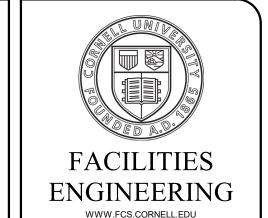


REPAIR EXTERIOR FACADE - MARTHA VAN RENSSELAER HALL WEST

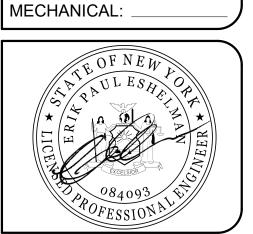


ARCHITECTURAL, STRUCTURAL
CIVIL, ENVIRONMENTAL,
MECHANICAL, AND ELECTRICAL
ENGINEERING
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ITHACA, NEW YORK 14853-3701

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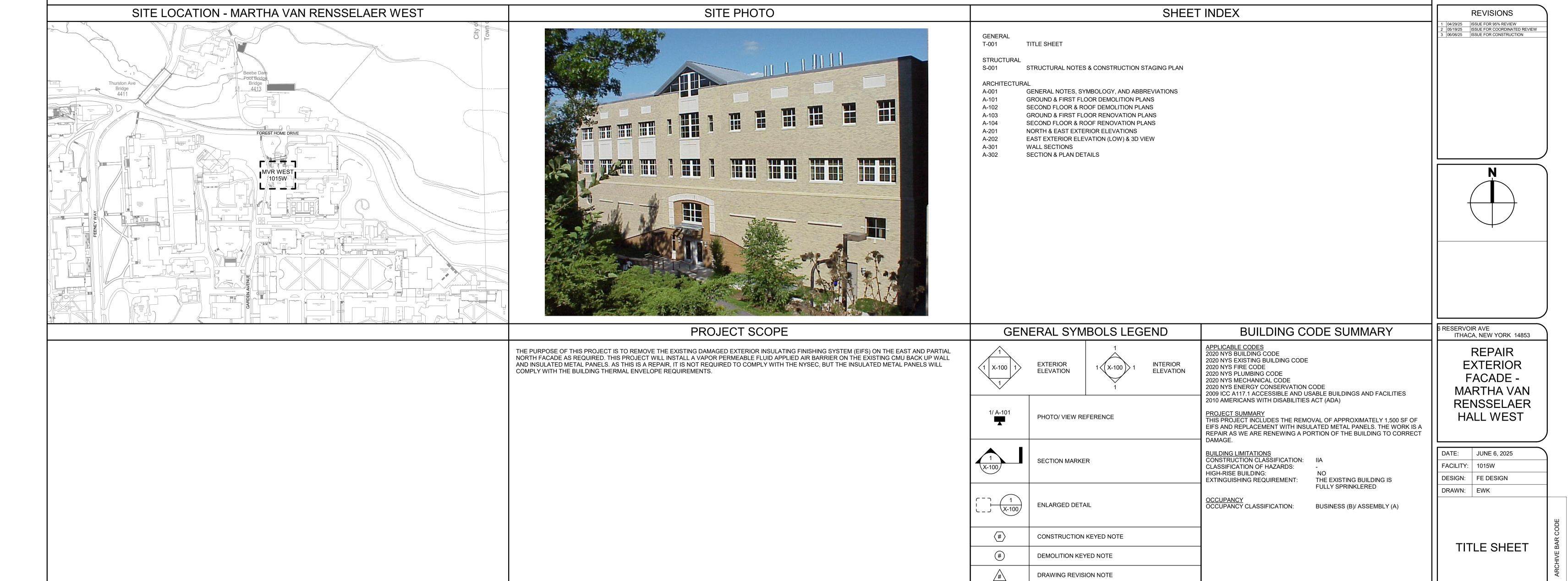
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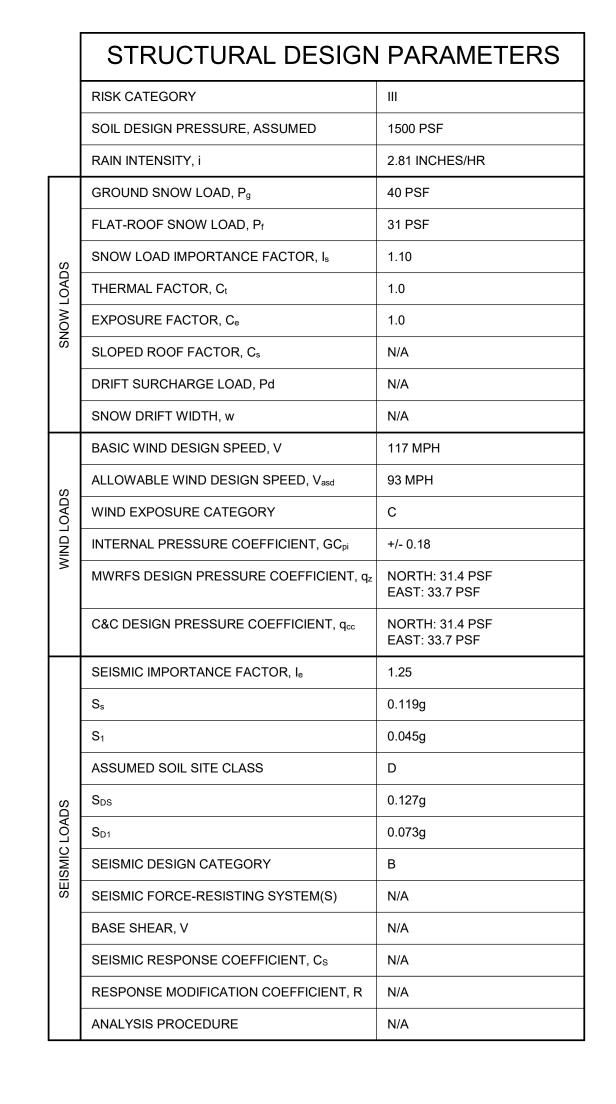
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LINETYPE: EXISTING TO REMAIN

LINETYPE: TO BE PROVIDED / NEW

LINETYPE: DEMOLITION / TO BE RELOCATED



ZONE 5 NOTE: DUE TO THE OVERALL LENGTH AND WIDTH OF THE BUILDING, THE VALUE OF a IS APPROXIMATELY 23.5 FT. THEREFORE, THE SHORT LENGTHS OF WALL WITHIN THE SCOPE OF THIS PROJECT AREA ALL ENTIRELY ZONE 5.

ZONES IN PLAN VIEW

CODE REQUIRED COMPONENTS & CLADDING WIND LOADS											
EFFECTIVE WIND AREA (SF)		1	10	20	50	100	200	500	1000		
NORTH	ZONE 4	-36.7	-36.7	-35.3	-33.3	-31.6	-29.7	-28.3	-28.3		
		33.9	33.9	32.5	30.2	28.8	27.7	25.4	25.4		
	ZONE 5	-45.2	-45.2	-42.4	-38.1	-35.3	-32.5	-28.3	-28.3		
		33.9	33.9	32.5	30.2	28.8	27.7	25.4	25.4		
EAST	ZONE 4	-39.4	-39.4	-37.9	-35.7	-33.9	-31.8	-30.3	-30.3		
		36.4	36.4	34.8	32.4	30.9	29.7	27.3	27.3		
	ZONE 5	-48.5	-48.5	-45.4	-40.9	-37.9	-34.8	-30.3	-30.3		
		36.4	36.4	34.8	32.4	30.9	29.7	27.3	27.3		

V	CLADD VIND LC		
	TIVE WIND EA (SF)	10	
(£)	ZONE 4	-65.8	
NORTH (qh = 42.7 psf)	ZONE 4	62.0	
NOF th = 4;	ZONE 5	-77.3	
0)	ZONE 3	62.0	
<u></u>	ZONE 4	-70.5	
ST 5.8 ps	20112 4	66.4	
EAST (qh = 45.8 psf)	ZONE 5	-82.9	
		66.4	

FM REQUIRED

COMPONENTS &

STRUCTURAL NOTES

- WALL PANELS AND THEIR CONNECTIONS TO THE EXISTING CMU BACKUP WALL SHALL BE A DELEGATED DESIGN ITEM.
- WHERE A PROFESSIONAL ENGINEER'S STAMP OR SUPERVISION IS REQUIRED BY THE CONSTRUCTION DOCUMENTS, THE ENGINEER SHALL BE A PROFESSIONAL ENGINEER WHO IS LICENSED AND REGISTERED IN NEW YORK STATE.
- THE ENGINEERING DESIGN CALCULATIONS FOR THE WALL PANELS AND CONNECTIONS SHALL BE COMPLETED UNDER SUPERVISION OF A PROFESSIONAL ENGINEER.
- CONTRACTOR SHALL SUBMIT STAMPED CONNECTION DESIGN CALCULATIONS AND SHOP DRAWINGS FOR REVIEW AND APPROVAL. CONTRACTOR SHALL NOT PROCEED WITH FABRICATION OR INSTALLATION IF SUBMITTALS ARE MARKED REVISE AND RESUBMIT OR REJECTED. CONTRACTOR SHALL PROCEED WITH FABRICATION AND INSTALLATION ONLY AFTER RECEIVING SUBMITTALS THAT ARE MARKED EITHER APPROVED OR APPROVED AS NOTED.
- DESIGN OF WALL PANELS AND CONNECTIONS SHALL COMPLY WITH ALL APPLICABLE CODES FOR THIS PROJECT'S JURISDICTION. DESIGN SHALL ALSO MEET THE REQUIREMENTS PUT FORTH BY FACTORY MUTUAL (FORMERLY FM
- CALCULATIONS SHALL PROVIDE LOADS IMPOSED BY CONNECTIONS. CONTRACTOR'S ENGINEER SHALL NOTE IF THESE ARE FACTORED LOADS OR UNFACTORED LOADS.
- SCAFFOLDING, SWING STAGES, & OTHER EQUIPMENT THE CONTRACTOR SHALL RETAIN THE SERVICES OF A PROFESSIONAL ENGINEER TO DESIGN ALL SCAFFOLDING, INCLUDING BUT NOT LIMITED TO BASE PLATES, DIAGONAL BRACING, AND ATTACHMENT BACK TO THE BUILDING. EXISTING ROOFING SHALL BE CHECKED FOR SCAFFOLDING LOADS BY THE CONTRACTOR'S ENGINEER. PROVIDE A SIGNED AND SEALED SCAFFOLDING SUBMITTAL. SUBMIT FOR REVIEW AND APPROVAL
- SCAFFOLDING SHALL COMPLY WITH OSHA REGULATIONS AND MANUFACTURER'S SPECIFICATIONS. PROVIDE GUARDRAILS, MID-RAILS, AND TOE BOARDS IN ACCORDANCE WITH OSHA REGULATIONS. THE CONTRACTOR SHALL MAINTAIN AND USE SCAFFOLDING IN ACCORDANCE WITH ALL OSHA REGULATIONS AND MANUFACTURER'S INSTRUCTIONS.
- SWING STAGES ARE PERMITTED. THE CONTRACTOR SHALL RETAIN THE SERVICES OF A PROFESSIONAL ENGINEER TO CHECK THE EXISTING ROOF FRAMING FOR THE REQUIRED COUNTERWEIGHT. PROVIDE A SIGNED AND SEALED SWING STAGE SUBMITTAL FOR REVIEW AND APPROVAL.
- PROVIDE TWO INCHES OF POLYSTYRENE INSULATION (MIN.) AND 3/4" PLYWOOD UNDER ALL OUTRIGGERS, COUNTERWEIGHT, OR SCAFFOLDING / SWING STAGE COMPONENTS TO PROTECT THE EXISTING
- CONTRACTOR SHALL RETAIN THE SERVICES OF A PROFESSIONAL ENGINEER TO EVALUATE THE STRUCTURE SUPPORTING EQUIPMENT AND MATERIALS. DOCUMENTATION OF THE EXISTING CONDITIONS IS AVAILABLE UPON REQUEST. THE TERRACE OF THE HUMAN ECOLOGY BUILDING ON THE NORTH, WEST, AND EAST SIDES IS DESIGNED TO SUPPORT A LIVE LOAD OF 100 PSF. THE COURTYARD BETWEEN MARTHA VAN RENSSELAER HALL AND THE HUMAN ECOLOGY BUILDING IS DESIGNED TO SUPPORT A LIVE LOAD OF 100 PSF WHERE THE COURTYARD IS ELEVATED STRUCTURE. THE ROOF STRUCTURE ABOVE GRADE HAS A LIVE LOAD CAPACITY OF 20 PSF.

CONSTRUCTION STAGING PLAN NOTES

- AT STAGING LOCATION, PROVIDE FILTER FABRIC AND 4-6" OF WOOD CHIPS FOR THE PALLETS TO STACK ON TO HELP DISPERSE THE WEIGHT OF THE PANELS AND PROTECT THE ROOTING ZONE OF THE ADJACENT LARGE TREES. PROVIDE CHAIN LINK TREE PROTECTION FENCE AROUND THE STAGING AREA TO PROTECT THE TREES AND STORAGE OF MATERIALS. EXACT BOUNDARY TO BE DETERMINED ON SITE WITH UNIVERSITY LANDSCAPE ARCHITECT.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING TEMPORARY BARRICADES, FENCING AND SIGNAGE DURING WORK. PROVIDE FLAGGERS WHEN MOVING MATERIAL OR DURING SITE DELIVERIES.
- CONTRACTOR SHALL PROTECT EXISTING BUILDING FINISHES INCLUDING BUT NOT LIMITED TO ROOF MEMBRANES, PARAPETS AND GUTTERS. CONTRACTOR ADVISED TO TAKE PRE-PROJECT CONDITION PHOTOS TO DOCUMENT ANY EXISTING DEFICIENCIES.
- PROVIDE 2" OF POLYSTYRENE INSULATION AND 3/4" PLYWOOD AT ROOF MEMBRANE ALONG PATH OF TRAVEL, AREAS OF DEMOLITION, AND ANY LAYDOWN AREAS. AT PROTECTED WALKWAYS, PROVIDED 5/8" PLYWOOD WITH SLIP SHEET UNDER A LAYER OF RUBBER MEMBRANE.
- PANELS TO BE TRANSPORTED FROM THE STAGING AREA TO THE SCAFFOLD AREA VIA DOLLY, CART, OR OTHER LIGHTWEIGHT DEVICE. THE USE OF A LIFT OR WHEELED MOTORIZED EQUIPMENT IS PROHIBITED.
- THE WORK AREA CONTAINS MULTIPLE MEANS OF EGRESS (NORTH PEDESTRIAN PLAZA AND EASTERN COURTYARD). CONTRACTOR SHALL PROVIDE OVERHEAD PROTECTION AND MAINTAIN PEDESTRIAN EGRESS.



ARCHITECTURAL, STRUCTURAL,

CIVIL, ENVIRONMENTAL, MECHANICAL, AND ELECTRICAL

ENGINEERING 201 HUMPHREYS SERVICE BLDG ITHACA, NEW YORK 14853-3701

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ARCH/ CIVIL: _____

ELECTRICAL: MECHANICAL:



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REPAIR **EXTERIOR** FACADE -MARTHA VAN RENSSELAER HALL WEST

DATE: JUNE 6, 2025 FACILITY: 1015W DESIGN: Q. OLSEN-BIEBER

DRAWN: QCO

STRUCTURAL NOTES & CONSTRUCTION STAGING PLAN

S-001

16988280



STAGING LEGEND

M.V.R. EAST

1015E

FOREST HOME PARKING GARAGE

1011P

HUMAN ECOLOGY

LINE OF GARAGE BELOW -

COURTYARD

- LINE OF HARDSCAPE -

M VAN RENSSELAER HALL

1015A

LINE OF UTILITY TUNNEL BELOW -

FOREST HOME DR

WORK

HEB PEDESTRIAN

14400A N

WEST

1015W

RESERVOIR AVE

CONSTRUCTION STAGING PLAN

PEDESTRIAN

PLAZA



SEE CONSTRUCTION STAGING PLAN NOTES FOR ADDITIONAL INFORMATION.

SYMBOLS = = 1 101 100 Name _**A**_` Elevation [→]

DOOR/ WALL - DEMOLITION DOOR/ WALL - EXISTING

DOOR/ WALL - NEW

ITEMS FOR DEMOLITION WALL - BRICK WALL - CMU

WALL - CONCRETE WALL - EXISTING

> TAG - DOOR TAG - WINDOW TAG - WALL

TAG - ROOM # **CENTER LINE**

LEVEL MARKER

ELEVATION CHANGE ARROWS

COLUMN GRID MARKER

ELEVATION MARKER

BREAK LINE

---- 1-HOUR FIRE SEPARATION 2-HOUR FIRE SEPARATION

NOT IN CONTRACT MATCHLINE

ABBREVIATIONS

LAV LAVATORY

MFR MANUFACTURER

MO MASONRY OPENING

NOT RATED

ON CENTER

OFCI OWNER FURNISHED,

NTS NOT TO SCALE

OPNG OPENING

QTY QUANTITY

RISER

REQ REQUIRED

RTU ROOF TOP UNIT

SHTG SHEATHING

STEEL

TREAD

TEMP TEMPERATURE

TOS TOP OF STEEL

TV TELEVISION

TYP TYPICAL

TEL TELEPHONE

STD STANDARD

SIM SIMILAR

REV REVISION

NOT APPLICABLE

NOT IN CONTRACT

OUTSIDE DIAMETER

OSB ORIENTER STRAND BOARD

PRESSURE TREATED

RCP REFLECTED CEILING PLAN

ROOF DRAIN

REFRIGERATOR

ROUGH OPENING

SQUARE FOOT/ FEET

TONGUE & GROOVE

UEF UNEVEN FLUSH DOOR

UNO UNLESS NOTED OTHERWISE

VCT VINYL COMPOSITION TILE

VIF VERIFY IN FIELD

W/O WITHOUT

WD WOOD

UEV UNEVEN DOORS W/ VISION PANEL

STAINLESS STEEL

PLUS OR MINUS

CONTRACTOR INSTALLED

POUNDS PER SQUARE FOOT

POUNDS PER SQUARE INCH

LGMF LIGHT GAGE METAL FRAMING

LB/# POUND

MAT MATERIAL

MAX MAXIMUM

MIN MINIMUM

MTL METAL

NIC

OC

OD

PSF

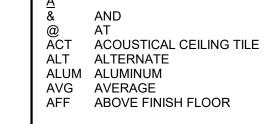
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REF

STL

T&G

MEZZ MEZZANINE



BOARD BLDG BUILDING BOD BOTTOM OF DECK BSMT BASEMENT

CORNER GUARDS CONTROL JOINT CLG CEILING CENTER LINE CLR CLEAR CMU CONCRETE MASONRY UNIT COL COLUMN CONC CONCRETE CONF CONFERENCE

CONT CONTINUOUS WALL - METAL STUD/ GWB CORR CORRIDOR CPT CARPET CRS COURSE(S) CT CERAMIC TILE

DEMO DEMOLITION DRINKING FOUNTAIN DIA DIAMETER DIM DIMENSION DN DOWN DO DOOR OPENING DWG DRAWING

EACH EJ EXPANSION JOINT ELEC ELECTRIC ELEV ELEVATION/ ELEVATOR EPDM RUBBER ROOF MEMBRANE EQ EQUAL EX'G EXISTING EXT EXTERIOR

FLOOR DRAIN FOUNDATION FEC FIRE EXTINGUISHER CABINET FINISH FLOOR ELEVATION FFE FPRF FIREPROOF(ING) FRP FIBER REINFORCED POLYESTER

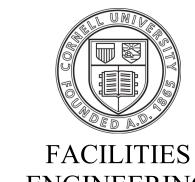
FOOT/FEET FTG FOOTING GAGE GALV GALVANIZED GENERAL CONTRACTOR GC GLASS

GEN GENERAL GWB GYPSUM WALL BOARD HANDICAPPED HEIGHT

НМ **HOLLOW METAL** HR HOUR HVAC HEATING, VENTILATING & AC <u>J</u> JAN JANITOR

GENERAL NOTES

- 1.0 DESIGN, CONSTRUCTION AND SAFETY SHALL CONFORM TO ALL LOCAL, STATE AND OWNER SPECIFIC CODES, INCLUDING (BUT NOT LIMITED TO) THE NEW YORK STATE UNIFORM FIRE PROTECTION AND BUILDING CODE, LATEST REVISION, THE NFPA 101 LIFE SAFETY CODE, LATEST REVISION, ANSI A117.1 - LATEST REVISION, OSHA, AND ANY OTHER CODES GOVERNED BY THE JURISDICTION IN WHICH THIS PROJECT IS BEING CONSTRUCTED.
- 2.0 THIS CONTRACT REQUIRES COMPLETE, FINISHED WORKABLE PROJECT OF THE AREAS INDICATED BY THE CONTRACT DOCUMENTS, AND SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY TO COMPLETE, REGARDLESS OF WHETHER OR NOT ALL WORK OR EACH ITEM IS SPECIFICALLY INDICATED ON ANY OTHER PORTION OF THE DRAWINGS AND / OR NOTES.
- 3.0 WHERE MATERIALS REFERENCED ON DRAWINGS, OR NECESSARY TO COMPLETE THE WORK OF THIS CONTRACT ARE NOT SPECIFIED HEREIN, PROVIDE BEST QUALITY MATERIALS. WHERE MATERIALS ARE INTENDED TO MATCH EXISTING. PROVIDE CLOSEST POSSIBLE MATCH. SUBJECT TO OWNER'S APPROVAL. ALL ITEMS AND WORK ON DRAWINGS ARE NEW. UNLESS INDICATED EXISTING, ALL WORK WHICH HAS BEEN DAMAGED SHALL BE REPAIRED OR REPLACED AT NO COST TO THE OWNER. WHERE ITEMS CAN NOT BE REPAIRED TO A ""NEW CONDITION"", OR WHERE THE STRUCTURAL INTEGRITY HAS BEEN AFFECTED, ITEMS SHALL BE REPLACED AT NO COST TO THE OWNER.
- 4.0 CONTRACTOR IS RESPONSIBLE TO VERIFY ALL SITE, FIELD AND BUILDING CONDITIONS PRIOR TO SUBMITTING BIDS AND COMMENCING WORK. IF THERE ARE ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS, NOTIFY THE PROJECT MANAGER, WHO WILL REQUEST CLARIFICATION FROM THE ARCHITECT/ENGINEER AND PROVIDE CLARIFICATION IN WRITING.
- 5.0 WHERE EXISTING CONSTRUCTION OR ITEMS HAVE BEEN INFILLED, REMOVED AND / OR DISTURBED FOR INSTALLATION OF NEW WORK, CAUSING THE EXPOSURE OF UNFINISHED AND/OR DAMAGED SURFACES RESULTING SURFACES AND INFILLED SURFACES SHALL BE RECONSTRUCTED WITH MATERIALS TO MATCH FINISHED AREAS. ALL ABANDONED OPENINGS (i.e. DUCT/PIPE REMOVALS, ETC.) AT WALLS, ROOF OR FLOOR TO BE INFILLED SOLID.
- 6.0 WORK IS REQUIRED IN VARIOUS PORTIONS OF THE FACILITY TO EXECUTE WORK OF OTHER TRADES (i.e. ELECTRICAL, MECHANICAL). ALTHOUGH NOT NECESSARILY SHOWN ON DRAWINGS, WORK IS REQUIRED IN THESE AREAS CONSISTING OF REMOVAL / REPLACEMENT OF CEILINGS, WALLS, FINISHES, PAVEMENT AND OTHER CONSTRUCTION AS NECESSARY TO PERFORM WORK AND RESTORE THESE SPACES OR AREAS TO ORIGINAL CONDITION.
- 7.0 GENERAL CONTRACTOR IS TO COORDINATE WORK OF ALL TRADES. SCHEDULE WORK PROGRESS THROUGHOUT THE ENTIRE PROJECT TO PREVENT CONFLICTS AND INTERFERENCES. OBTAIN ALL NECESSARY INFORMATION SUCH AS SIZES, LOCATIONS, TEMPLATES, LAYOUT, DIMENSIONS AND ALL OTHER INFORMATION NECESSARY FOR A PROPER AND WELL COORDINATED INSTALLATION. PRIOR TO INSTALLATION OF ITEMS, VERIFY AND CONFIRM WITH EACH CONTRACTOR EXACT LOCATION OF ALL ITEMS.
- 8.0 ALL PENETRATIONS (EXISTING OR NEW) THROUGH FLOORS AND FULL HEIGHT WALLS - IN AREA OF WORK TO BE FIRE STOPPED. ALL GAPS AND JOINTS AT RATED FLOORS, ROOFS AND WALLS TO BE FIRE & SMOKE STOPPED. GAPS AND JOINTS INCLUDE (BUT ARE NOT LIMITED TO) TOP OF WALL TO FLOOR OR ROOF DECK, WALL TO BEAMS, AND CONTROL OR EXPANSION JOINTS. FIRE STOPPING INCLUDES BOTH FORM OR PACKING MATERIAL AND THE FILL, VOID OR CAVITY MATERIAL. PROVIDE AND INSTALL LABELING REQUIRED BY CODE. LABELS SHALL INCLUDE PENETRATION TYPE WITH UL LISTING USED, MATERIAL USED, DATE INSTALL AND NAME OF INSTALLER.
- 9.0 JOBSITE WILL BE CLEANED DAILY AND DEBRIS REMOVED TO CONTAINERS OR TO VEHICLE WHICH WILL REMOVE DEBRIS FROM CAMPUS. CONTAINERS WILL BE REMOVED AS SOON AS FULL OR WHEN THE PROJECT HAS PROGRESSED TO A POINT THAT A CONTAINER IS NO LONGER REQUIRED.
- 10.0 CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL AREAS USED TO BRING SUPPLIES AND EQUIPMENT INTO THE PROJECT AREA. ANY DAMAGE TO AREAS OUTSIDE THE PROJECT AREA INCLUDING BUT NOT LIMITED TO THE LOBBY AND CORRIDOR SHALL BE REPAIRED AT NO COST TO THE OWNER.
- 11.0 CONTRACTOR TO PROVIDE OVERHEAD PROTECTION FOR PEDESTRIAN TRAFFIC INGRESS/EGRESS.



ENGINEERING WWW.FCS.CORNELL.EDU ARCHITECTURAL, STRUCTURAL,

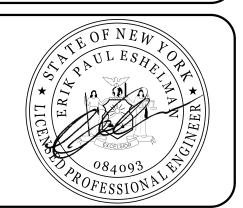
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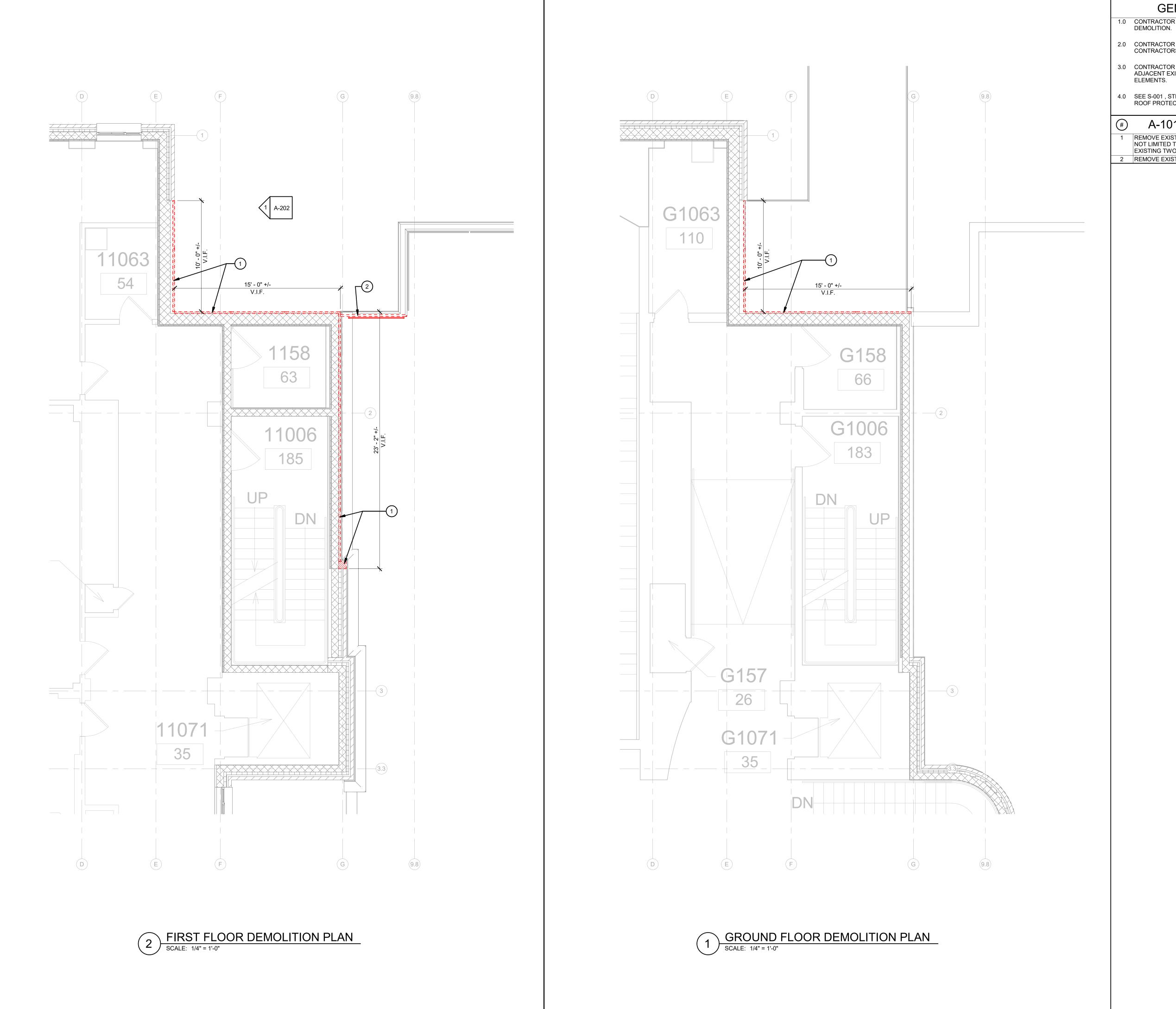
REPAIR **EXTERIOR** FACADE -MARTHA VAN RENSSELAER HALL WEST

DATE: JUNE 6, 2025 FACILITY: 1015W

DESIGN: J. COOLBAUGH DRAWN: JGC

GENERAL NOTES, **SYMBOLOGY** AND **ABBREVIATIONS**

A-001



GENERAL DEMOLITION NOTES

- 1.0 CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO THE START OF DEMOLITION.
- 2.0 CONTRACTOR SHALL COORDINATE REMOVALS WITH ALL ASSOCIATED CONTRACTORS PRIOR TO DEMOLITION.
- 3.0 CONTRACTOR IS RESPONSIBLE TO REPAIR ANY DAMAGES SUSTAINED TO ADJACENT EXISTING CONDITIONS DURING THE REMOVAL OF EXISTING BUILDING
- 4.0 SEE S-001, STRUCTURAL NOTES AND CONSTRUCTION STAGING PLAN NOTES FOR ROOF PROTECTION REQUIREMENTS.

A-101 KEYED DEMOLITION NOTES

1 REMOVE EXISTING EIFS SYSTEM DOWN TO EXISTING BACKUP CMU, INCLUDING BUT NOT LIMITED TO THE REMOVAL OF ALL EXISTING FURRING AND SHEATHING.

EXISTING TWO PIECE BASE COUNTER FLASHING TO REMAIN. 2 REMOVE EXISTING RAILING BACK TO EXISTING POST.

ENGINEERING

MECHANICAL, AND ELECTRICAL **ENGINEERING** 201 HUMPHREYS SERVICE BLDG ITHACA, NEW YORK 14853-3701

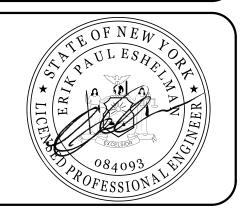
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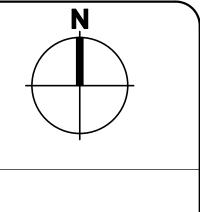


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116 RESERVOIR AVE ITHACA, NEW YORK 14853

REPAIR **EXTERIOR** FACADE -MARTHA VAN RENSSELAER HALL WEST

FACILITY: 1015W DESIGN: J. COOLBAUGH DRAWN: JGC

GROUND & FIRST **FLOOR** DEMOLITION

PLANS

A-101

GENERAL DEMOLITION NOTES

- 1.0 CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO THE START OF DEMOLITION.
- 2.0 CONTRACTOR SHALL COORDINATE REMOVALS WITH ALL ASSOCIATED CONTRACTORS PRIOR TO DEMOLITION.
- 3.0 CONTRACTOR IS RESPONSIBLE TO REPAIR ANY DAMAGES SUSTAINED TO ADJACENT EXISTING CONDITIONS DURING THE REMOVAL OF EXISTING BUILDING
- 4.0 SEE S-001, STRUCTURAL NOTES AND CONSTRUCTION STAGING PLAN NOTES FOR ROOF PROTECTION REQUIREMENTS.

A-102 KEYED DEMOLITION NOTES

1 REMOVE EXISTING EIFS SYSTEM DOWN TO EXISTING BACKUP CMU, INCLUDING BUT NOT LIMITED TO THE REMOVAL OF ALL EXISTING FURRING AND SHEATHING.

- EXISTING TWO PIECE BASE COUNTER FLASHING TO REMAIN. 2 REMOVE EXISTING COPING.
- REMOVE AND SALVAGE EXISTING BRICK FOR REINSTALLATION IN NEW LOCATION. REMOVE EXISTING LINTEL. PREPARE BACKUP CMU FOR NEW CONSTRUCTION.

ENGINEERING ARCHITECTURAL, STRUCTURAL, CIVIL, ENVIRONMENTAL,

ENGINEERING 201 HUMPHREYS SERVICE BLDG ITHACA, NEW YORK 14853-3701

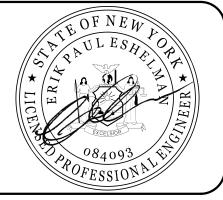
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REPAIR **EXTERIOR** FACADE -MARTHA VAN RENSSELAER HALL WEST

DATE: JUNE 6, 2025 FACILITY: 1015W

DESIGN: J. COOLBAUGH DRAWN: JGC

SECOND FLOOR & ROOF **DEMOLITION PLANS**

A-102

GENERAL NOTE

1. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION ON THE INSULATED METAL WALL PANELS AND FLUID APPLIED AIR BARRIER.

2. PREPARE EXISTING CMU WALL PER MANUFACTURER'S INSTRUCTIONS PRIOR TO AIR BARRIER INSTALLATION.

MASONRY SURFACES INCLUDING CMU AND CONCRETE MUST BE SMOOTH, CLEAN AND FREE OF FROST, FORM RELEASE AND CURING COMPOUNDS, OIL, EFFLORESCENCE, LAITANCE OR OTHER CONTAMINANTS. SURFACE HONEYCOMBS, BUG HOLES GREATER THAN 1/4" AND CRACKS WIDER THAN 1/8" SHOULD BE REPAIRED USING APPROPRIATE METHODS AND PRODUCT(S) SUCH AS AIR-BLOC LF®. MORTAR JOINTS MUST BE STRUCK FLUSH OR TOOLED, FREE OF VOIDS, FINS, AND MORTAR DROPPINGS

PRODUCT INFORMATION

CLEAN AND PREPARE/REPAIR THE WALL PER MANUFACTURER'S INSTRUCTIONS.

PT1 - (PAINT AT EXTERIOR EIFS)

(1) COAT OF PRIMER: MPI # 3 (1) COAT OF PAINT: MPI # 15 GLOSS LEVEL: NO GLOSS

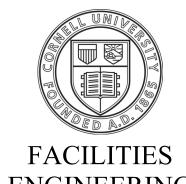
• VERTICAL METAL PANEL WALL SYSTEM:
• 2" INSULATED METAL PANEL

EXISTING CMU BACKUP WALL

3/8" AIR/SHIM SPACE

7/8" METAL FURRING

AIR BARRIER



ENGINEERING WWW.FCS.CORNELL.EDU

ARCHITECTURAL, STRUCTURAL, CIVIL, ENVIRONMENTAL,

MECHANICAL, AND ELECTRICAL **ENGINEERING** 201 HUMPHREYS SERVICE BLDG ITHACA, NEW YORK 14853-3701

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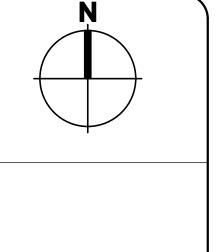
MECHANICAL:



REVISIONS
 1
 04/29/25
 ISSUE FOR 95% REVIEW

 2
 05/19/25
 ISSUE FOR COORDINATED REVIEW

 3
 06/06/25
 ISSUE FOR CONSTRUCTION



116 RESERVOIR AVE ITHACA, NEW YORK 14853

REPAIR **EXTERIOR** FACADE -MARTHA VAN RENSSELAER HALL WEST

JUNE 6, 2025 FACILITY: 1015W

DESIGN: J. COOLBAUGH DRAWN: JGC

GROUND & FIRST **FLOOR** RENOVATION **PLANS**

A-103

GENERAL NOTE

1. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION ON THE INSULATED METAL WALL PANELS AND FLUID APPLIED AIR BARRIER.

2. PREPARE EXISTING CMU WALL PER MANUFACTURER'S INSTRUCTIONS PRIOR TO AIR BARRIER INSTALLATION.

MASONRY SURFACES INCLUDING CMU AND CONCRETE MUST BE SMOOTH, CLEAN AND FREE OF FROST, FORM RELEASE AND CURING COMPOUNDS, OIL, EFFLORESCENCE, LAITANCE OR OTHER CONTAMINANTS. SURFACE HONEYCOMBS, BUG HOLES GREATER THAN 1/4" AND CRACKS WIDER THAN 1/8" SHOULD BE REPAIRED USING APPROPRIATE METHODS AND PRODUCT(S) SUCH AS AIR-BLOC LF®. MORTAR JOINTS MUST BE STRUCK FLUSH OR TOOLED, FREE OF VOIDS, FINS, AND MORTAR DROPPINGS

FACILITIES ENGINEERING

ARCHITECTURAL, STRUCTURAL, CIVIL, ENVIRONMENTAL,

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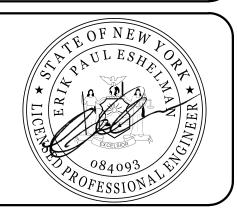
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ARCH/ CIVIL: ELECTRICAL:

MECHANICAL:

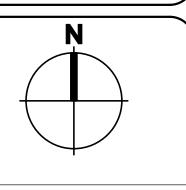


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CALE: 1/4" = 1'-0"

REPAIR EXTERIOR FACADE -MARTHA VAN RENSSELAER HALL WEST

116 RESERVOIR AVE ITHACA, NEW YORK 14853

DATE: JUNE 6, 2025

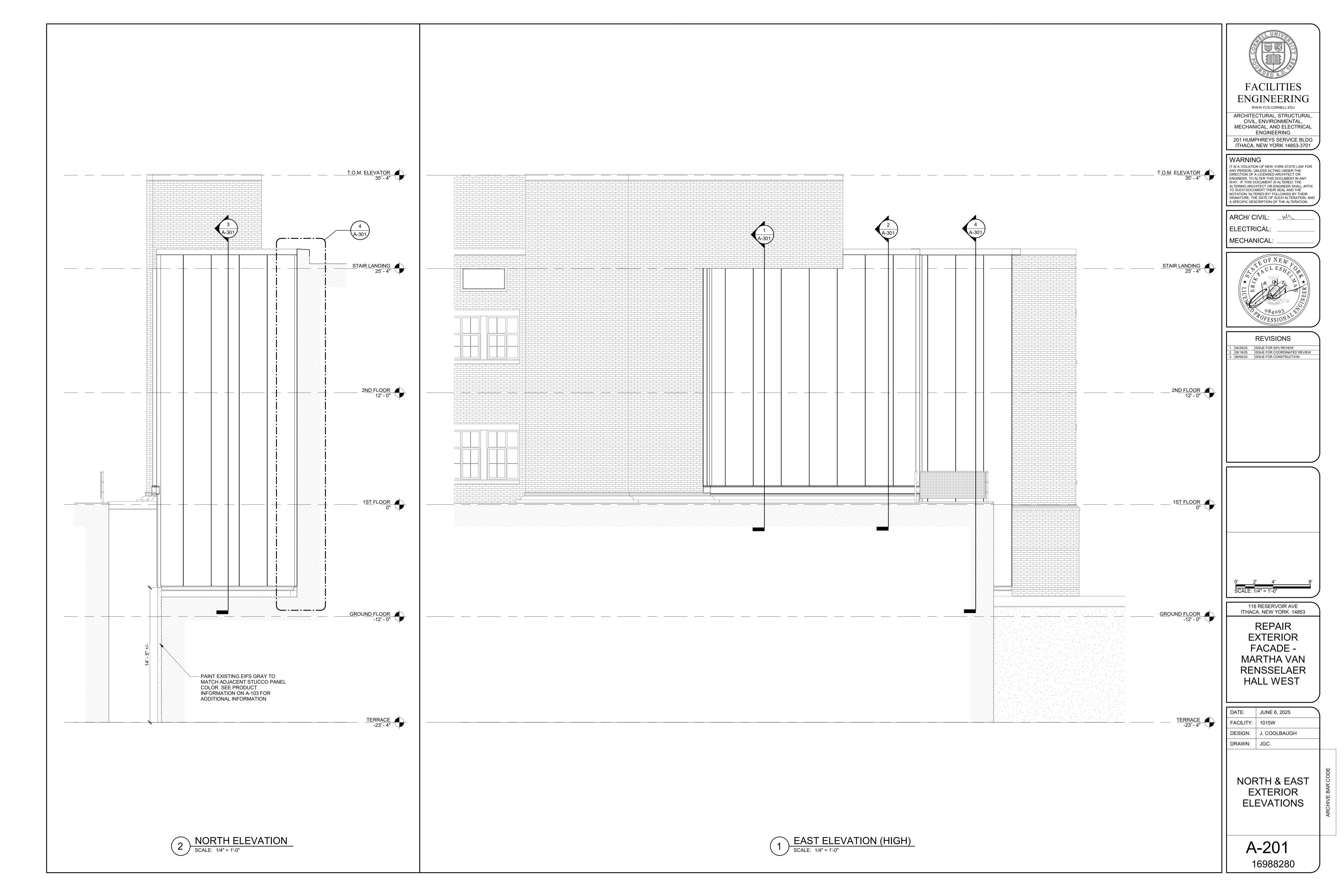
FACILITY: 1015W

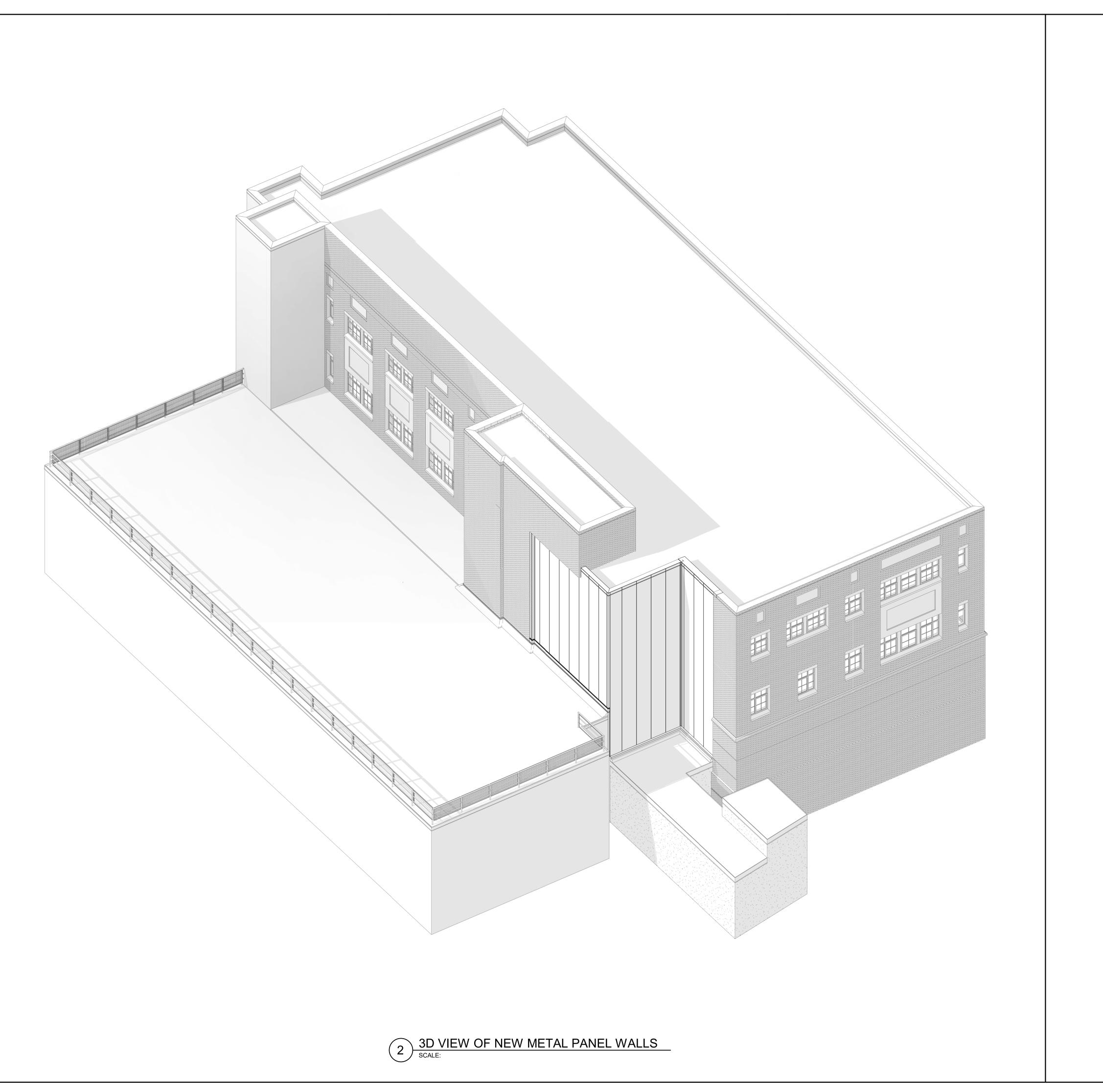
DESIGN: J. COOLBAUGH

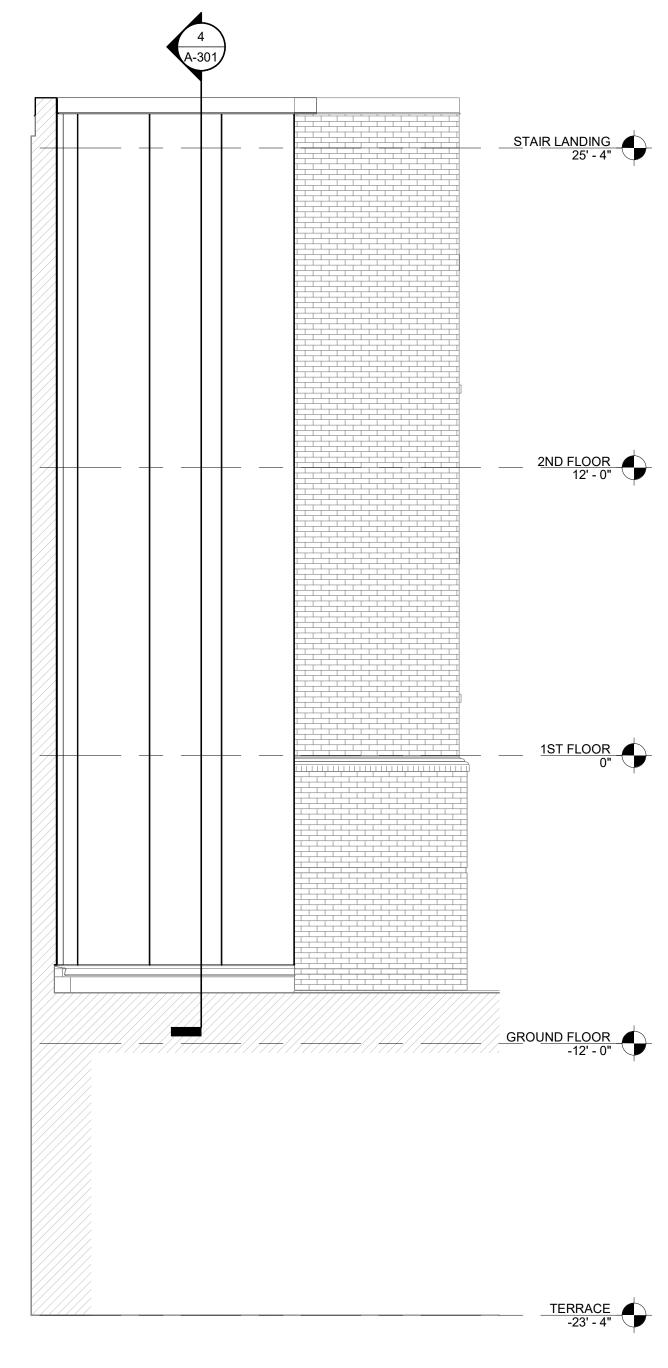
DRAWN: JGC

SECOND FLOOR & ROOF RENOVATION PLANS

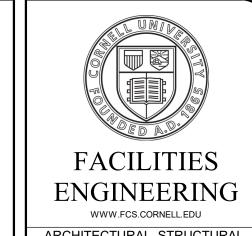
A-104







1 EAST ELEVATION (LOW)
SCALE: 1/4" = 1'-0"



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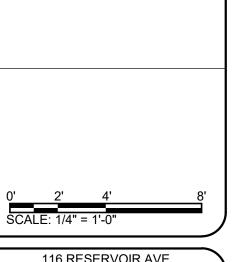
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ARCH/ CIVIL: _____
ELECTRICAL: ____



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116 RESERVOIR AVE ITHACA, NEW YORK 14853 REPAIR EXTERIOR FACADE -MARTHA VAN RENSSELAER HALL WEST

_							
DATE:	JUNE 6, 2025						
FACILITY:	1015W						
DESIGN:	J. COOLBAUGH						
DRAWN:	JGC						

EAST EXTERIOR ELEVATION (LOW) & 3D VIEW

A-202

