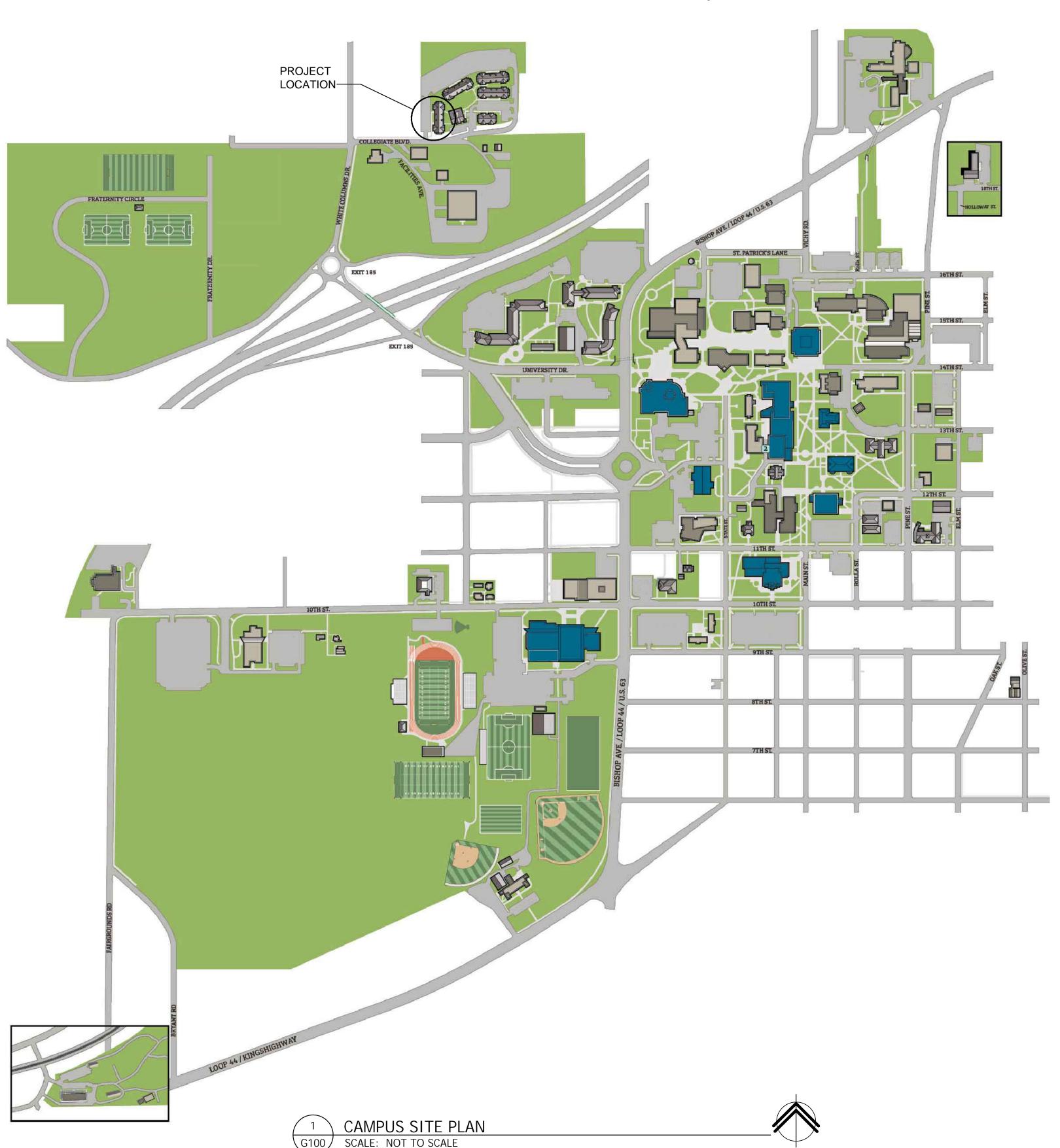
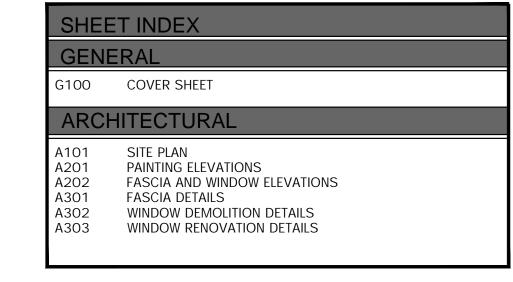
RC000561 - MINER VILLAGE - BUILDING #5 IMPROVEMENTS

For: The Curators of the University of Missouri

900 COLLEGIATE BLVD. ROLLA, MO 65409

Missouri University of Science and Technology





I hereby certify these drawings and/or specifications have been prepared by me, or under my supervision. I further certify that to the best of my knowledge these drawings and/or specifications are as required by and in compliance with the Building Codes of the University of Missouri.	NUMBER A-8123 RED ARCHITICAL
 Signature	Seal
Drawings included under my responsibility are:	
G100, A101, A201, A202, A301, A302, A303	
Specification Sections included under my responsibility are:	
06 2000, 06 8200, 07 6526, 07 9200, 08 5413, 09 9113	

AGENCY INFORMATION MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY DESIGN, CONSTRUCTION AND SPACE MANAGEMENT **ROLLA, MO 65409**

AUTHORITY HAVING JURISDICTION UM DIRECTOR OF FACILITIES UNIVERSITY OF MISSOURI SYSTEM

INTERNATIONAL PLUMBING CODE - 2021

APPLICABLE CODES: **INTERNATIONAL BUILDING CODE - 2021**

INTERNATIONAL MECHANICAL CODE - 2021 INTERNATIONAL EXISTING BUILDING CODE - 2021 (Level 1 & Level 2 Alterations only with pre-approval of AHJ) INTERNATIONAL FIRE CODE - 2021 INTERNATIONAL FUEL GAS CODE - 2021

INTERNATIONAL SWIMMING POOL AND SPA CODE - 2021 ICC A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES - 2017 Applicable Sections Per Code Determination 08) NATIONAL ELECTRIC CODE/NFPA 70 - 2020

NFPA 150 FIRE AND LIFE SAFETY IN ANIMAL HOUSING FACILITIES CODE - 2019

NFPA 110 STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS - 2019

NFPA 96 STANDARD FOR VENTILATING CONTROL AND FIRE PROTECTION OF COMMERCIAL COOKING OPERATIONS - 2017 NFPA 90A INSTALLATION OF AIR CONDITIONING AND VENTILATING SYSTEMS - 2018

NFPA 75 STANDARD FOR THE FIRE PROTECTION OF INFORMATION TECHNOLOGY EQUIPMENT - 2017

NFPA 72 NATIONAL FIRE ALARM CODE - 2019

NFPA 51B STANDARD FOR FIRE PROTECTION DURING WELDING, CUTTING, AND OTHER HOT WORK - 2019 NFPA 45 STANDARD ON FIRE PROTECTION FOR LABORATORIES USING CHEMICALS - 2019

NFPA 20 STANDARD FOR THE INSTALLATION OF STATIONARY FIRE PUMPS FOR FIRE PROTECTION - 2019

NFPA 14 STANDARD FOR THE INSTALLATION OF STANDPIPE, PRIVATE HYDRANTS AND HOSE SYSTEMS - 2019 NFPA 13 INSTALLATION OF FIRE SPRINKLER SYSTEMS - 2019

ASHRAE 90.1 - ENERGY STANDARD FOR BUILDINGS - 2019

ASME A17.1 - SAFETY CODE FOR ELEVATORS AND ESCALATORS - 2016

AMERICANS WITH DISABILITIES ACT - STANDARDS FOR ACCESSIBLE DESIGN 2010



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SEE ERTIFICATION ON THIS SHEET
SHEET

No.	Description	Date

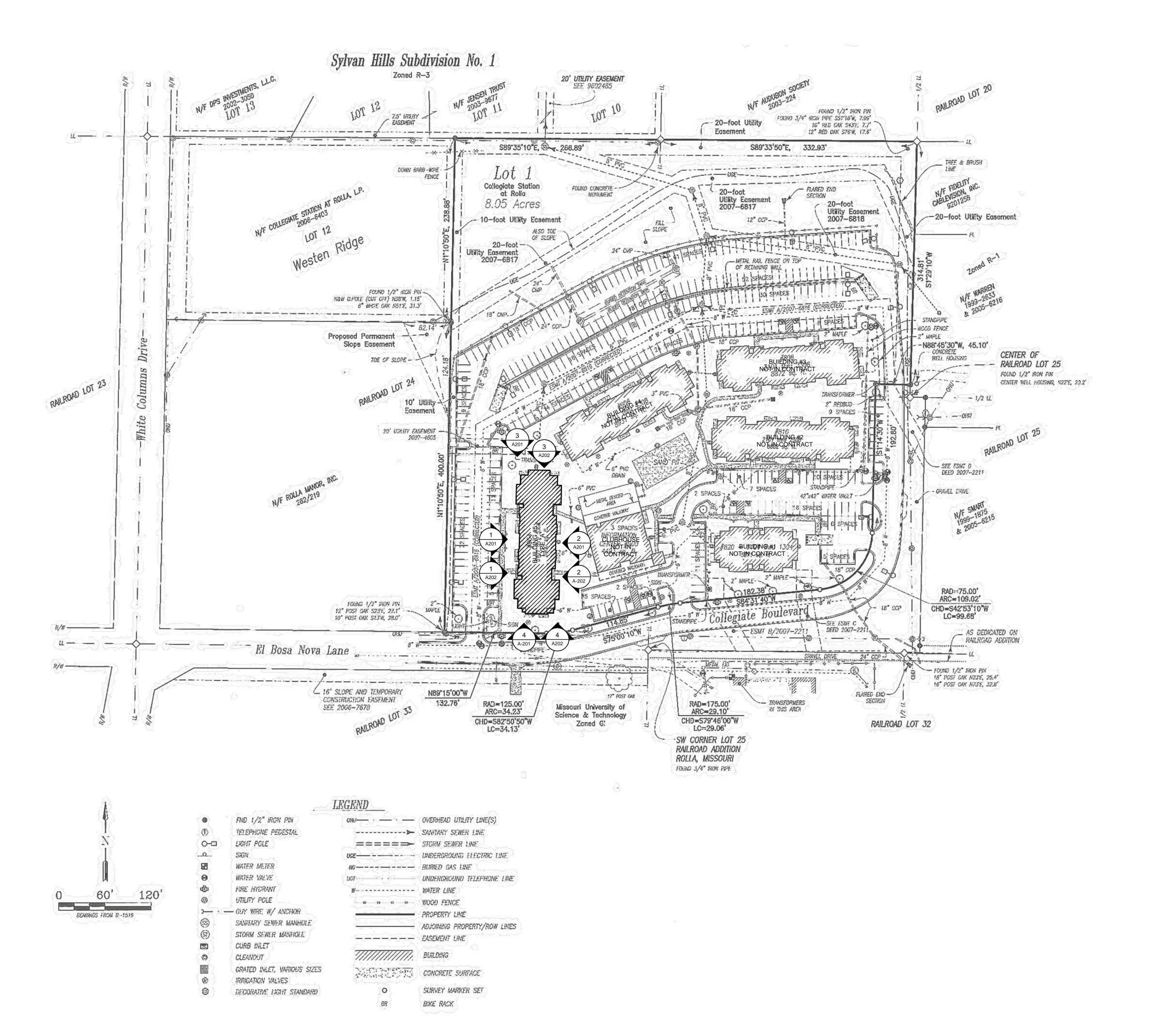
Miner Village Building #5 Improvements

900 Collegiate Blvd, Rolla, MO 65409 R0180

Project No.: RC000561

Drawn By: JGH Checked By: JGH Issue Date: 04/22/2022 Sheet Size: ARCH D

COVER SHEET



SITE PLAN

PROJECT NOTES:

 VERIFY EXISTING CONDITIONS PRIOR TO ORDERING ANY MATERIAL.
 PROJECT WILL REPLACE FASCIAS, REPLACE WINDOWS AND PAINT EXTERIOR OF JUST ONE TYPE "A" BUILDING (BUILDING 5)

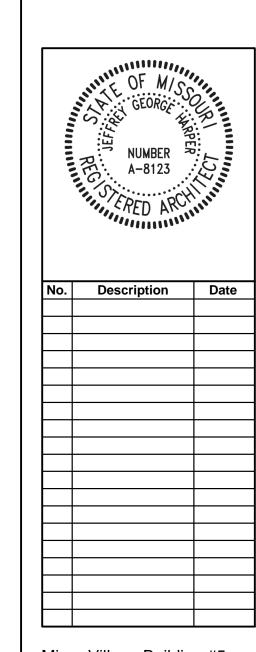


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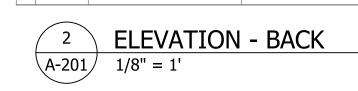
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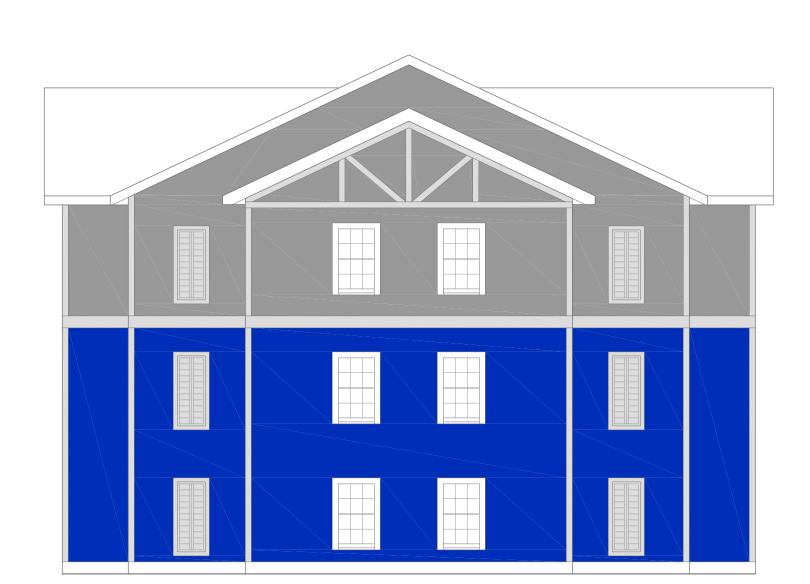
SITE PLAN

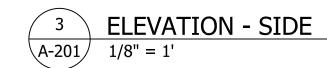


ELEVATION - FRONT A-201 1/8" = 1'

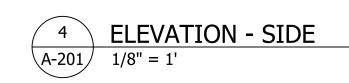


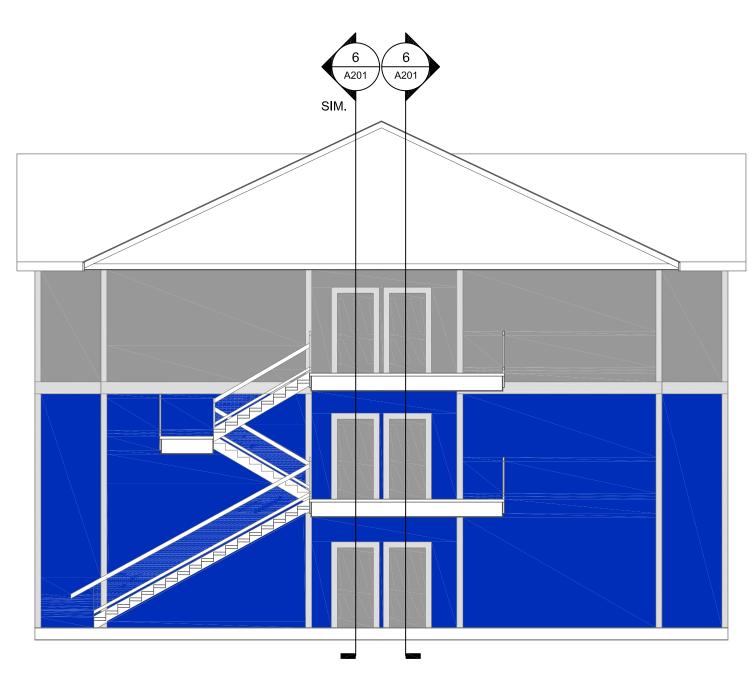












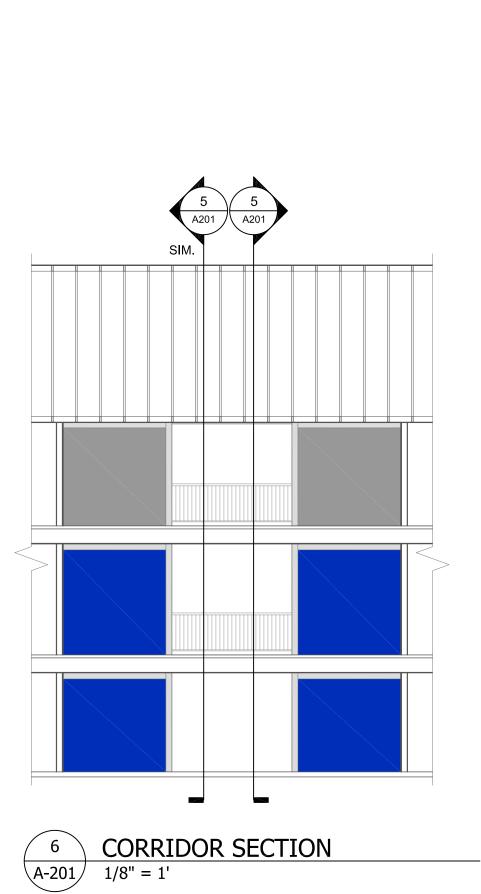


PROJECT NOTES:

- 1. VERIFY EXISTING CONDITIONS PRIOR TO ORDERING ANY MATERIAL.
- 2. PROJECT WILL PAINT EXTERIOR WOOD AT JUST BUILDING #5
- 3. WOOD FASCIA AND WINDOW TRIM TO BE REPLACED BY THIS CONTRACT. DO NOT PAINT WITH THIS CONTRACT EXCEPT FOR CUT ENDS AND EXPOSED BACK. PAINTING CONTRACTOR TO PROVIDE PAINTABLE SEALANT BETWEEN FASCIA, TRIM AND SIDING, TYPICAL
- 4. PAINTING CONTRACTOR TO PROVIDE PAINTABLE SEALANT AT SIDING END BUTT JOINTS, BETWEEN SIDING AND TRIM AND AT FASCIA

LEGEND	
HATCH PATTERN	DESCRIPTION
	UPPER SIDING COLOR: DIAMOND KOTE "PELICAN" - EGGSHELL
	LOWER SIDING COLOR: DIAMOND KOTE "MIDNIGHT" - EGGSHELL
	TRIM AND SOFFIT COLOR: DIAMOND KOTE "LIGHT GRAY" - EGGSHELL

NOTE: PAINT COLORS TO BE CUSTOM MATCH TO COLORS PROVIDED BY DIAMOND KOTE PREFINISHED TRIM



PAINTING **ELEVATIONS**



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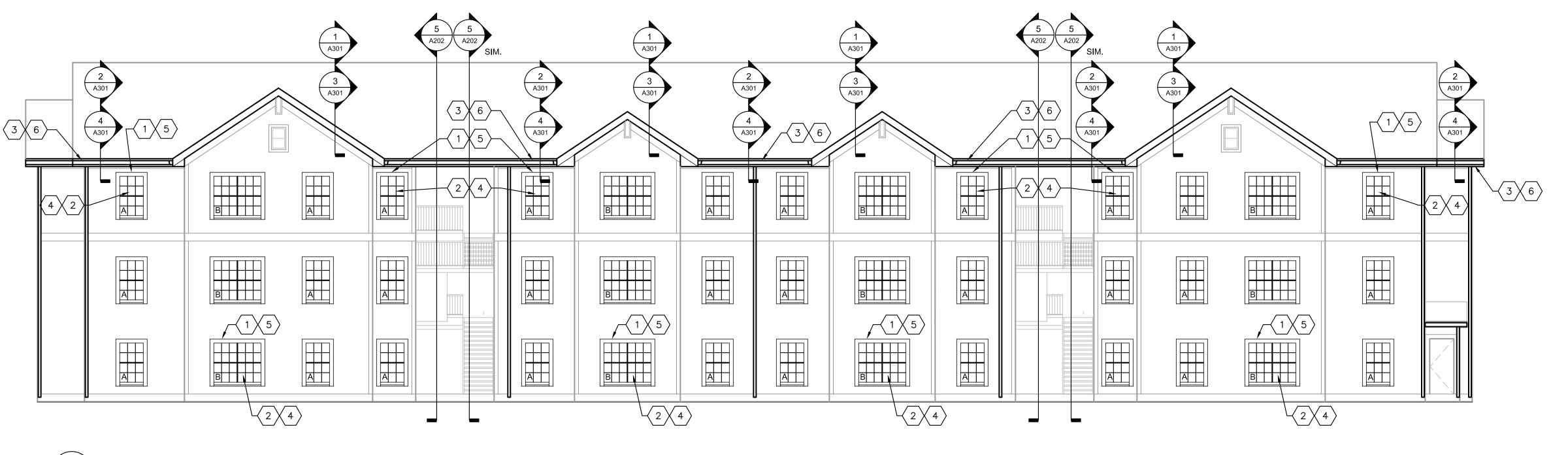
No.	Description	Date

Miner Village Building #5 Improvements

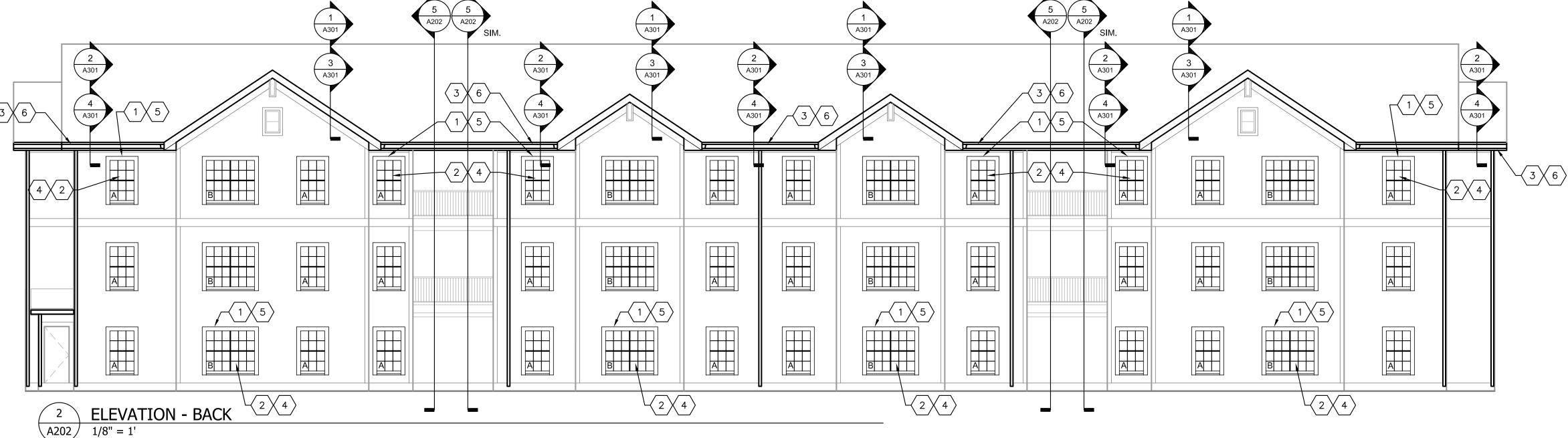
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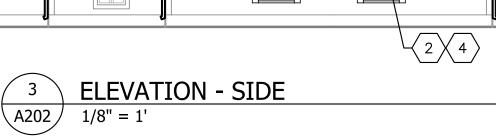
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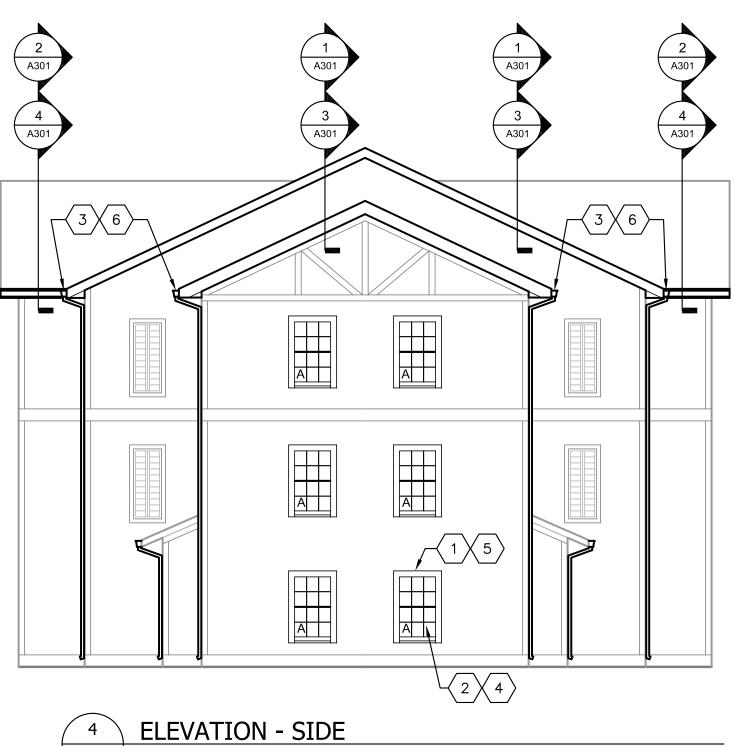


ELEVATION - FRONT A202

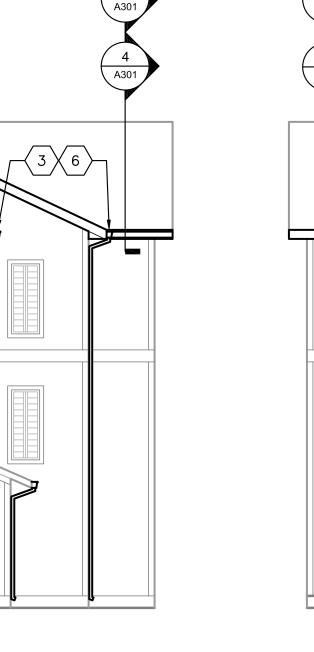


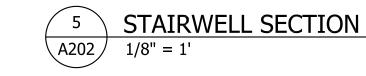
2 A301 4 A301	1 A301 3 A301	1 A301 3 A301 4 A301
3 6		3 6
		5





A202 1/8" = 1'





PROJECT NOTES:

- 1. VERIFY EXISTING CONDITIONS PRIOR TO ORDERING ANY MATERIAL.
 - PROJECT WILL REPLACE FASCIA AND WINDOWS AT BUILDING #5
- WOOD FASCIA AND WINDOW TRIM TO BE REPLACED BY THIS CONTRACT. DO NOT PAINT WITH THIS CONTRACT EXCEPT FOR CUT ENDS AND EXPOSED BACK.
- 4. PAINTING CONTRACTOR TO INSTALL PAINTABLE SEALANT BETWEEN FASCIA, TRIM AND SIDING.

DETAILED KEYED NOTES:

DEMOLITION NOTES:

- REMOVE EXISTING WOOD TRIM AROUND WINDOWS
- REMOVE EXISTING ALUMINUM FRAMED WINDOW IN ENTIRETY
- REMOVE EXISTING SHEET METAL GUTTERS AND DOWNSPOUTS

RENOVATION NOTES

- INSTALL NEW FIBERGLASS FRAMED WINDOWS AS SPECIFIED. REFER TO WINDOW SCHEDULE ON SHEET A302
- INSTALL NEW TRIM AT WINDOWS DIAMOND KOTE FINISH ON LP SMARTSIDING TRIM - $\frac{5}{4}$ X 6 SERIES - 0.98"x5.5"
- INSTALL NEW SHEET METAL GUTTERS AND DOWNSPOUTS

NUMBER OF WII	NDOWS
WINDOW TYPE A	72
WINDOW TYPE B	24

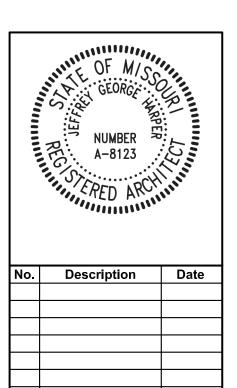


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FASCIA / WINDOW **ELEVATIONS** A202

PROJECT NOTES:

- VERIFY EXISTING CONDITIONS PRIOR TO ORDERING ANY MATERIAL.
- REPORT ANY ROT OR DAMAGE OF EXISTING WOOD STRUCTURE, SOFFIT OR ASPHALT SHINGLES TO ARCHITECT.
- 3. WOOD FASCIA AND WINDOW TRIM TO BE REPLACED BY THIS CONTRACT. DO NOT PAINT WITH THIS CONTRACT EXCEPT FOR CUT ENDS AND EXPOSED BACK.

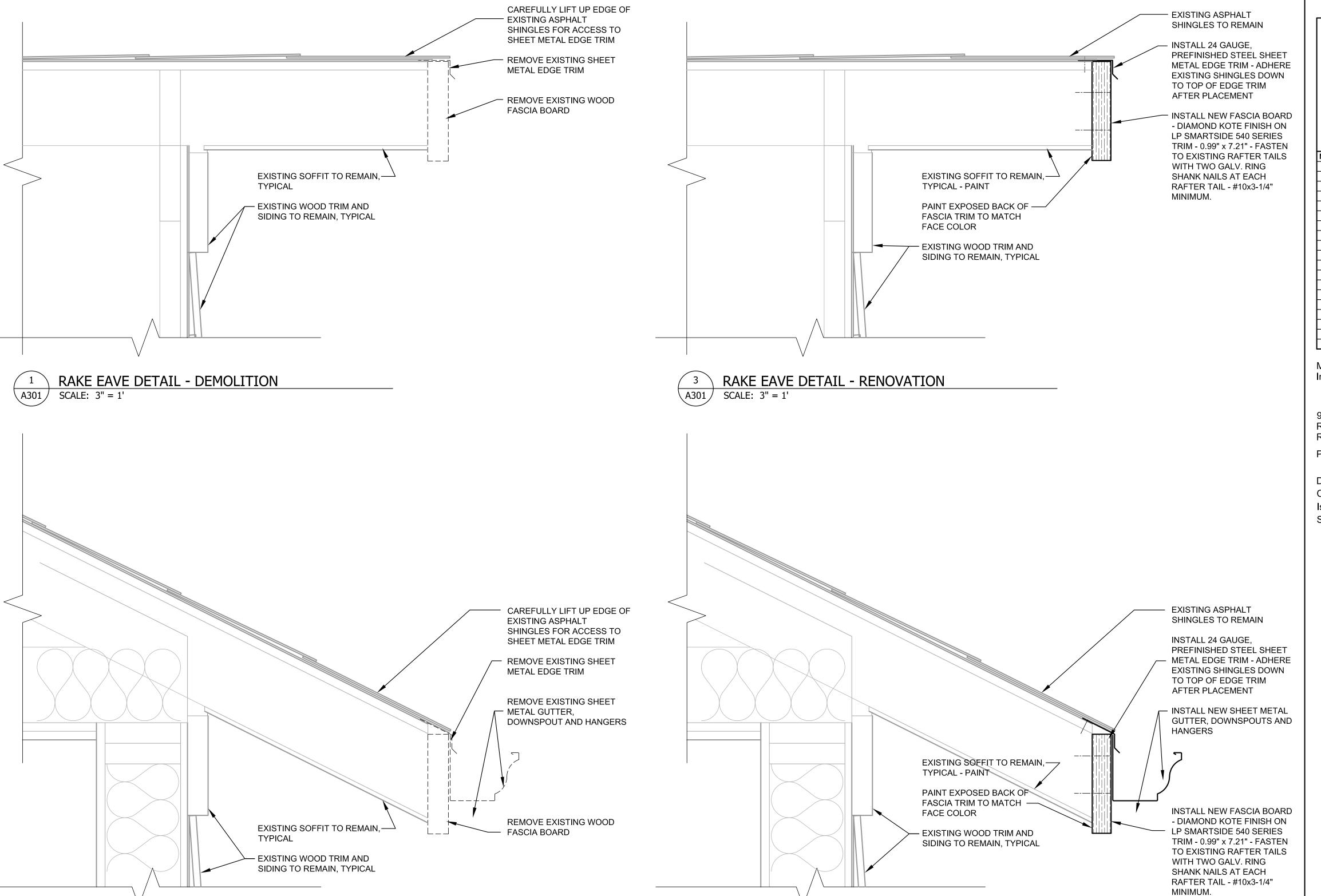
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EAVE DETAIL - RENOVATION

A301 SCALE: 3" = 1'

EAVE DETAIL - DEMOLITION

A301 SCALE: 3" = 1'

No. Description Date

Miner Village Building #5 Improvements

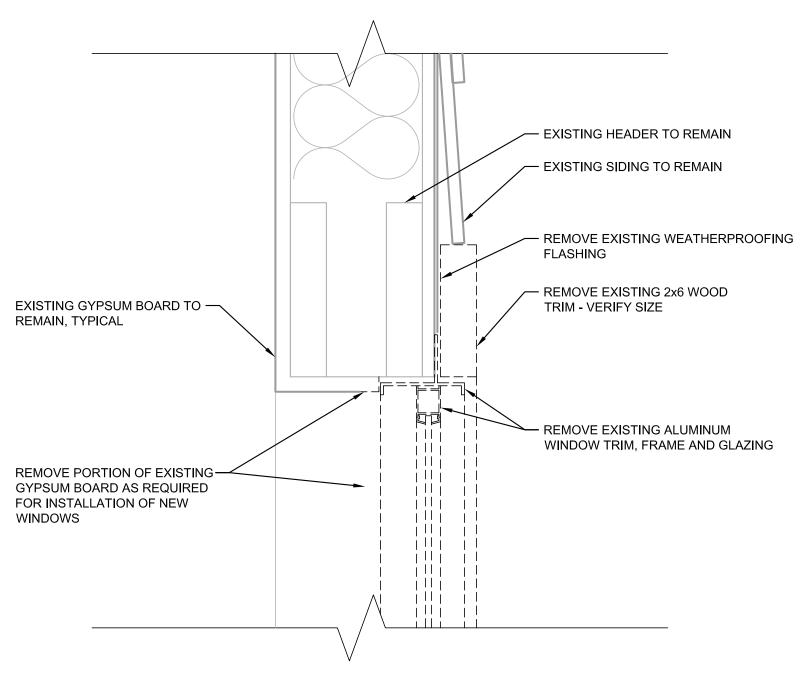
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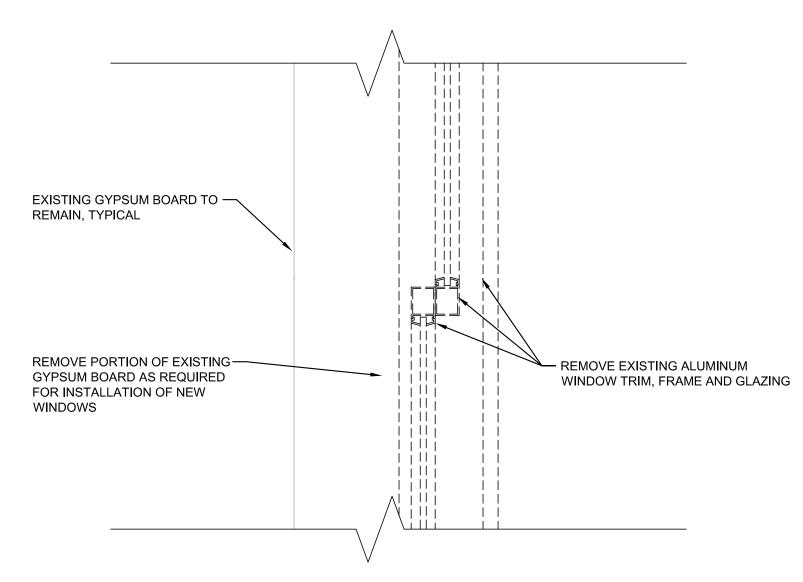
FASCIA DETAILS

A301



MINDOW HEAD DETAIL

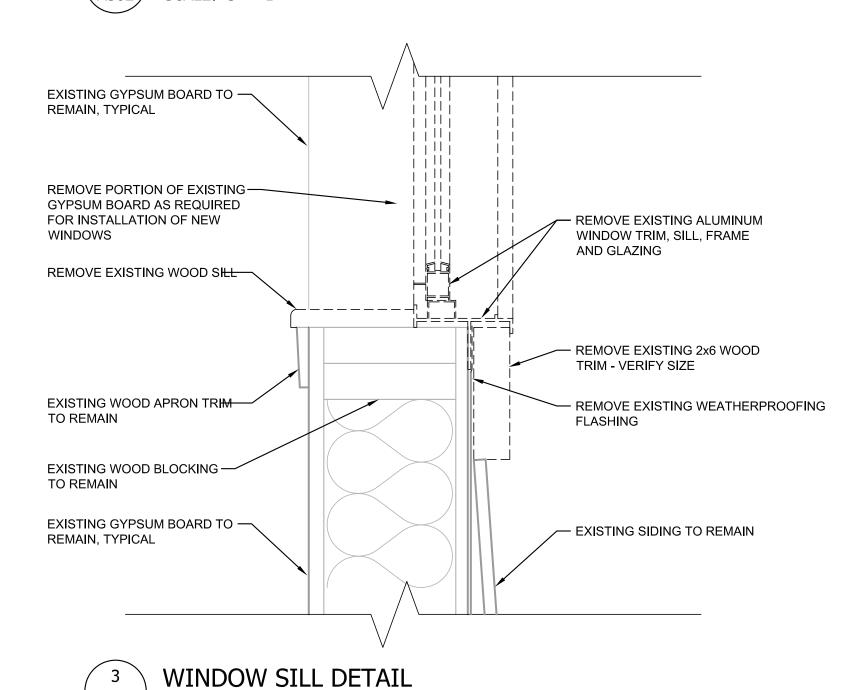
SCALE: 3" = 1'



WINDOW MID MULLION DETAIL

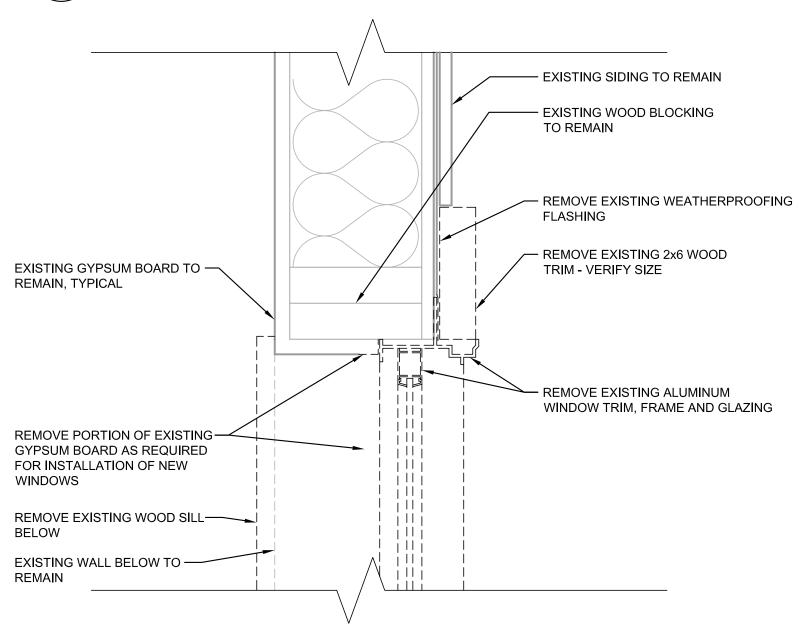
SCALE: 3" = 1'

SCALE: 3" = 1'



— EXISTING SIDING TO REMAIN — EXISTING WOOD BLOCKING TO REMAIN REMOVE EXISTING WEATHERPROOFING FLASHING - REMOVE EXISTING 2x6 WOOD EXISTING GYPSUM BOARD TO — TRIM - VERIFY SIZE REMAIN, TYPICAL REMOVE EXISTING ALUMINUM WINDOW TRIM, FRAME AND GLAZING REMOVE PORTION OF EXISTING GYPSUM BOARD AS REQUIRED FOR INSTALLATION OF NEW WINDOWS REMOVE EXISTING WOOD SILL BELOW EXISTING WALL BELOW TO — REMAIN

4 WINDOW JAMB DETAIL - UPPER SASH
A302 SCALE: 3" = 1'



5 WINDOW JAMB DETAIL - BOTTOM SASH
SCALE: 3" = 1'

				WINDOW FRAME		
MARK	ELEVATION ON SHEET A202	WINDOW TYPE	SIZE	MATERIAL	QUANTITY	NOTES
Α	1A / A202	SINGLE HUNG	3'-0" x 5'-0"	FIBERGLASS	2	1
В	1A, 2A, 4 / A202	SINGLE HUNG PAIR	6'-0" x 5'-0"	FIBERGLASS	10	1

WINDOW TYPE ELEVATIONS

1
1
A3027
A3027
A3027
A3037
A

. FIBERGLASS FRAMED WINDOWS, TYPICAL

FIBERGLASS FRAMED WINDOWS, TYPICAL

KEYED DETAILS ARE ON THE TWO SHEETS INDICATED. DEMOLITION ON SHEET A302 AND RENOVATION ON SHEET A303.

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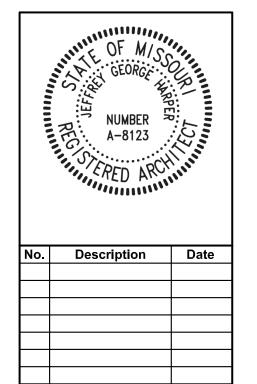
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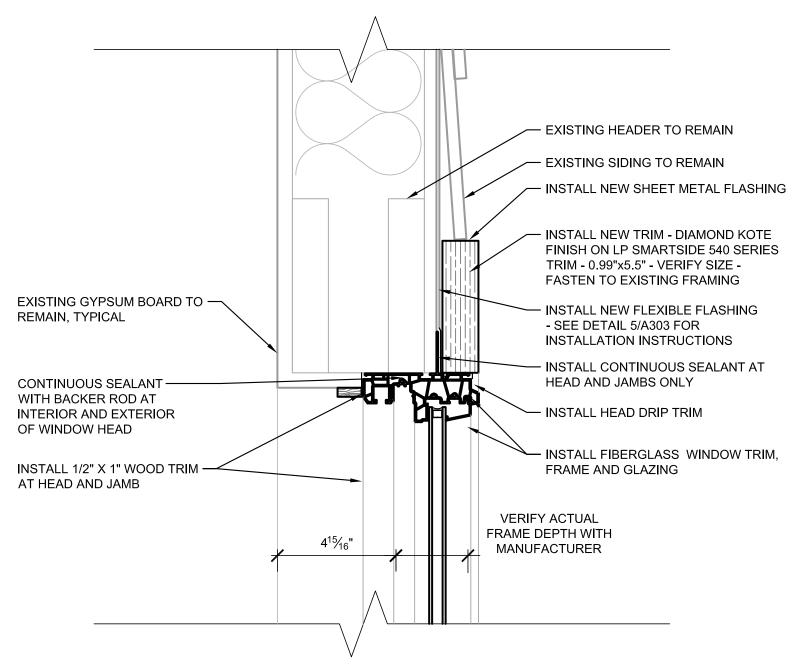
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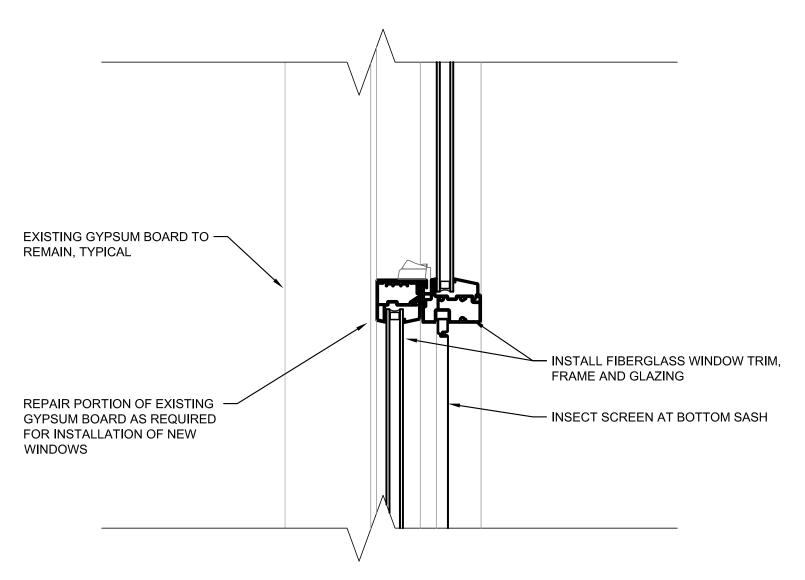
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WINDOW DEMOLITION DETAILS

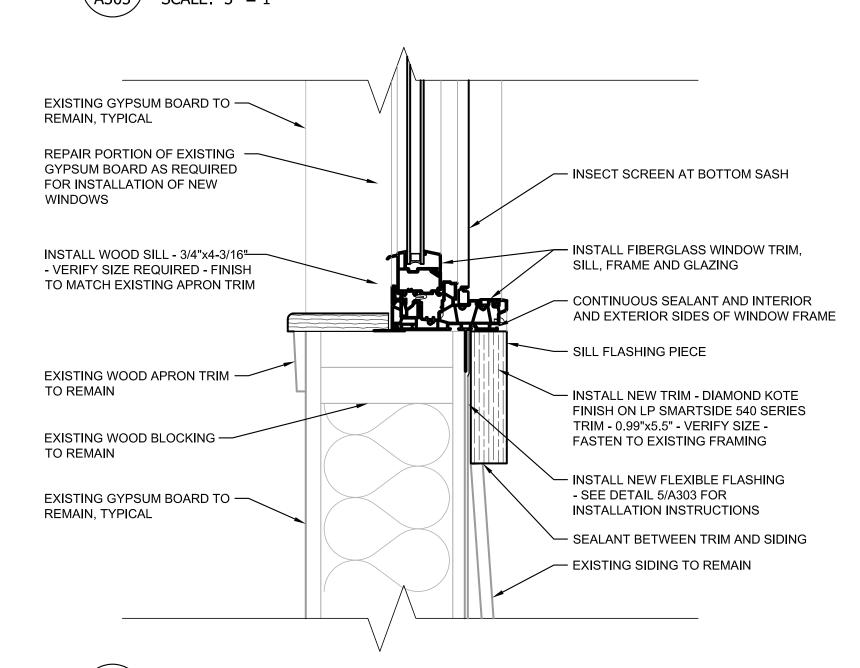
A302



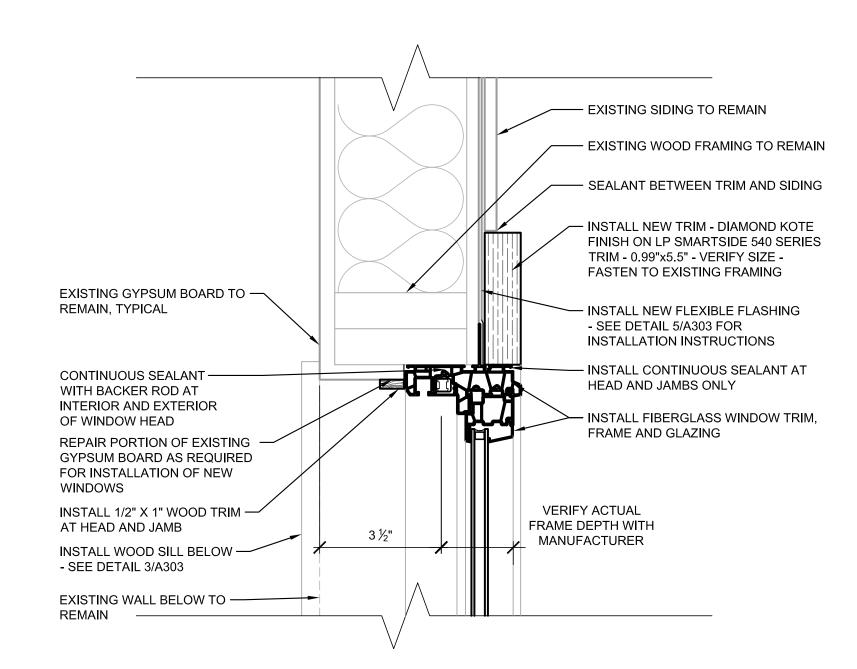
WINDOW HEAD DETAIL - SINGLE HUNG



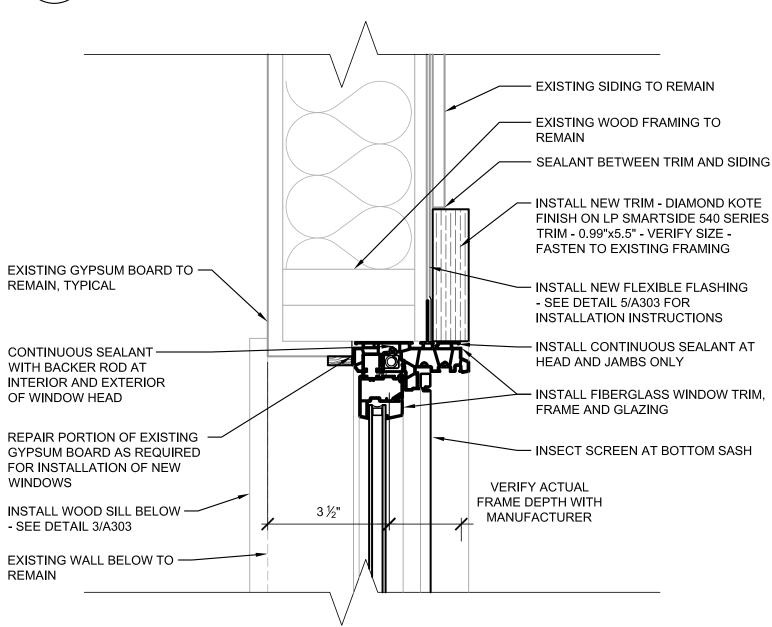
WINDOW MID MULLION DETAIL - SINGLE HUNG \ A303 / SCALE: 3" = 1'



WINDOW SILL DETAIL - SINGLE HUNG SCALE: 3" = 1'



WINDOW JAMB DETAIL - UPPER SASH - SINGLE HUNG



WINDOW JAMB DETAIL - BOTTOM SASH - SINGLE HUNG SCALE: 3" = 1'

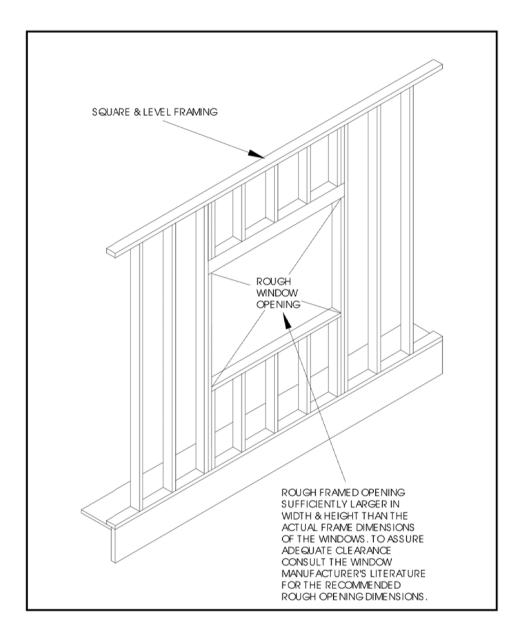


Figure 1: Rough Window Opening

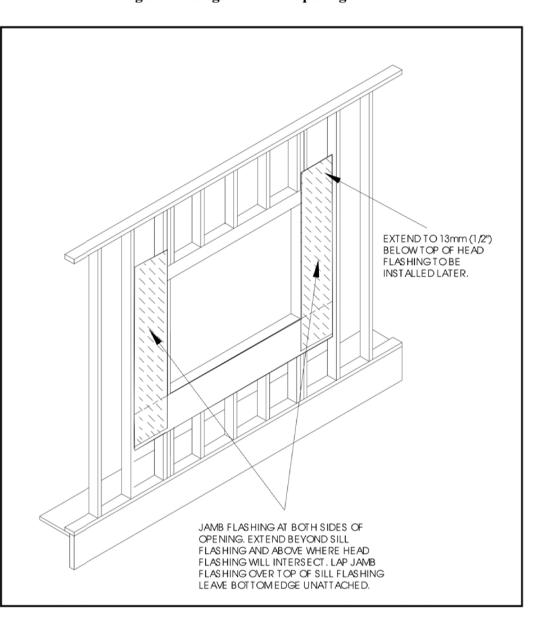


Figure 3B: Jamb Flashing (Method "B")

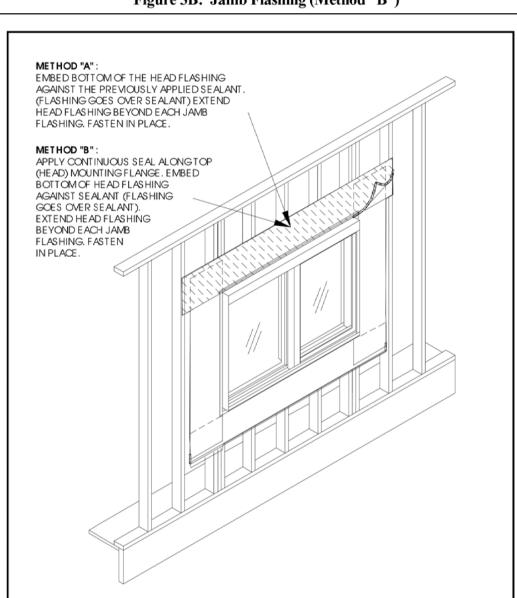


Figure 5: Head Flashing

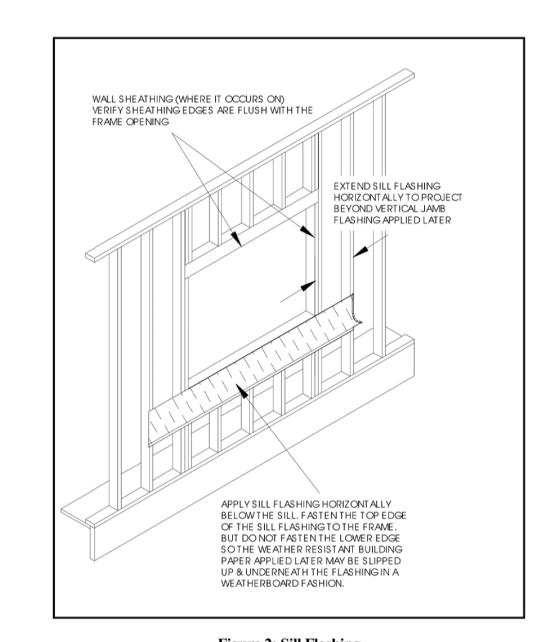


Figure 2: Sill Flashing

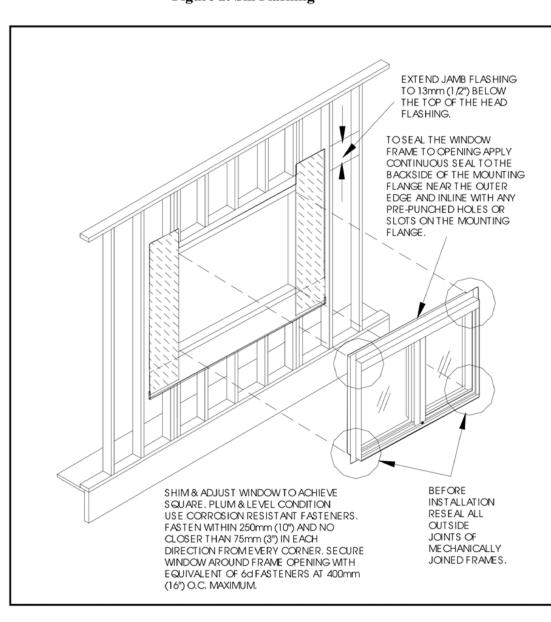


Figure 4B: Window Installation (Method "B")

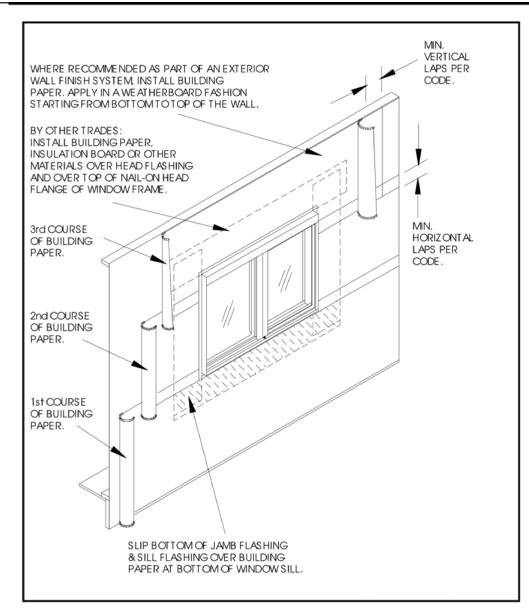


Figure 6: Primary Weather Barrier Application By Others

AAMA 2400-02 FLEXIBLE FLASHING INSTALLATION DIAGRAMS NOT TO SCALE



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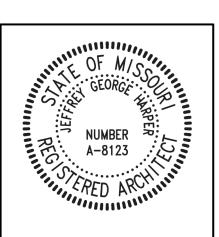
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WINDOW RENOVATION **DETAILS**