



WINDOW REPLACEMENT

3100 Railroad Avenue
Bismarck, ND 58502



4000 GARDEN VIEW DRIVE, SUITE 101
GRAND FORKS, ND 58201
(701) 772.4266 OFFICE
WWW.ICONARCHITECTS.COM

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Scope Of Work:

Removal & Reinstallation Of 64 Security Windows

General Notes:

- o Existing photos of building and windows are provided on the A900 sheets for bidding purposes as bidders will not be allowed to tour facility prior to bid opening.
- o Contractors are required to be background checked by NDDOCR staff prior to any on-site work being performed.
- o Contractors will be chaperoned within secure areas of the building or security fence at all times by NDDOCR staff.
- o Electrical and water available on site for contractor use.
- o Dumpsters provided by General Contractor (GC) and to be located in the contractor staging area - NE side of site.
- o Contractors are allowed to use telehandlers, scissor lifts and JLG lifts for exterior work. No scaffolding allowed. All lifts to be stored outside of secure fence area at end of workday.
- o No job trailer allowed in contractor staging area - all items will be stored in a gang box that will be locked at the site as directed by NDDOCR staff.
- o Contractor to remove one (1) window and install new window at a time. New window must be installed to provide secure area at end of workday.
- o GC may use adjacent roofs for window installation. GC responsible for protection of roofs.
- o GC may use roof of old administration building for storage of demolished windows and new windows during construction to minimize time needed for use of lifts at exterior of building. GC responsible for protection of roof.
- o Portable vent system will be needed for welding in new security windows. Venting all welding fumes to exterior of building is a requirement with no exceptions allowed.
- o Hours for work will be agreed upon with NDDOCR with Monday thru Friday 8 to 5 as typical work week. No work on weekends unless authorized by NDDOCR.
- o No noise restrictions.
- o No smoking within fenced area - only outside of perimeter fence.
- o Lunch - all contractors need to take lunch at the same time and be escorted by NDDOCR staff.
- o Gang boxes for contractors to be stored and locked at end of each day on different floors as directed by NDDOCR staff. Contractor is the only person with a key to their gang box and is responsible for that key. All contents within gang box will be inventoried and accounted for each day.
- o All sealant inside to be pic proof SB 190 or better.
- o One (1) cell phone per crew allowed (typically site foreman).
- o Plans to be digital on an iPad or similar device. One (1) devise per construction crew and will be accounted for at end of workday.
- o Restrooms on the 2nd floor will be available to contractors but contractors will always need a chaperone from NDDOCR.
- o Use of owner's water and 110 power will be provided.



North Dakota Department of Corrections & Rehabilitation Window Replacement

01/09/2025

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NO.	DESCRIPTION	DATE
1	CONSTRUCTION DOCUMENTS	01/09/25



1 A001 Site Plan - Overall
1" = 60'-0"

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STRUCTURAL

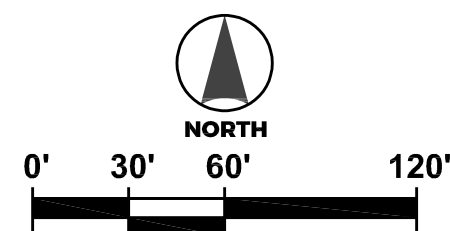
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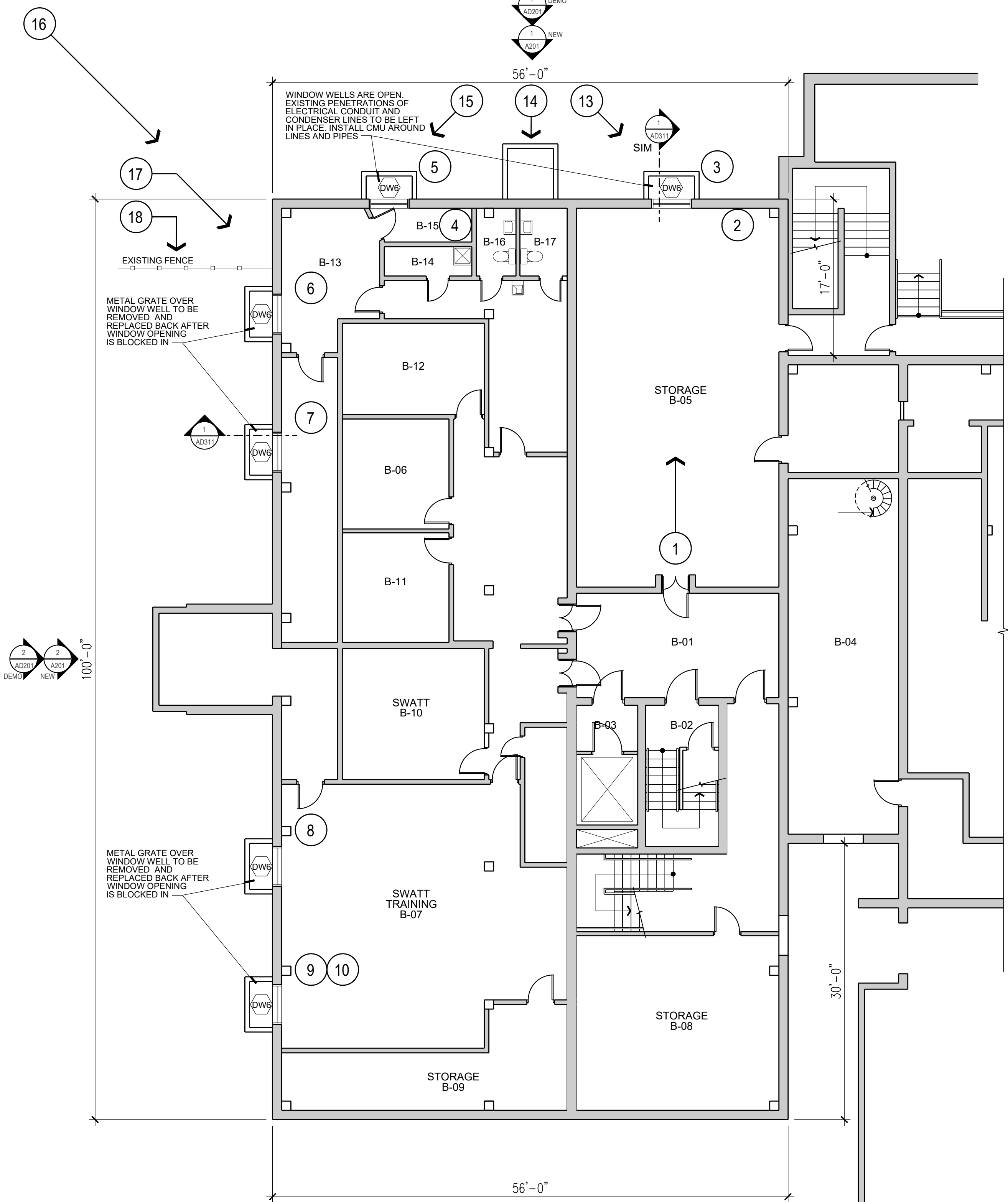
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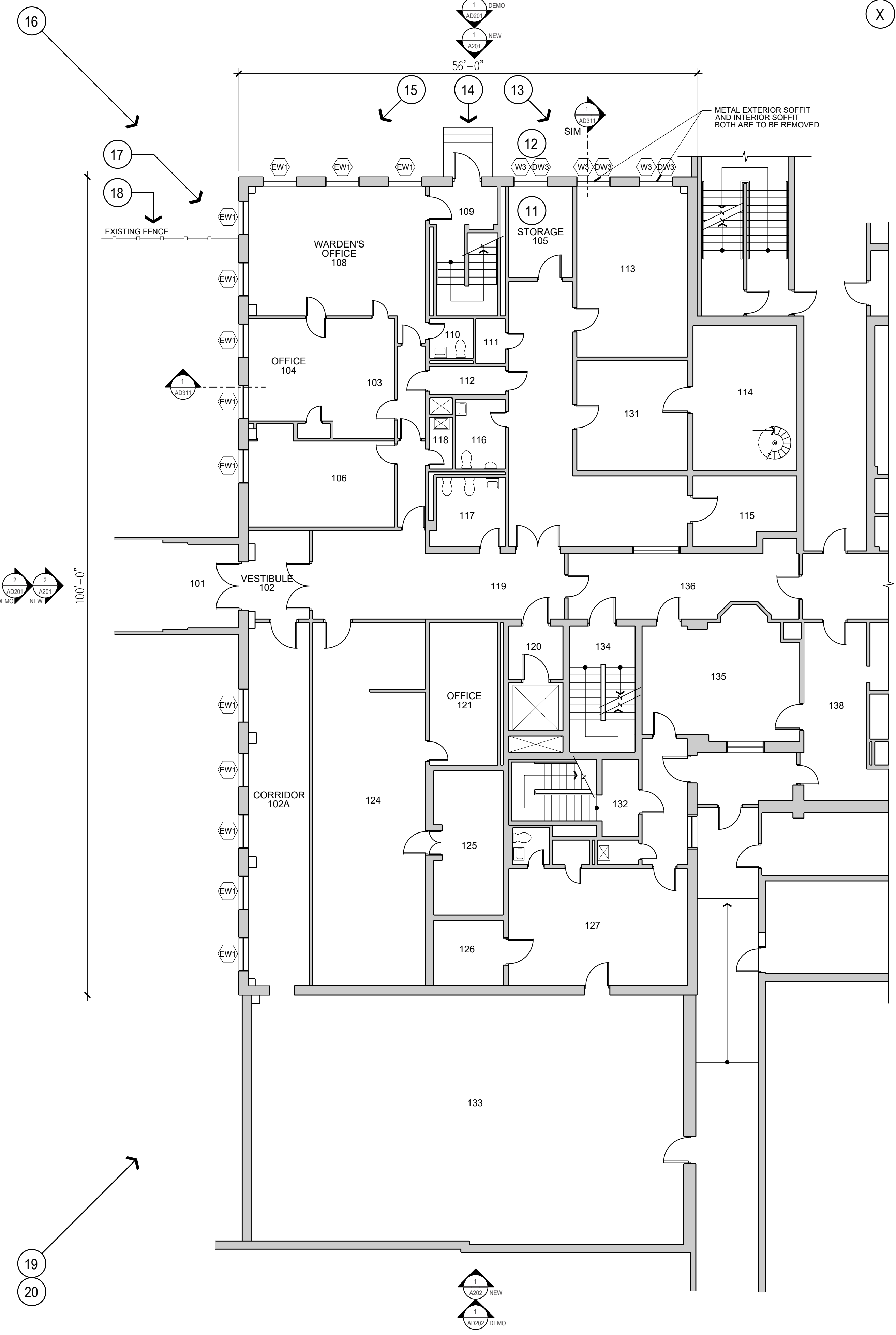
Site Plan - Overall

SHEET
A001

X EXISTING PHOTOS - SEE A300'S SHEETS



NOTE: BASEMENT SCOPE OF WORK INCLUDES REMOVAL OF WINDOWS DW6 WITHIN SIX WINDOW WELLS. INFILL OPENINGS WITH 6" CMU GROUTED SOLID. INSTALL CMU AROUND EXISTING ELECTRICAL CONDUIT AND CONDENSER LINES / VENT LINES @ NORTH OPENINGS.



NOTE: FIRST FLOOR SCOPE OF WORK INCLUDES REMOVAL AND REPLACEMENT OF THE THREE DW3 WINDOWS ALONG THE NORTH EAST SIDE. REPLACE WITH NEW W3 ALUMINUM STOREFRONT WINDOWS. ALL OTHER WINDOWS (EW1) ARE EXISTING. DO NOT DISTURB.



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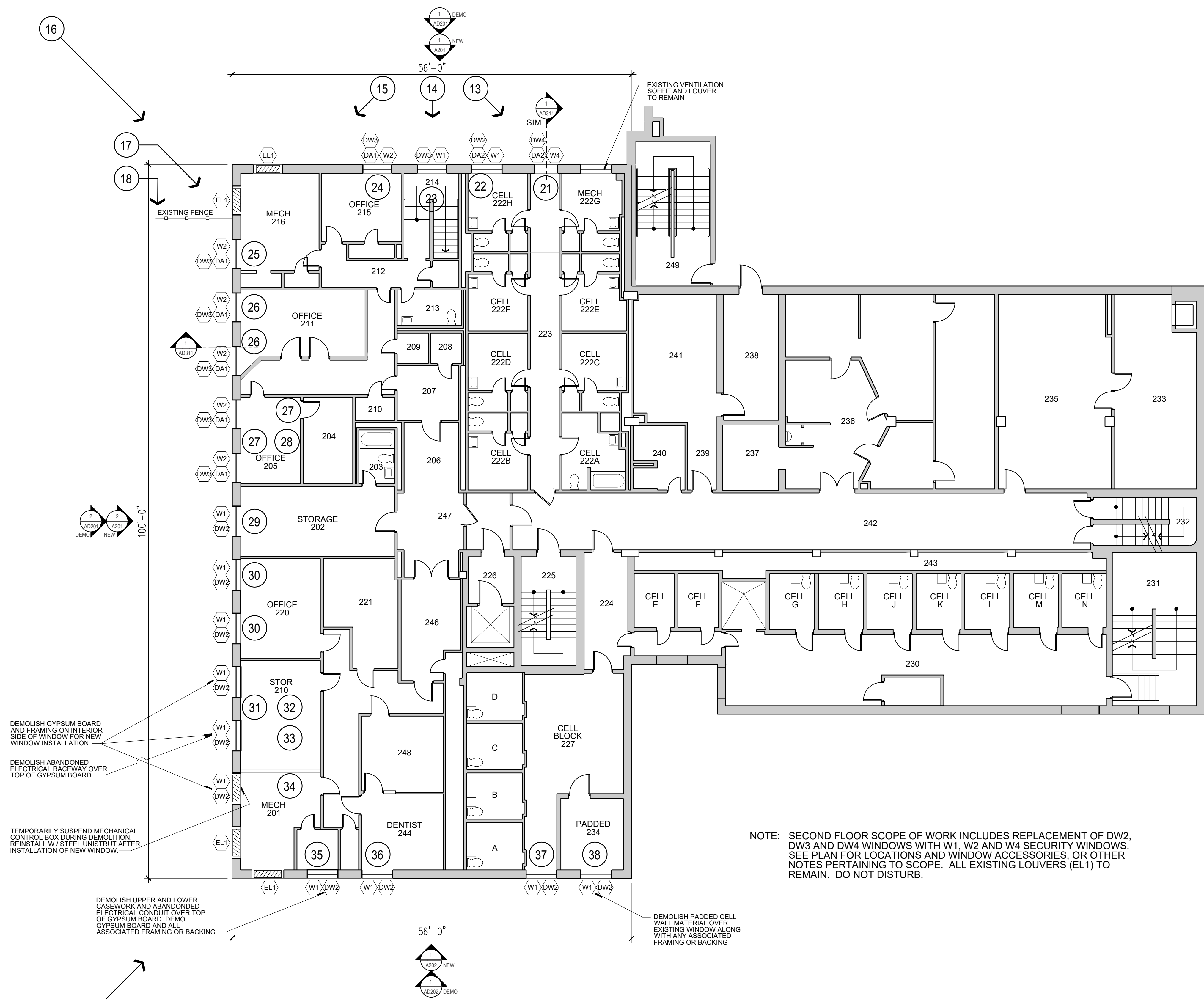
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DEMOLISH GYPSUM BOARD AND FRAMING ON INTERIOR SIDE OF WINDOW FOR NEW WINDOW INSTALLATION

DEMOLISH ABANDONED ELECTRICAL RACEWAY OVER TOP OF GYPSUM BOARD.

TEMPORARILY SUSPEND MECHANICAL CONTROL BOX DURING DEMOLITION. REINSTALL W/ STEEL UNISTRUT AFTER INSTALLATION OF NEW WINDOW.

DEMOLISH UPPER AND LOWER CASEWORK AND ABANDONED ELECTRICAL CONDUIT OVER TOP OF GYPSUM BOARD. DEMO GYPSUM BOARD AND ALL ASSOCIATED FRAMING OR BACKING

DEMOLISH PADDED CELL WALL MATERIAL OVER EXISTING WINDOW ALONG WITH ANY ASSOCIATED FRAMING OR BACKING

NOTE: SECOND FLOOR SCOPE OF WORK INCLUDES REPLACEMENT OF DW2, DW3 AND DW4 WINDOWS WITH W1, W2 AND W4 SECURITY WINDOWS. SEE PLAN FOR LOCATIONS AND WINDOW ACCESSORIES, OR OTHER NOTES PERTAINING TO SCOPE. ALL EXISTING LOUVERS (EL1) TO REMAIN. DO NOT DISTURB.



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Second Floor Plan

SHEET

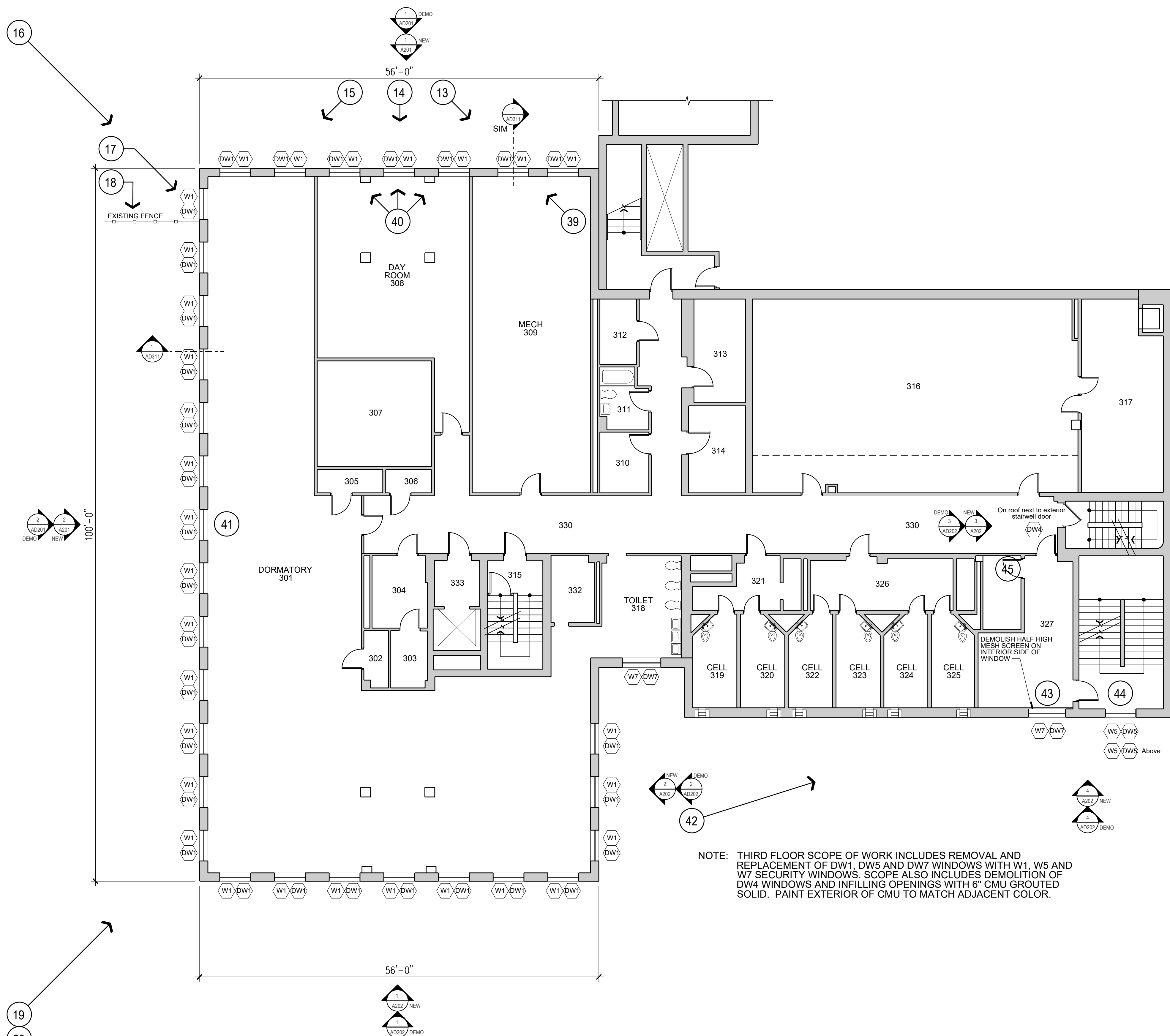
A101

**WINDOW
REPLACEMENT**

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304

333

315

332

TOILET
318

321

326

45

330

CELL
319

CELL
320

CELL
322

CELL
323

CELL
324

CELL
325

43

44

NEW
2
A202

DEM
2
A202

NEW
1
A202

DEM
1
A202

NEW
1
A202

DEM
1
A202

NOTE: THIRD FLOOR SCOPE OF WORK INCLUDES REMOVAL AND REPLACEMENT OF DW1, DW5 AND DW7 WINDOWS WITH W1, W5 AND W7 SECURITY WINDOWS. SCOPE ALSO INCLUDES DEMOLITION OF DW4 WINDOWS AND INFILLING OPENINGS WITH 6\"/>

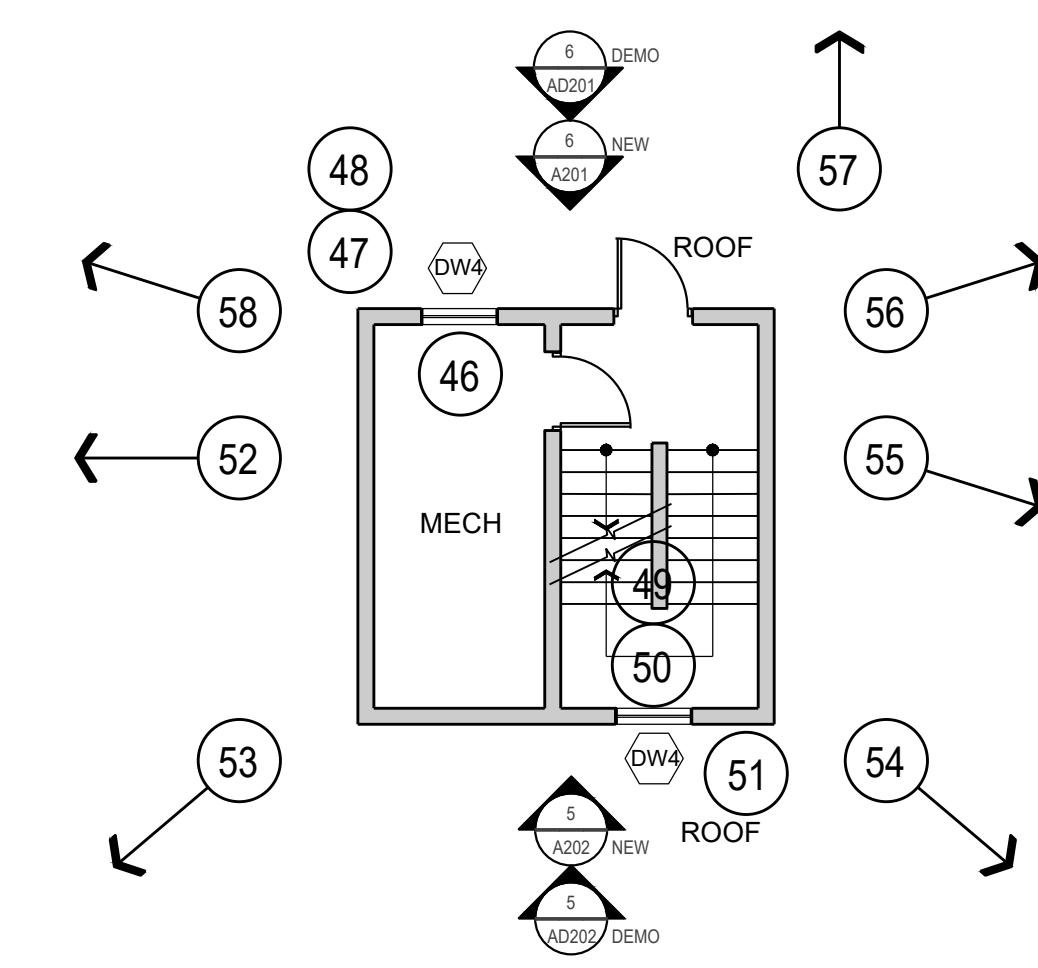
19

20

1
NEW
A202

1
DEM
A202

1 A102 **Third Floor Plan**
1/8" = 1'-0"



2 A102 **Fourth Floor Plan - Guard Tower**
1/8" = 1'-0"



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**Third Floor Plan
& Guard Tower**

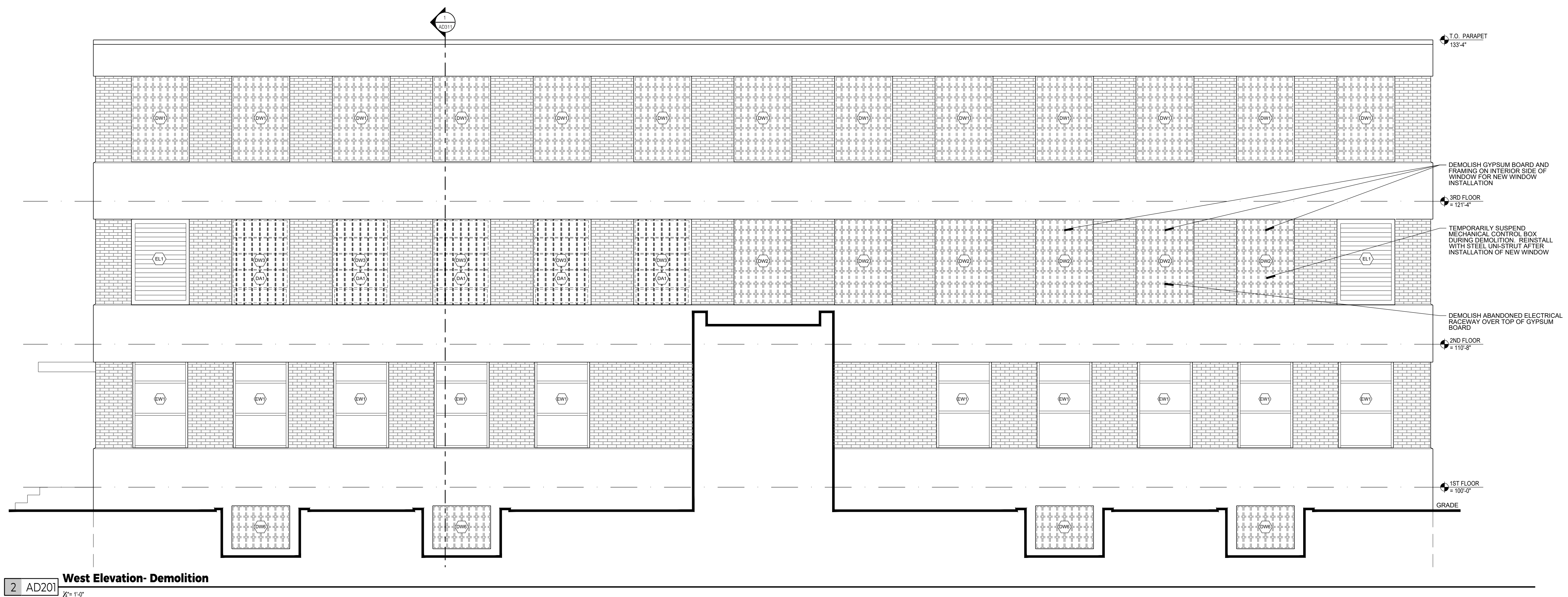
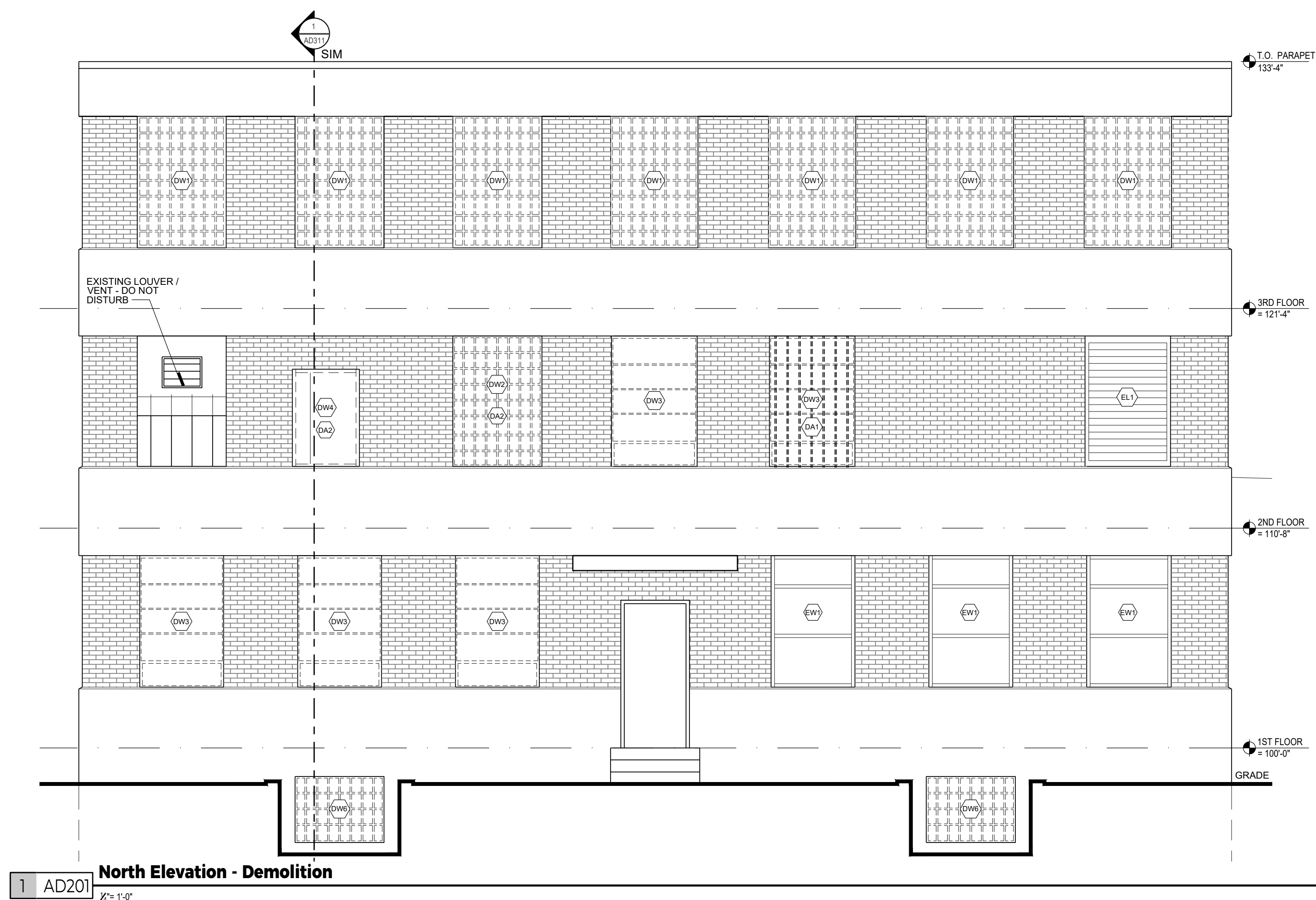
SHEET
A102

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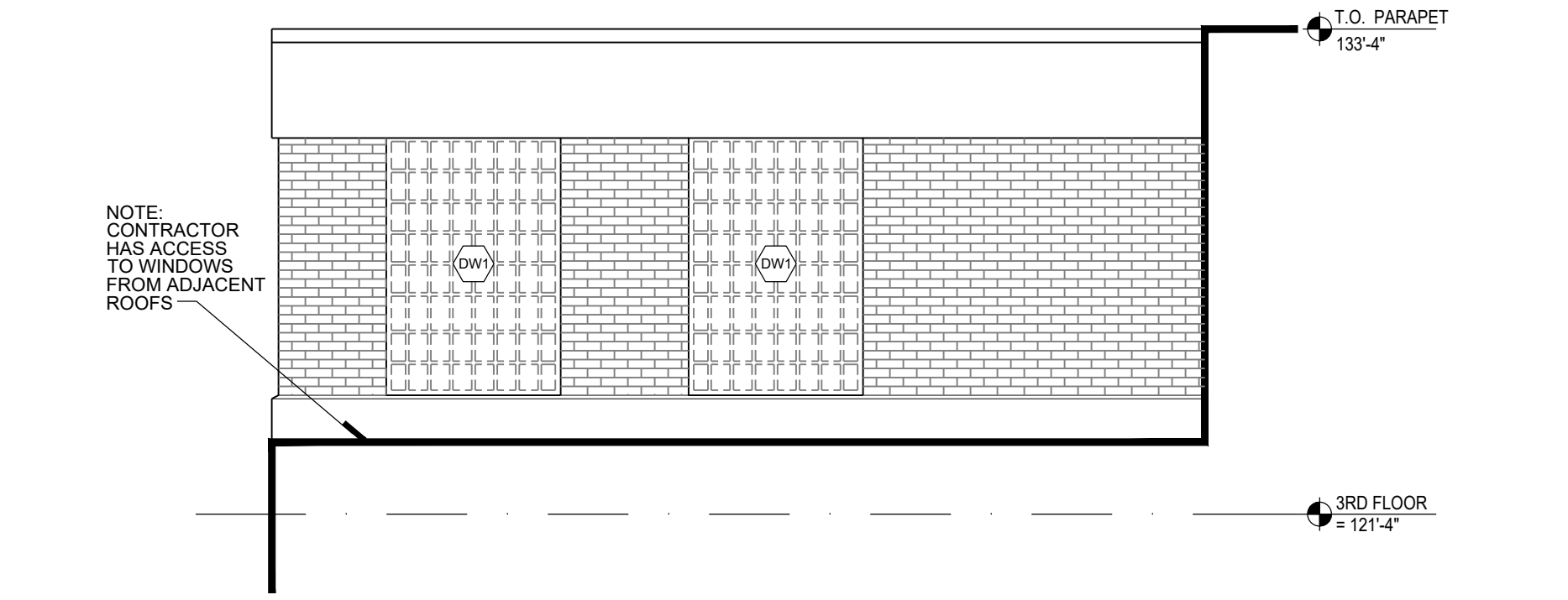
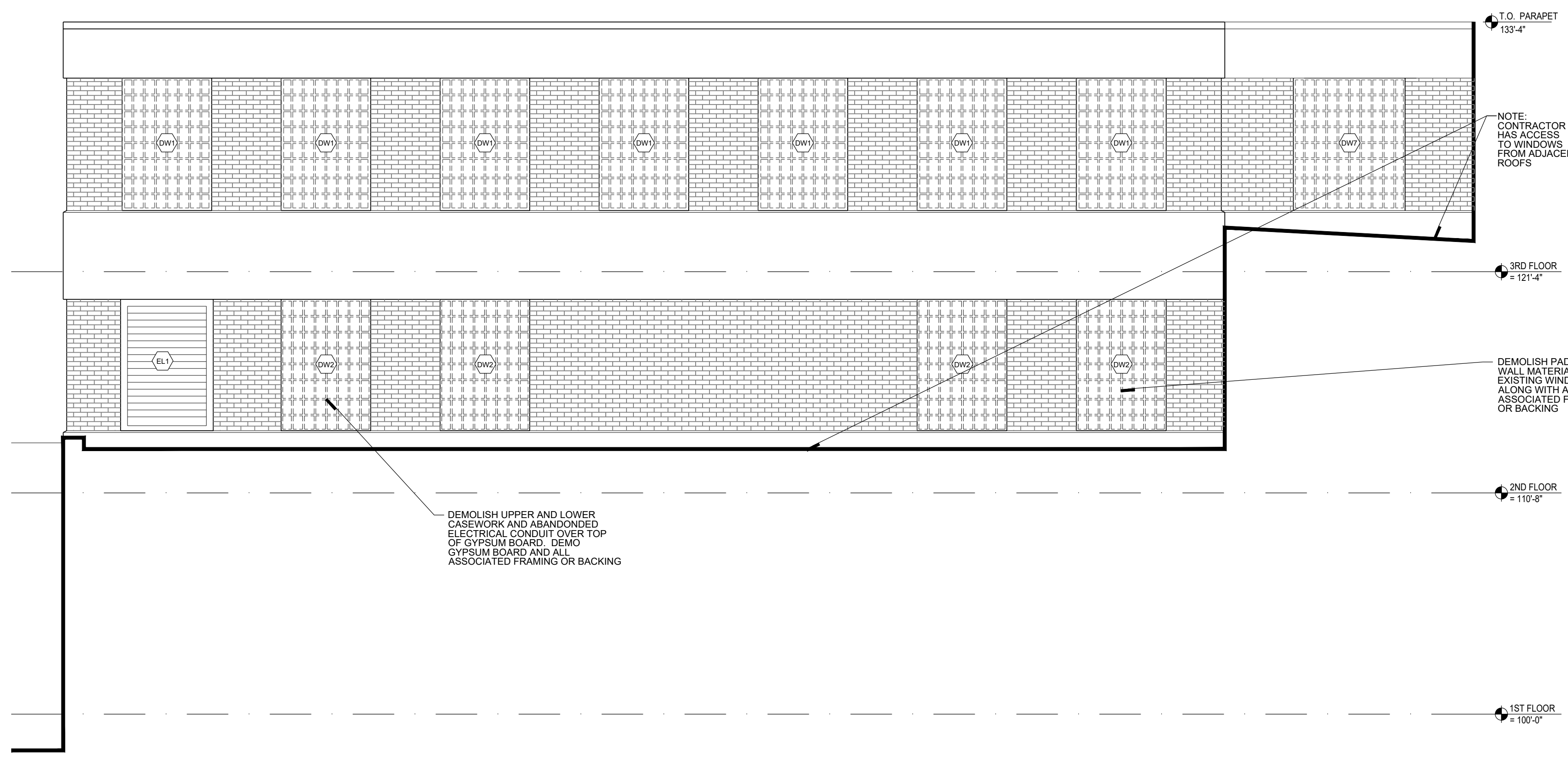
Exterior Demo Elevations

WINDOW REPLACEMENT

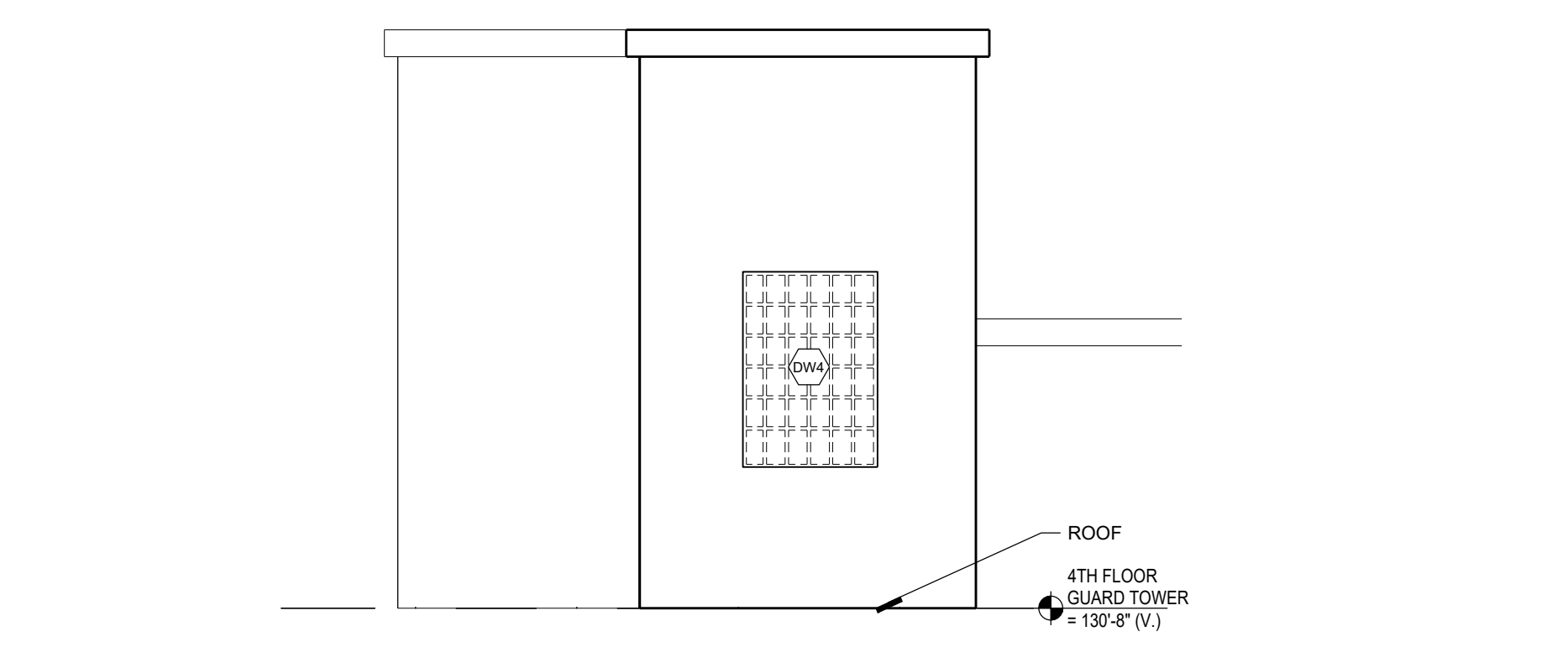
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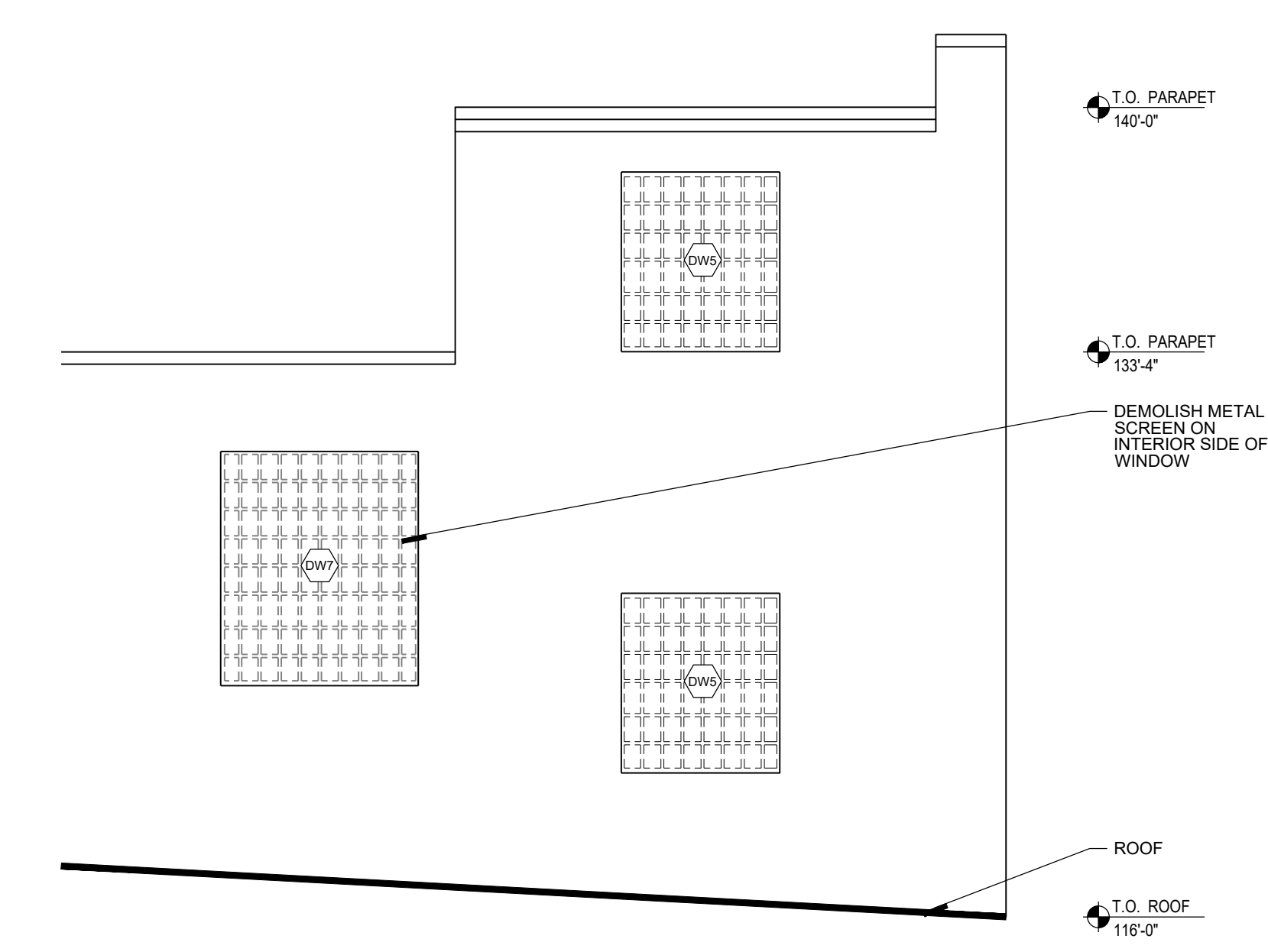
2 AD202 East Elevation - Demolition
1/8" = 1'-0"



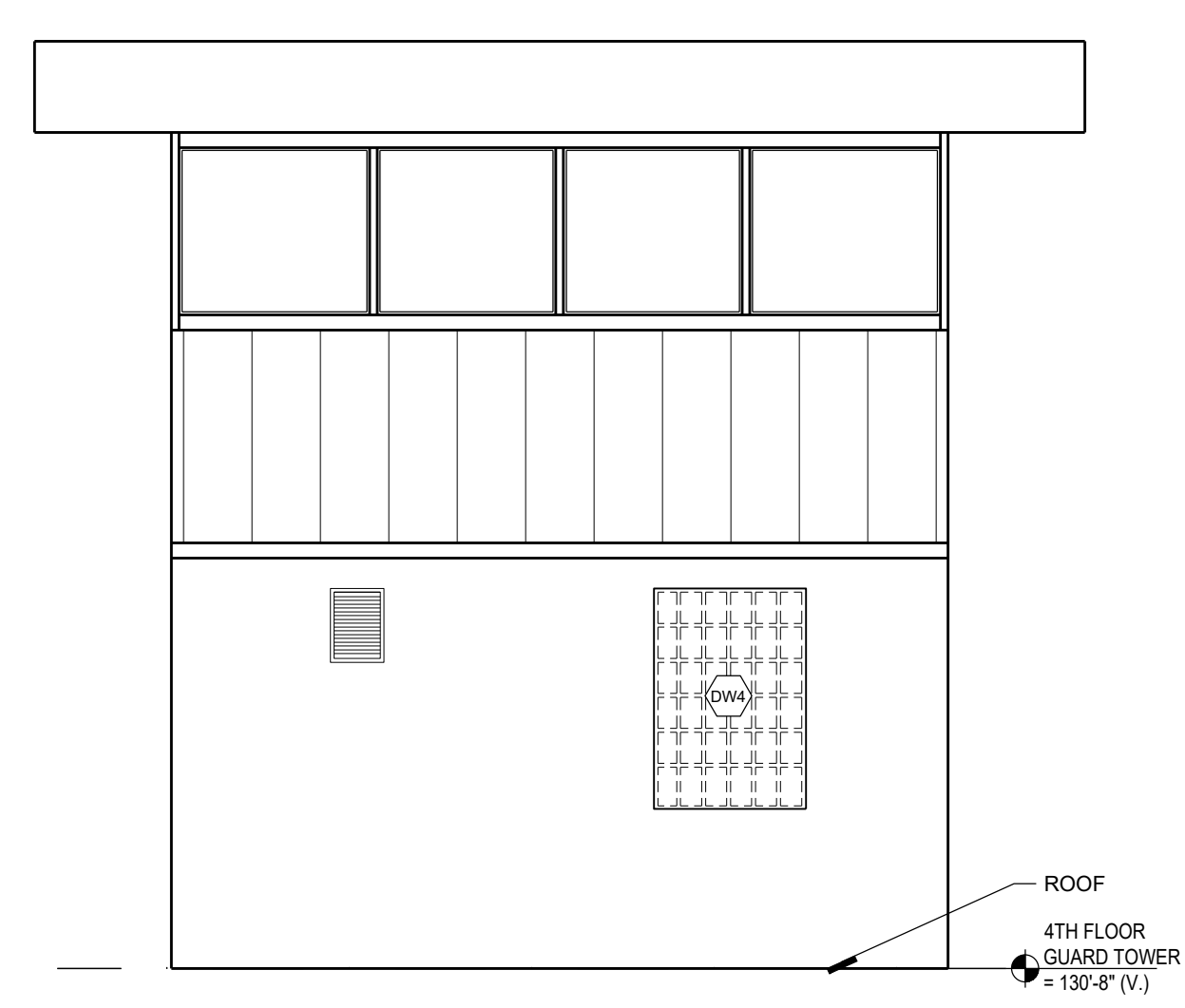
3 AD202 West Elevation - East Stairwell Demolition
1/8" = 1'-0"

1 AD202 South Elevation - Demolition
1/8" = 1'-0"

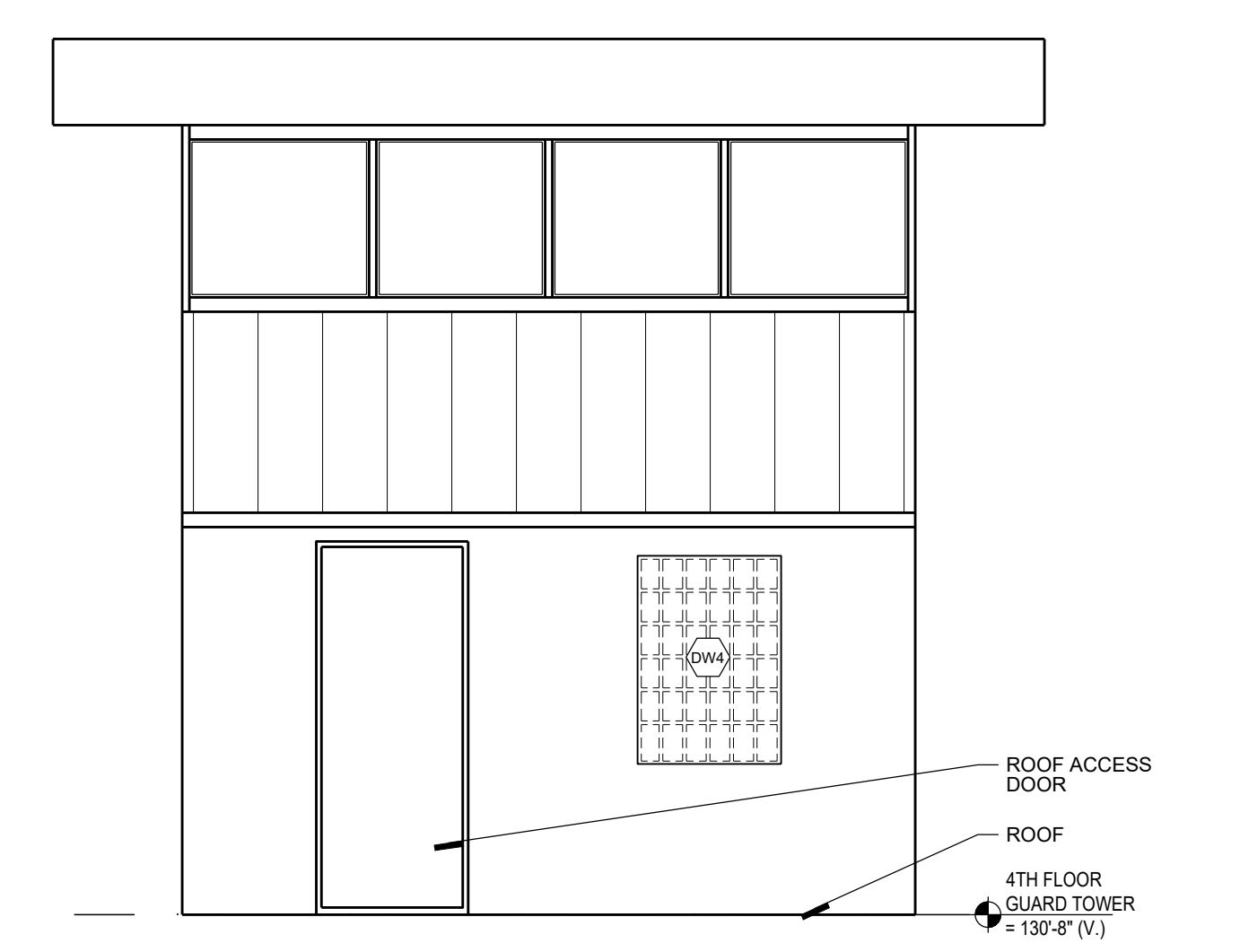
NOTE: CONTRACTOR MAY WORK OFF EXISTING ADJACENT ROOFS FOR WINDOW ACCESS BUT MUST PROTECT ROOFS WITH 1/2" PLYWOOD PROTECTION BOARDS AT ALL TIMES



4 AD202 South Elevation - East End Demolition
1/8" = 1'-0"



5 AD202 South Elevation - Guard Tower Demolition
1/8" = 1'-0"



6 AD202 North Elevation - Guard Tower Demolition
1/8" = 1'-0"



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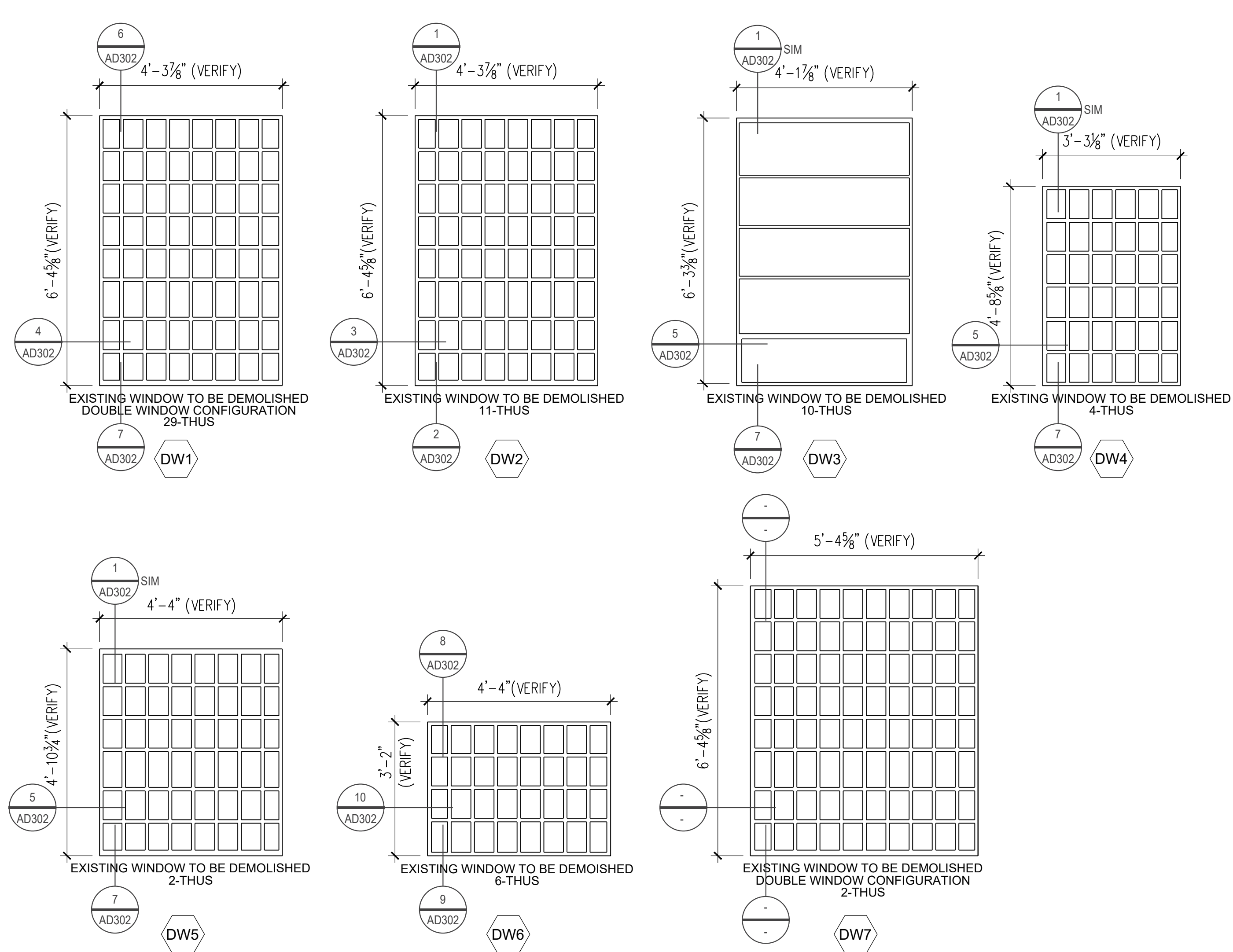
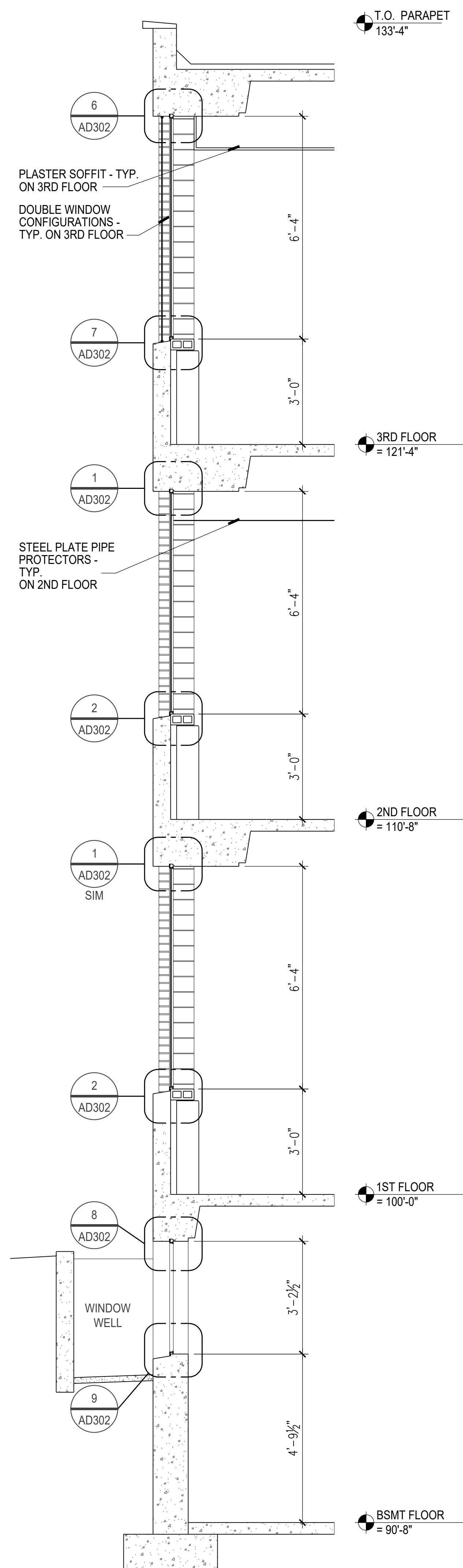
Exterior Demo Elevations

WINDOW REPLACEMENT

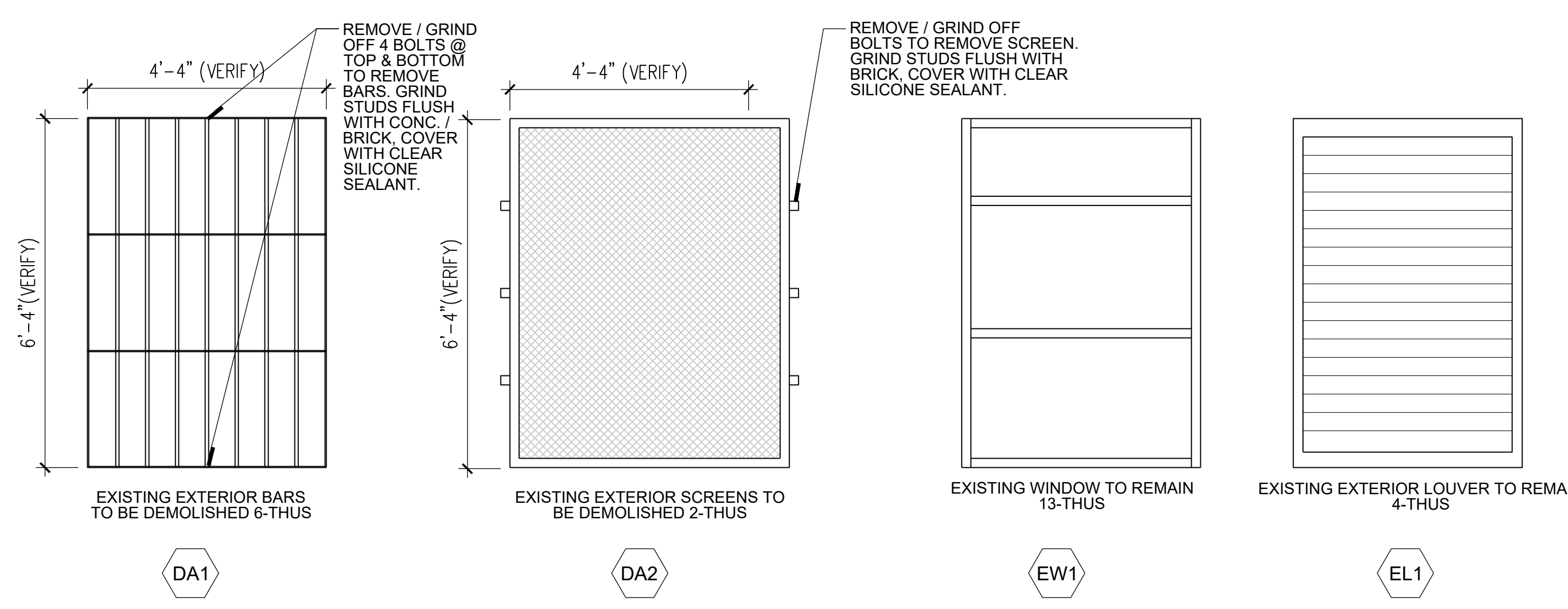
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2 AD301 Windows to be Demolished



3 AD301 Window Accessories to be Demolished

4 AD301 Items to Remain - Do Not Disturb

1 AD301 Existing Wall Section



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Demo Wall Section & Demo Window Types

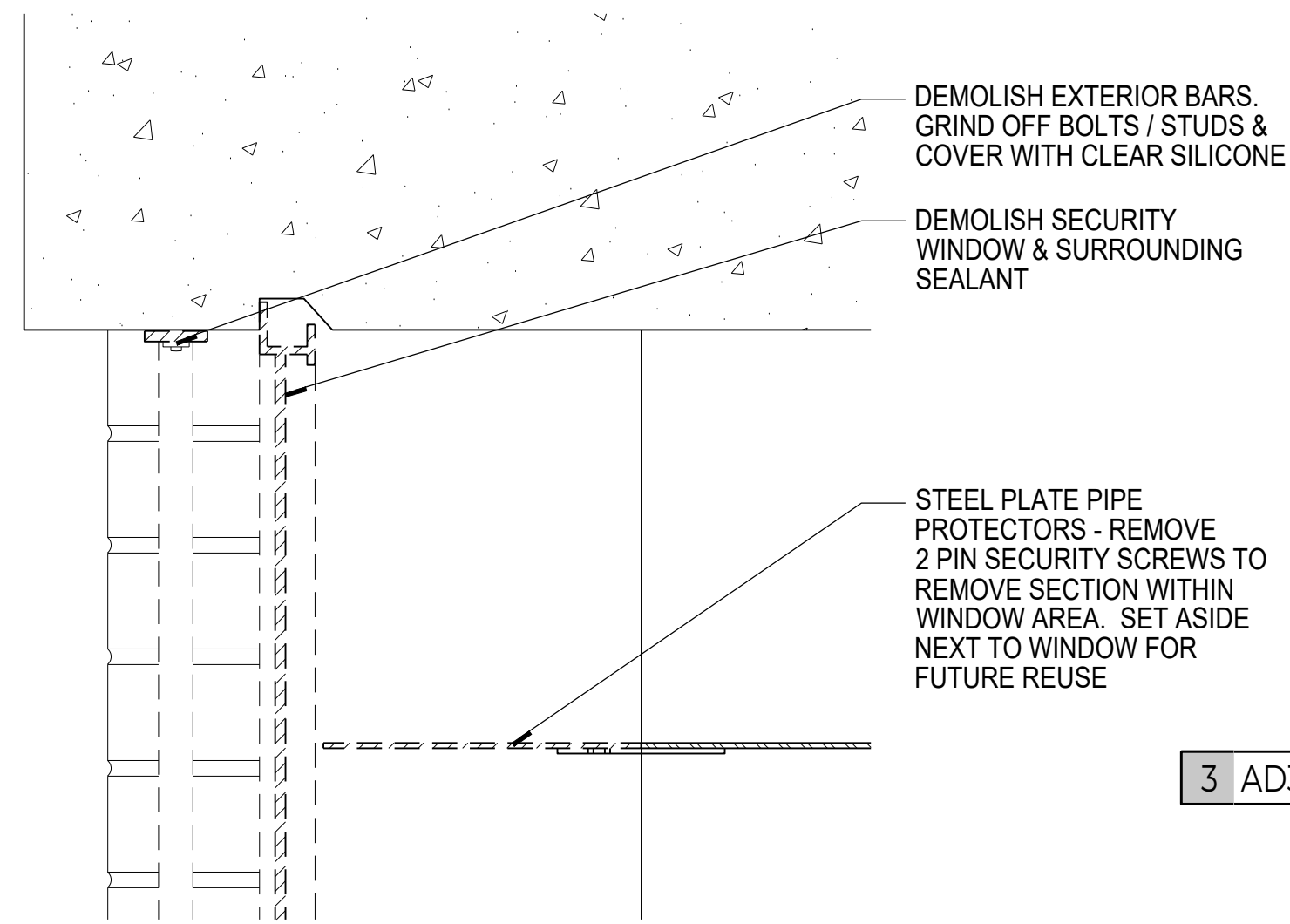
AD301

WINDOW REPLACEMENT

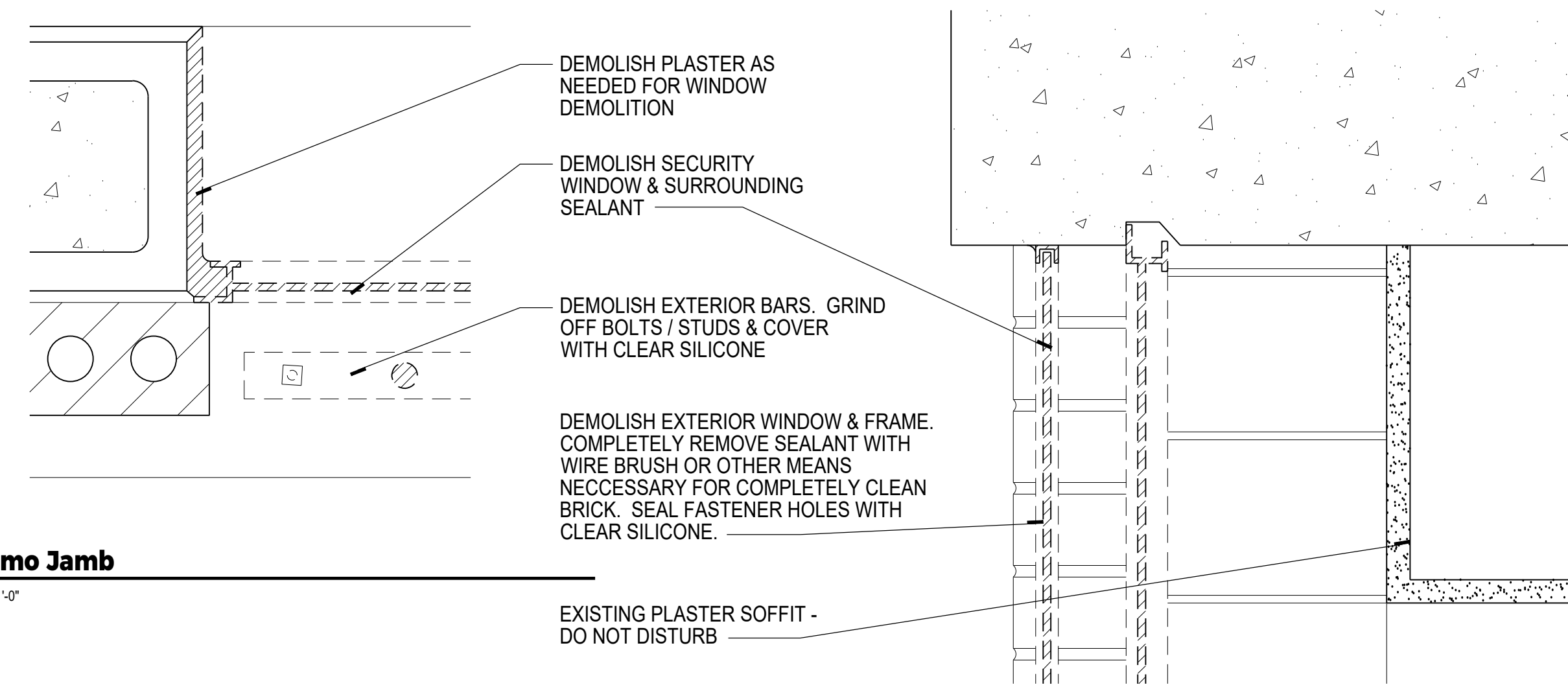
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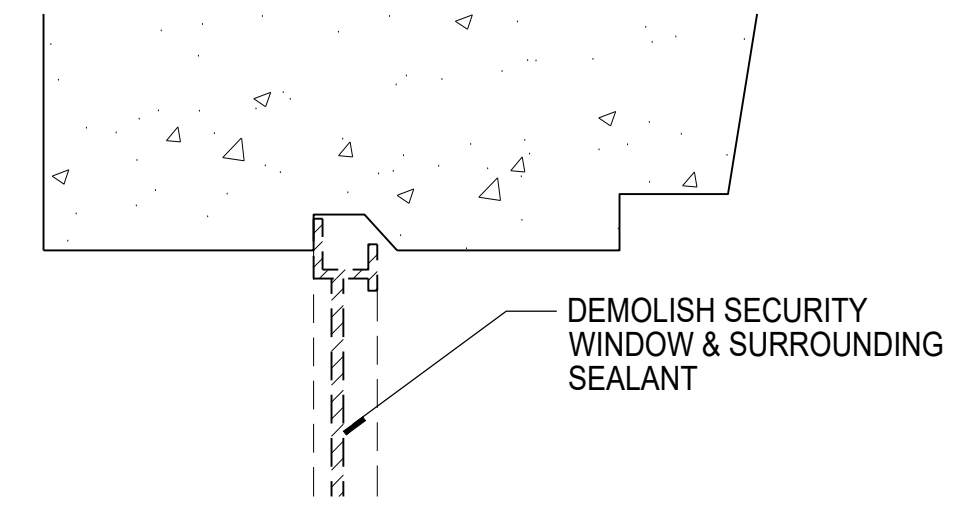
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3 AD302 **Demo Jamb**
3" = 1'-0"

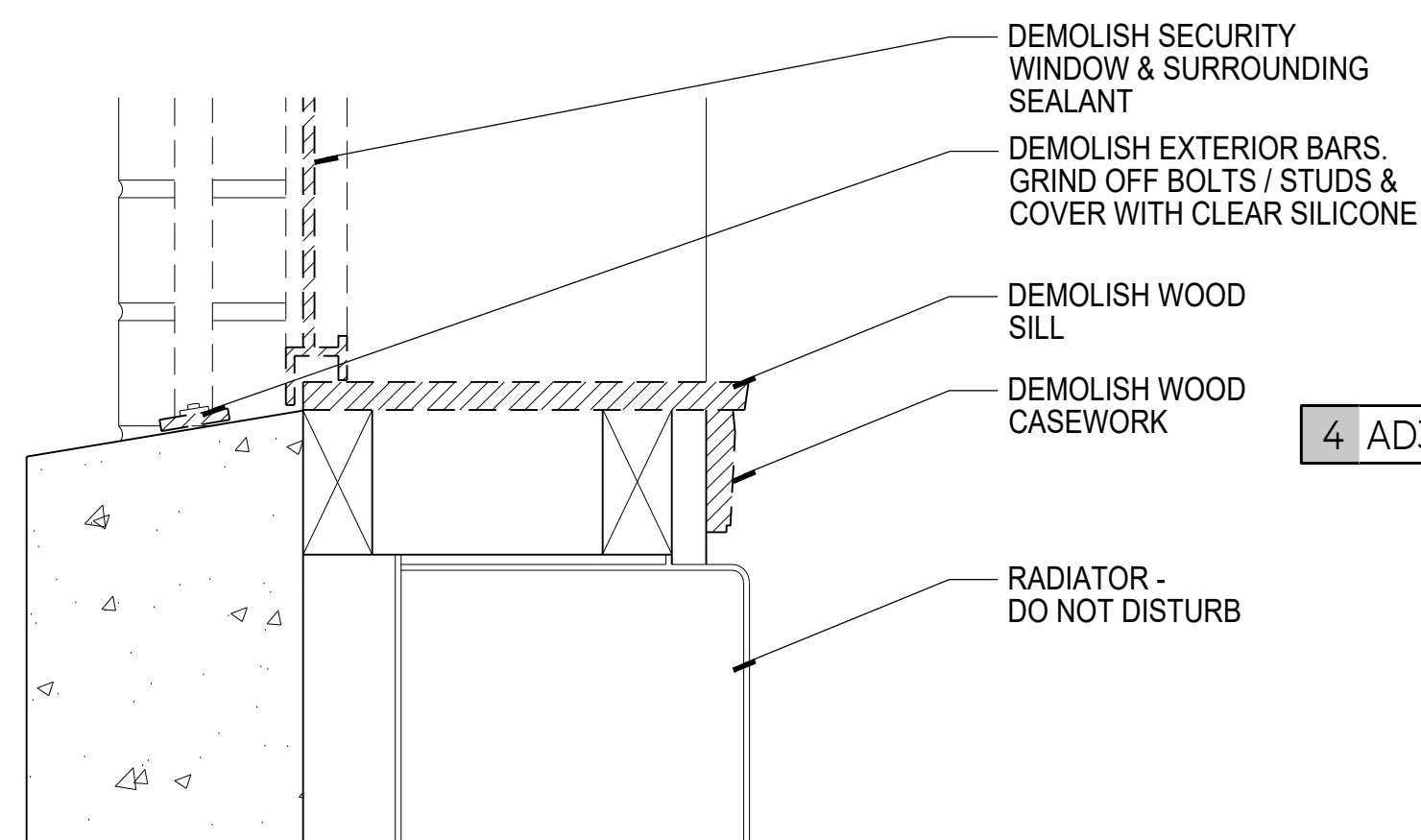


8 AD302 **Demo Head**
3" = 1'-0"

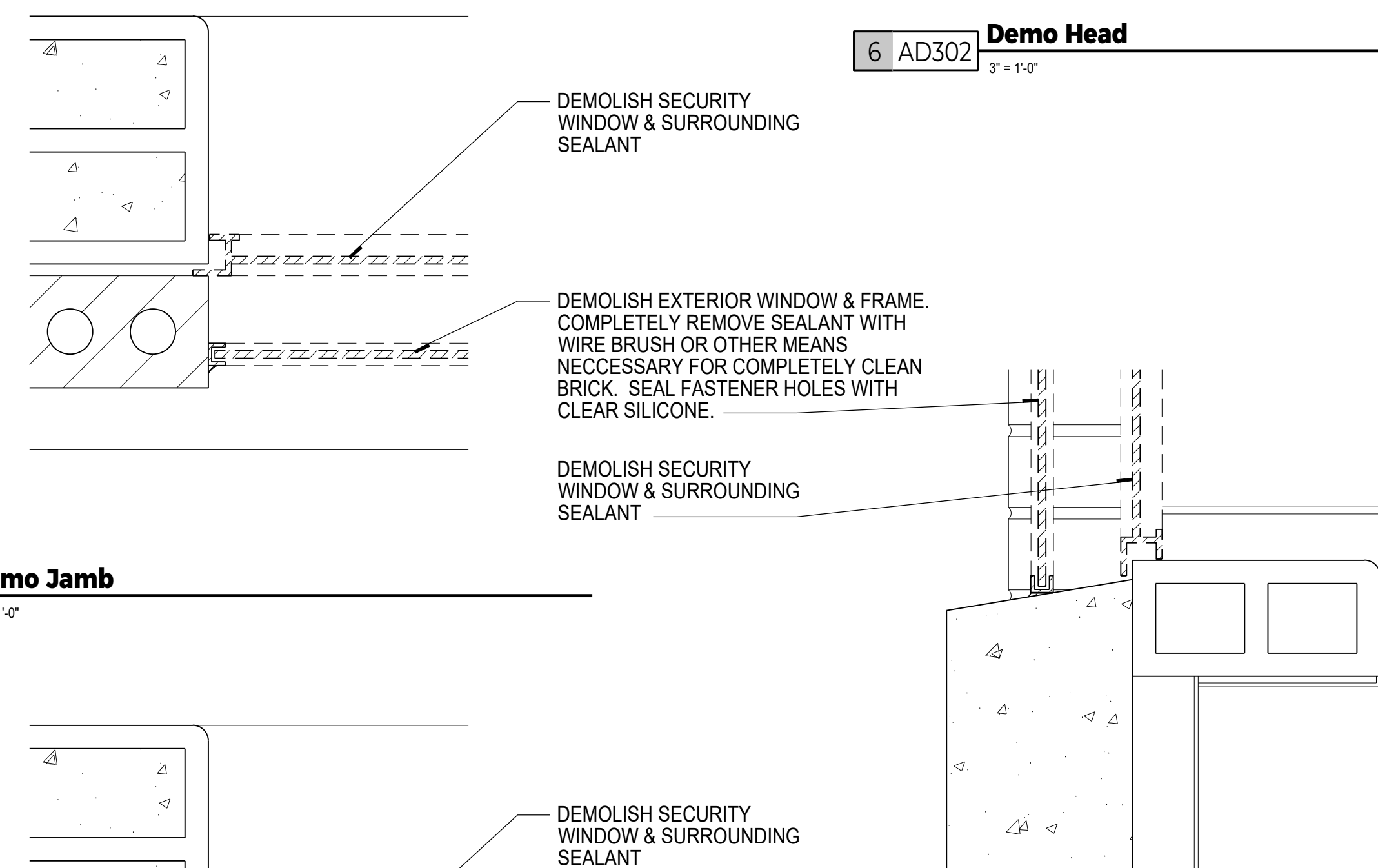


1 AD302 **Demo Head**
3" = 1'-0"

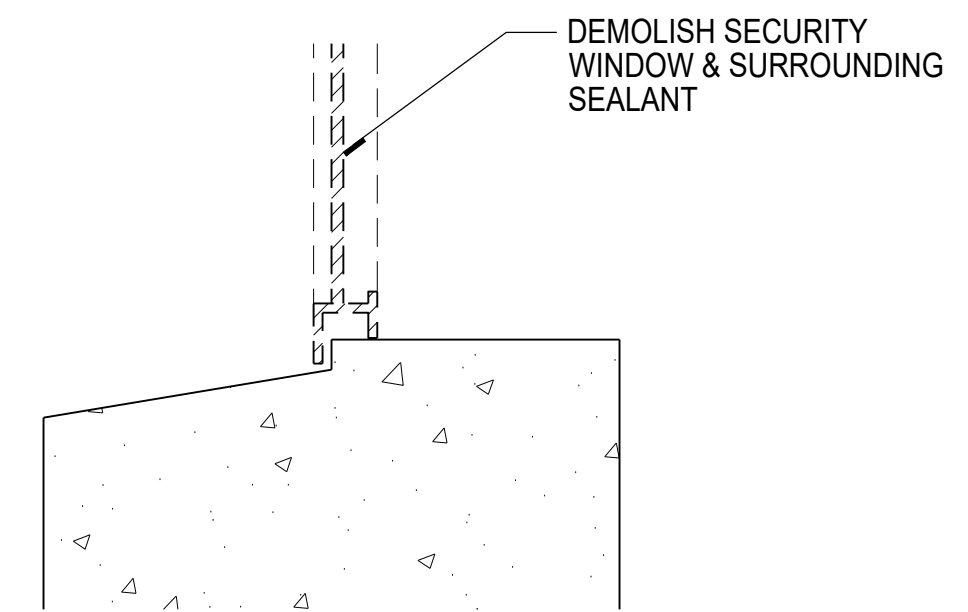
6 AD302 **Demo Head**
3" = 1'-0"



4 AD302 **Demo Jamb**
3" = 1'-0"

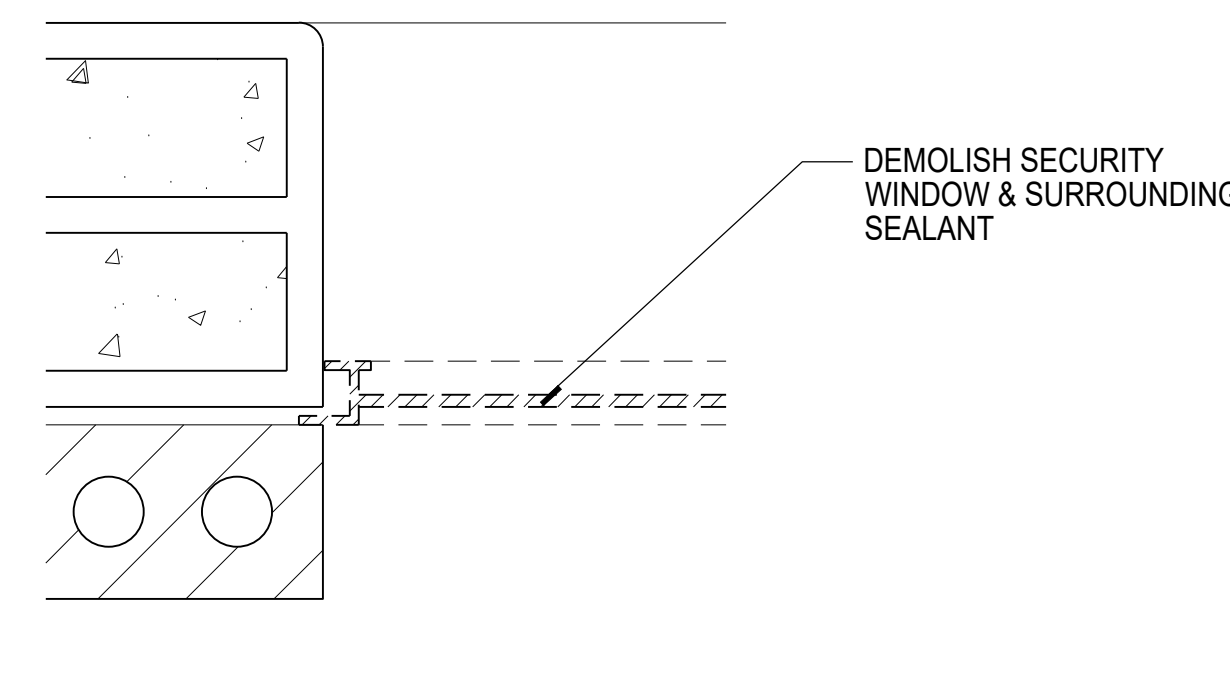


9 AD302 **Demo Sill**
3" = 1'-0"



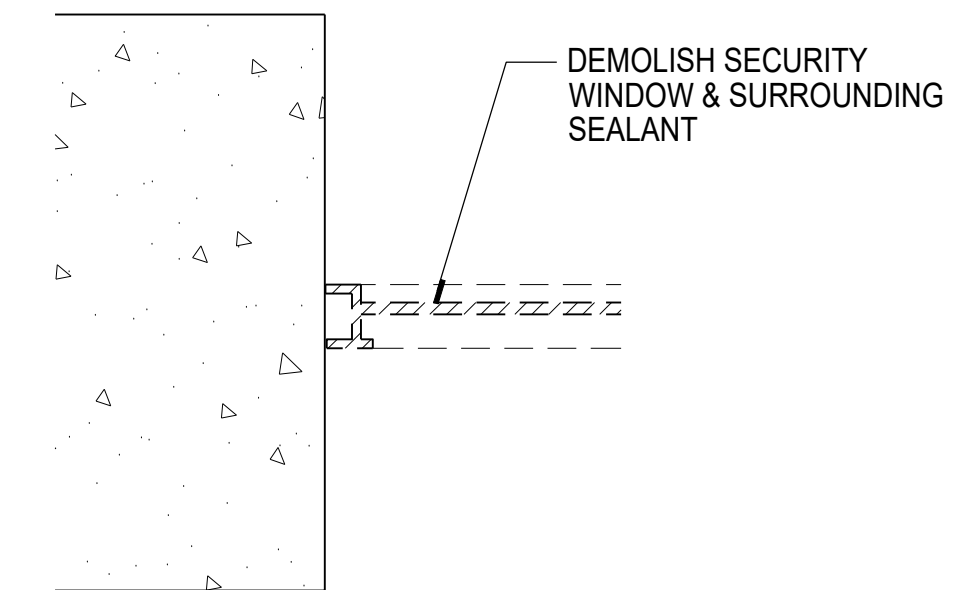
2 AD302 **Demo Sill**
3" = 1'-0"

5 AD302 **Demo Jamb**
3" = 1'-0"



7 AD302 **Demo Sill**
3" = 1'-0"

10 AD302 **Demo Jamb**
3" = 1'-0"

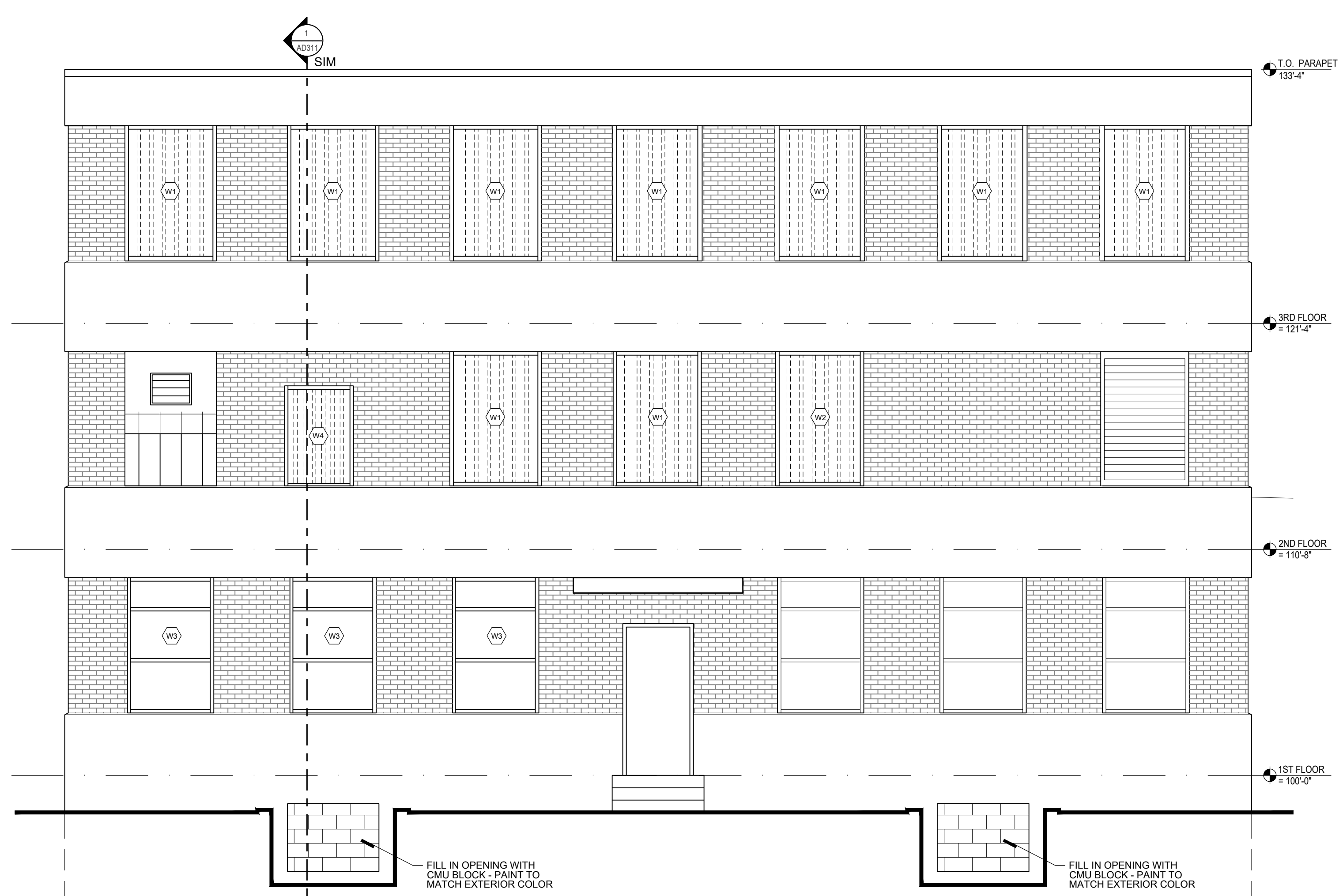


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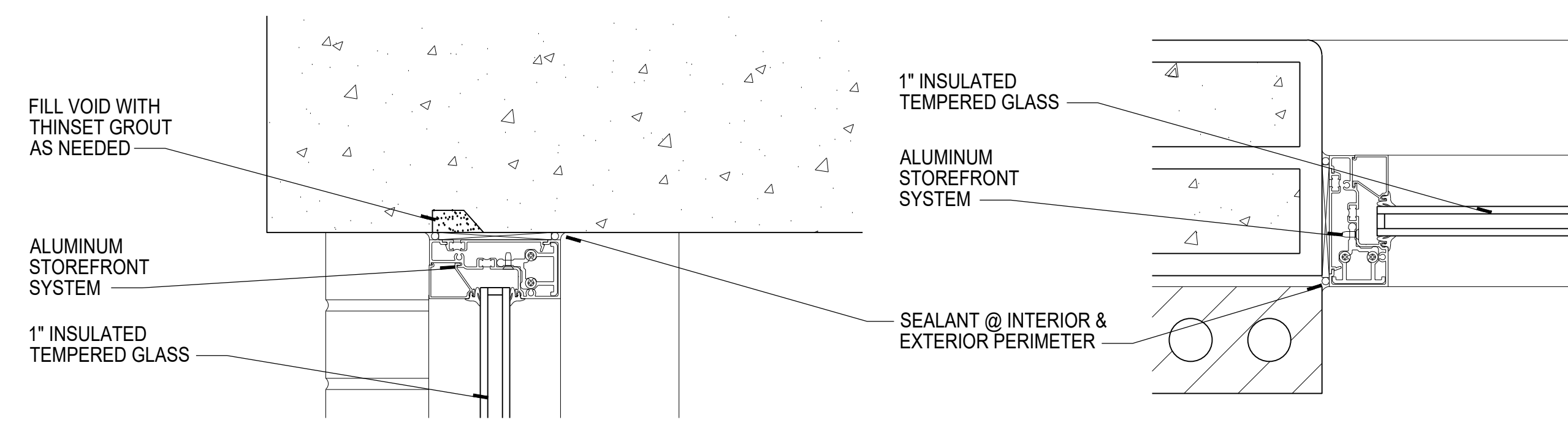
NO.	DESCRIPTION	DATE
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Demo Window Details

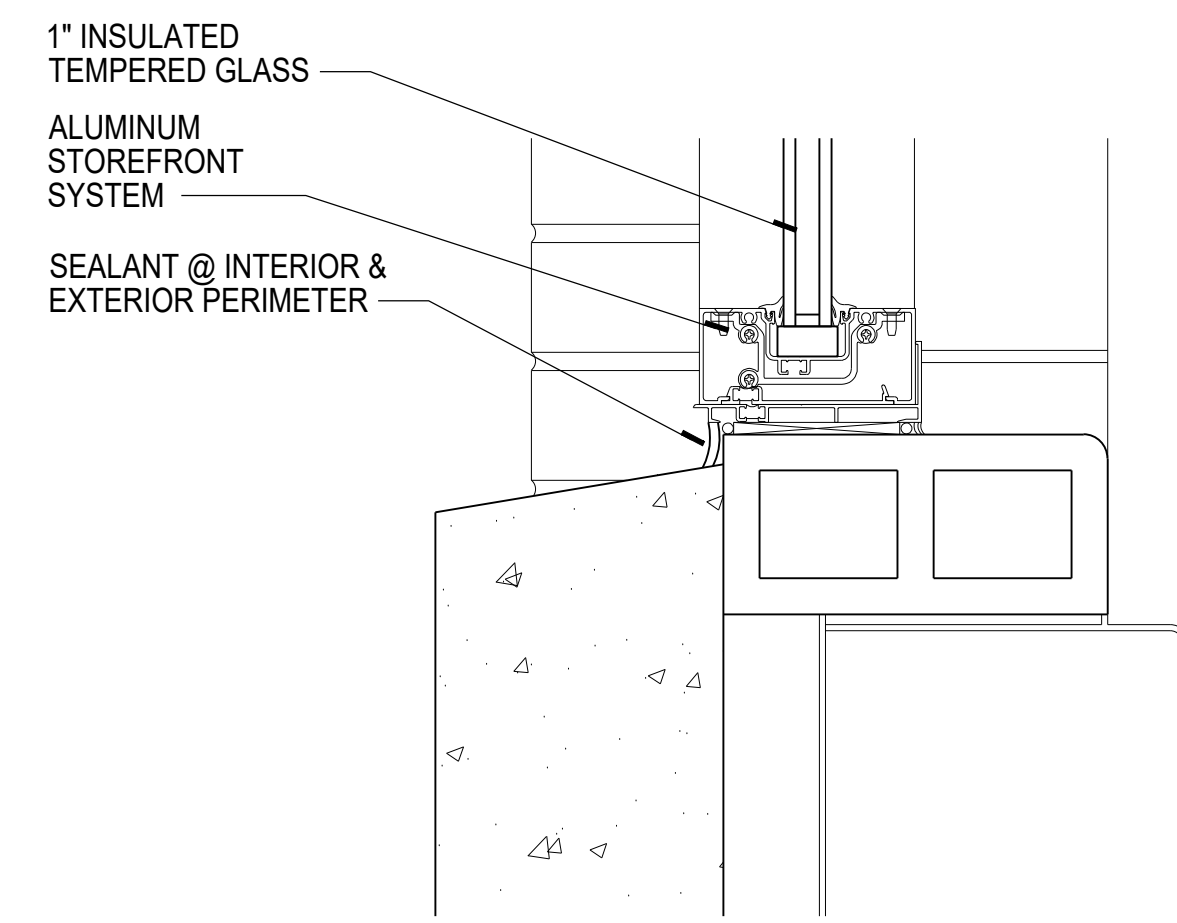


1 A201 North Elevation - New
1/8" = 1'-0"

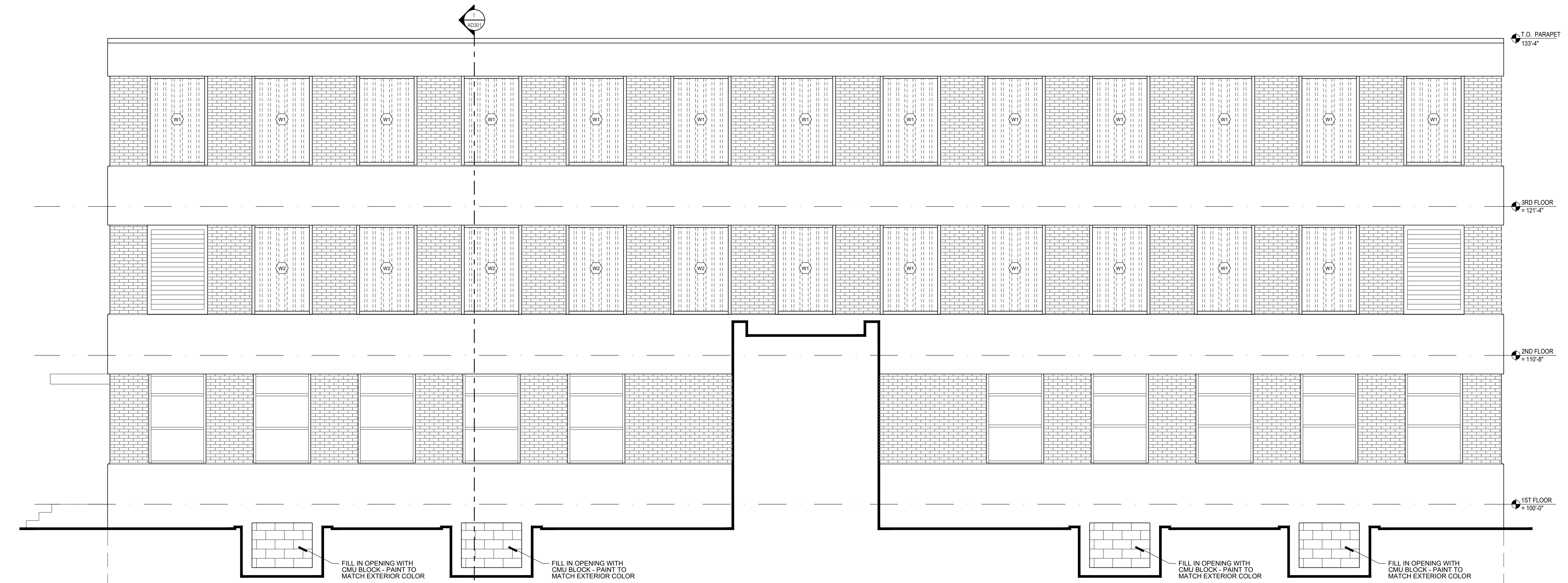


3 A201 New Head
3/8" = 1'-0"

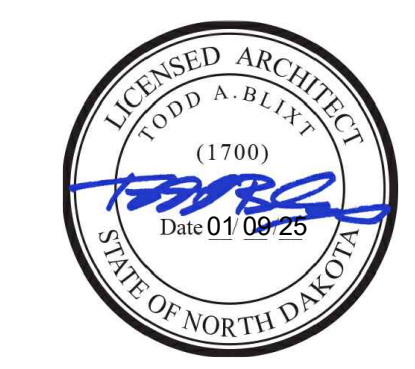
5 A201 New Jamb
3/8" = 1'-0"



4 A201 New Sill
3/8" = 1'-0"



2 A201 West Elevation - New
1/8" = 1'-0"



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New Exterior Elevations / Details

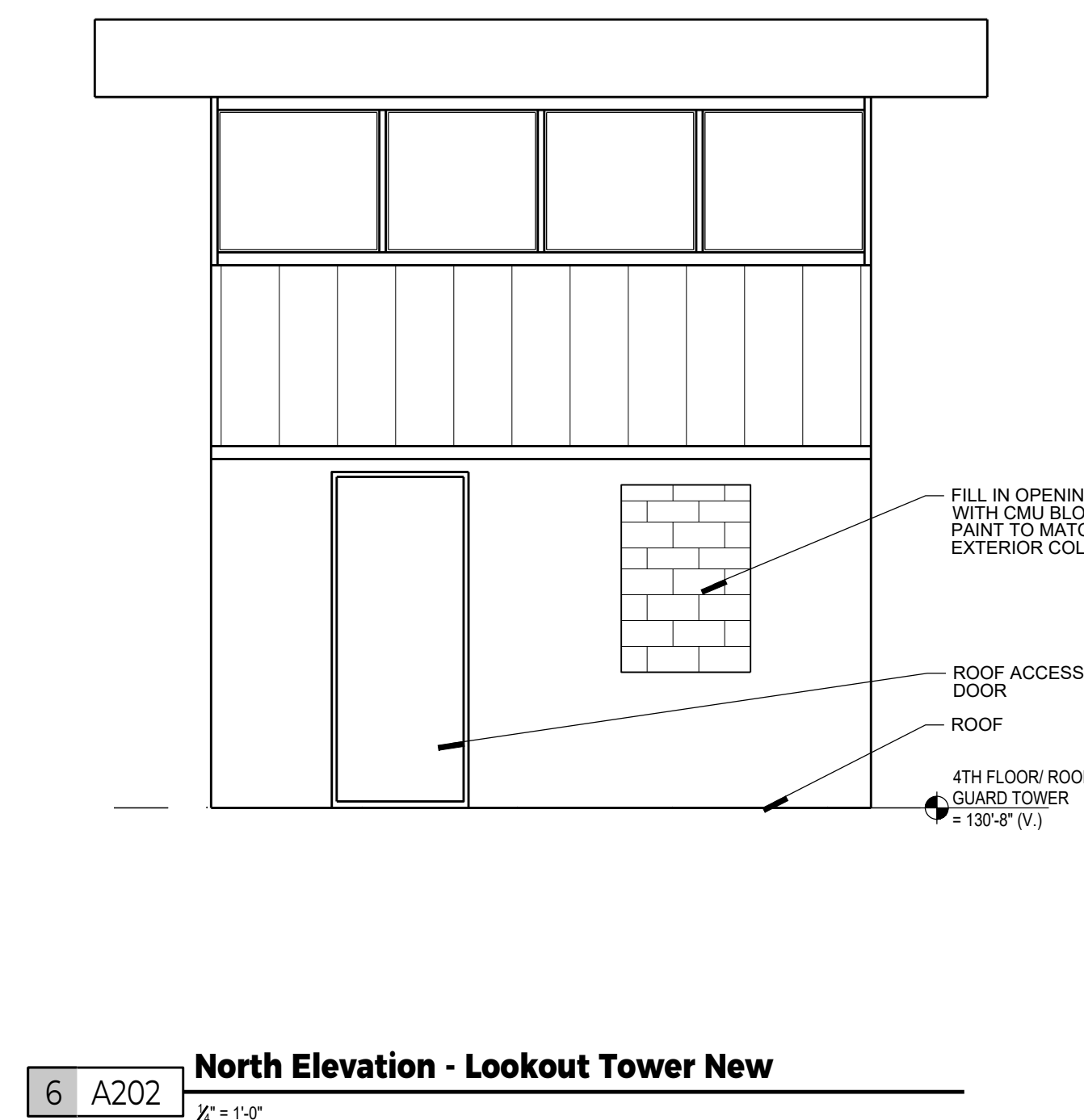
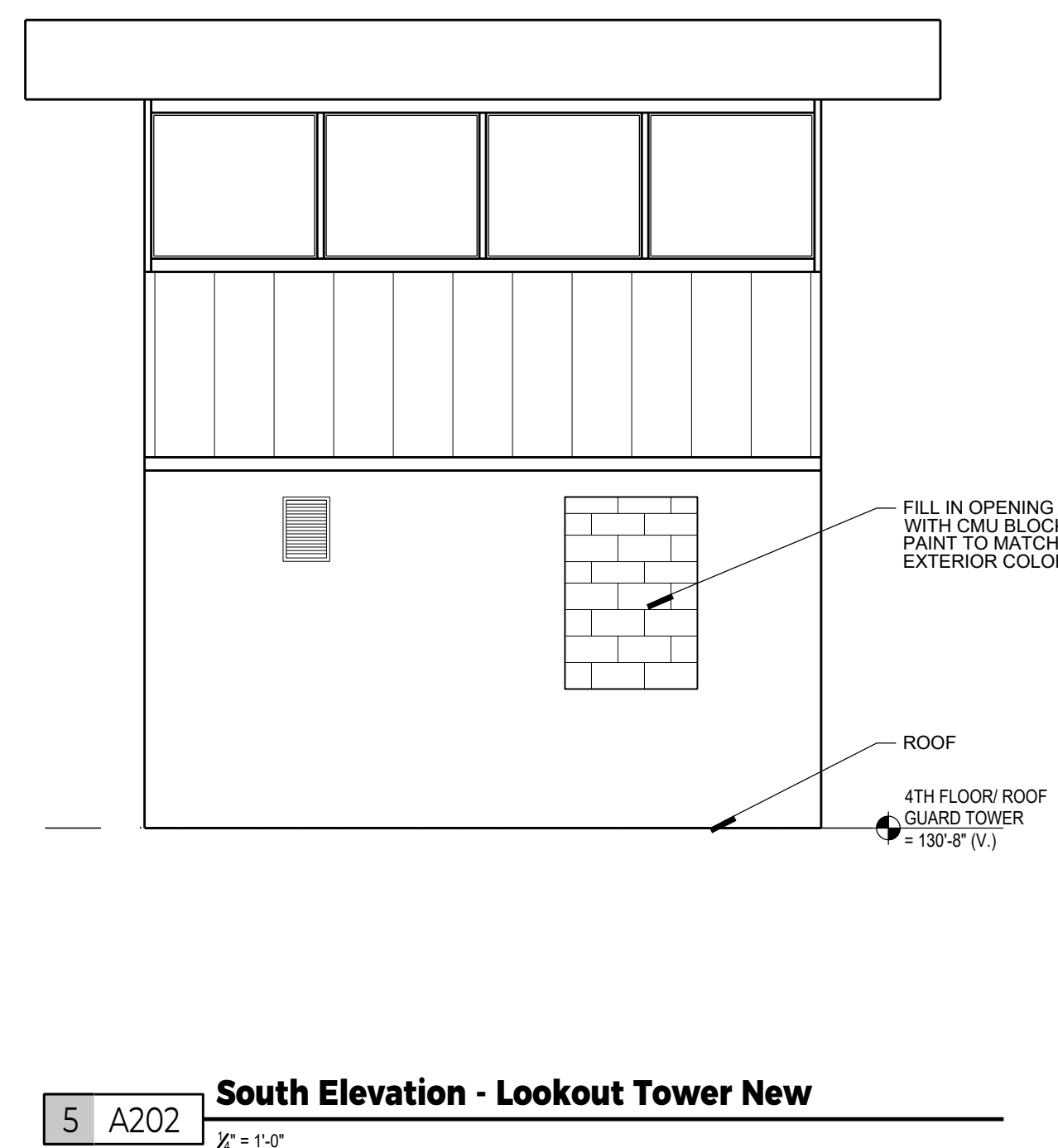
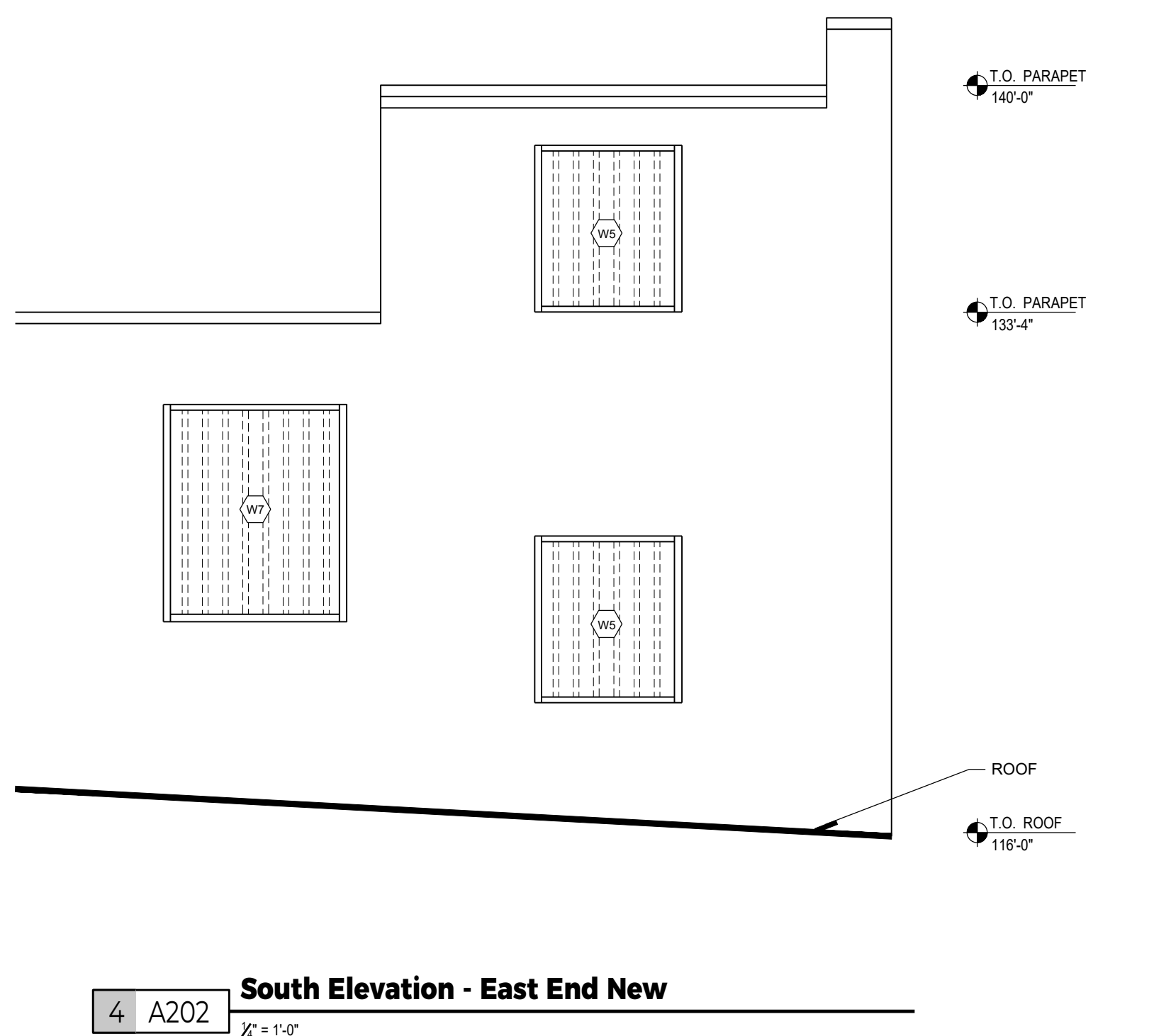
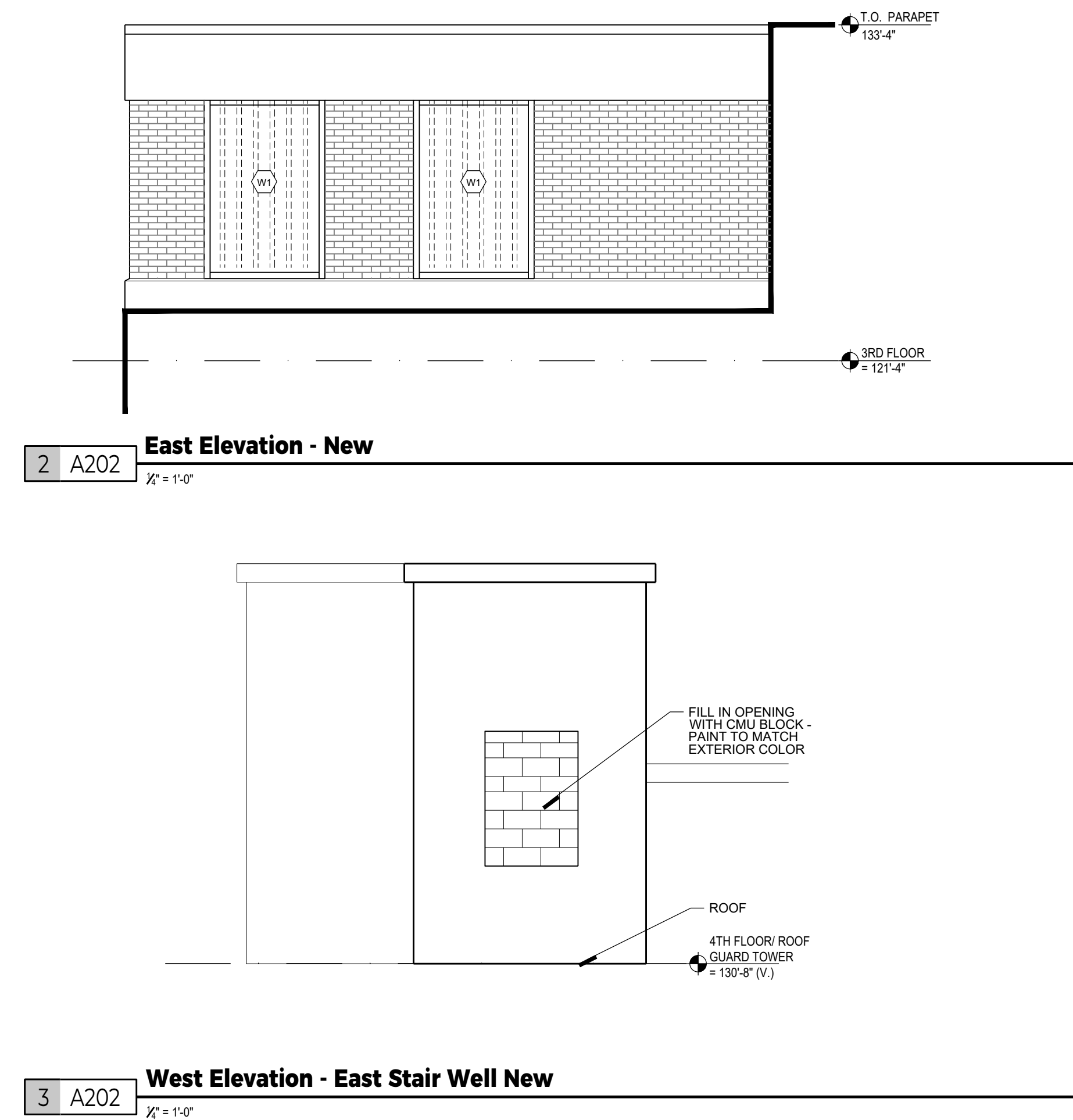
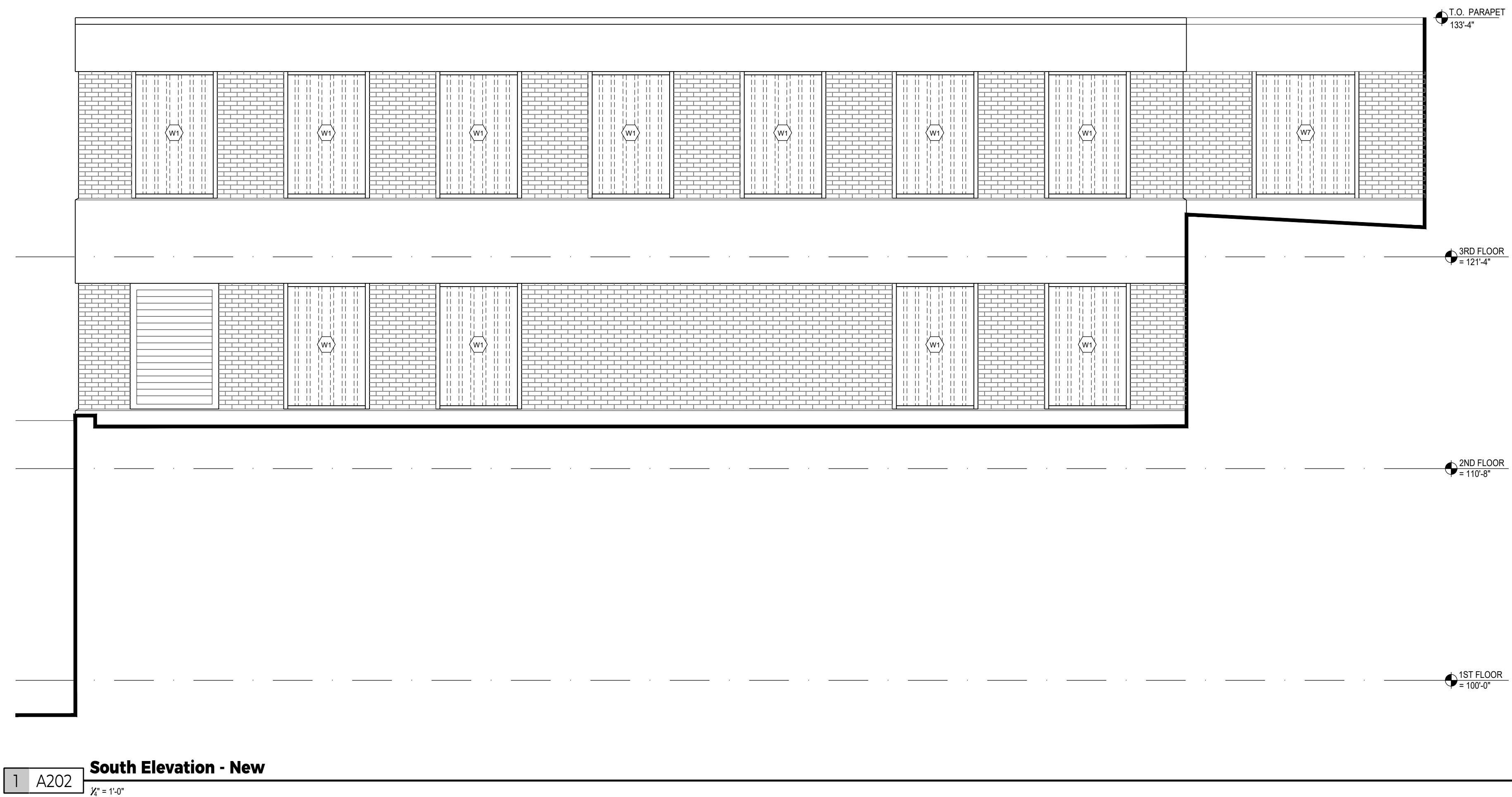
SHEET
A201

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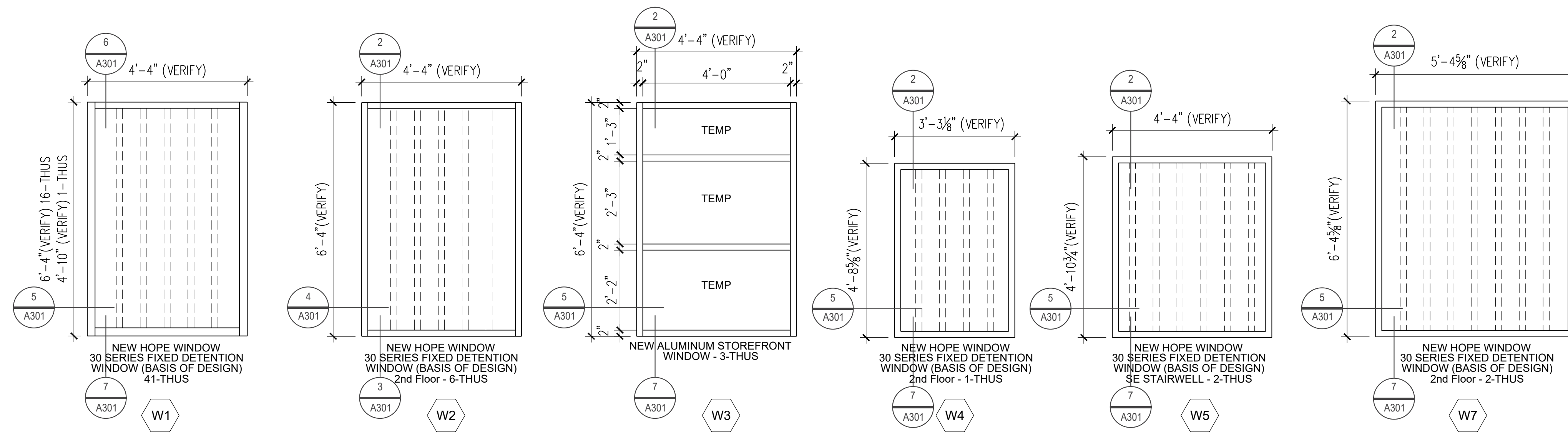


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New Exterior Elevations



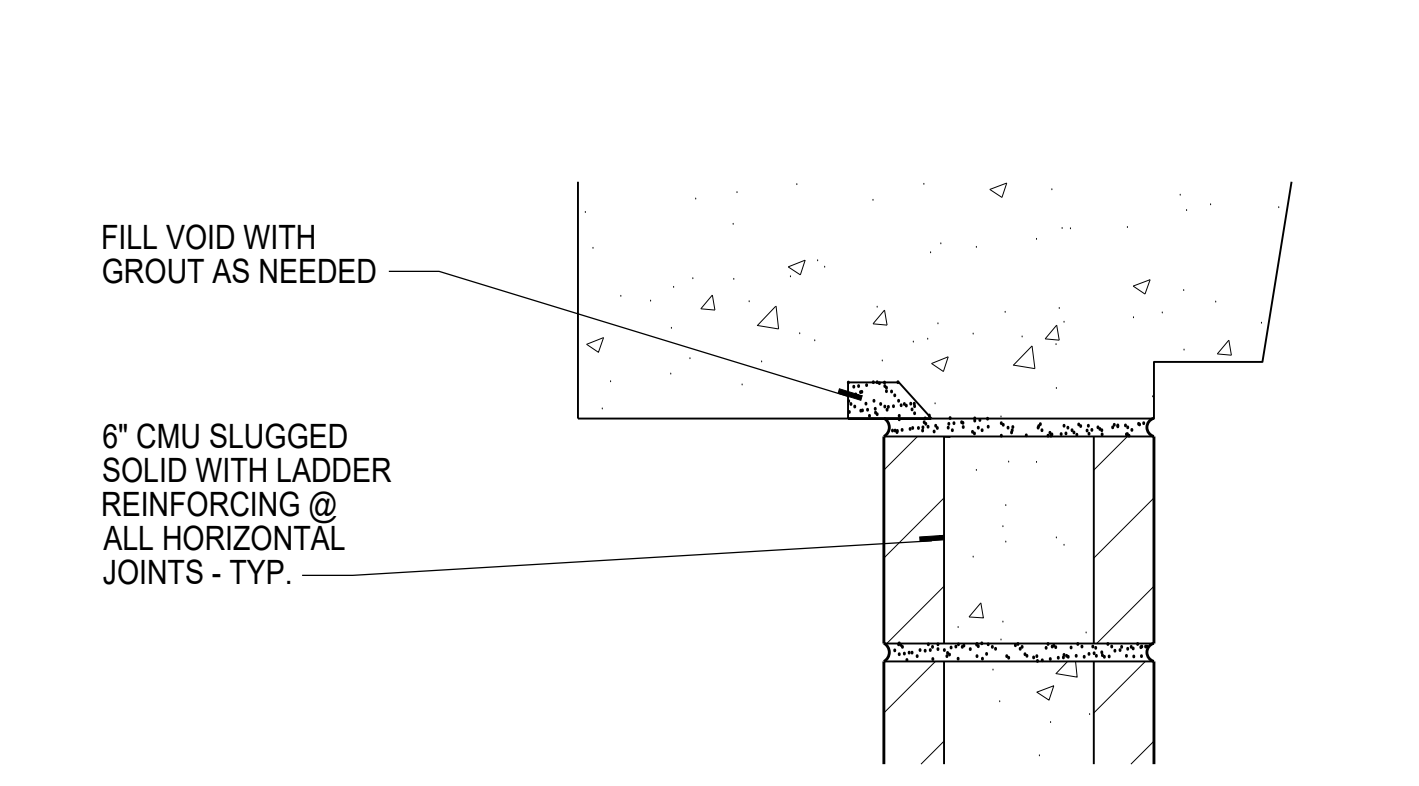
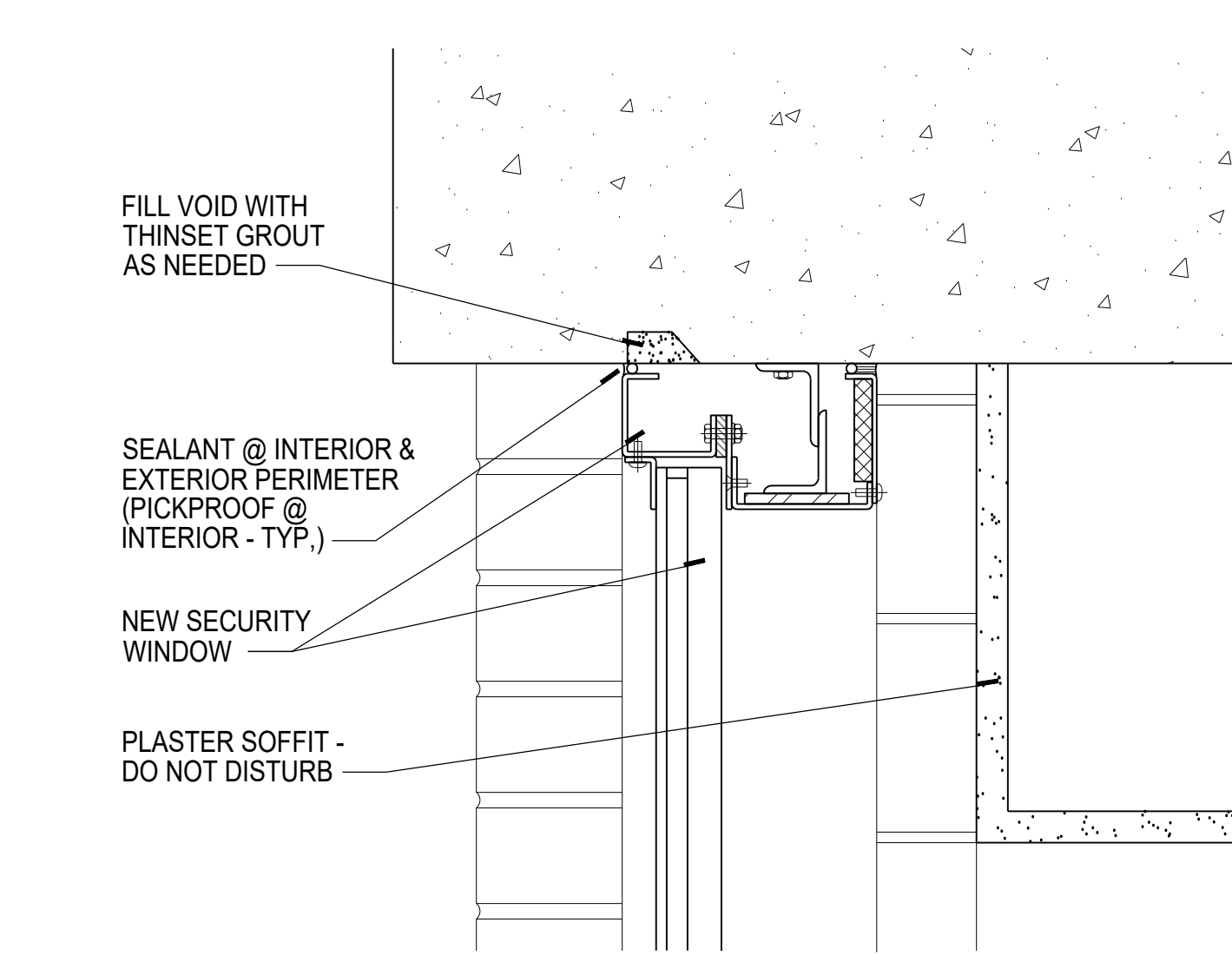
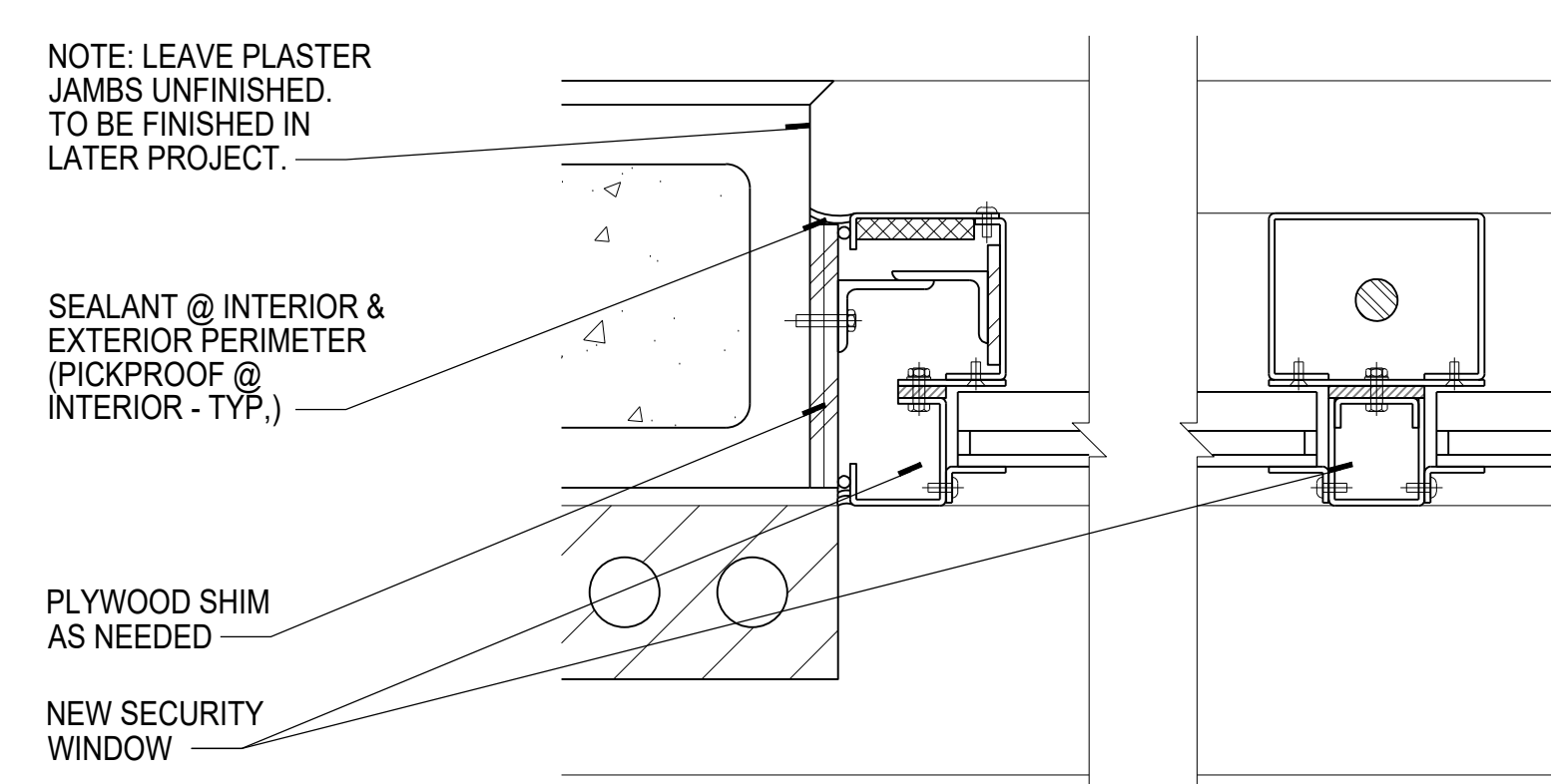
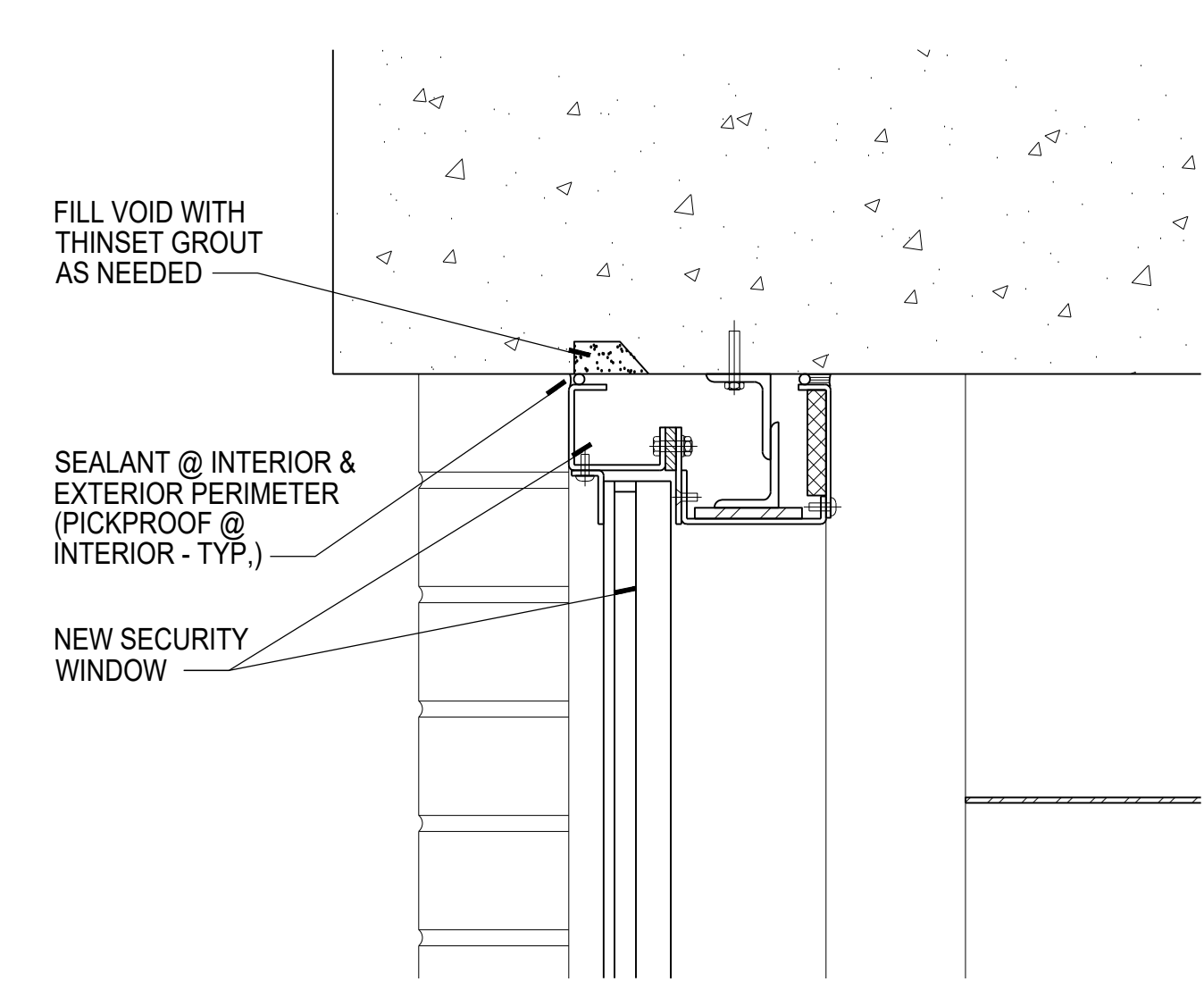
General Notes:

- o Aluminum storefront windows to be Kawneer 451 T or similar w/ clear anodized finish and 1" insulated tempered glazing.
- o Security windows to be Hopes SSTB30 fixed thermal break detention window w/ silver exterior finish or similar with McCrory Glass 1 3/8" insulated glass unit w/ 1/4" SB60 clear TP #2, 1/2" airspace, AttackDefend 40-WD30 full flood interlayer or similar.

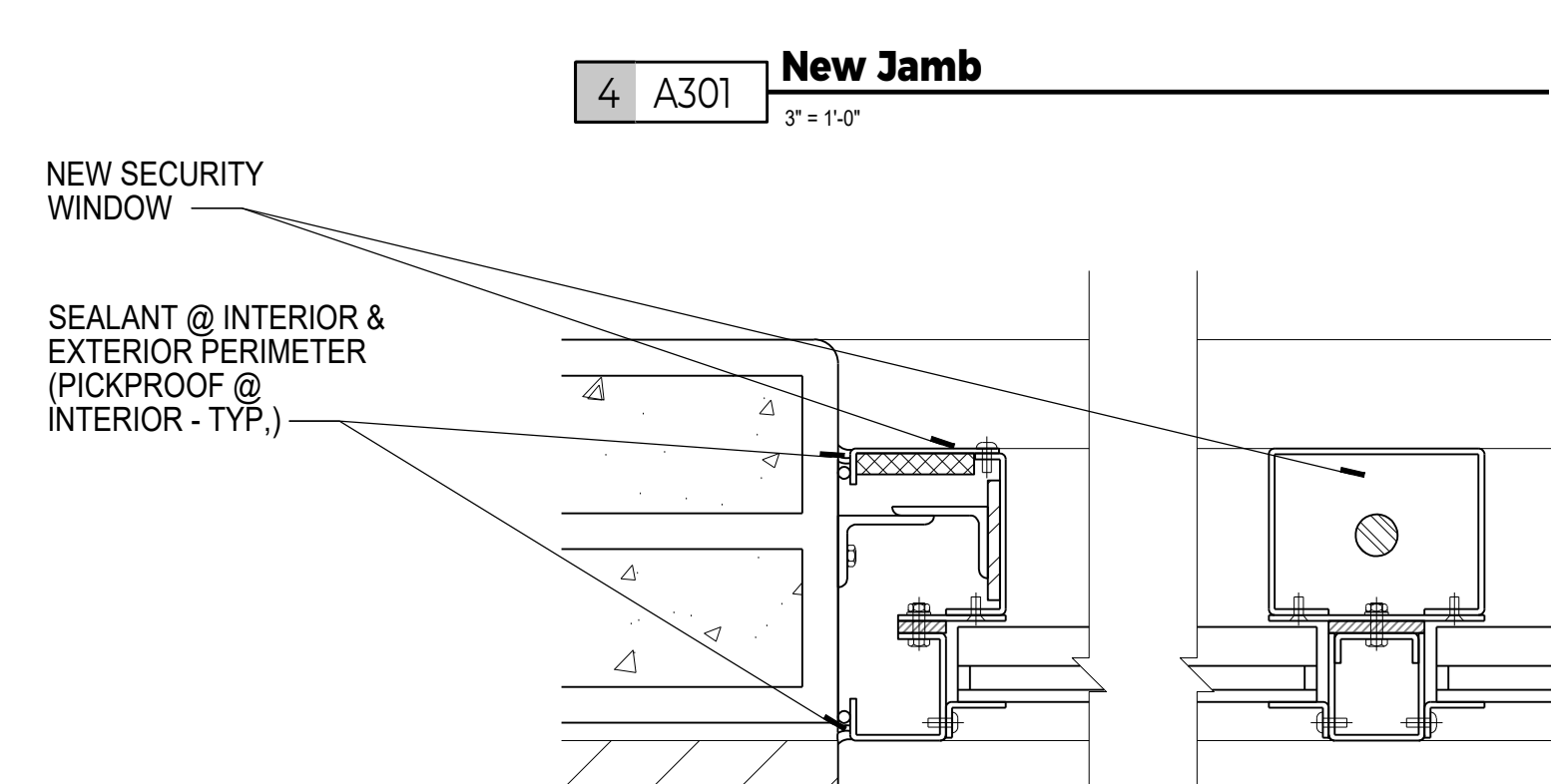
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1 A301
3" = 1'-0"

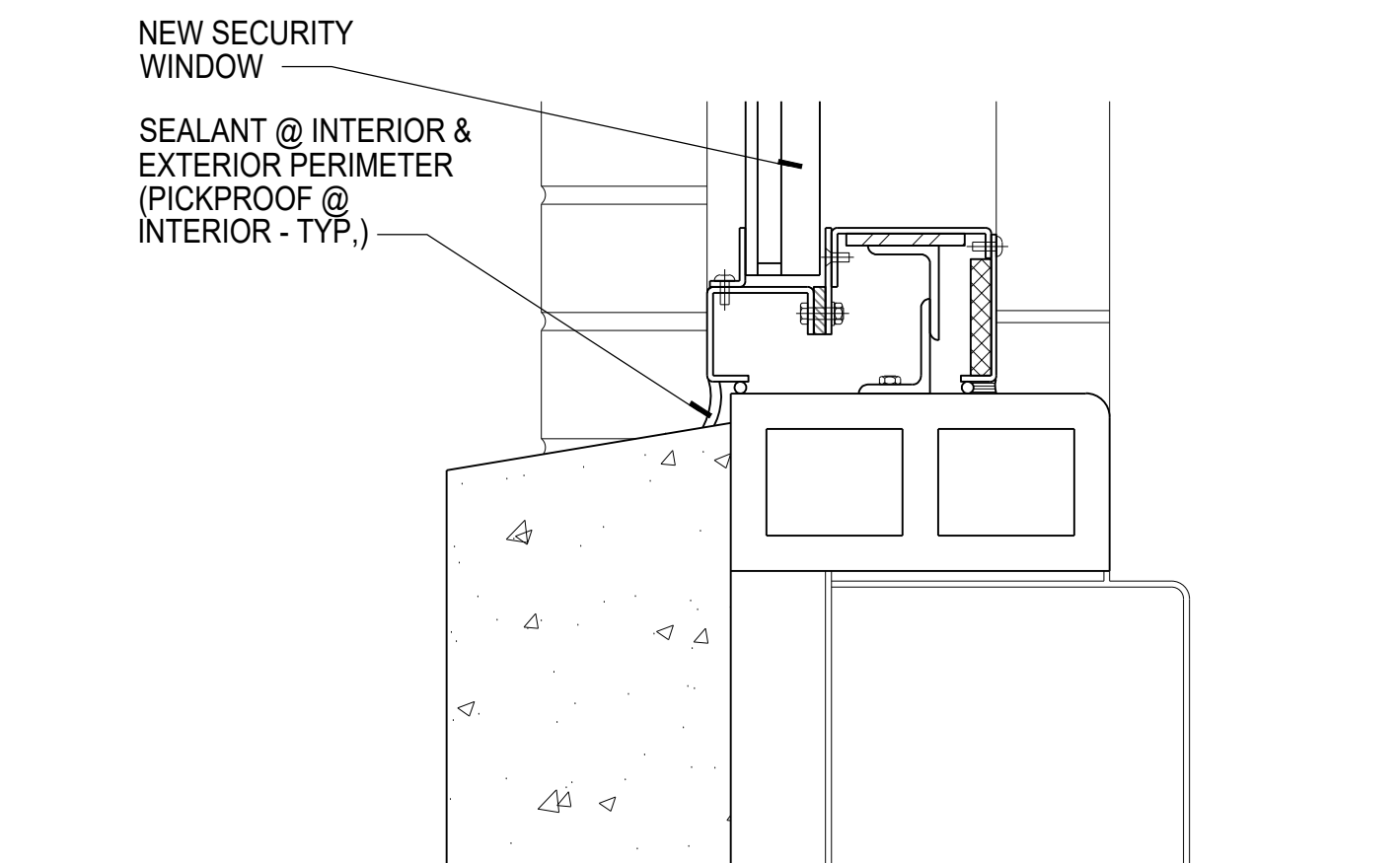
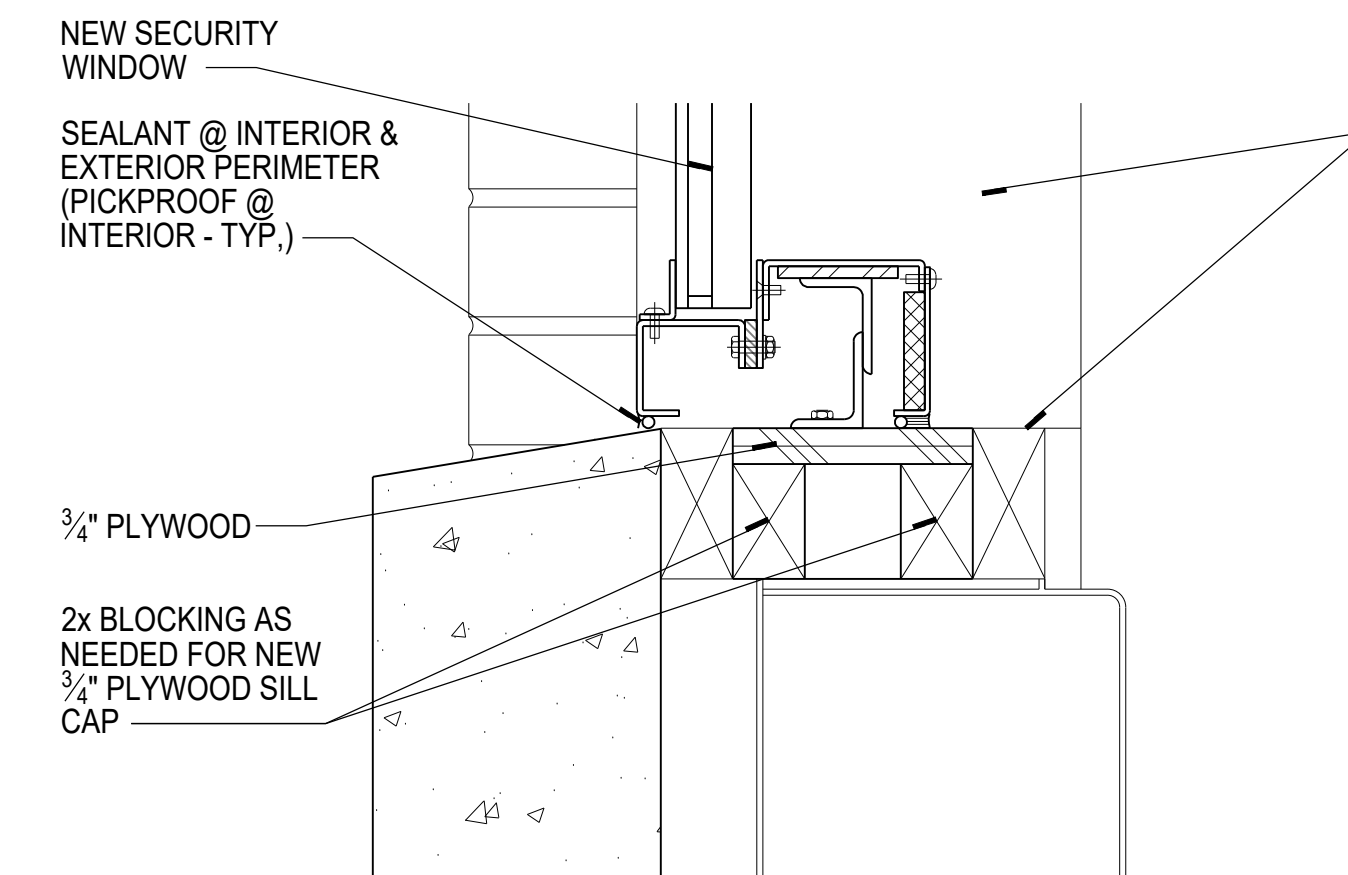
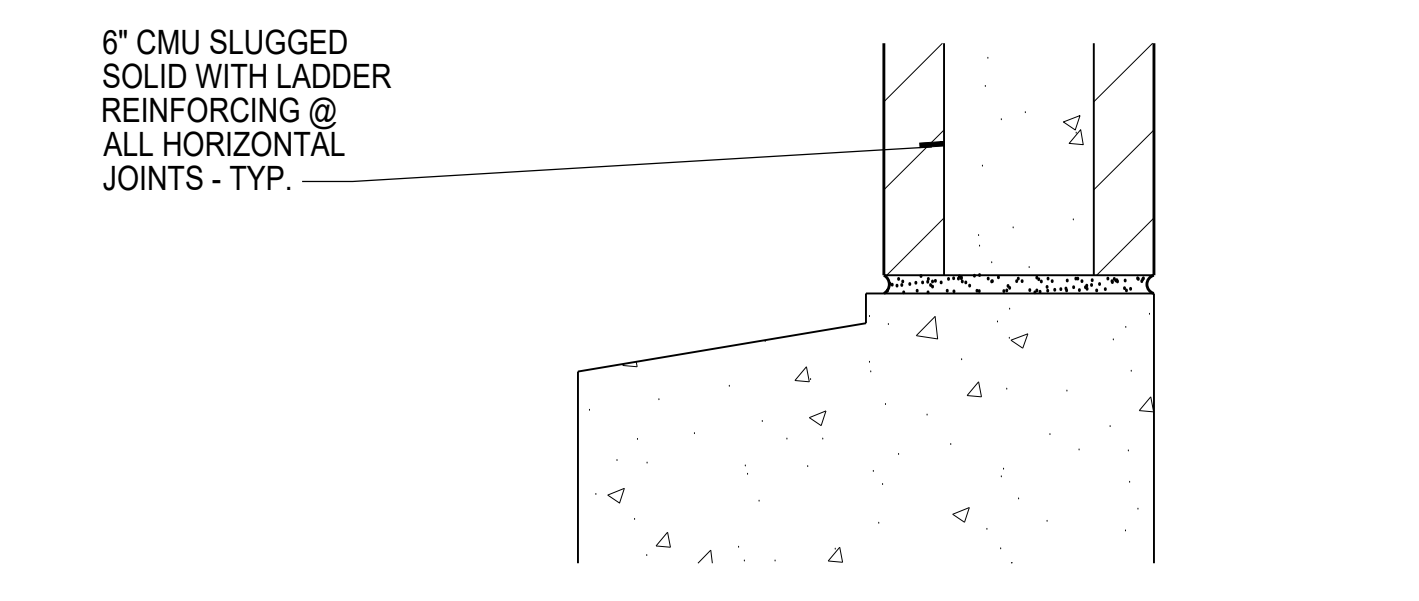


2 A301
3" = 1'-0"



6 A301
3" = 1'-0"

8 A301
3" = 1'-0"



9 A301
3" = 1'-0"

3 A301
3" = 1'-0"

7 A301
3" = 1'-0"

10 A301
3" = 1'-0"

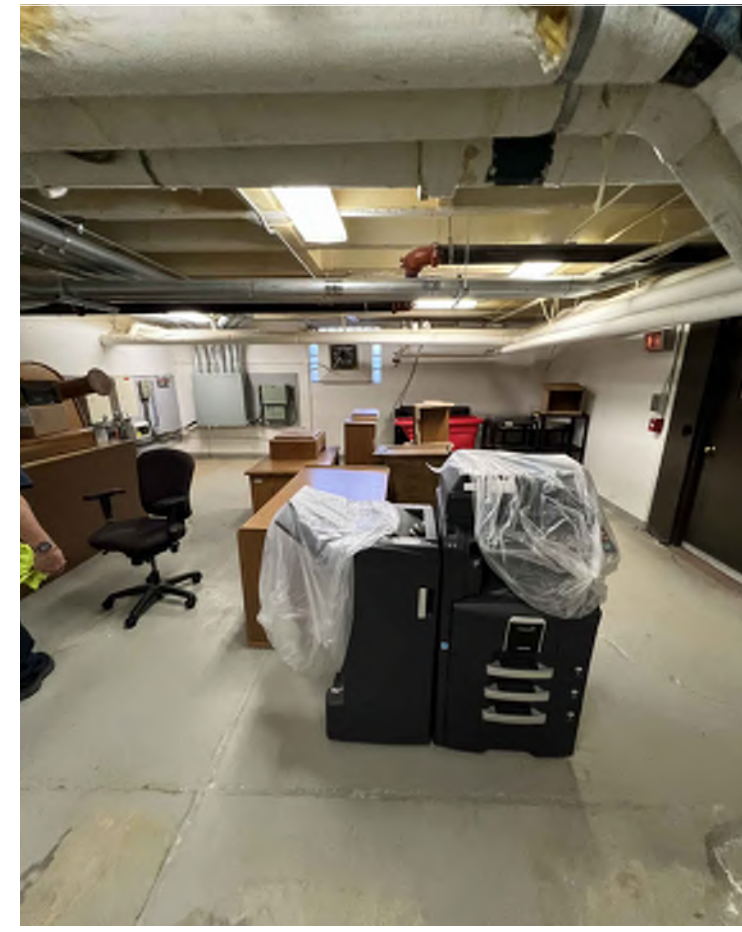


DRAWING HISTORY

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New Windows & Details



1 A900 Existing Photo
NTS



2 A900 Existing Photo
NTS



3 A900 Existing Photo
NTS



4 A900 Existing Photo
NTS



5 A900 Existing Photo
NTS



6 A900 Existing Photo
NTS



7 A900 Existing Photo
NTS



8 A900 Existing Photo
NTS



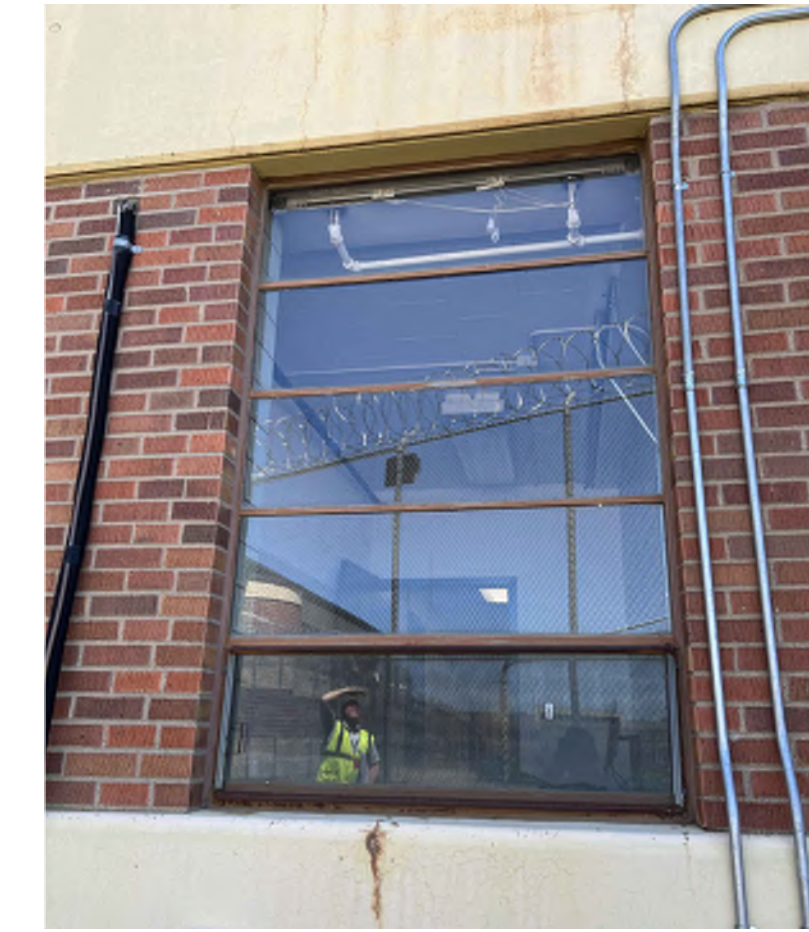
9 A900 Existing Photo
NTS



10 A900 Existing Photo
NTS



11 A900 Existing Photo
NTS



12 A900 Existing Photo
NTS



13 A900 Existing Photo
NTS



14 A900 Existing Photo
NTS



15 A900 Existing Photo
NTS



16 A900 Existing Photo
NTS

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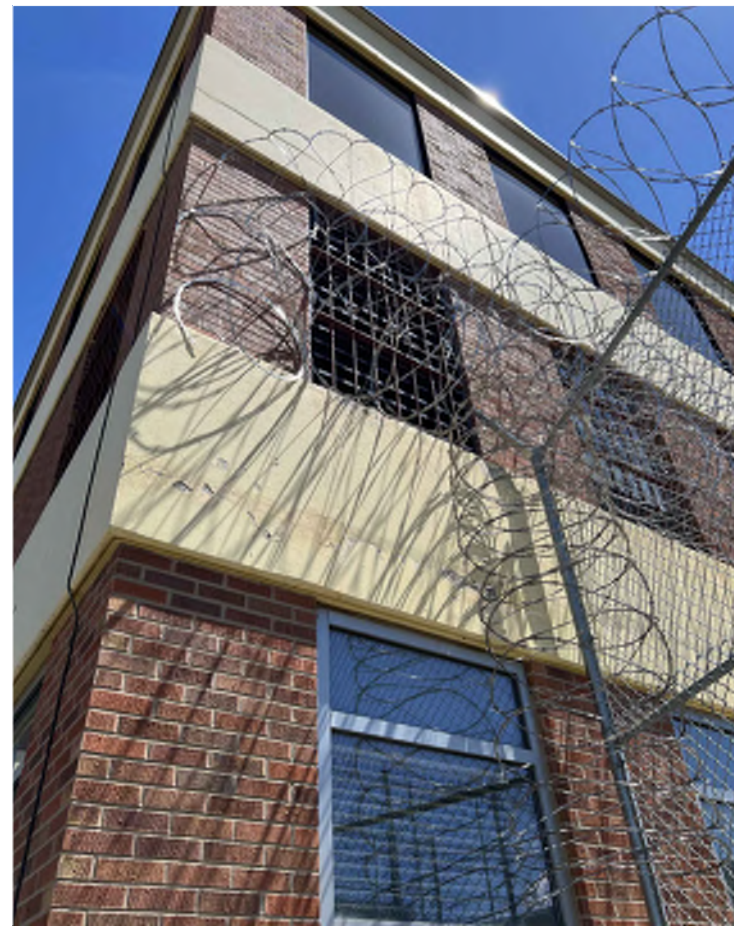
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DRAWN BY: TB / BZ / KD JN: 24-018

Existing Photos

SHEET

A900



17 A901
NTS Existing Photo



18 A901
NTS Existing Photo



19 A901
NTS Existing Photo



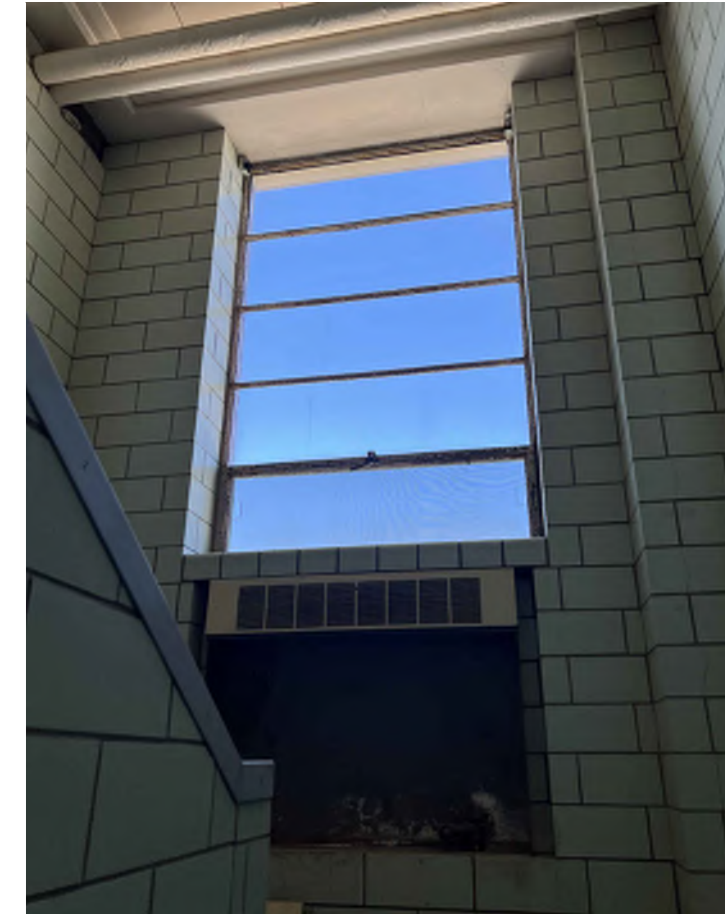
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31 A900
NTS Existing Photo



32 A900
NTS Existing Photo

WINDOW REPLACEMENT

3100 Railroad Avenue
Bismarck, ND 58502

STRUCTURAL

ICON ARCHITECTURAL GROUP
222 EAST MAIN STREET, SUITE B
MANDAN, ND 58554
(701) 751.0430 OFFICE
(701) 751.1636 FAX



DRAWING HISTORY

NO.	DESCRIPTION	DATE
1	CONSTRUCTION DOCUMENTS	01/09/25

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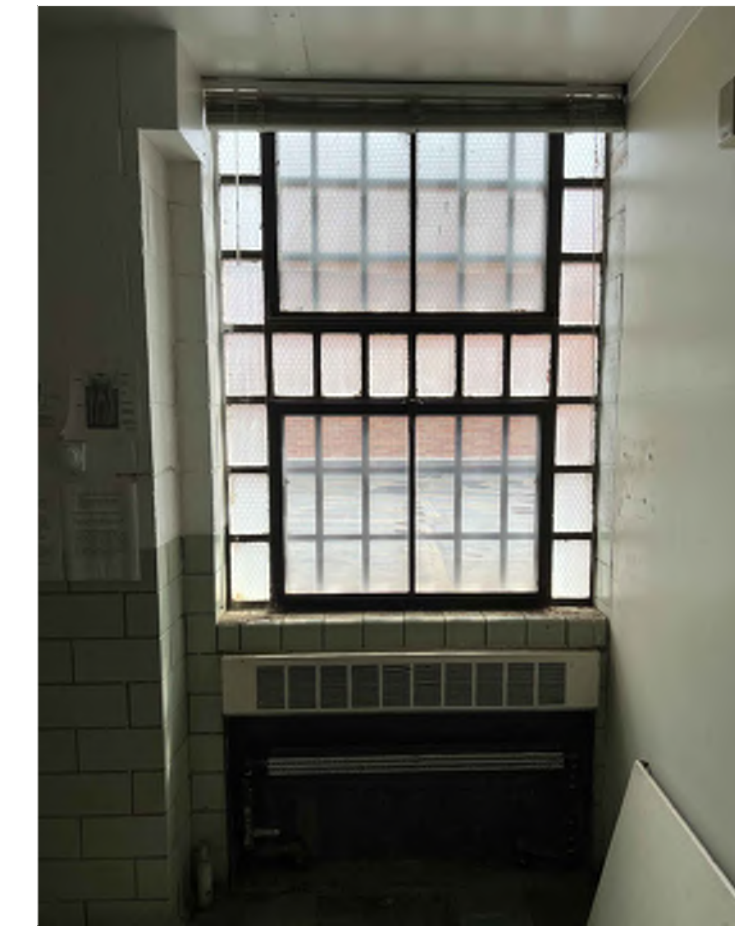
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34 A901
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Existing Photo



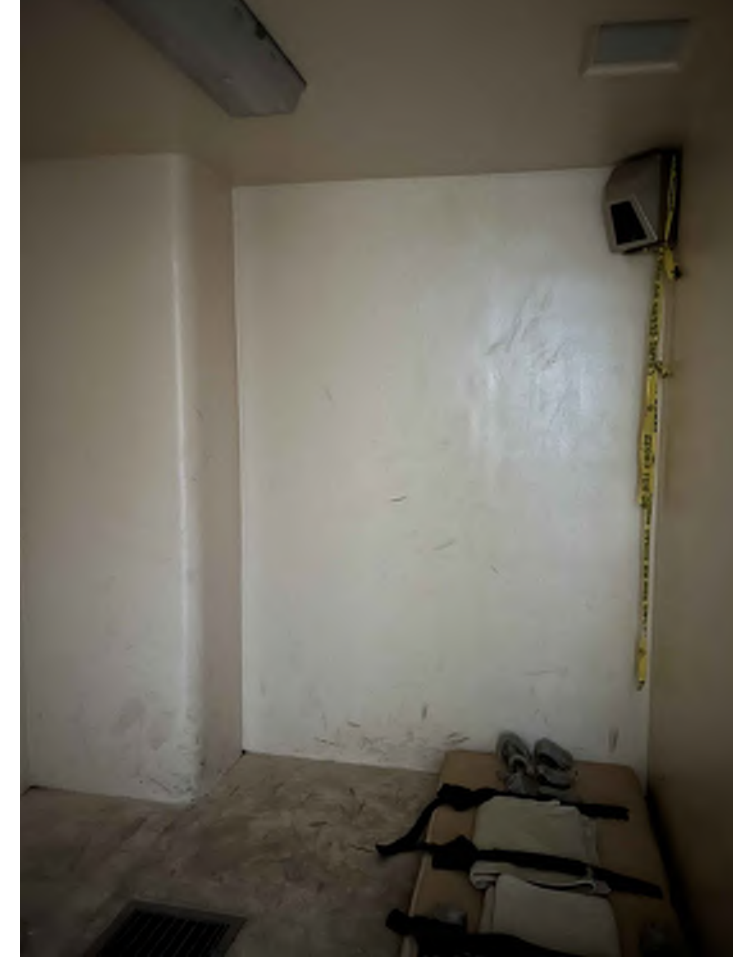
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36 A901
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Existing Photo



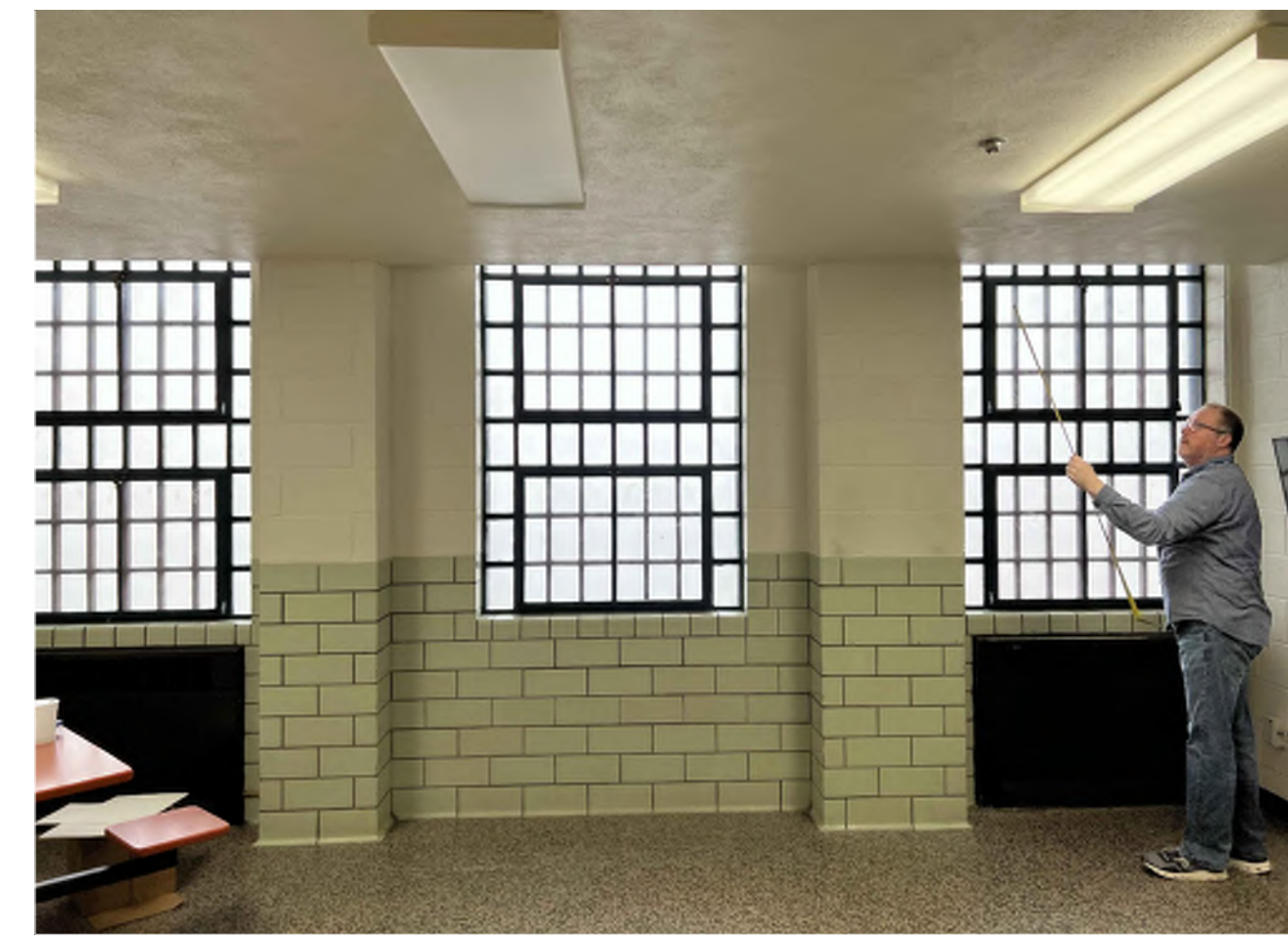
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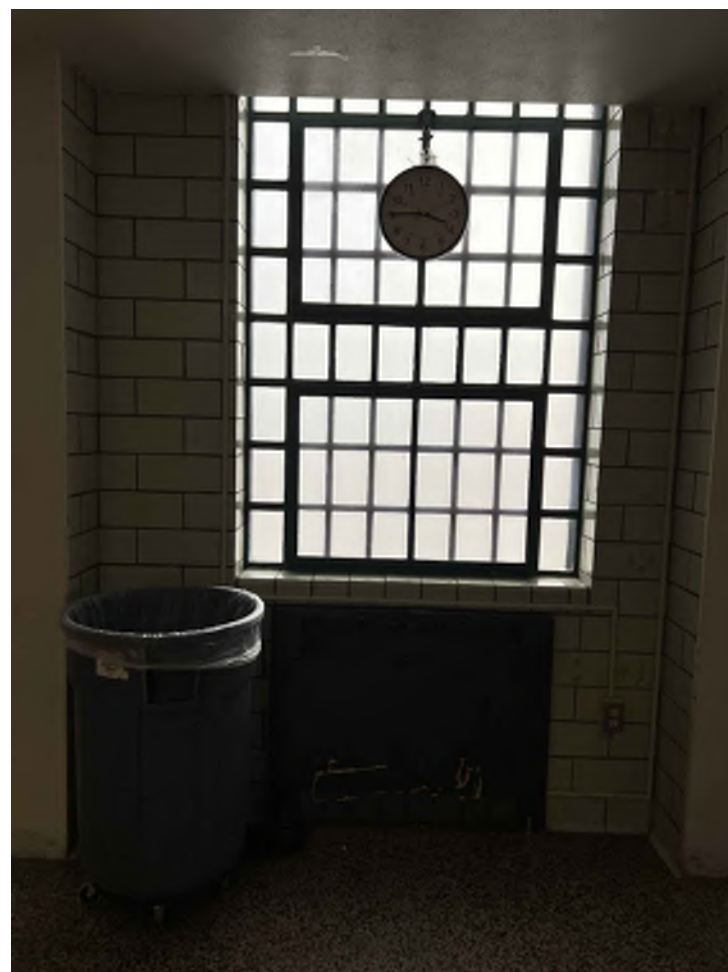
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39 A900
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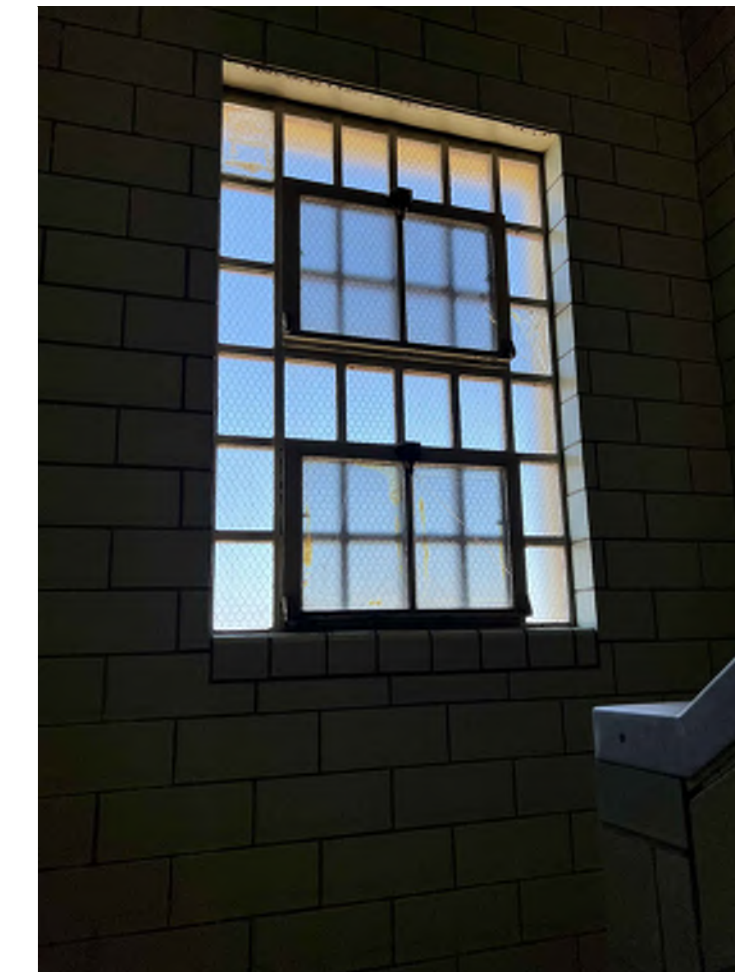
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Existing Photo



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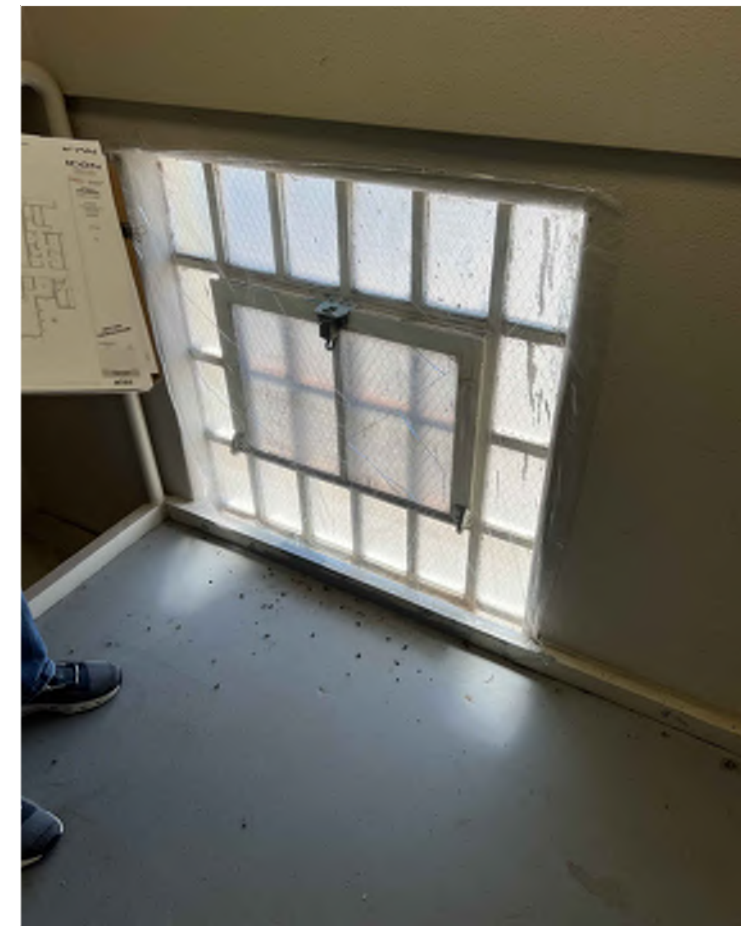
Existing Photos

SHEET

A902



49 A901 Existing Photo
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50 A901 Existing Photo
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51 A901 Existing Photo
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52 A901 Existing Photo
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53 A900 Existing Photo
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54 A900 Existing Photo
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58 A900 Existing Photo
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A903