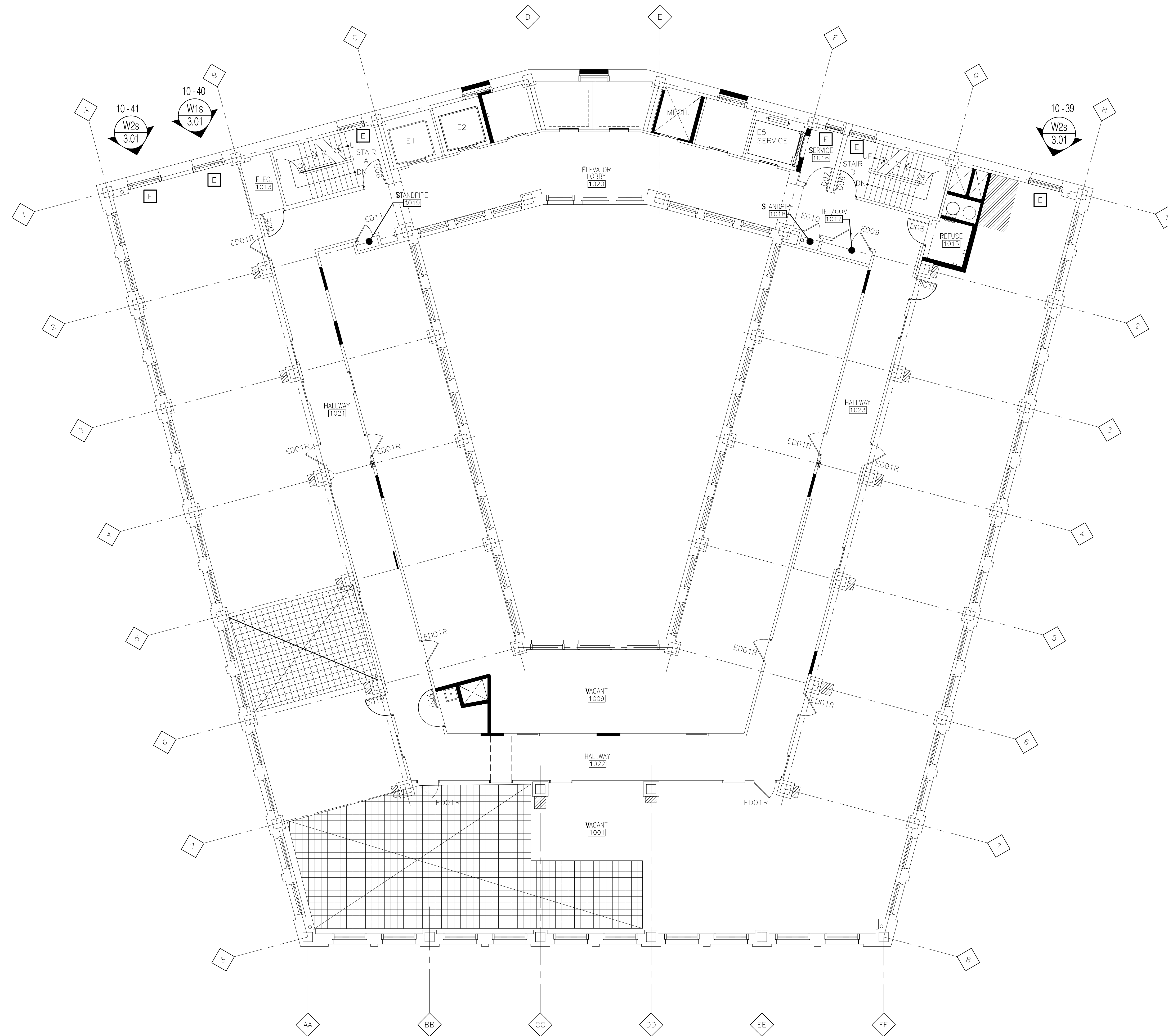
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Window Shop Drawings

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Project Manager: Jim Vogelsberg
Glazing Cntr Job No: ----

Drawing Title
Floor Plans
9th Floor
Scale: As Noted

Sheet Number
1.09



Tenth Floor
 Floor Plan
 Scale: 1/8" = 1'-0"
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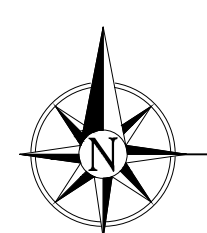
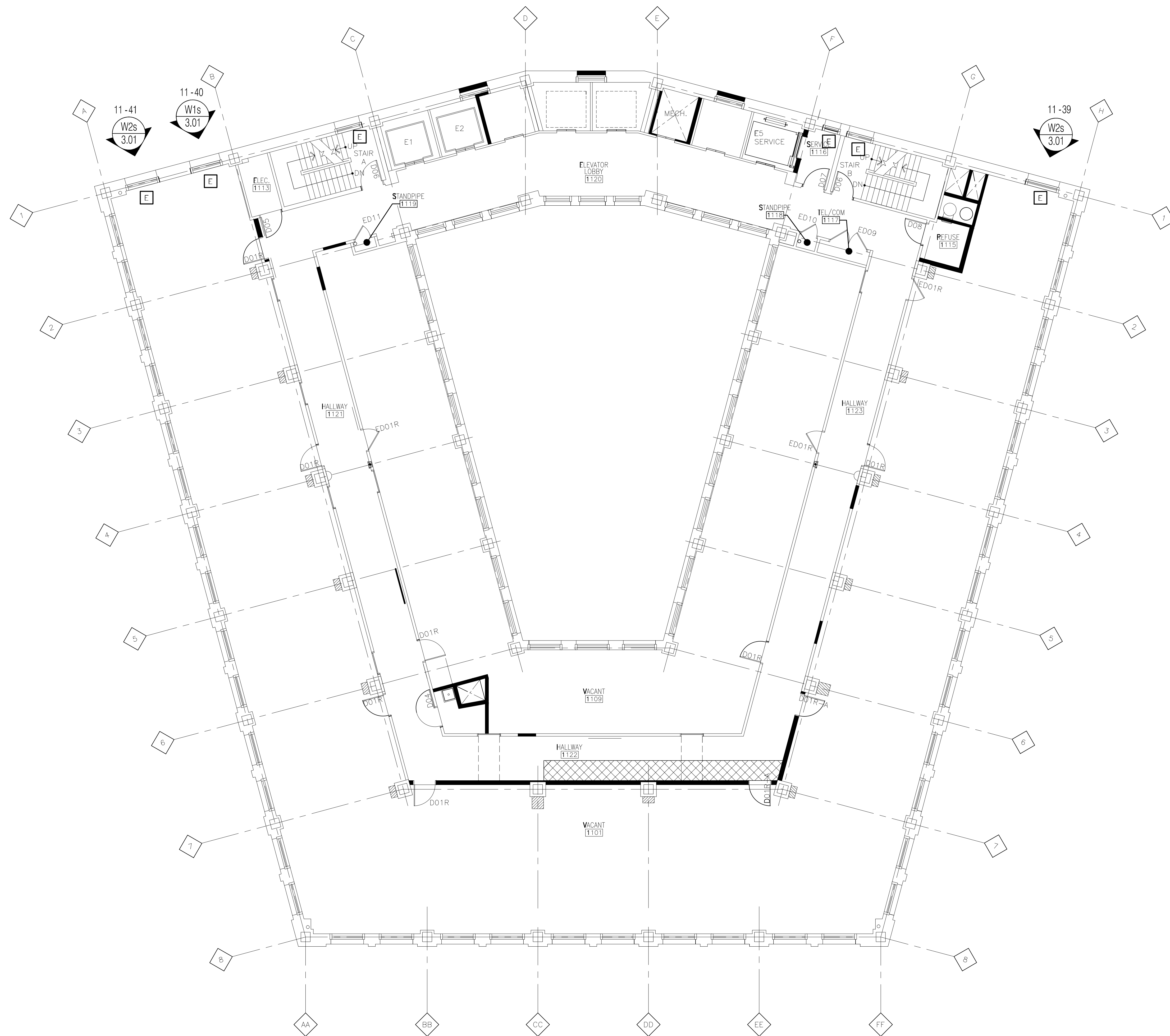
Drawing Title

Floor Plans
 10th Floor

Scale: As Noted

Sheet Number

1.10



Eleventh Floor
 Floor Plan
 Scale: 1/8" = 1' - 0"
 Arch Ref: A111



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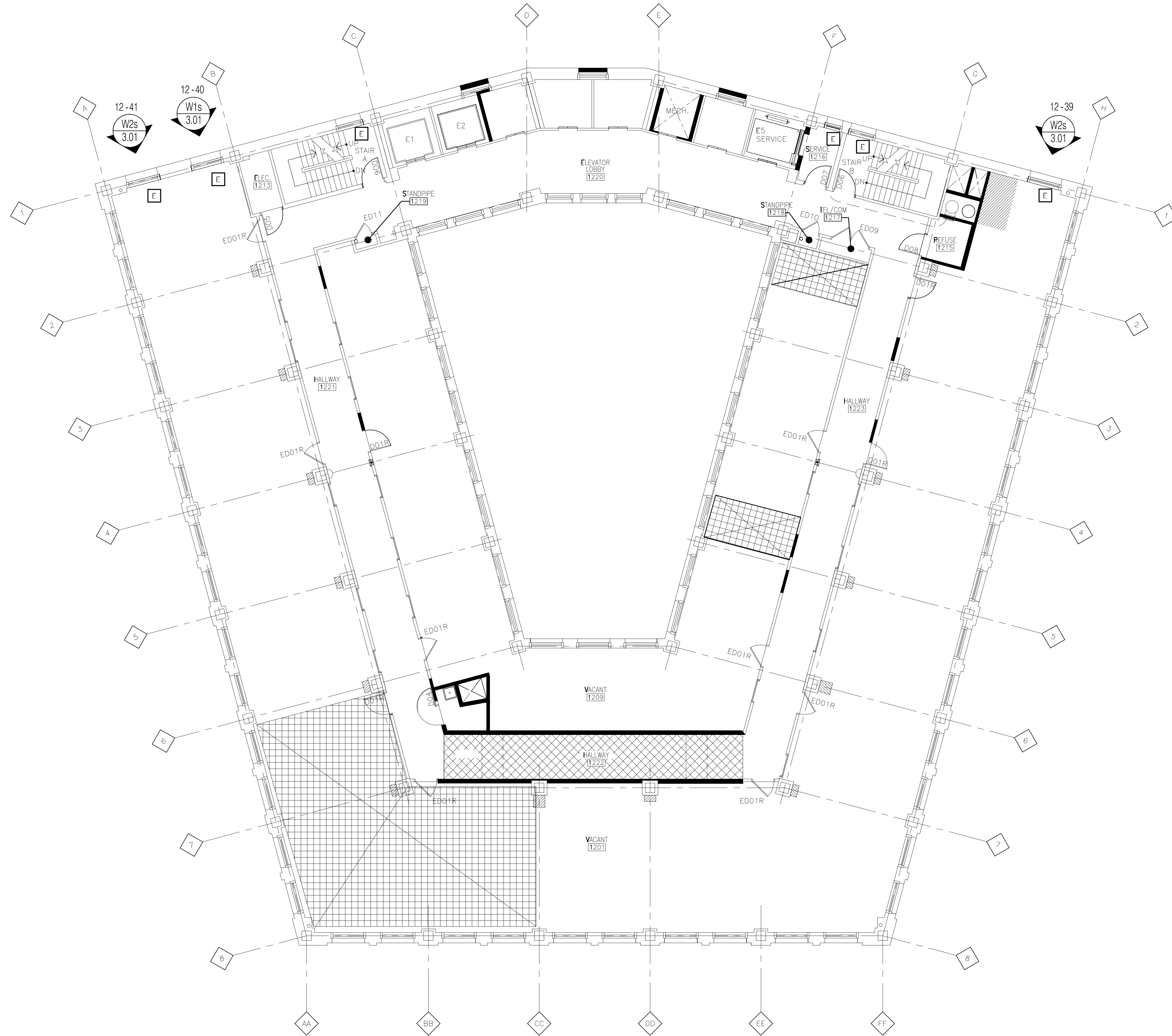
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Project Information
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Drawing Title
 Floor Plans
 11th Floor
 Scale: As Noted

Sheet Number
 1.11



Twelfth Floor
Floor Plan
Scale: 1/8" = 1'-0"
Arch Ref: A112



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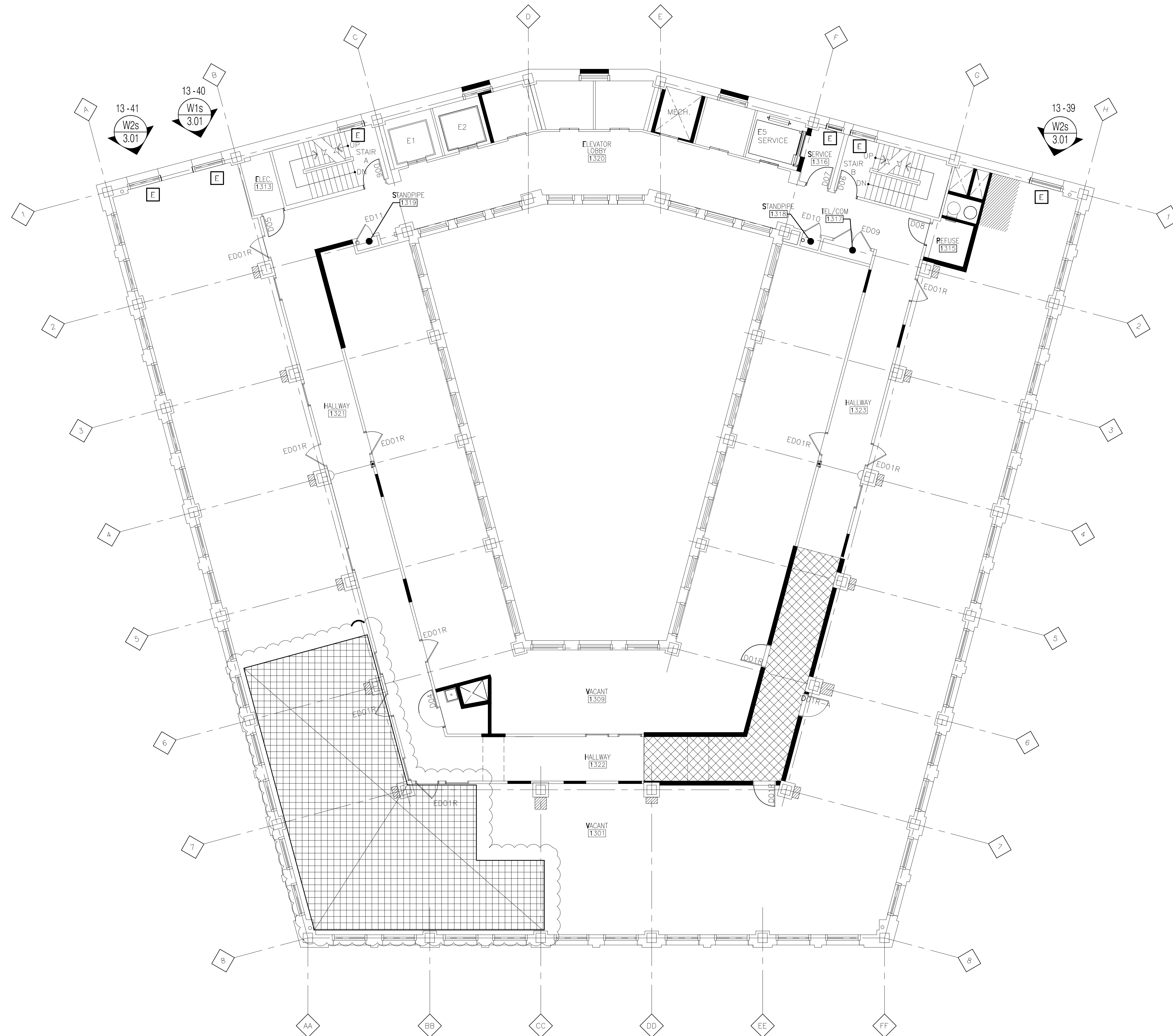
Drawing Title

Floor Plans
12th Floor

Scale: As Noted

Sheet Number

1.12



Thirteenth Floor
 Floor Plan
 Scale: 1/8" = 1'-0"
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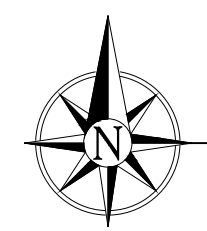
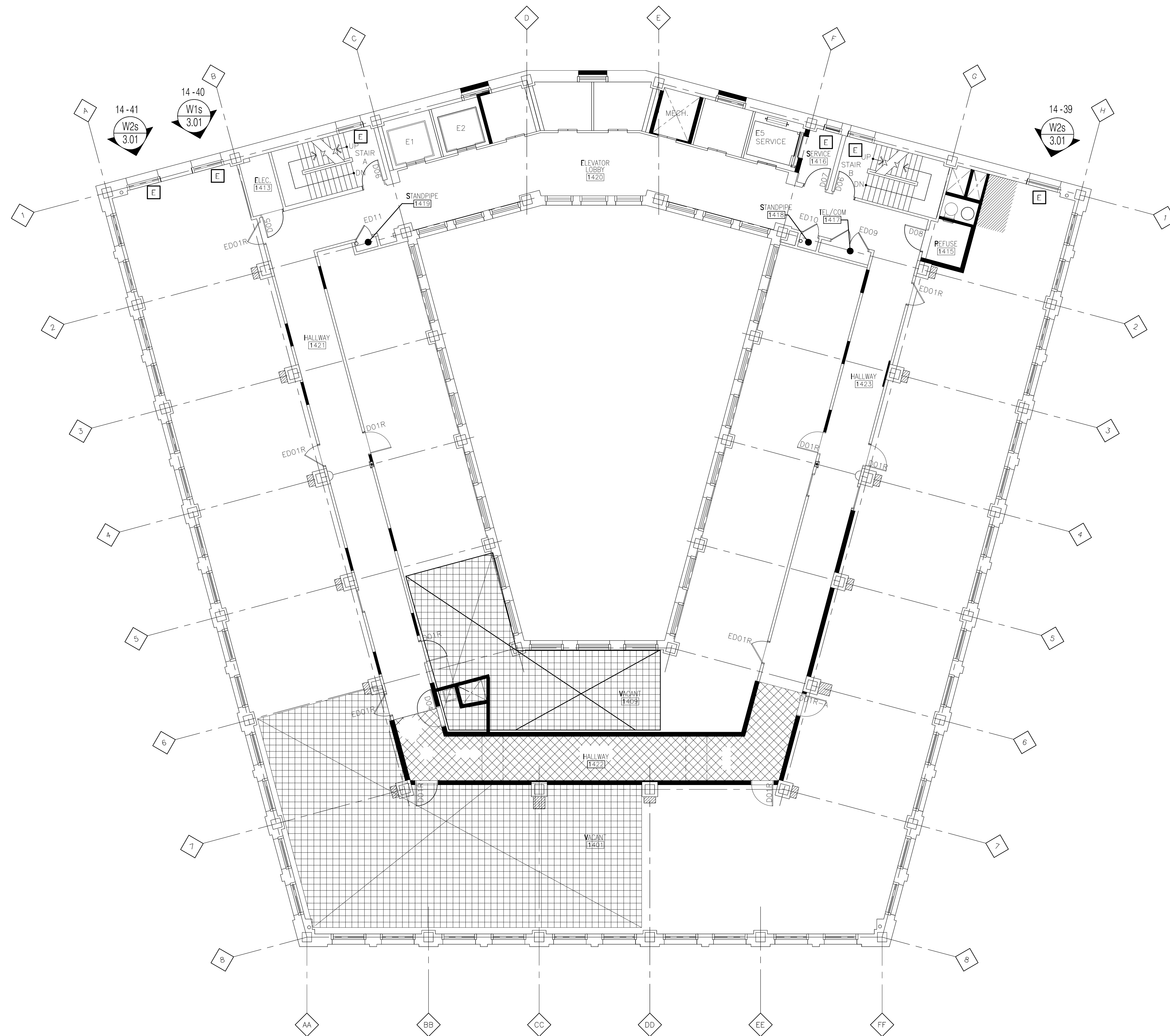
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 Scale: As Noted

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Fourteenth Floor
 Floor Plan
 Scale: 1/8" = 1' - 0"
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 KraemerDesignGroup
 1420 Broadway
 Detroit, Michigan 48226

General Cntr. or Constuction Mgr.
 Waldbridge
 777 Woodward Avenue, Suite 300
 Detroit, Michigan 48226

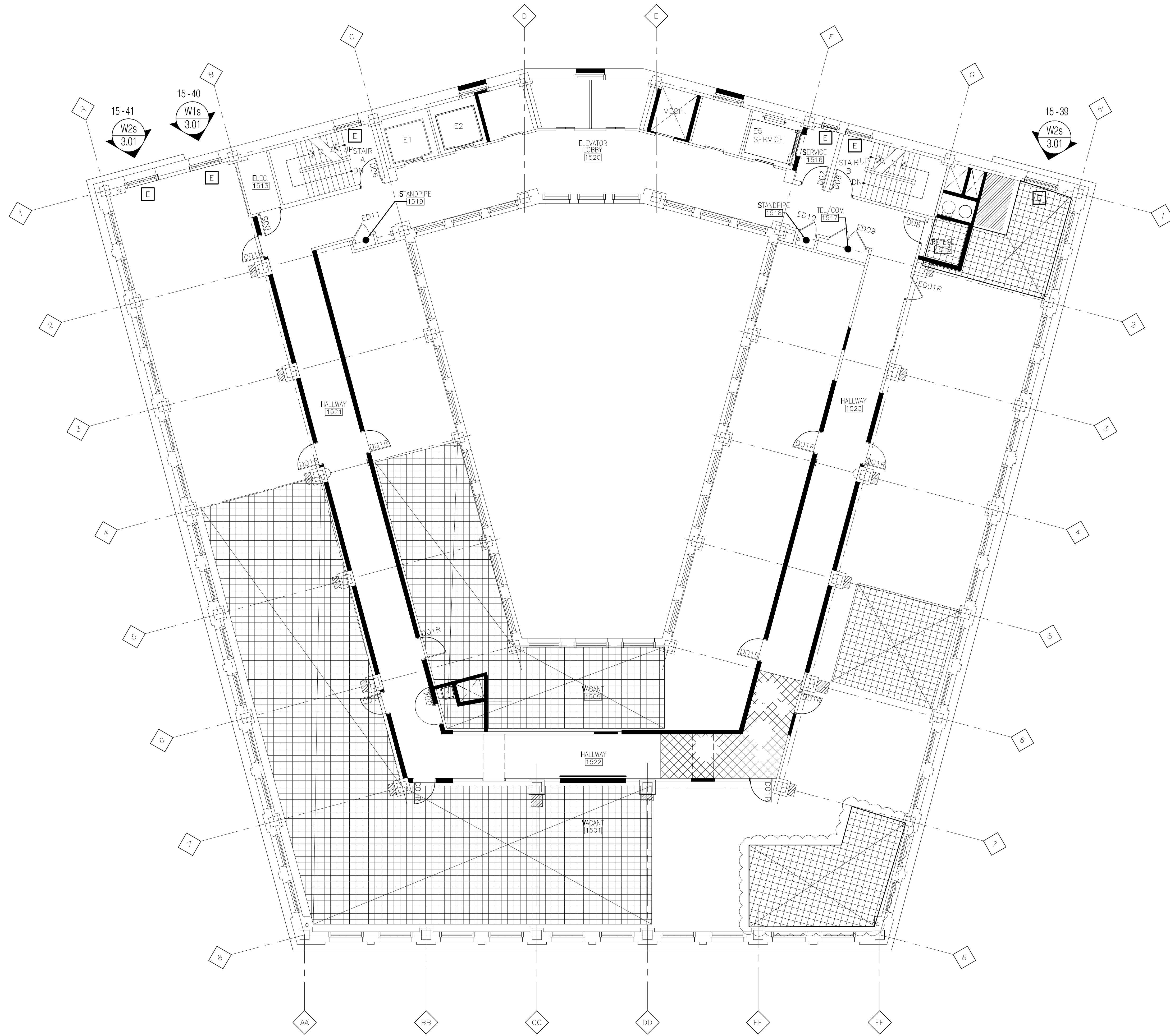
No.	Issue & Revision Dates	Subject
1	01-21-15	As Built for Record

Project Name & Location
 The David Whitney Building
 1553 Woodward Avenue
 Detroit, Michigan
 Window Shop Drawings

Project Information
 Project Manager: Jim Vogelsberg
 Glazing Cntr Job No: ----

Drawing Title
 Floor Plans
 14th Floor
 Scale: As Noted

Sheet Number
 1.14



Fifteenth Floor
 Floor Plan
 Scale: 1/8" = 1' - 0"
 Arch Ref: A115



Universal Glass & Metals, Inc. m.b.e.
 3000 Vinewood
 Detroit, Michigan 48216
 Phone 313-898-8225 | Fax 313-898-8226

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Shop Drawings Prepared By



Charrette Studios Inc.
 23581 Donaldson Street
 Clinton Township, Michigan 48035
 P: 586-790-4329 | F: 586-790-4346

CSI Project Information

Drawn By: Mark J. Charrette
 CSI Project No: 07011316w

Architect

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 1420 Broadway
 Detroit, Michigan 48226

General Cntr. or Constuction Mgr.

Waldbridge
 777 Woodward Avenue, Suite 300
 Detroit, Michigan 48226

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 Detroit, Michigan

Window Shop Drawings

Project Information

Project Manager: Jim Vogelsberg
 Glazing Cntr Job No: ----

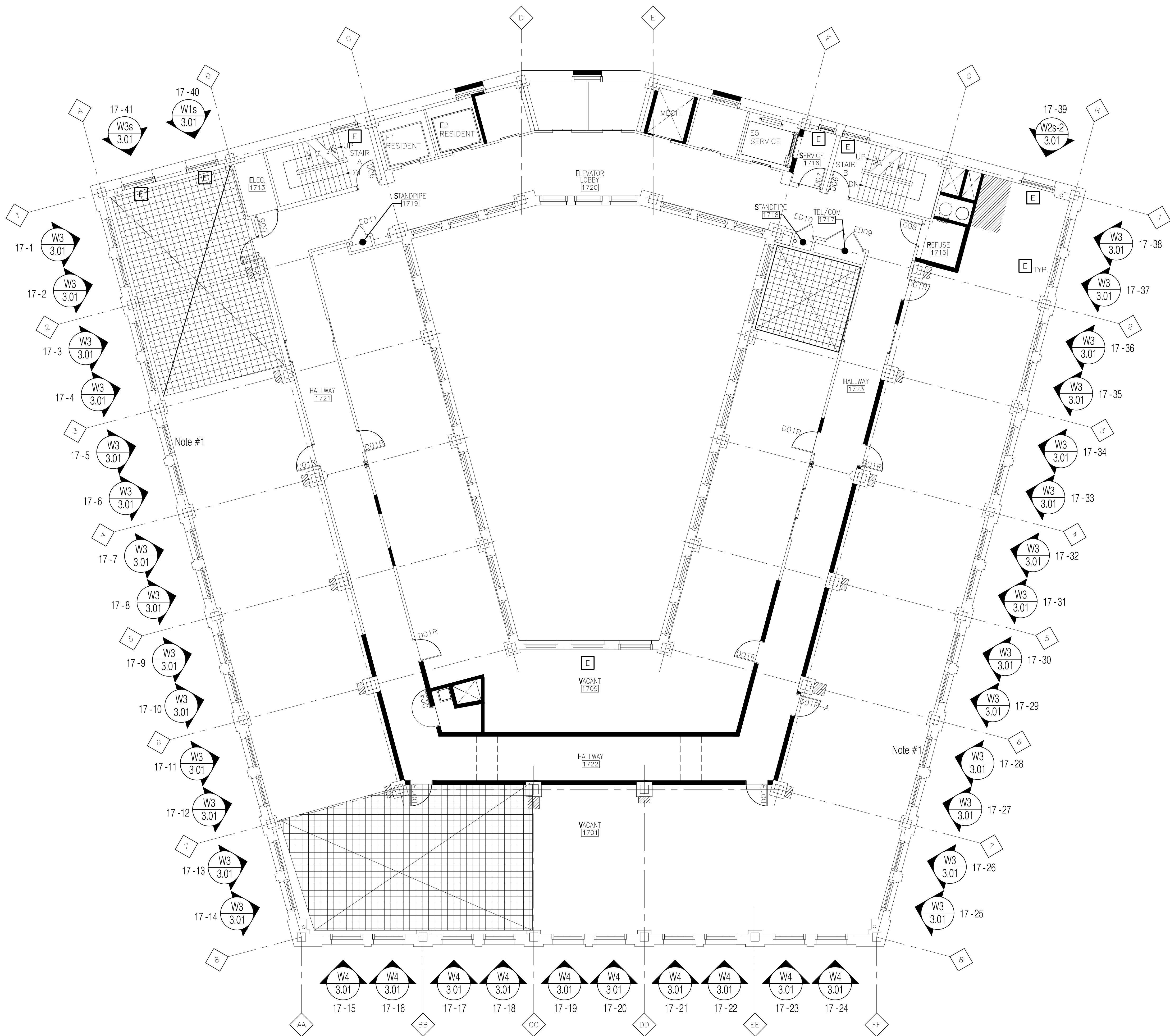
Drawing Title

Floor Plans
 15th Floor

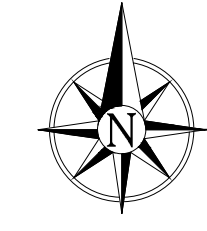
Scale: As Noted

Sheet Number

1.15



Seventeenth Floor
Floor Plan
Scale: 1/8" = 1' - 0"
Arch Ref: A117



Note #1: Field Modification Required
Note #2: Glass Sight Line Altered



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1553 Woodward Avenue
Detroit, Michigan
Window Shop Drawings

Project Information

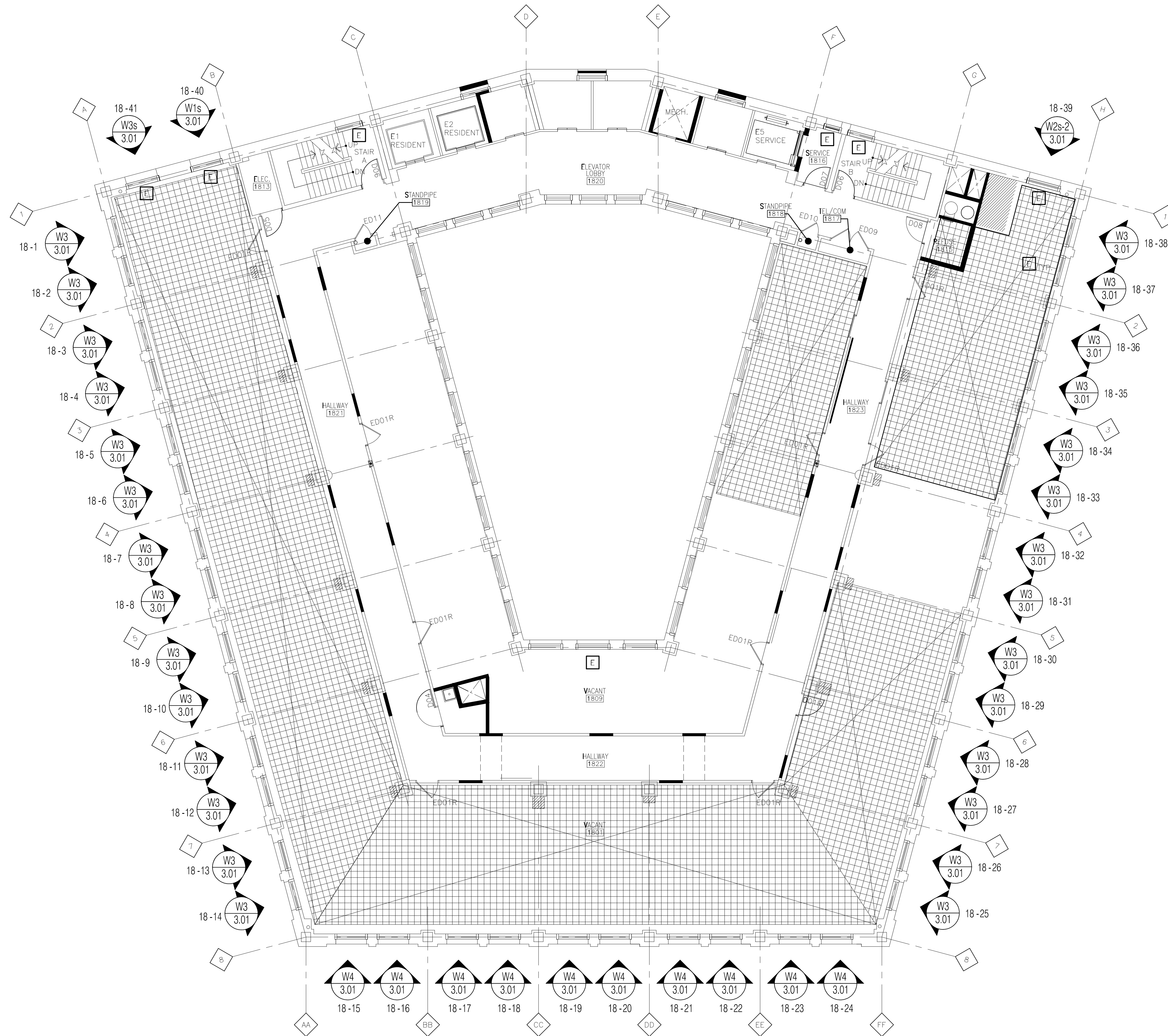
Project Manager: Jim Vogelsberg
Glazing Cntr Job No: ----

Drawing Title

Floor Plans
17th Floor
Scale: As Noted

Sheet Number

1.17



Eighteenth Floor
 Floor Plan
 Scale: 1/8" = 1'-0"
 Arch Ref: A118



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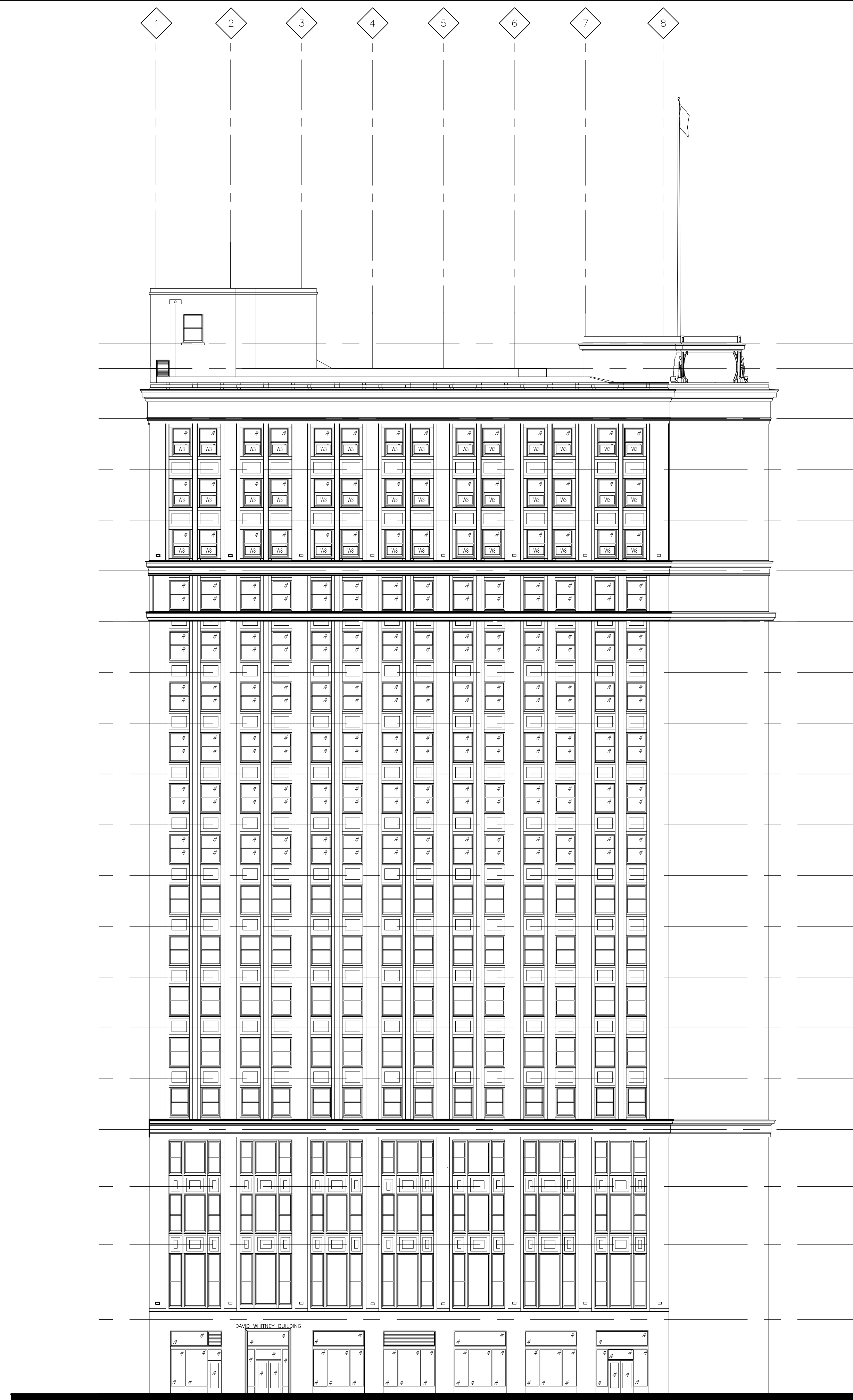
Drawing Title

Floor Plans
 18th Floor

Scale: As Noted

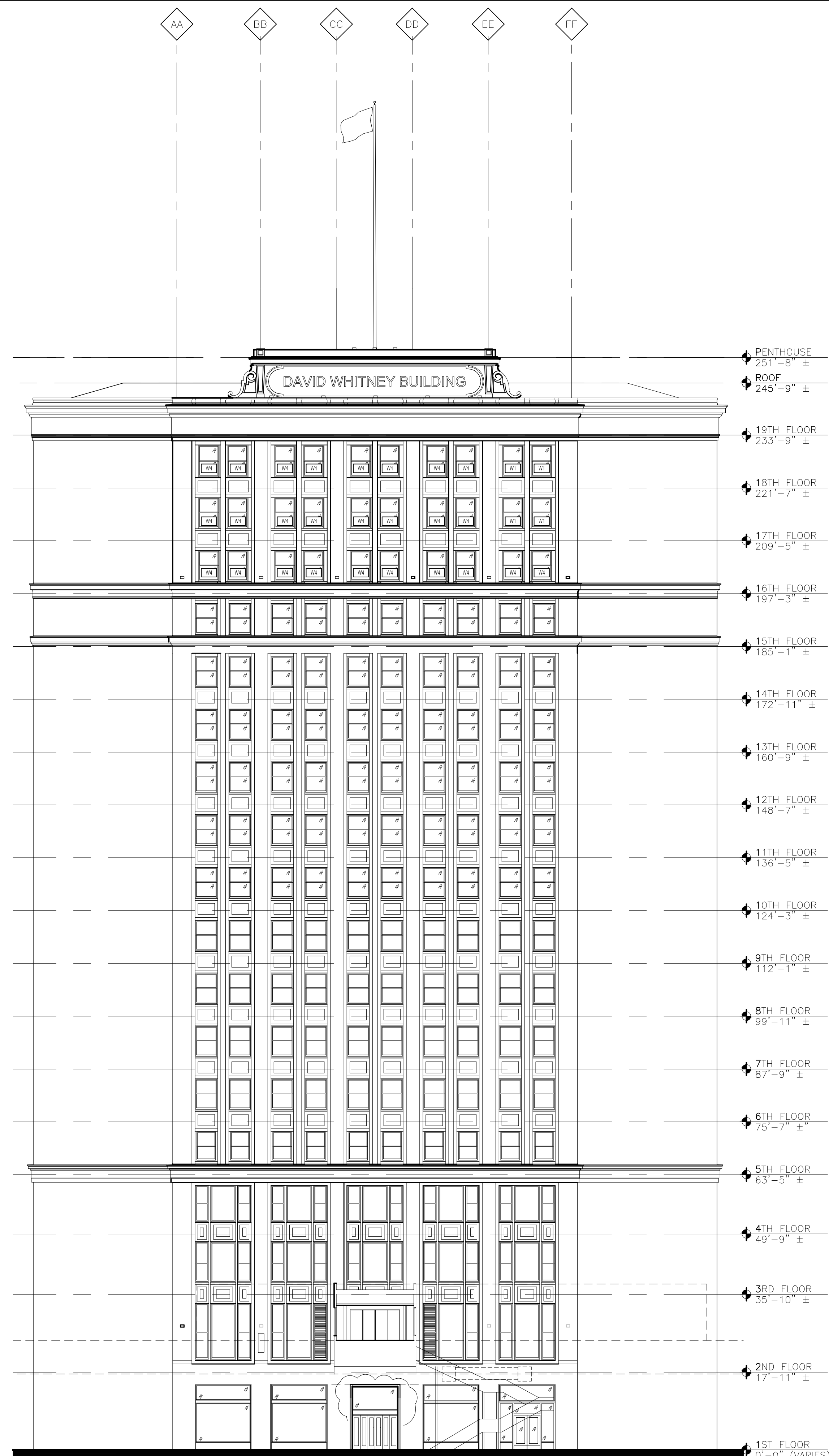
Sheet Number

1.18



2 EXTERIOR ELEVATION - WOODWARD AVENUE

A201 SCALE: 1/16" = 1'-0"
ARCH REF: 2/A201



1 EXTERIOR ELEVATION - PARK AVENUE

A201 SCALE: 1/16" = 1'-0"
ARCH REF: 1/A201



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No.	Issue & Revision Dates	Date	Subject
1	01-21-15	As Built for Record	

Project Name & Location

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1553 Woodward Avenue
Detroit, Michigan

Window Shop Drawings

Project Information

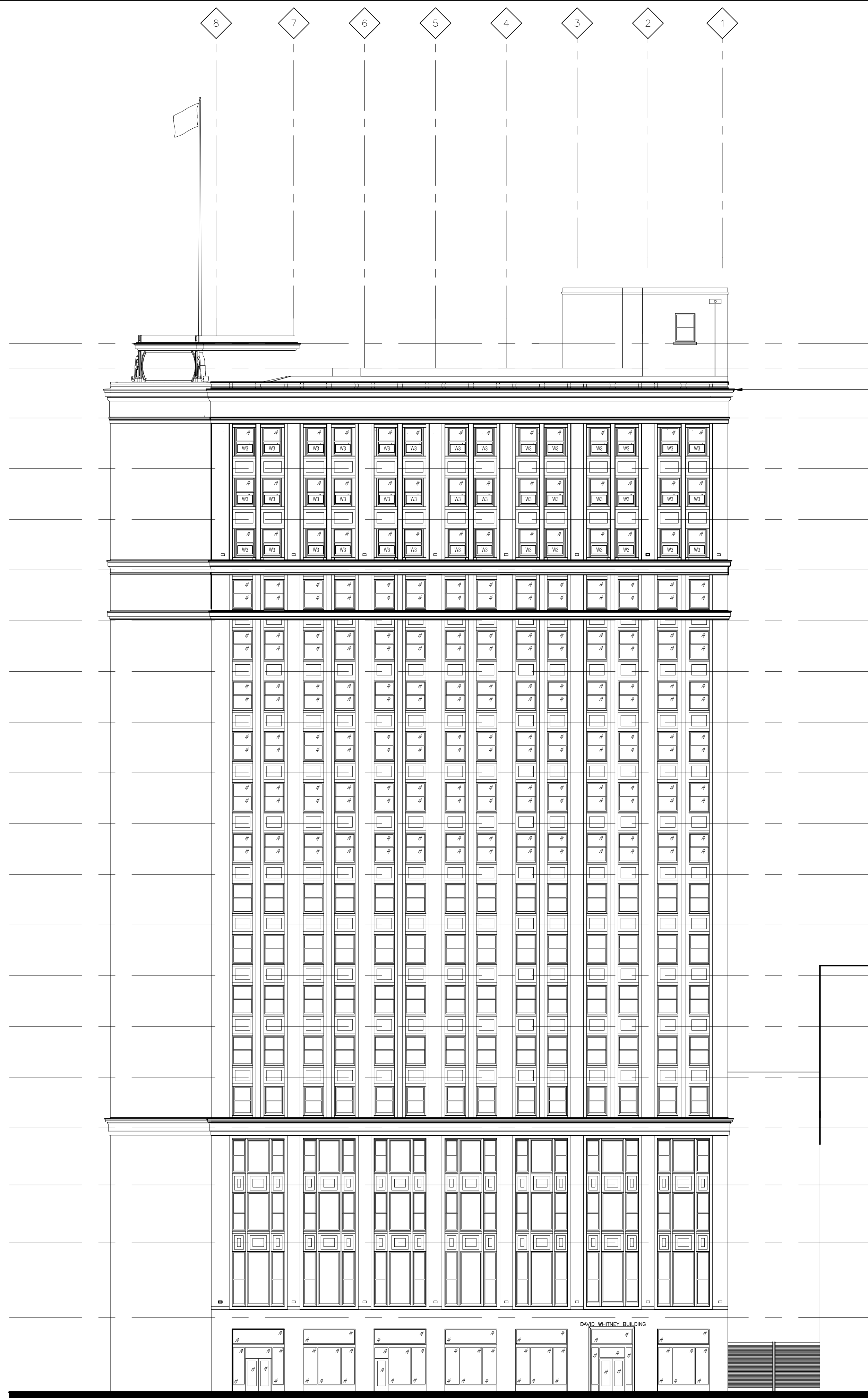
Project Manager: Jim Vogelsberg
Glazing Cntr Job No: ----

Drawing Title
Building Elevations

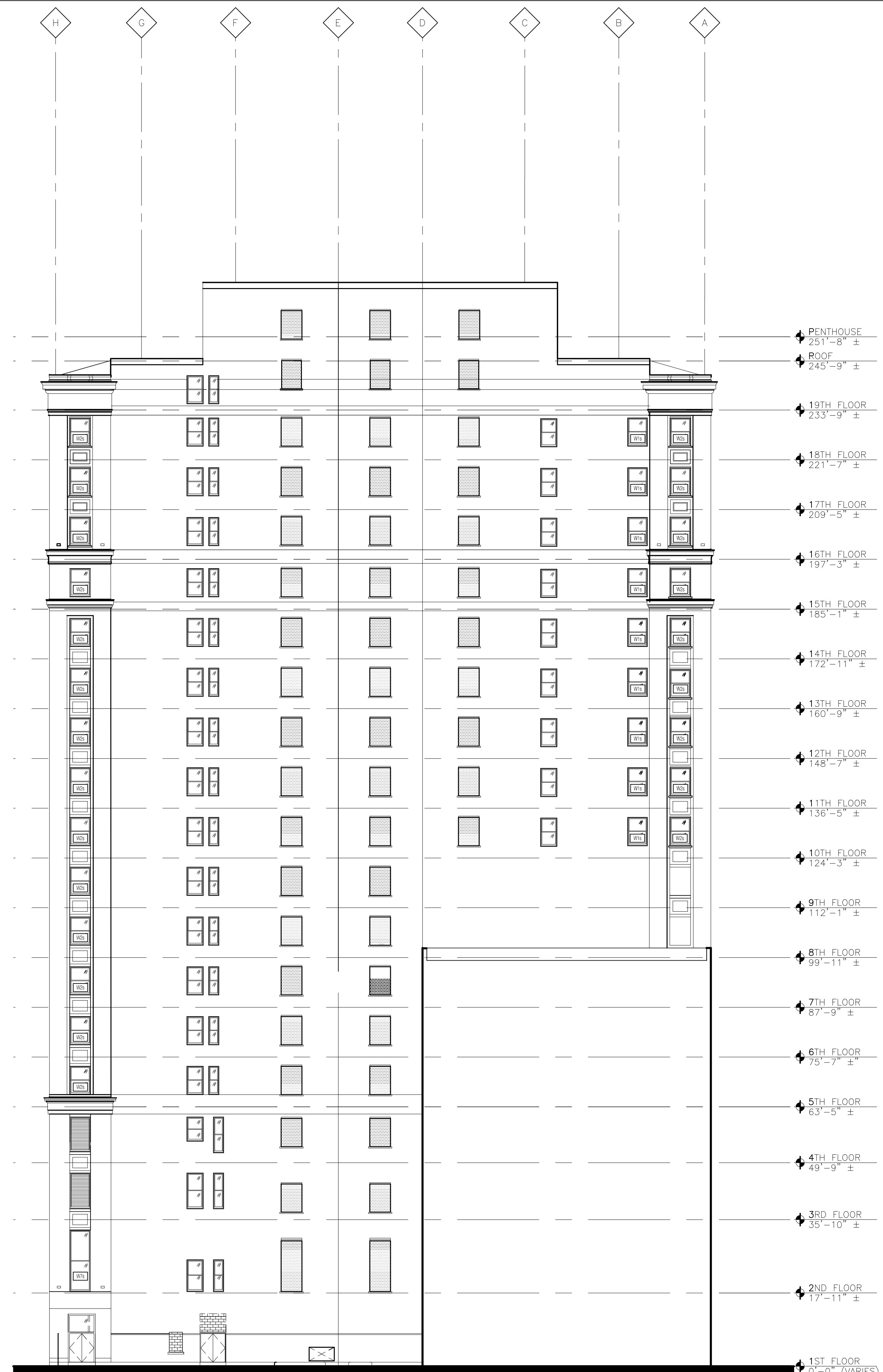
Scale: As Noted

Sheet Number

2.01



2 EXTERIOR ELEVATION - WASHINGTON BOULEVARD
 A202 SCALE: 1/16" = 1'-0"
 ARCH REF: 2/A202



1 EXTERIOR ELEVATION - SOUTH ELEVATION
 A202 SCALE: 1/16" = 1'-0"
 ARCH REF: 1/A202

- ↕ PENTHOUSE 251'-8" ±
- ↕ ROOF 245'-9" ±
- ↕ 19TH FLOOR 233'-9" ±
- ↕ 18TH FLOOR 221'-7" ±
- ↕ 17TH FLOOR 209'-5" ±
- ↕ 16TH FLOOR 197'-3" ±
- ↕ 15TH FLOOR 185'-1" ±
- ↕ 14TH FLOOR 172'-11" ±
- ↕ 13TH FLOOR 160'-9" ±
- ↕ 12TH FLOOR 148'-7" ±
- ↕ 11TH FLOOR 136'-5" ±
- ↕ 10TH FLOOR 124'-3" ±
- ↕ 9TH FLOOR 112'-1" ±
- ↕ 8TH FLOOR 99'-11" ±
- ↕ 7TH FLOOR 87'-9" ±
- ↕ 6TH FLOOR 75'-7" ±
- ↕ 5TH FLOOR 63'-5" ±
- ↕ 4TH FLOOR 49'-9" ±
- ↕ 3RD FLOOR 35'-10" ±
- ↕ 2ND FLOOR 17'-11" ±
- ↕ 1ST FLOOR 0'-0" (VARIES)



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Architect
 KraemerDesignGroup
 1420 Broadway
 Detroit, Michigan 48226

General Cntr. or Constuction Mgr.
 Waldbridge
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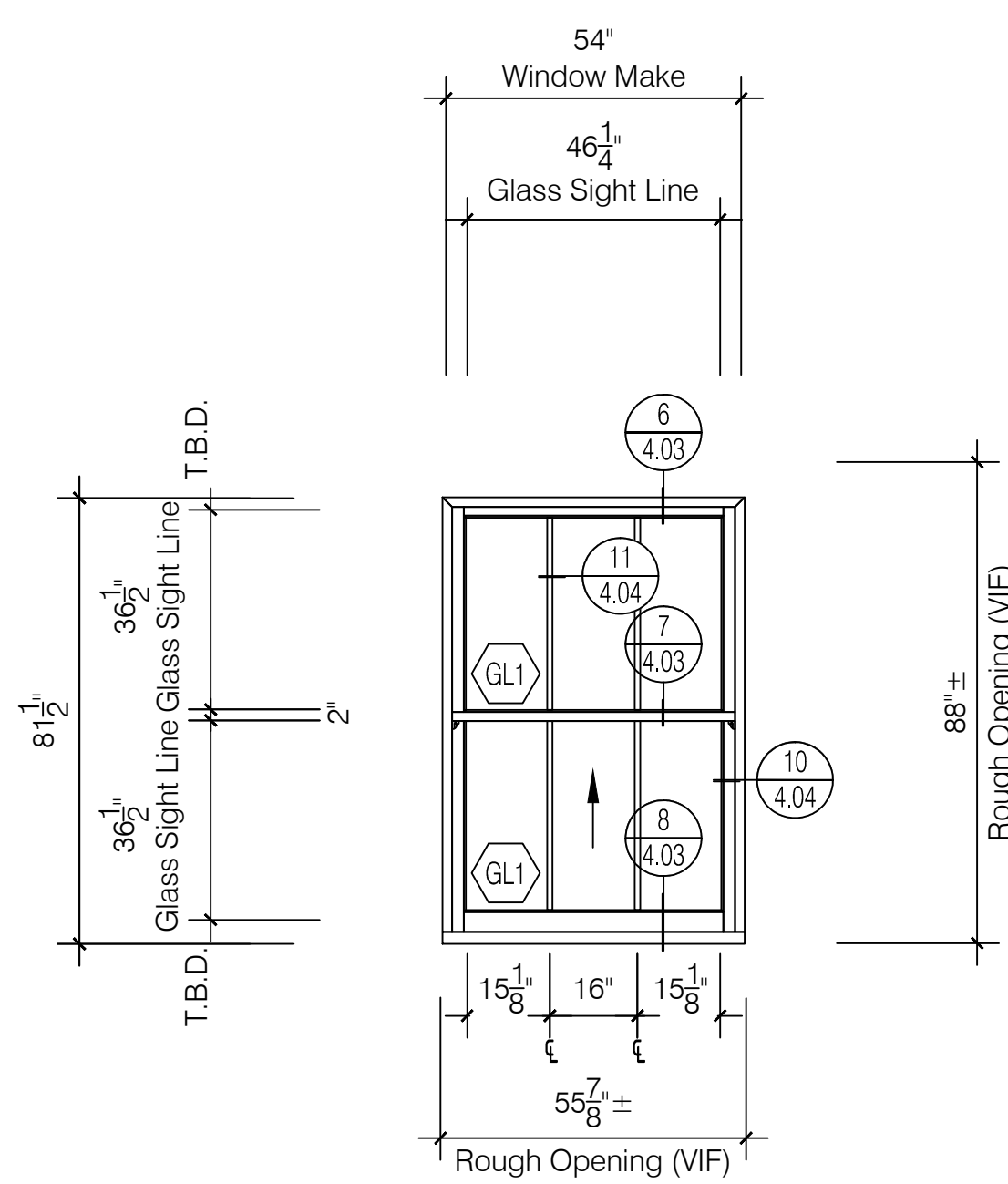
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Project Name & Location
 The David Whitney Building
 1553 Woodward Avenue
 Detroit, Michigan
 Window Shop Drawings

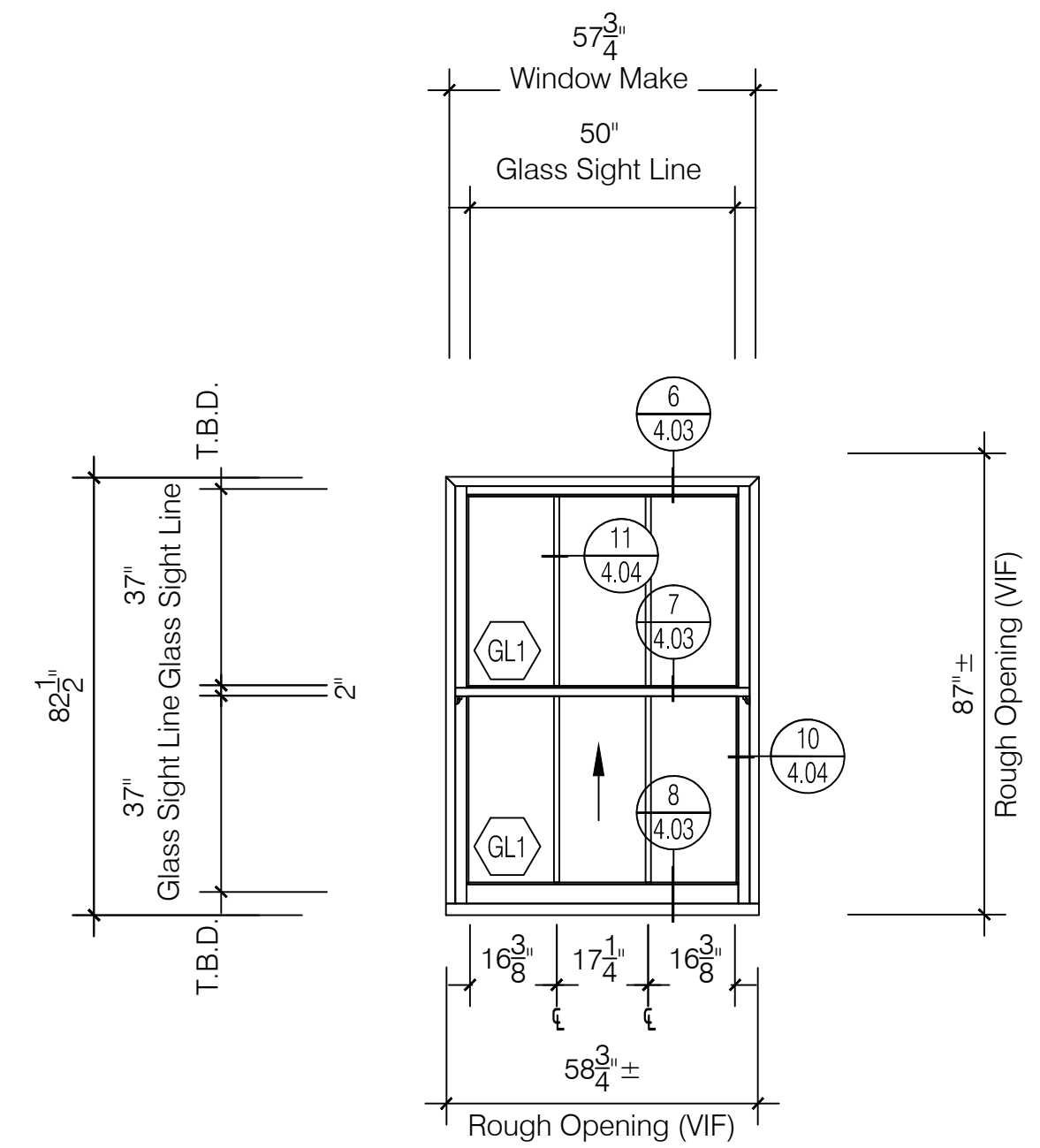
Project Information
 Project Manager: Jim Vogelsberg
 Glazing Cntr Job No: ----

Drawing Title
 Building Elevations
 Scale: As Noted

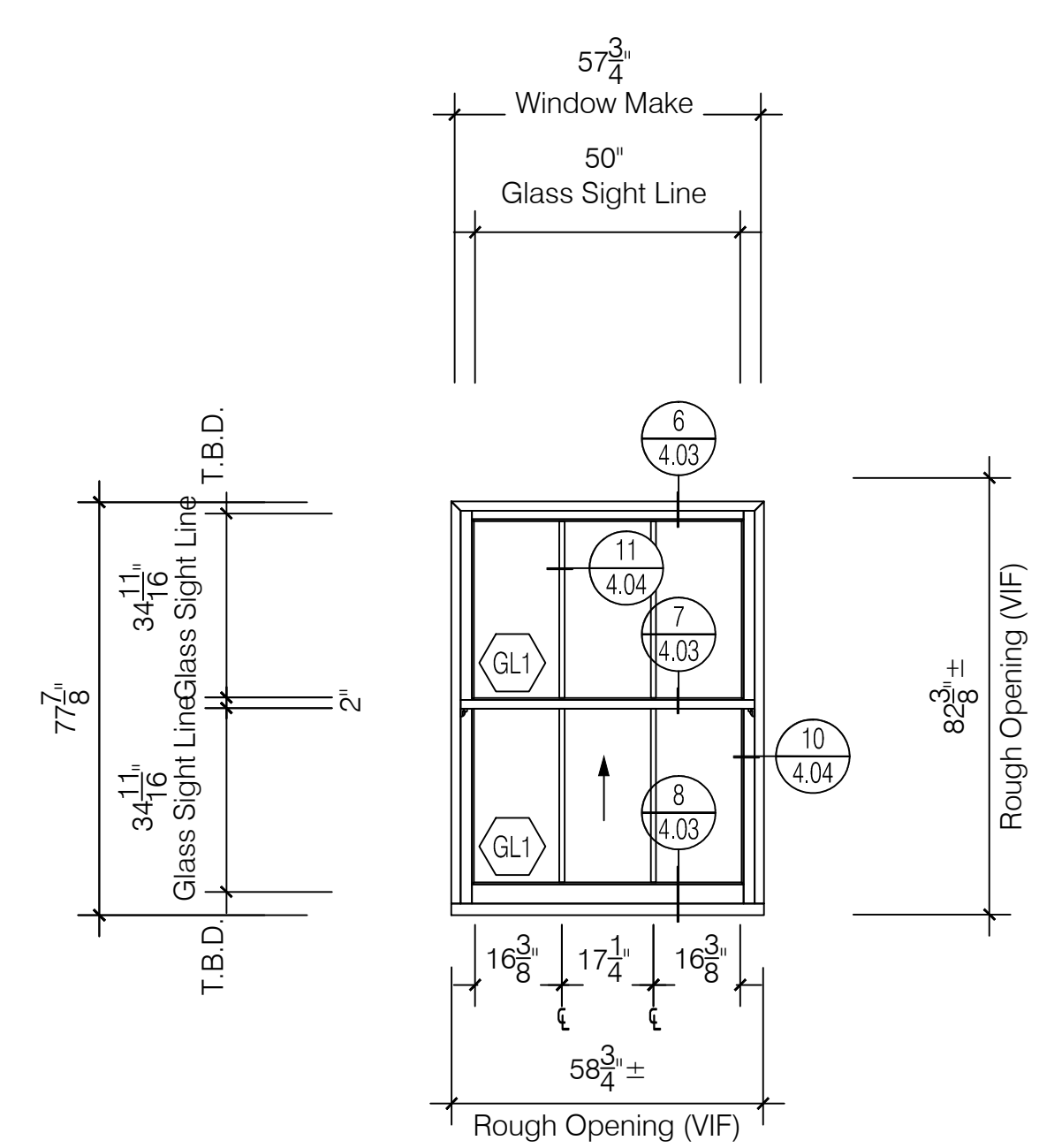
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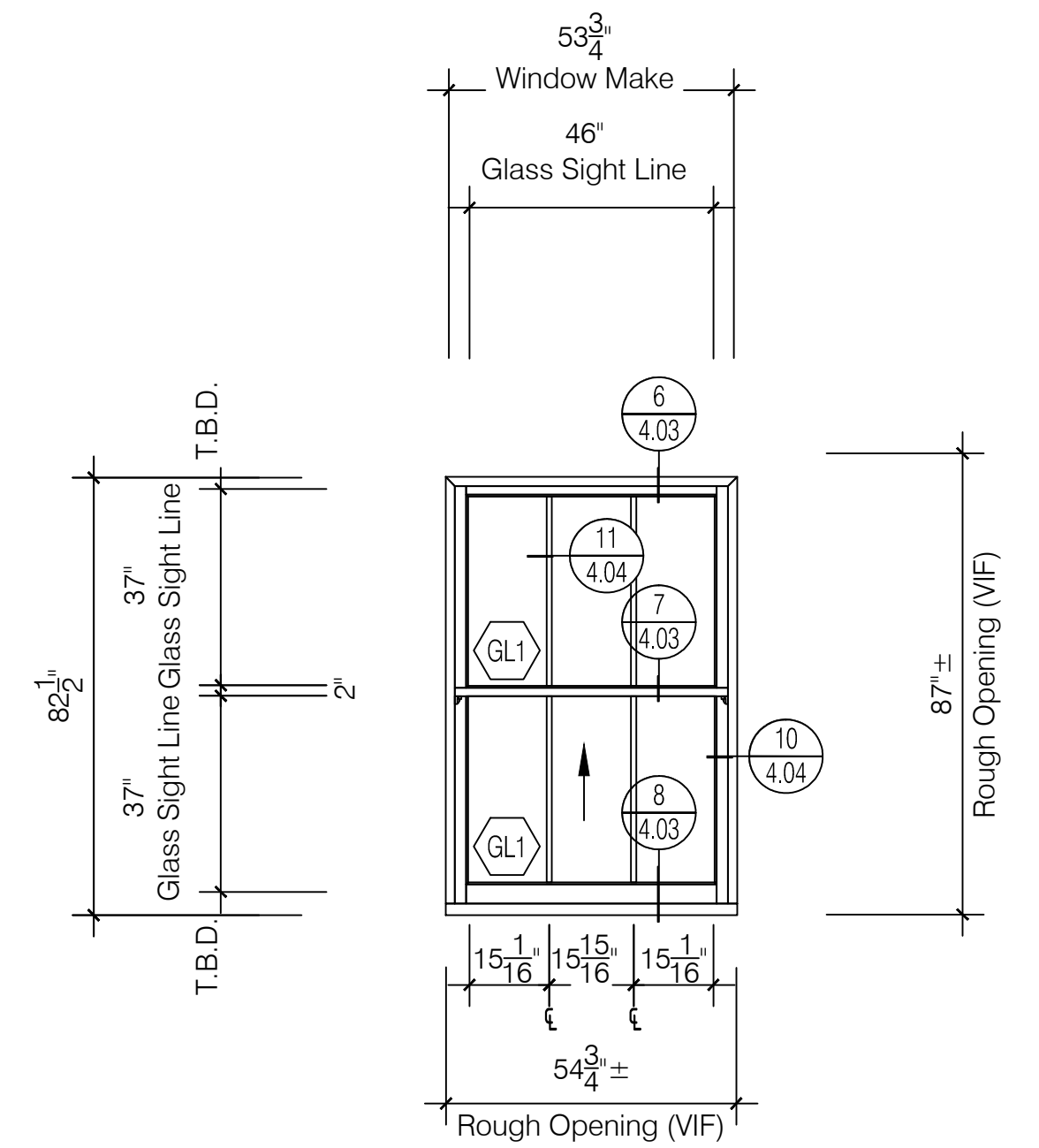
W1s Window Elevation
 Traco TR-9700 NPS Series
 Single Hung Window
 Steel Conditions
 Scale: 3/8" = 1' - 0"
 Arch Ref: None
Total: 9 Thus



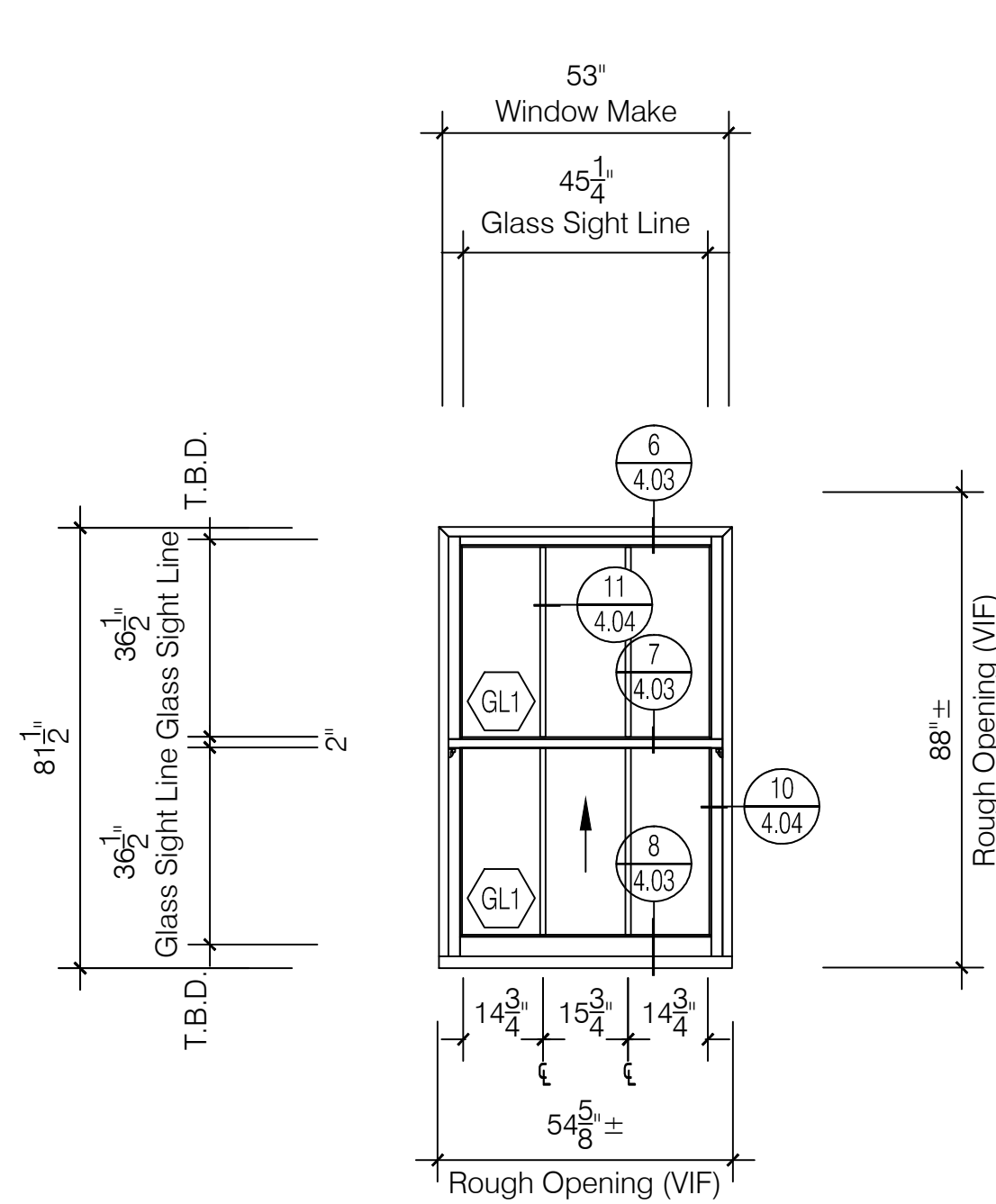
W2s Window Elevation
 Traco TR-9700 NPS Series
 Single Hung Window
 Steel Conditions
 Scale: 3/8" = 1' - 0"
 Arch Ref: None
Total: 16 Thus



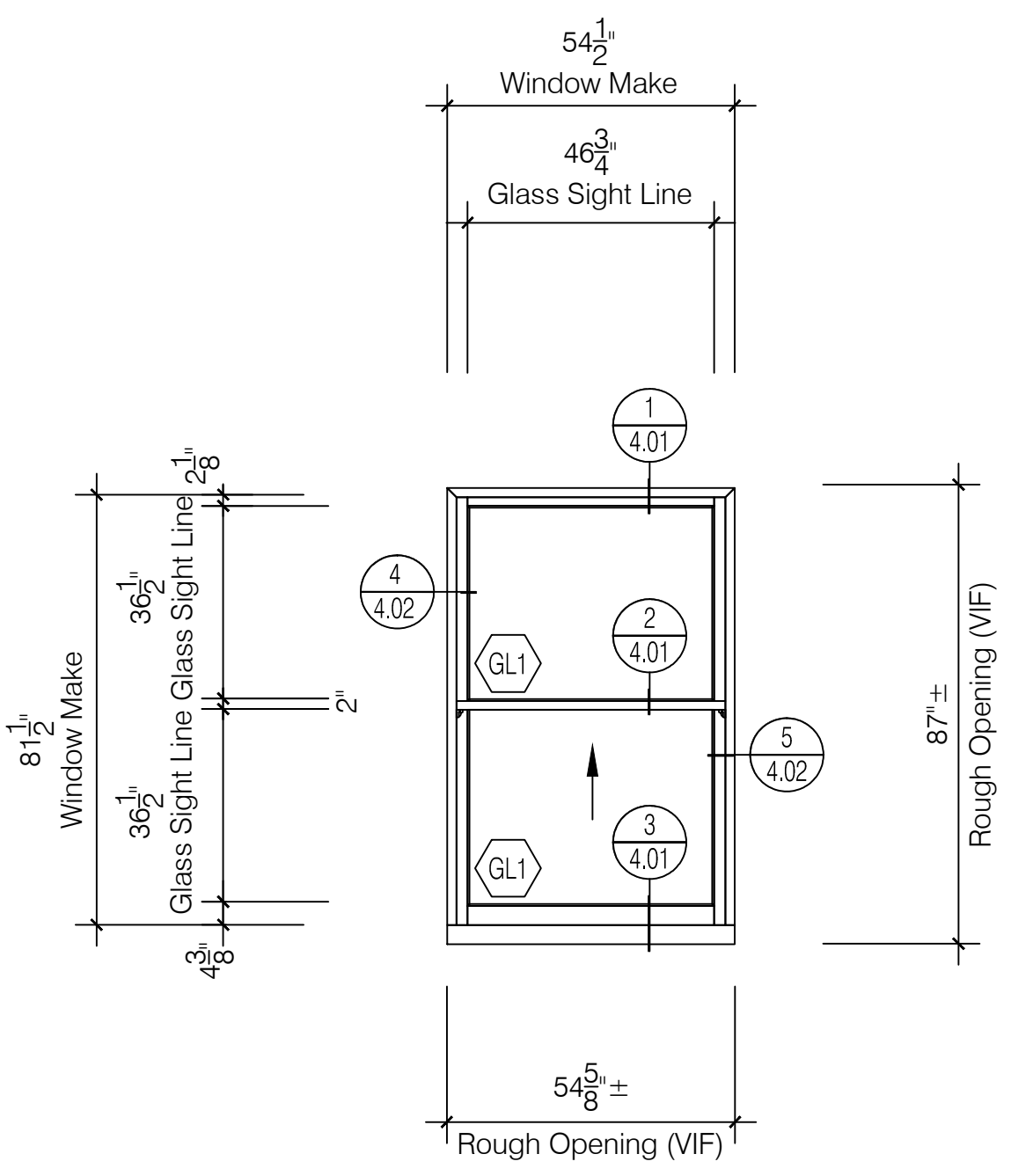
W2s-1 Window Elevation
 Traco TR-9700 NPS Series
 Single Hung Window
 Steel Conditions
 Scale: 3/8" = 1' - 0"
 Arch Ref: None
Total: 1 Thus



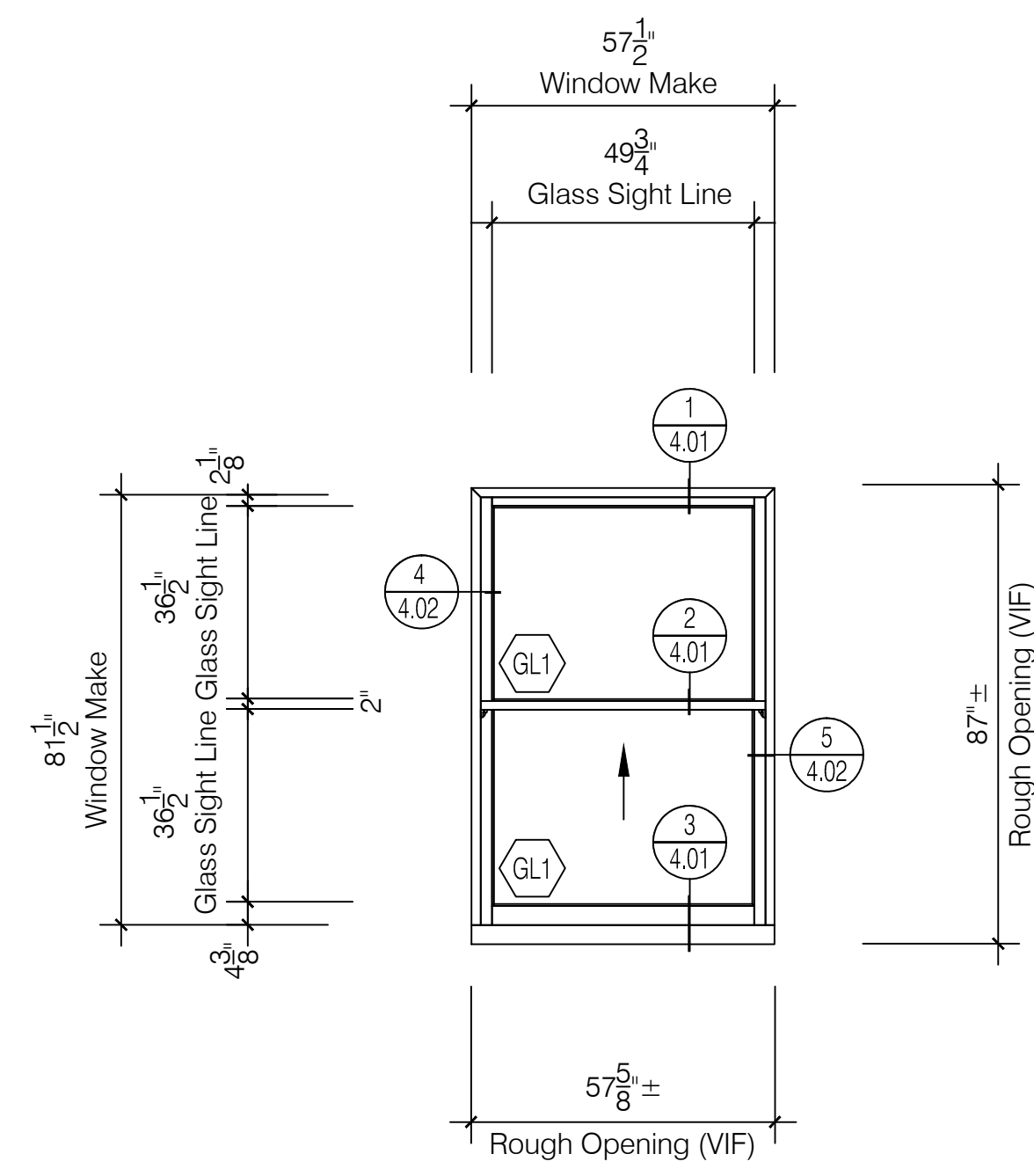
W2s-2 Window Elevation
 Traco TR-9700 NPS Series
 Single Hung Window
 Steel Conditions
 Scale: 3/8" = 1' - 0"
 Arch Ref: None
Total: 3 Thus



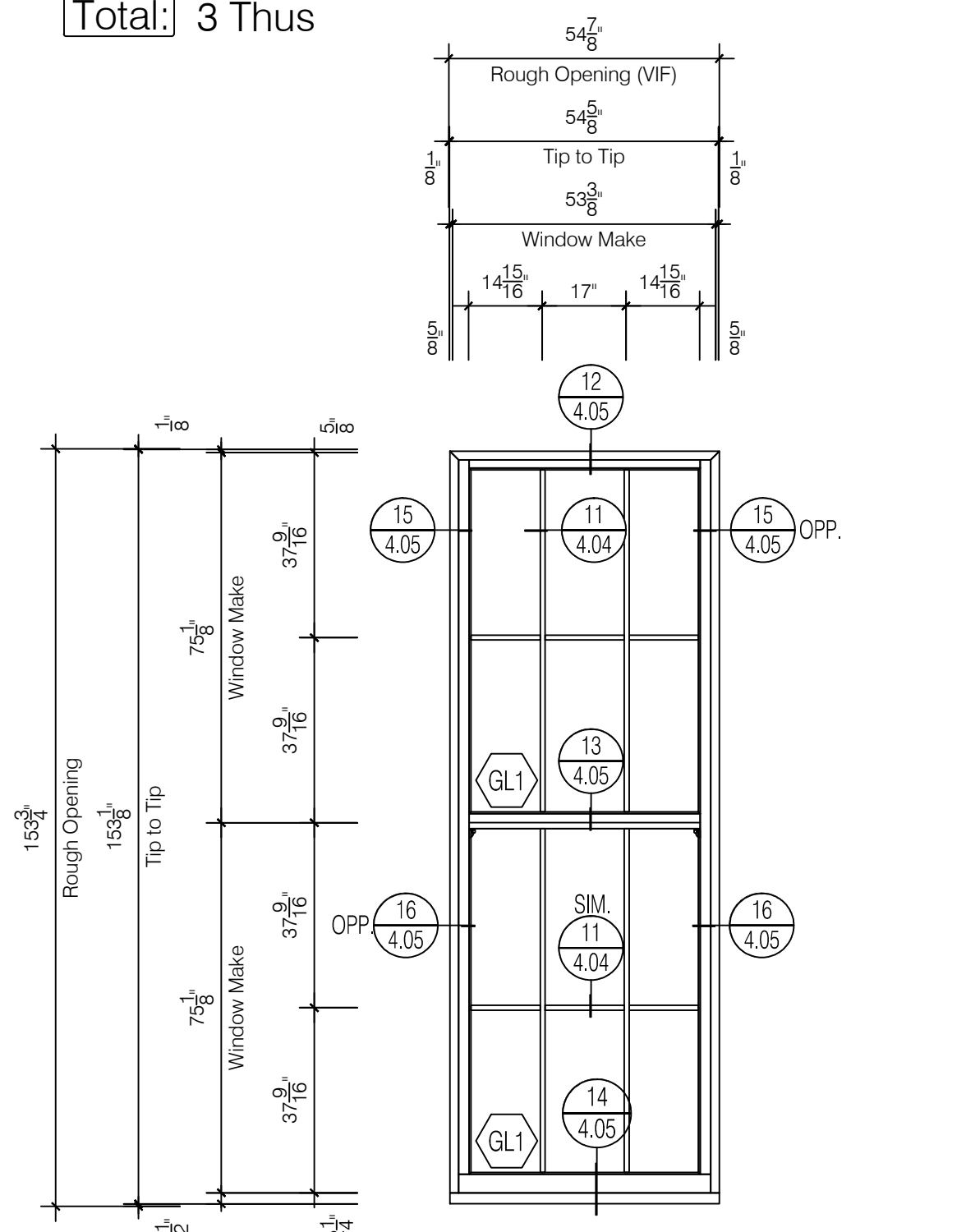
W3s Window Elevation
 Traco TR-9700 NPS Series
 Single Hung Window
 Steel Conditions
 Scale: 3/8" = 1' - 0"
 Arch Ref: None
Total: 3 Thus



W3 Window Elevation
 Traco TR-9700 NPS Series
 Single Hung Window
 Wood Conditions
 Scale: 3/8" = 1' - 0"
 Arch Ref: None
Total: 84 Thus



W4 Window Elevation
 Traco TR-9700 NPS Series
 Single Hung Window
 Wood Conditions
 Scale: 3/8" = 1' - 0"
 Arch Ref: None
Total: 30 Thus



W7s Window Elevation
 Traco TR-9460 NPS Series
 Fixed Window
 Steel Conditions
 Scale: 3/8" = 1' - 0"
 Arch Ref: None
Total: 1 Thus



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 Detroit, Michigan 48216
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Shop Drawings Prepared By



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CSI Project Information

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 CSI Project No: 07011316w

Architect

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Issue & Revision Dates

No.	Date	Subject
1	01-21-15	As Built for Record

Project Name & Location

The David Whitney Building
 1553 Woodward Avenue
 Detroit, Michigan

Window Shop Drawings

Project Information

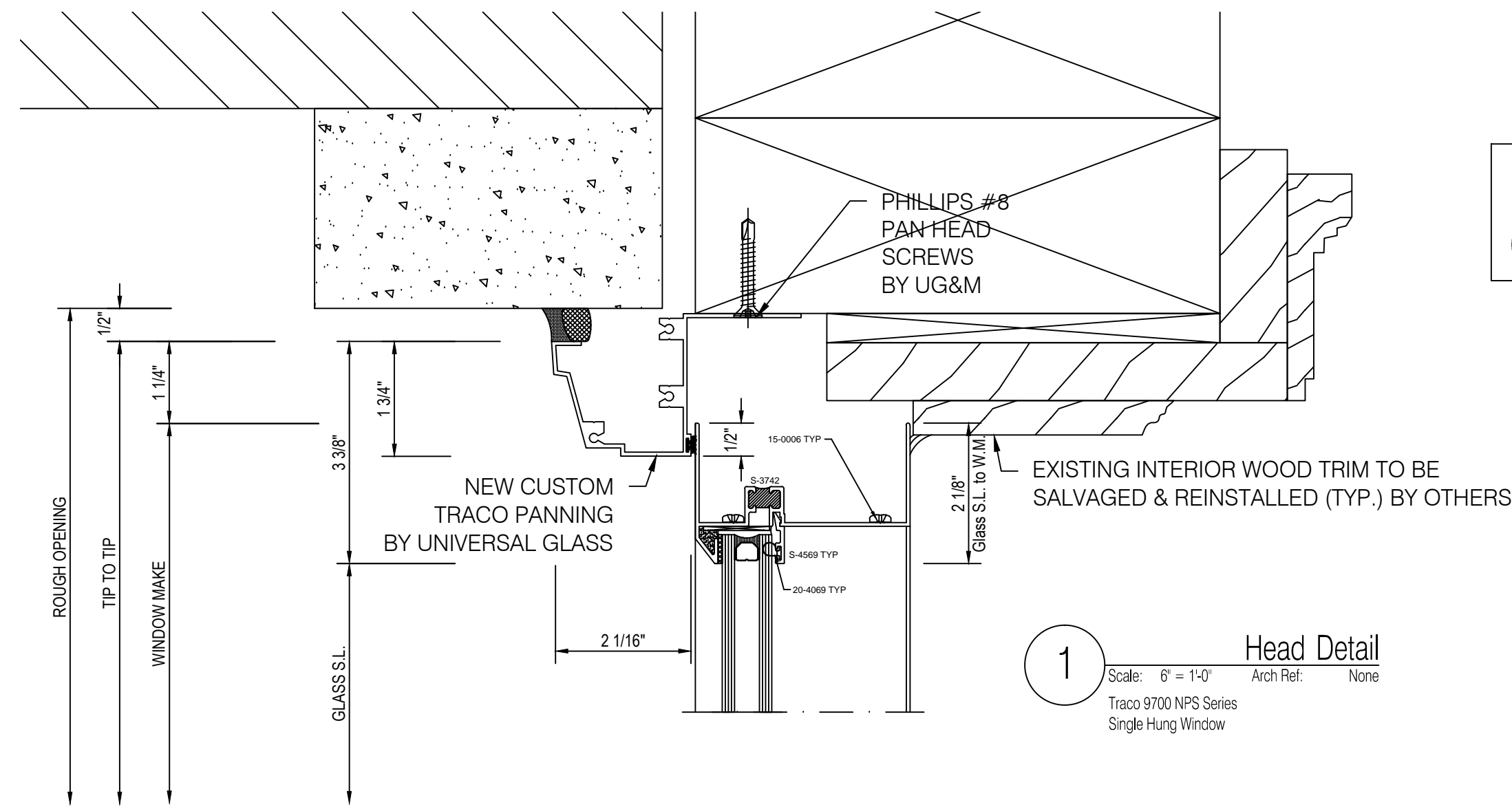
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 Glazing Cntr Job No: ----

Drawing Title

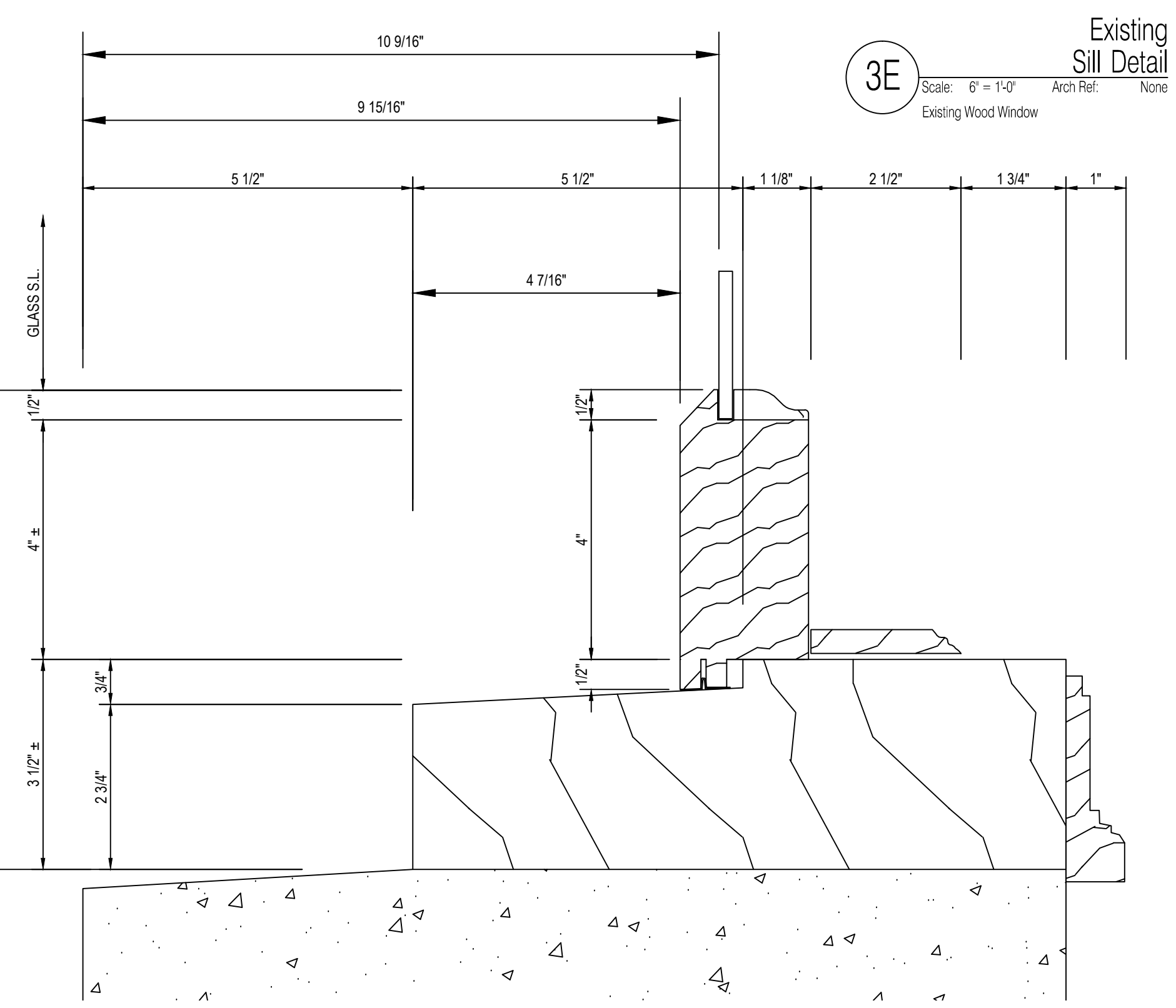
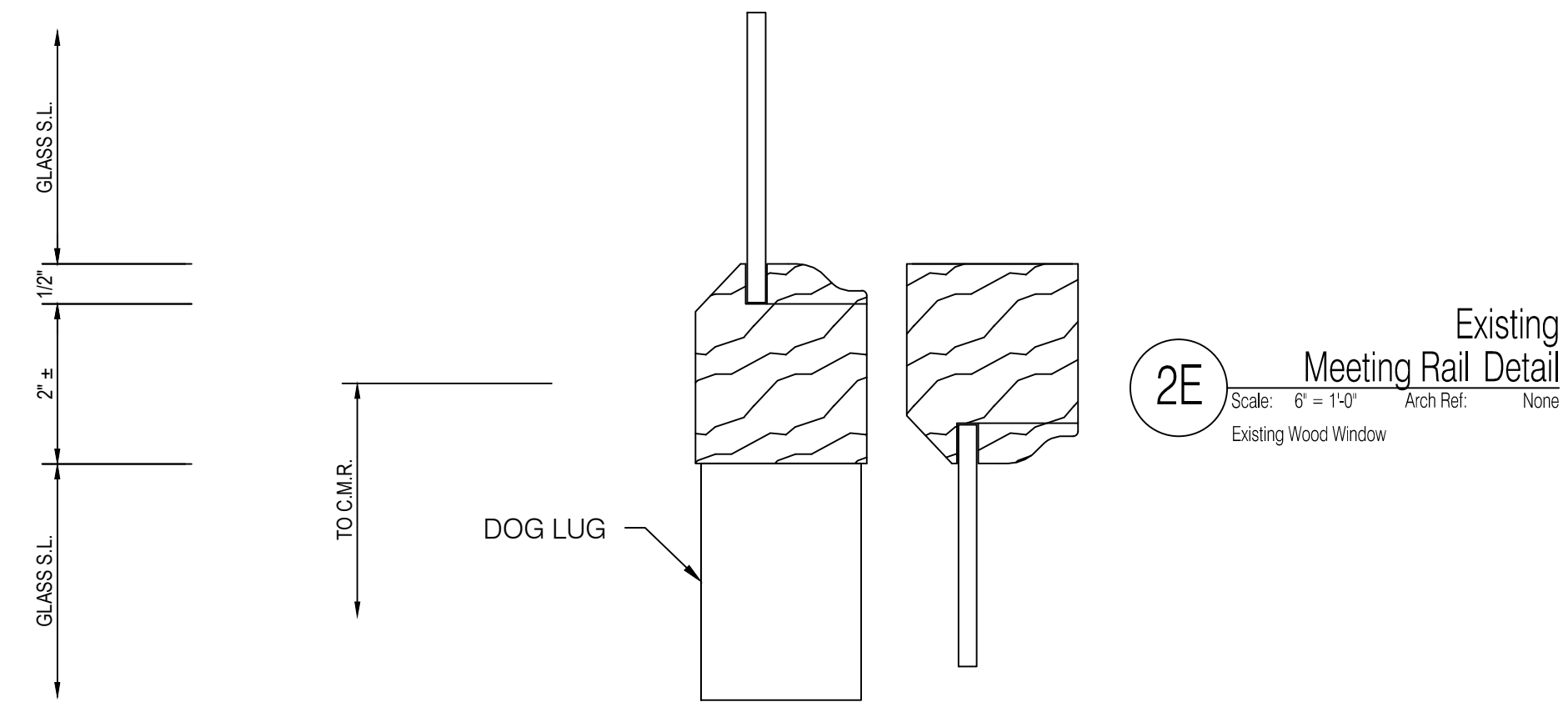
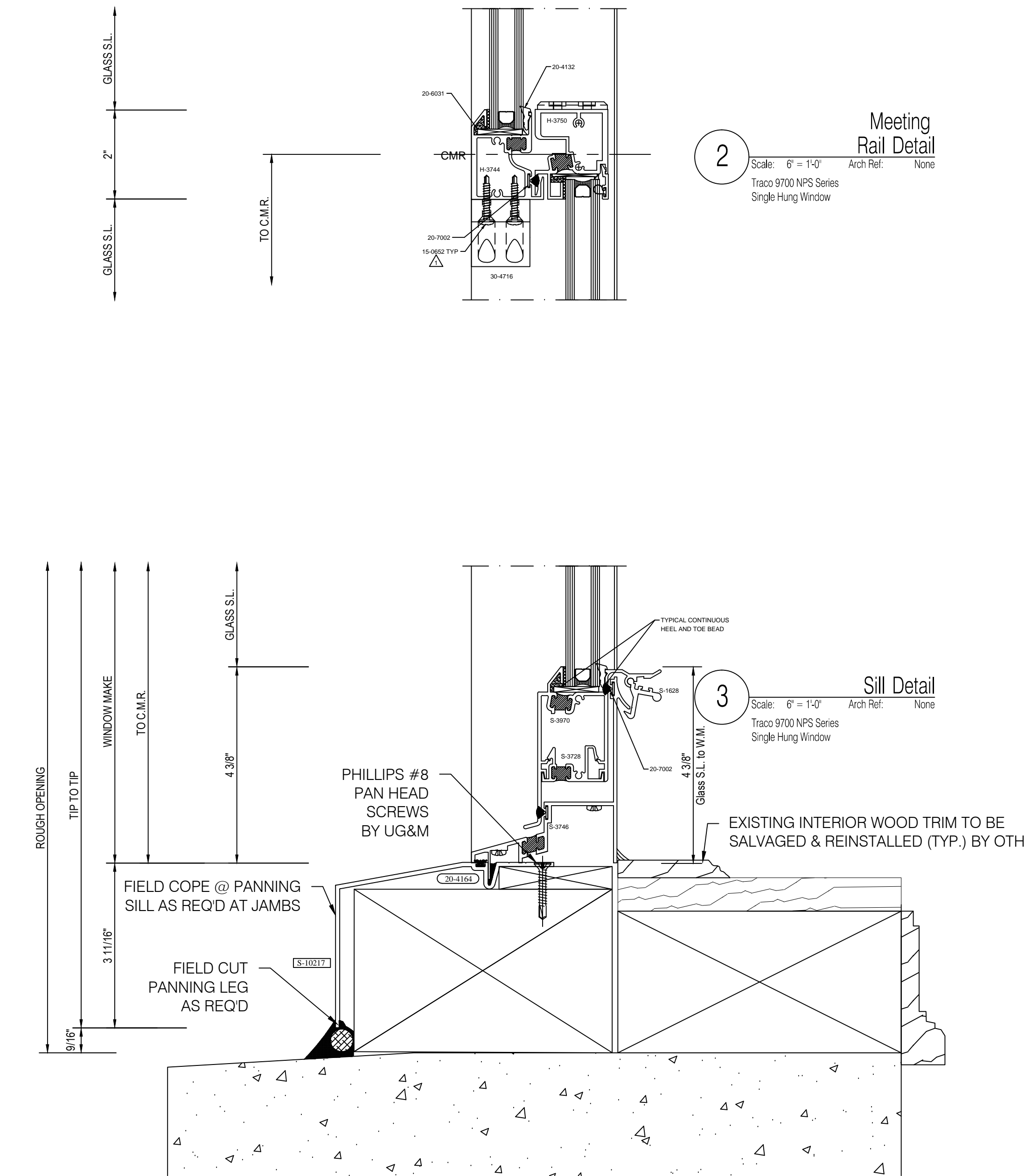
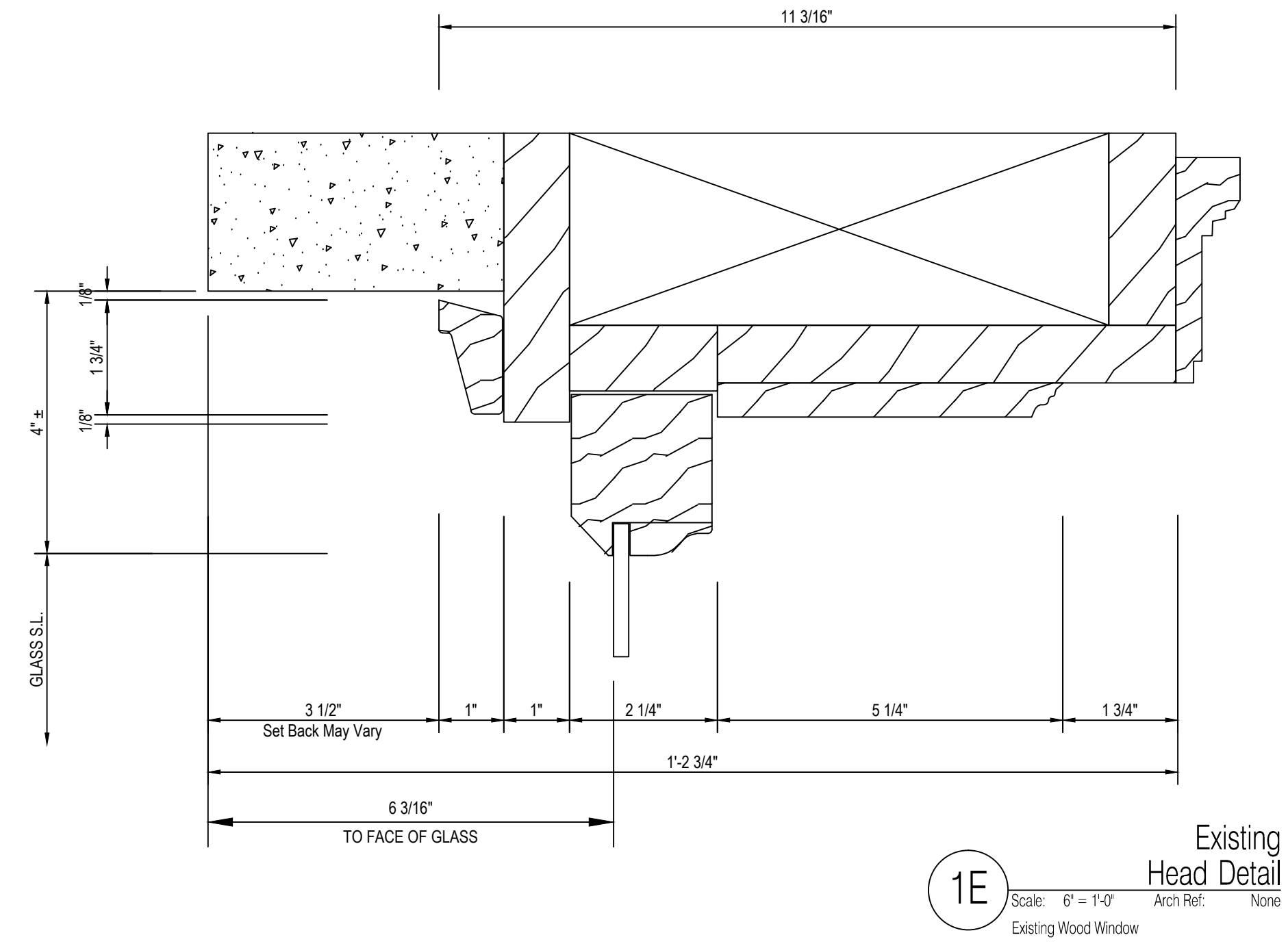
Elevations

Scale: As Noted

Sheet Number



WOOD CONDITIONS



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3000 Vinewood
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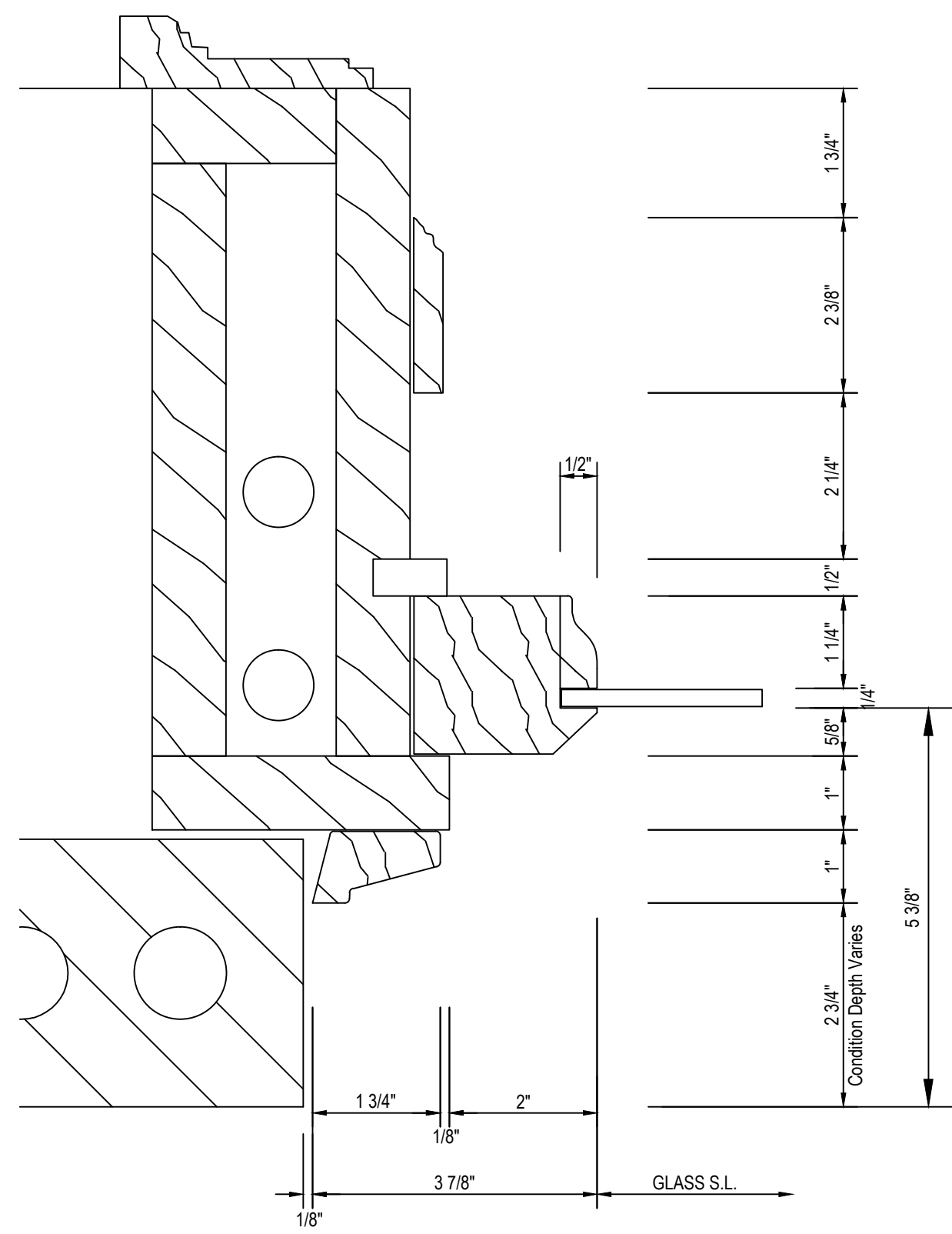
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Detroit, Michigan
Window Shop Drawings

Project Information
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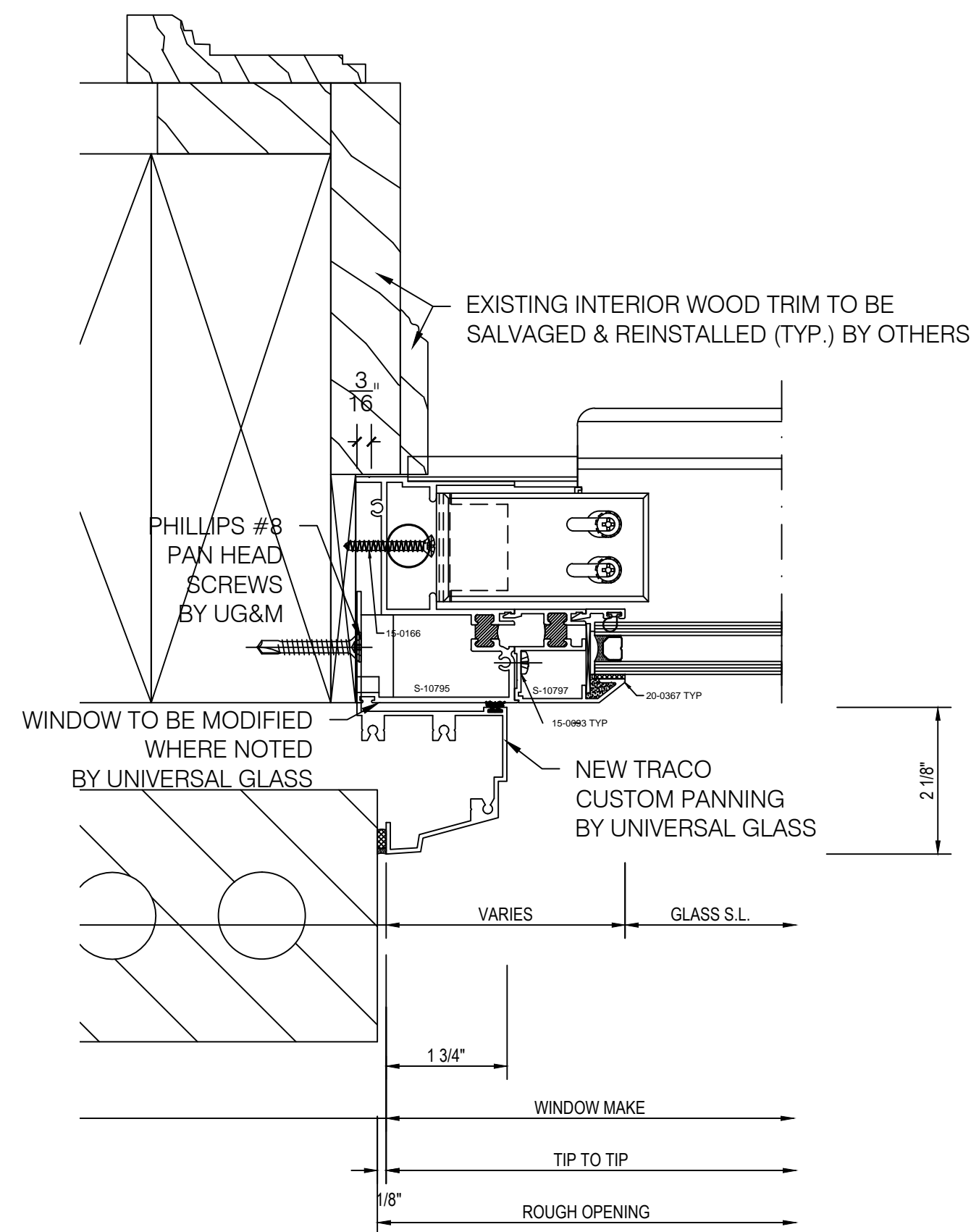
Drawing Title
Details
Scale: As Noted

Sheet Number
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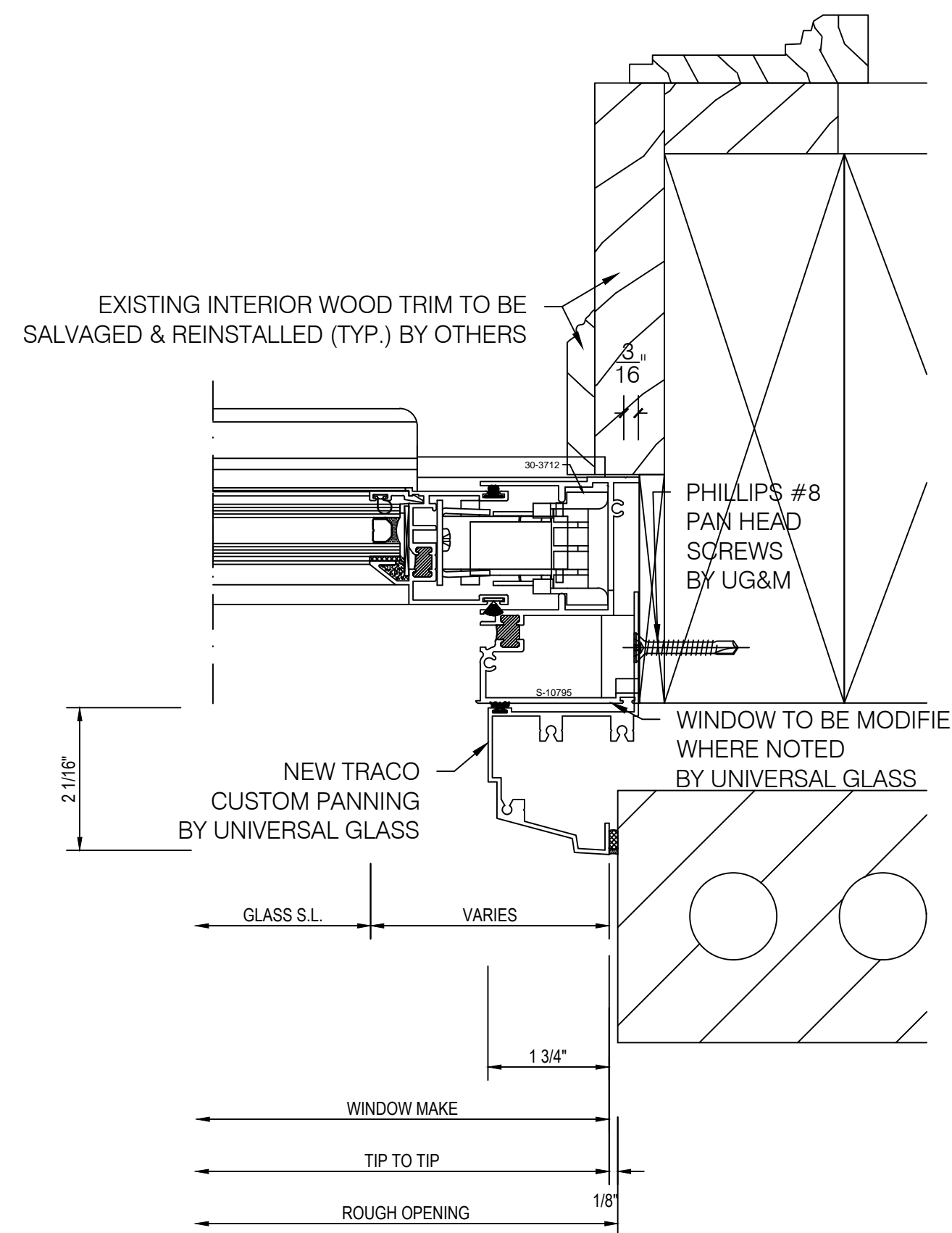
WOOD
CONDITIONS



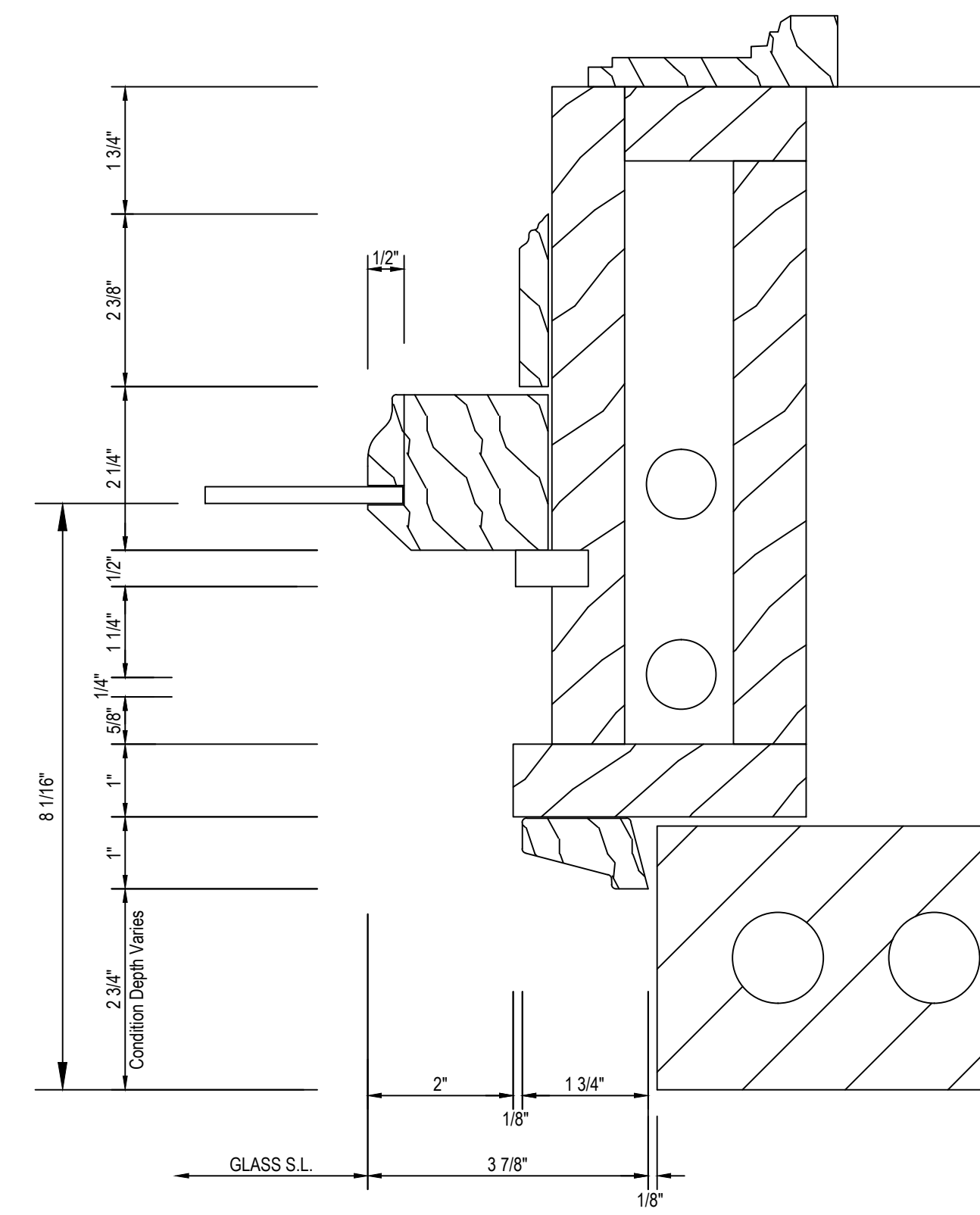
4E Existing Top Sash at Jamb Detail
Scale: 6" = 1'-0" Arch Ref: None
Existing Wood Window



4 Jamb Detail
Scale: 6" = 1'-0" Arch Ref: None
Traco 9700 NPS Series
Single Hung Window



5 Jamb Detail
Scale: 6" = 1'-0" Arch Ref: None
Traco 9700 NPS Series
Single Hung Window



5E Existing Bottom Sash at Jamb Detail
Scale: 6" = 1'-0" Arch Ref: None
Existing Wood Window



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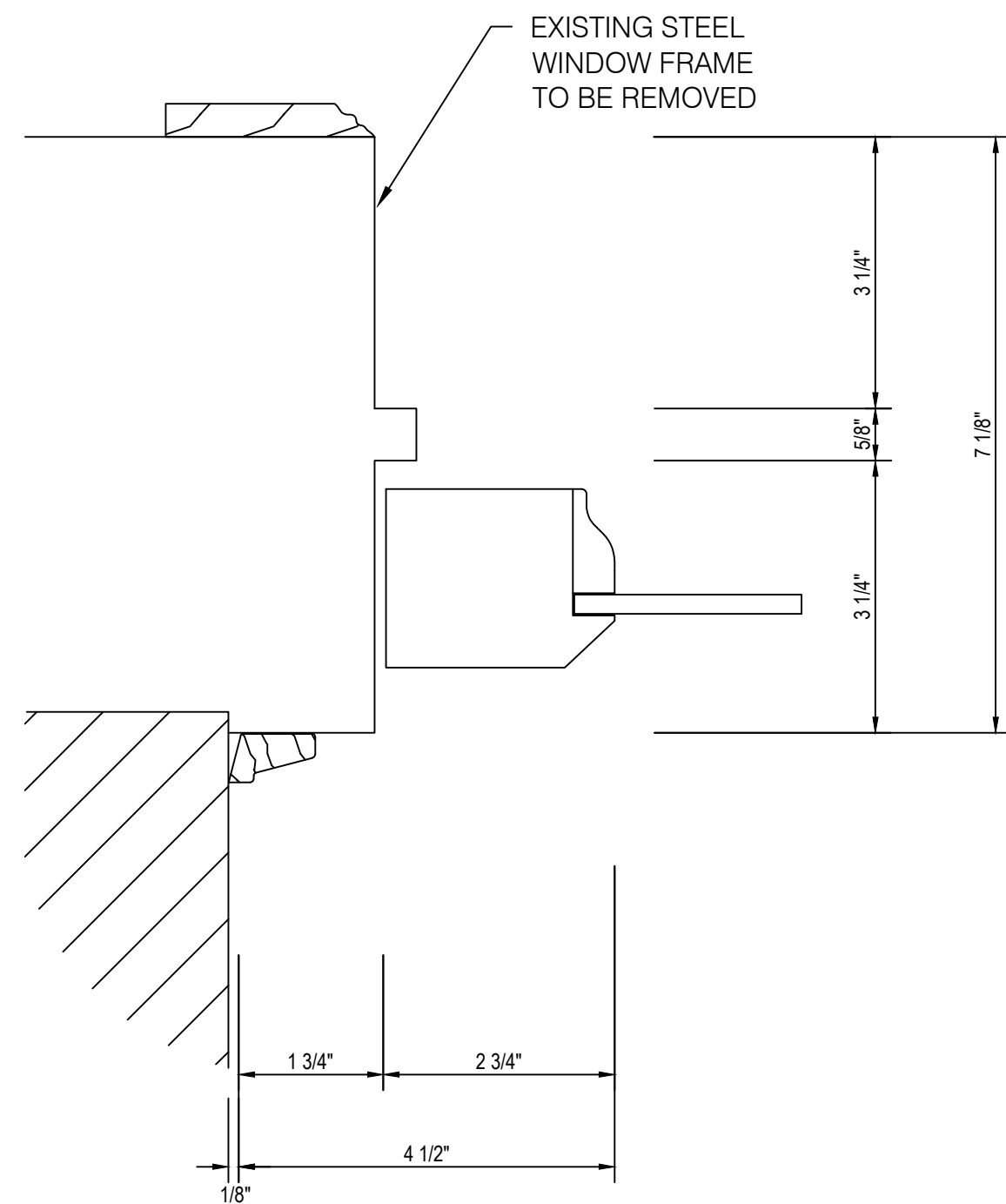
Window Shop Drawings

Project Information
Project Manager: Jim Vogelsberg
Glazing Cntr Job No: ----

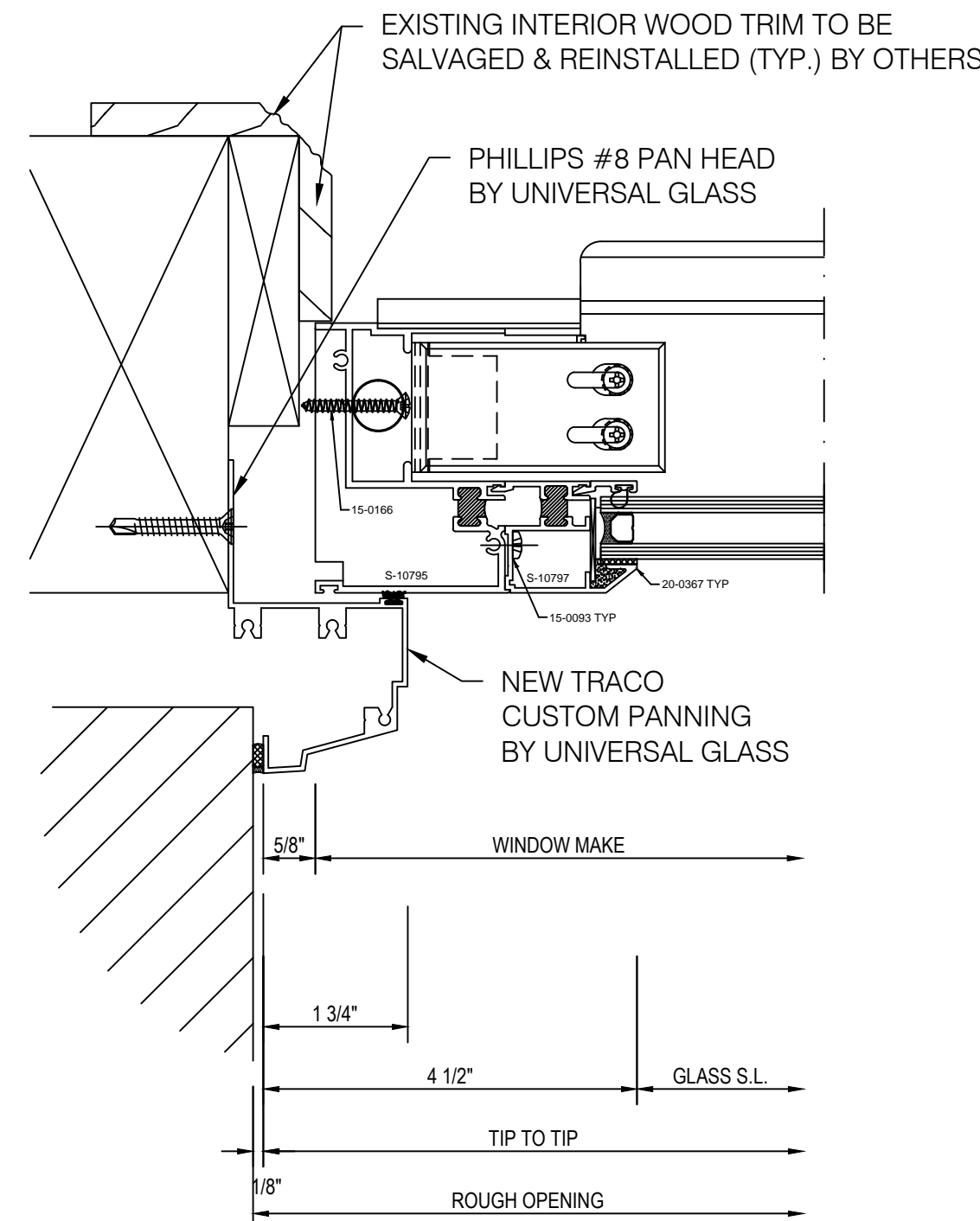
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Details
Scale: As Noted

Sheet Number
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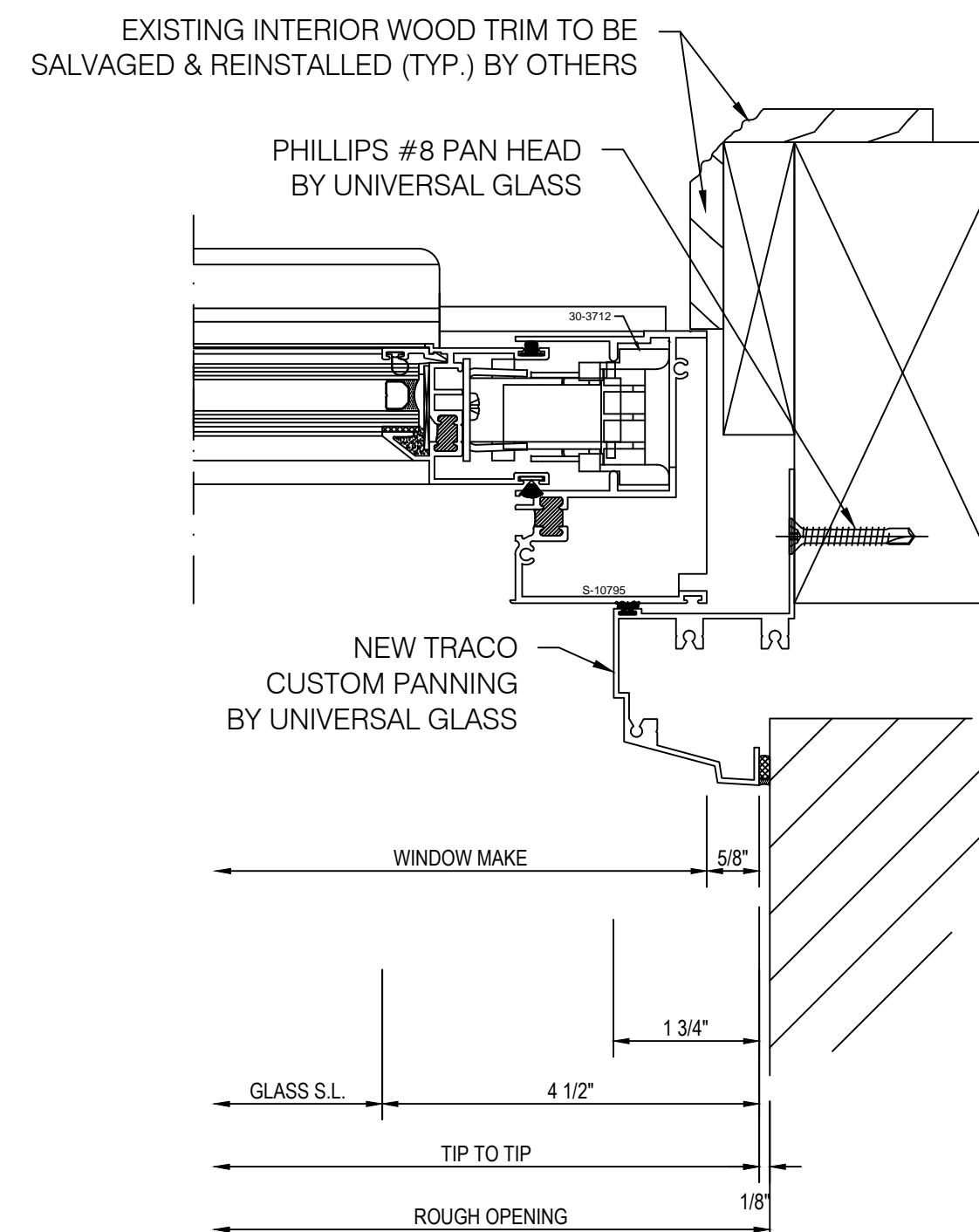
STEEL
CONDITIONS



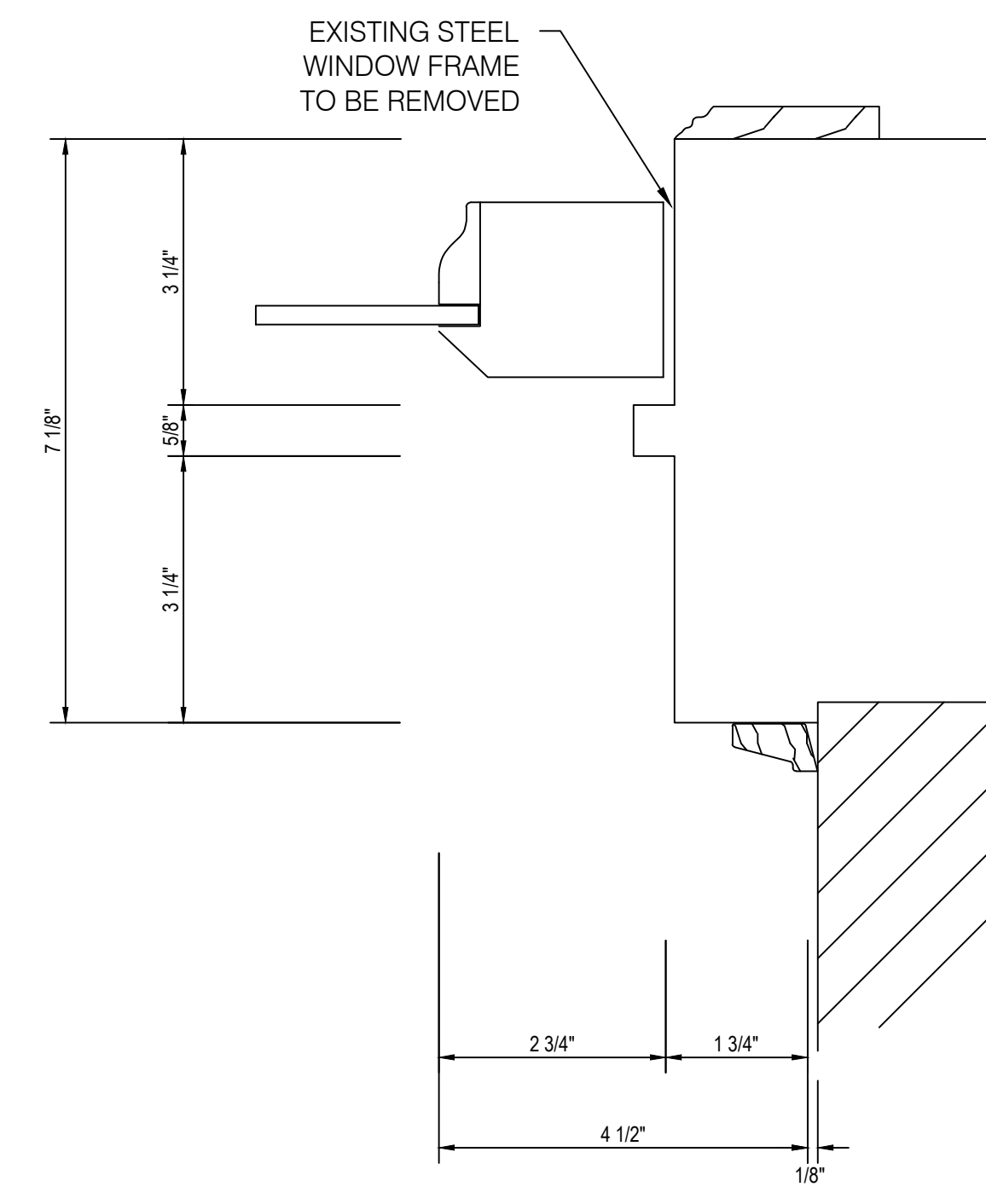
9E Existing Top Sash at Jamb Detail
Scale: 6" = 1'-0" Arch Ref: None
Existing Steel Window



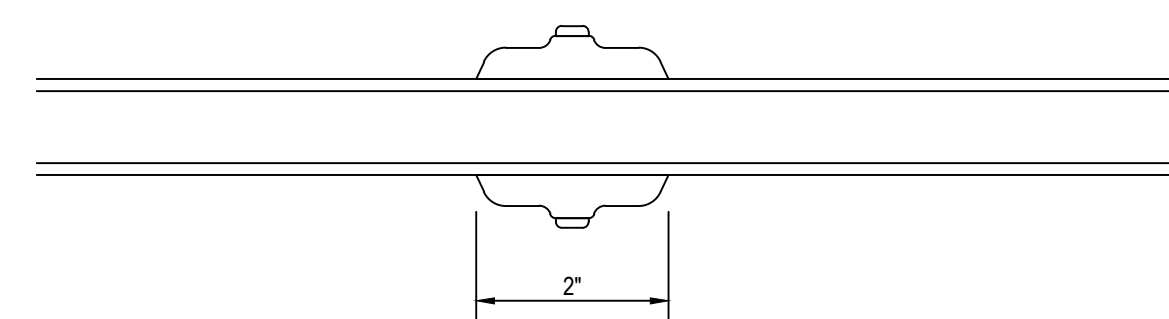
9 Top Sash at Jamb Detail
Scale: 6" = 1'-0" Arch Ref: None
Traco 9700 NPS Series Single Hung Window



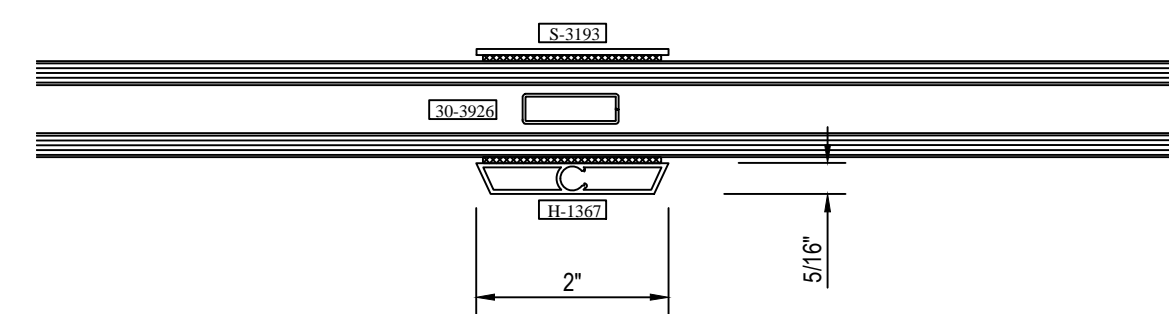
10 Bottom Sash at Jamb Detail
Scale: 6" = 1'-0" Arch Ref: None
Traco 9700 NPS Series Single Hung Window



10E Existing Bottom Sash at Jamb Detail
Scale: 6" = 1'-0" Arch Ref: None
Existing Steel Window



11E Existing Window Muntin Detail
Scale: 6" = 1'-0" Arch Ref: None
Existing Window Muntin



11 Muntin Detail
Scale: 6" = 1'-0" Arch Ref: None
Traco 9460 NPS Series Fixed Window



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Shop Drawings Prepared By



Charrette Studios Inc.
23581 Donaldson Street
Clinton Township, Michigan 48035
P: 586-790-4329 | F: 586-790-4346

CSI Project Information

Drawn By: Mark J. Charrette
CSI Project No: 07011316w

Architect
KraemerDesignGroup
1420 Broadway
Detroit, Michigan 48226

General Cntr. or Constuction Mgr.
Waldbridge
777 Woodward Avenue, Suite 300
Detroit, Michigan 48226

No.	Issue & Revision Dates	Subject
1	01-21-15	As Built for Record

Project Name & Location

The David Whitney Building
1553 Woodward Avenue
Detroit, Michigan

Window Shop Drawings

Project Information

Project Manager: Jim Vogelsberg
Glazing Cntr Job No: ----

Drawing Title

Details

Scale: As Noted

Sheet Number

4.04



Universal Glass & Metals, Inc. m.b.e.
 3000 Vinewood
 Detroit, Michigan 48216
 Phone 313-898-8225 | Fax 313-898-8226

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Project Name & Location

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 1553 Woodward Avenue
 Detroit, Michigan

Window Shop Drawings

Project Information

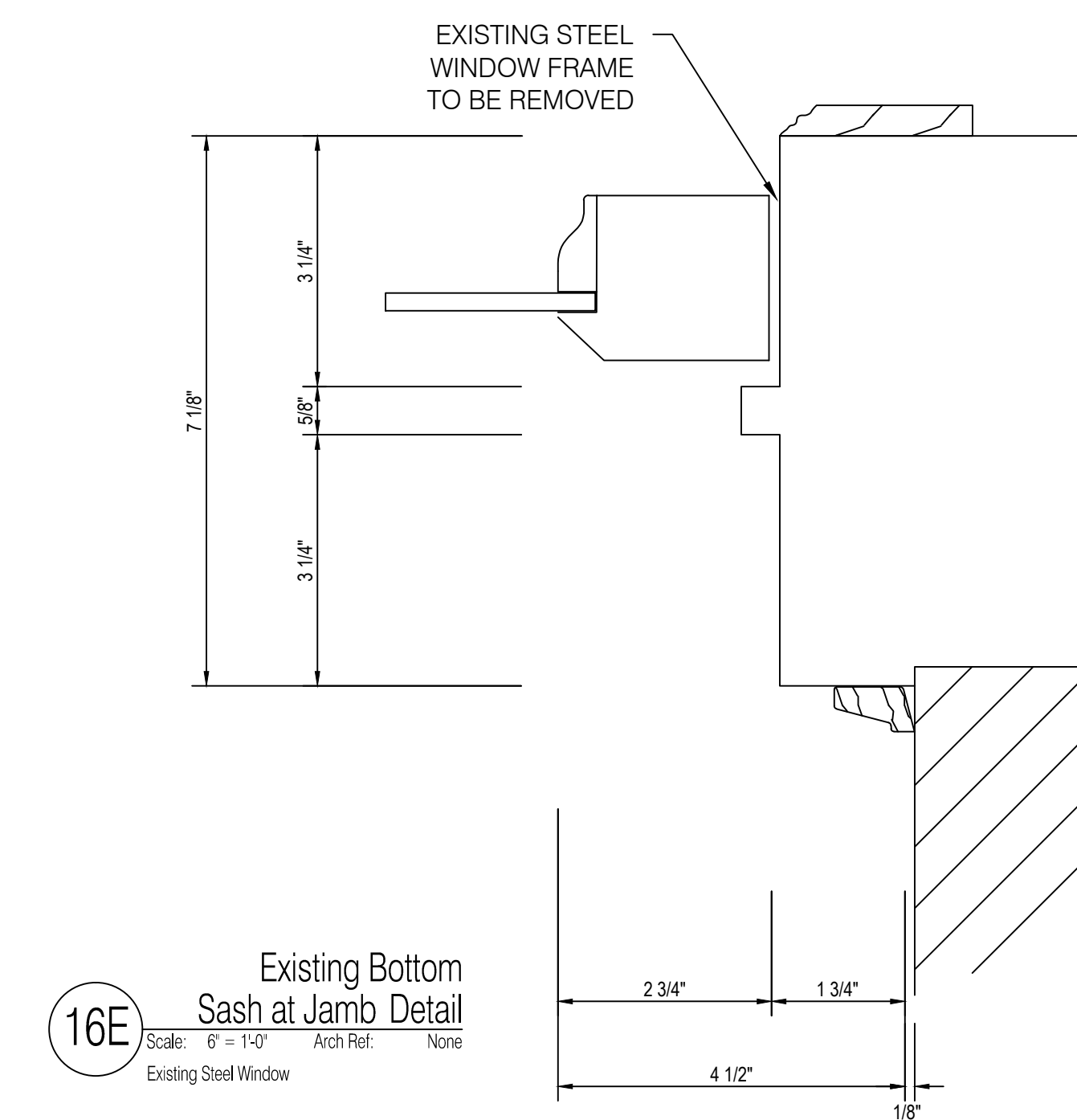
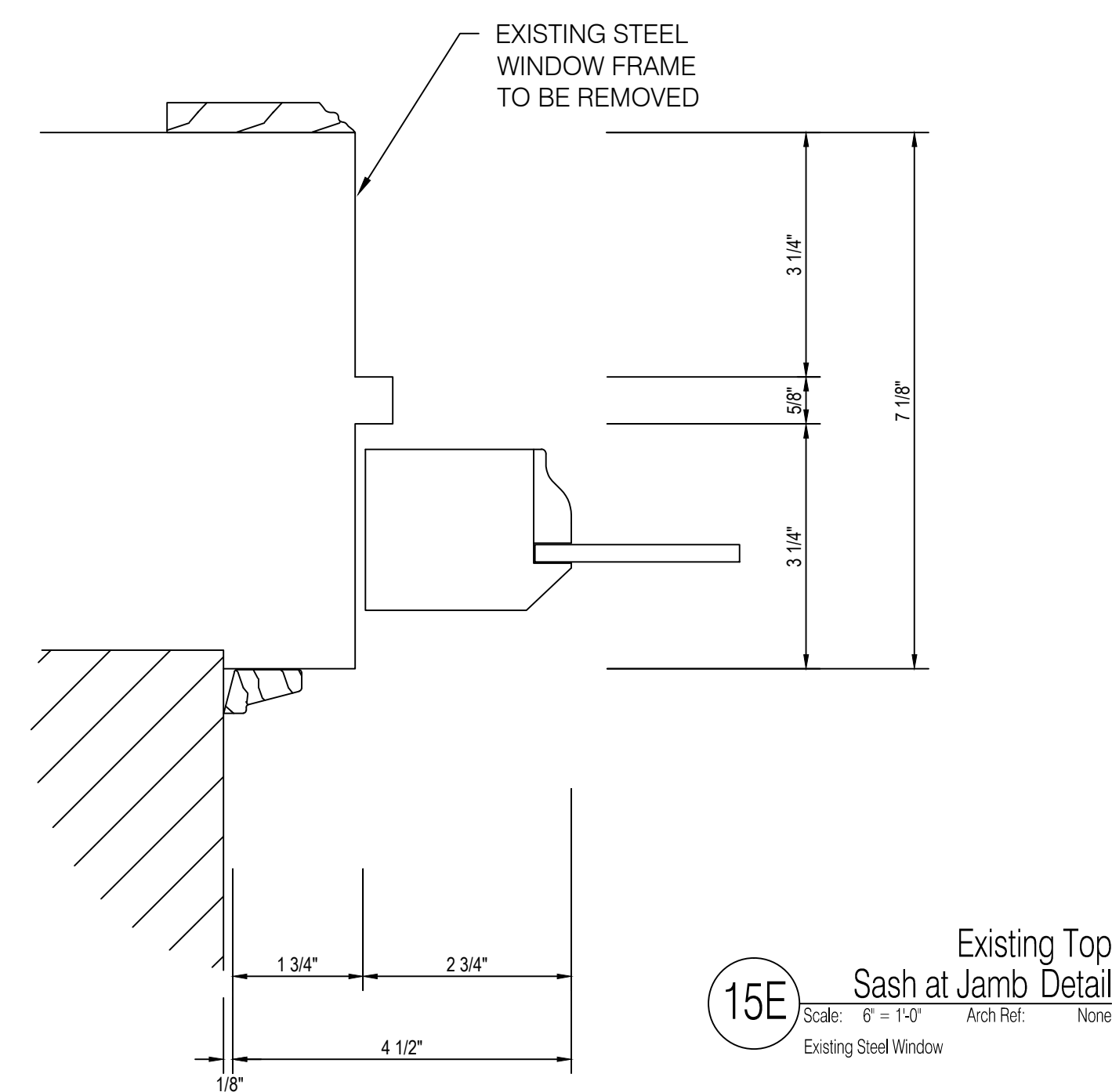
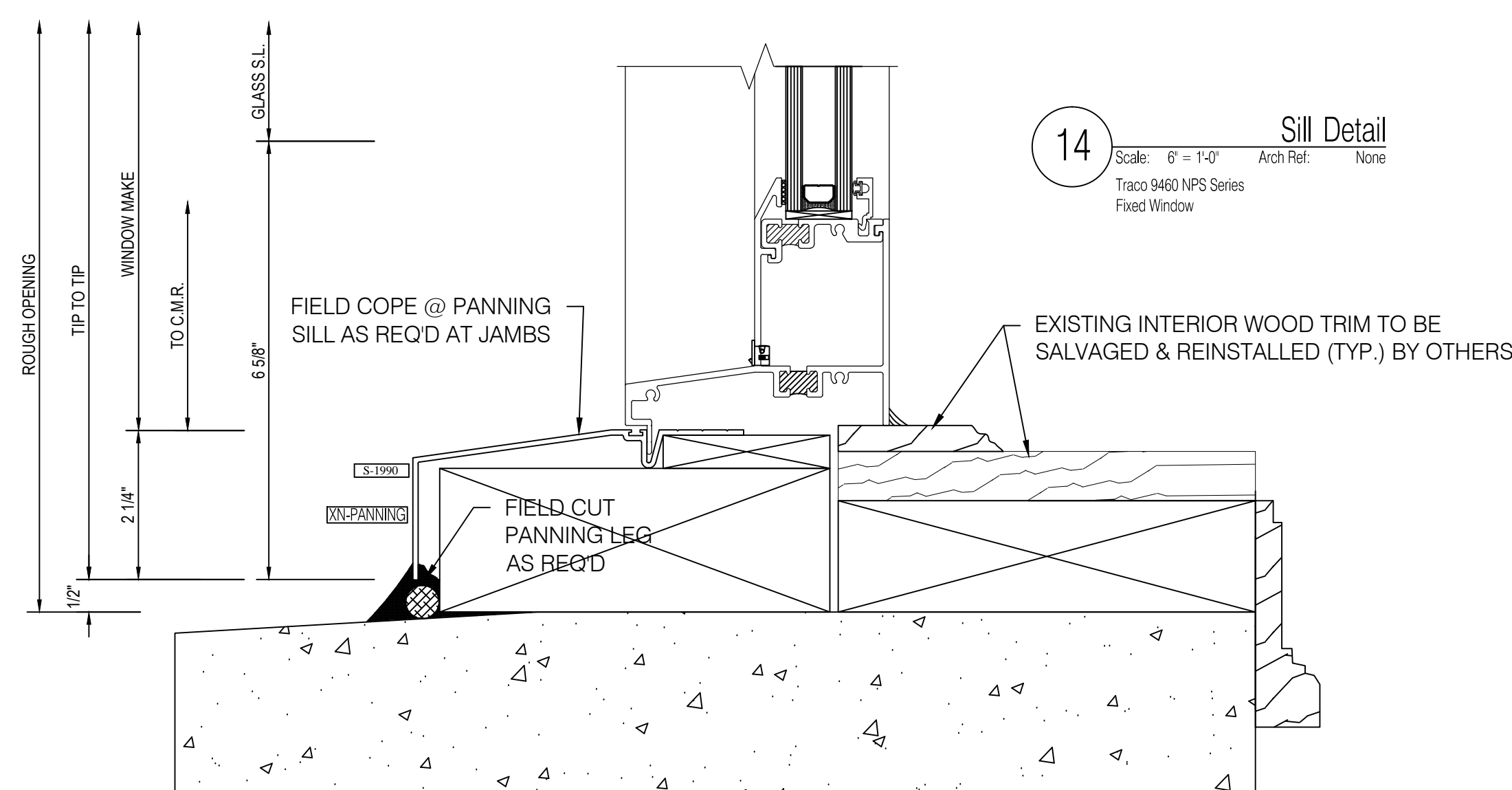
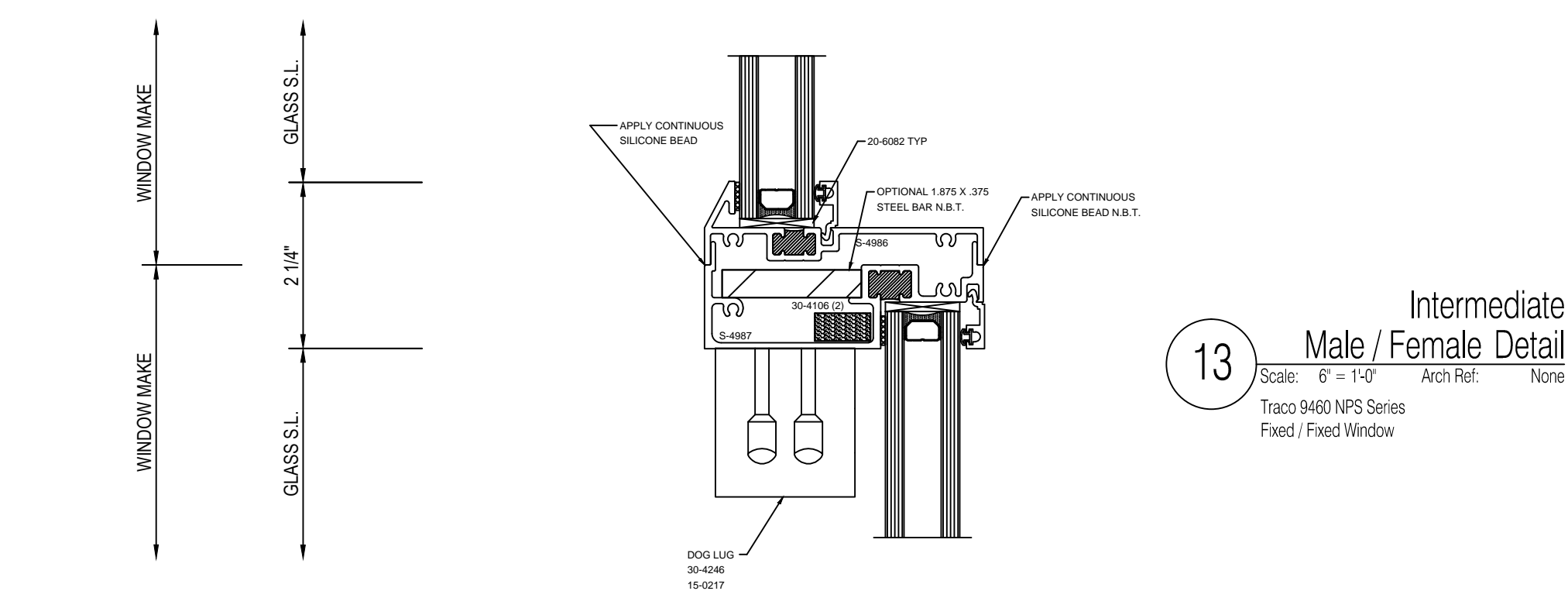
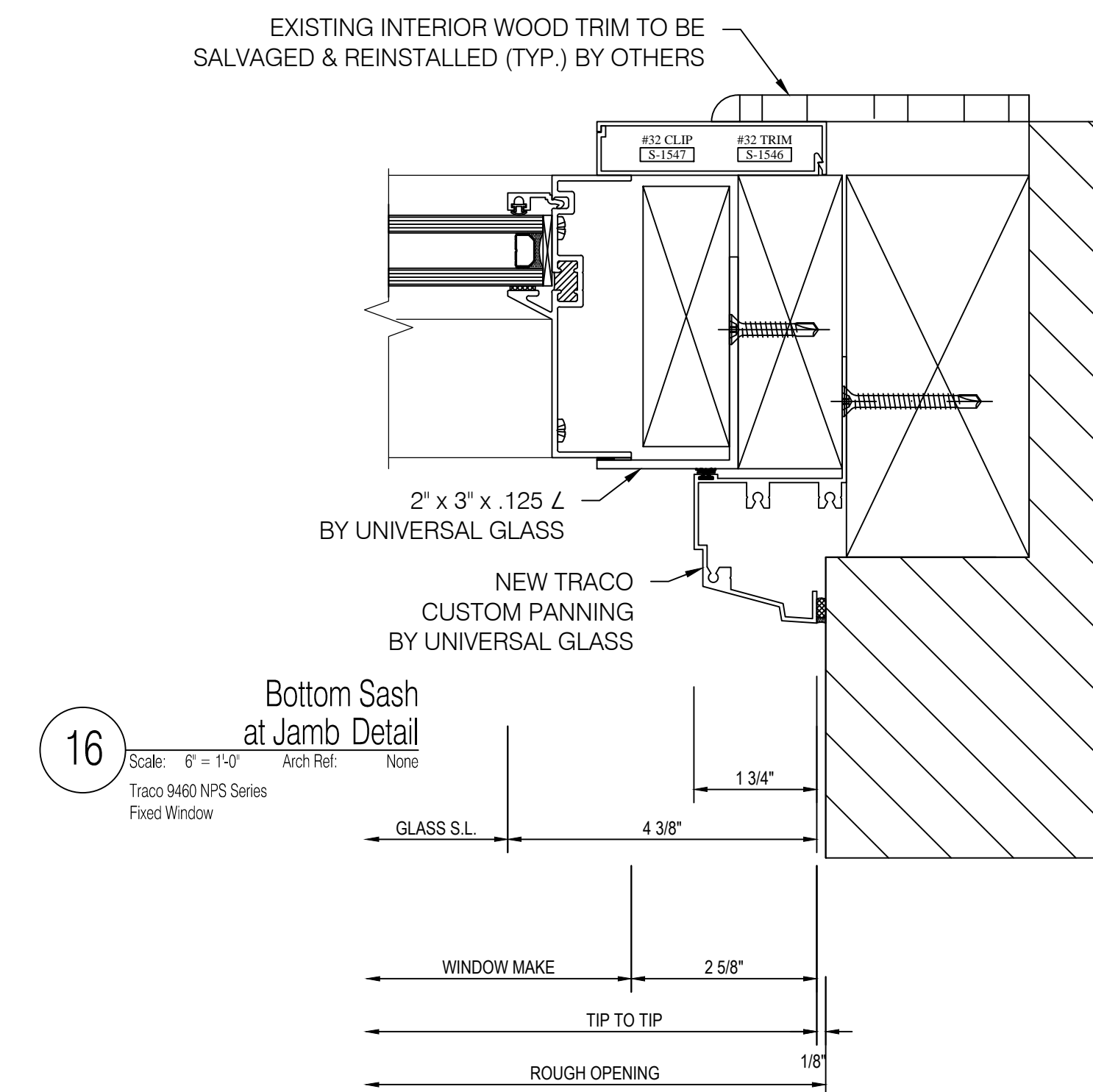
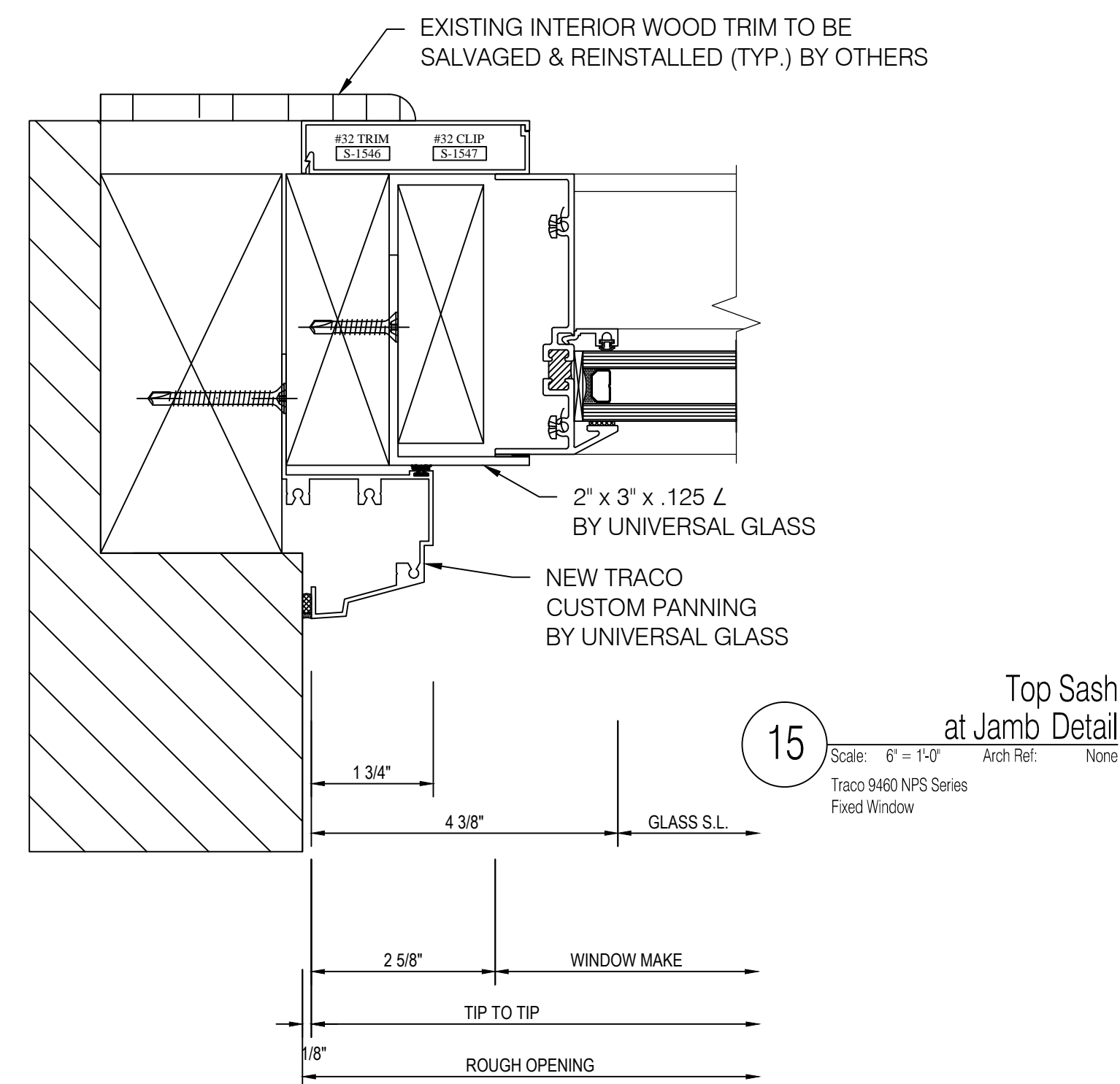
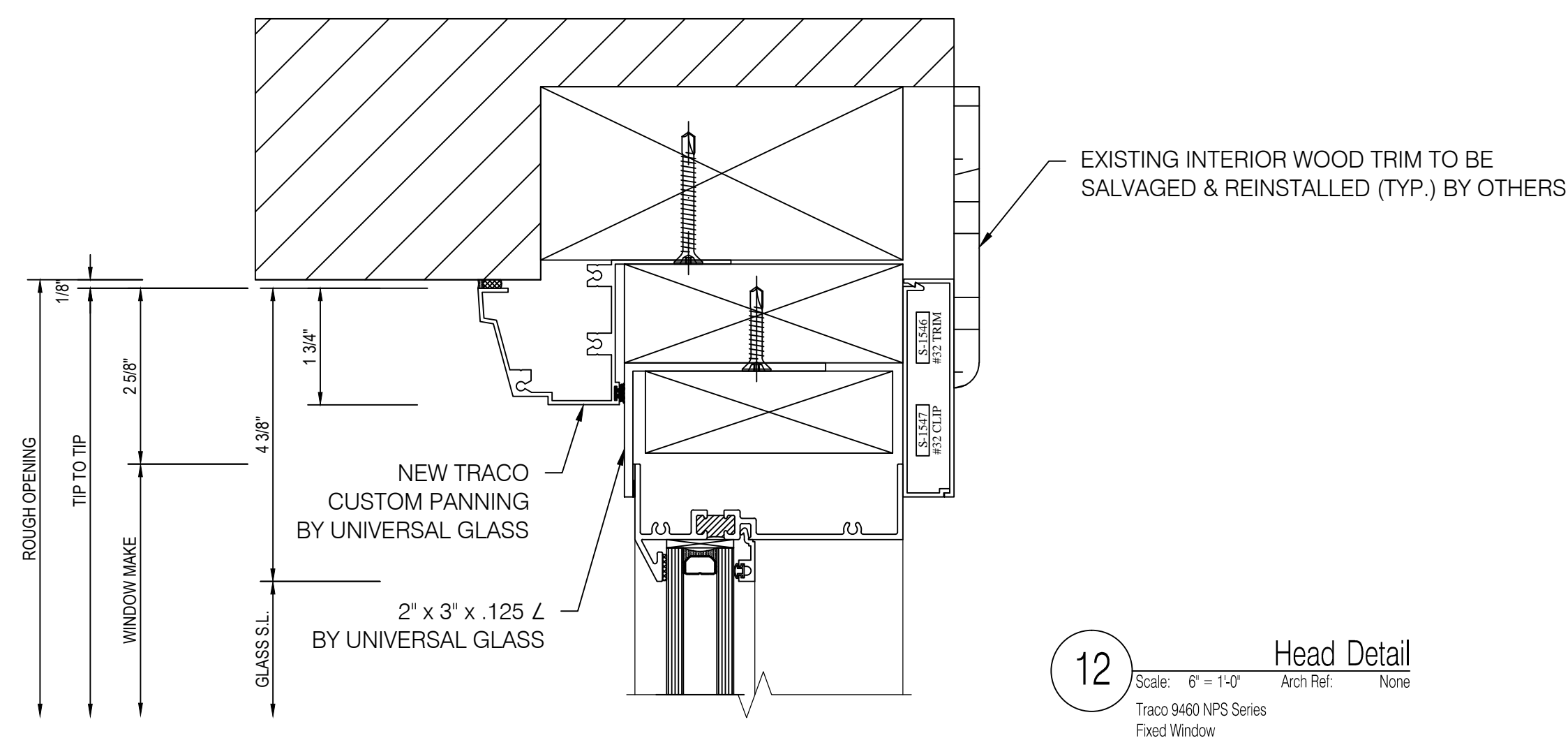
Project Manager: Jim Vogelsberg
 Glazing Cntr Job No: ----

Drawing Title
 Details

Scale: As Noted

Sheet Number

4.05



TRACO WINDOW RELEASE NO.3



TRACO WINDOW RELEASE NO. 3
P.O. No. 13-312-A

Page 1 of 1

Project: David Whitney Building
Detroit, Michigan
UGM Job No. 13-311

WINDOW MARK	QUANTITY	ROUGH OPENING SIZE	EXISTING GLASS SIGHT LINE	PROPOSED GLASS SIGHT LINE	WINDOW MAKE SIZE	PANNING MAKE SIZE
W2s - 5 - 39	1	58 7/8 x 82 7/8			57 3/4 x 77 7/8	60 x 90
W2s - 6 - 39	1	58 3/4 x 87			57 3/4 x 82 1/2	60 x 90
W2s - 7 - 39	1	58 3/4 x 87			57 3/4 x 82 1/2	60 x 90
W2s - 8 - 39	1	58 5/8 x 87			57 3/4 x 82 1/2	60 x 90
W2s - 9 - 39	1	58 5/8 x 87			57 3/4 x 82 1/2	60 x 90
W2s - 10 - 39	1	58 3/4 x 87 1/8			57 3/4 x 82 1/2	60 x 90
W2s - 11 - 39	1	58 7/8 x 87			57 3/4 x 82 1/2	60 x 90
W2s - 12 - 39	1	58 3/4 x 87			57 3/4 x 82 1/2	60 x 90
W2s - 13 - 39	1	58 3/4 x 87			57 3/4 x 82 1/2	60 x 90
W2s - 14 - 39	1	58 3/4 x 87			57 3/4 x 82 1/2	60 x 90
W2s - 15 - 39	1	58 13/16 x 87 1/8			57 3/4 x 82 1/2	60 x 90
W2s - 16 - 39	1	58 3/4 x 87			55 3/4 x 82 1/2	60 x 90
W2s - 17 - 39	1	58 5/8 x 87			55 3/4 x 82 1/2	60 x 90
W2s - 18 - 39	1	58 5/8 x 87 1/8			55 3/4 x 82 1/2	60 x 90
Total	14					

(B) = bottom lite
(T) = top lite

(B) = bottom lite
(T) = top lite

TRACO WINDOW RELEASE NO.4



TRACO WINDOW RELEASE NO. 4
P.O. No. 13-312-A

Page 1 of 1

Project: David Whitney Building
Detroit, Michigan
UGM Job No. 13-311

WINDOW MARK	QUANTITY	ROUGH OPENING SIZE	EXISTING GLASS SIGHT LINE	PROPOSED GLASS SIGHT LINE	WINDOW MAKE SIZE	PANNING MAKE SIZE
W7s - 2 - 1	1	54 7/8 x 153 3/4			(2) 53 3/8 x 75 1/8	60 x 160
Total	1					



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Project Name & Location

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Window Shop Drawings

Project Information

Project Manager: Jim Vogelsberg
Glazing Cntr Job No: ----

Drawing Title

Window Schedule

Scale: As Noted

Sheet Number

5.02