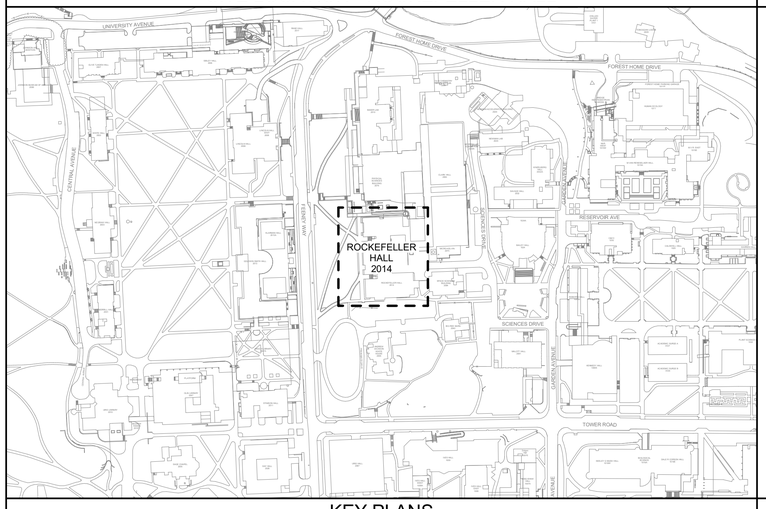
Cornell University

ROCKEFELLER HALL
FLOOD REMEDIATION RECONSTRUCTION

SITE LOCATION - ROCKEFELLER HALL



SITE PHOTO



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A-110 FIRST, SECOND, & THIRD FLOOR REFLECTED CEILING PLANS
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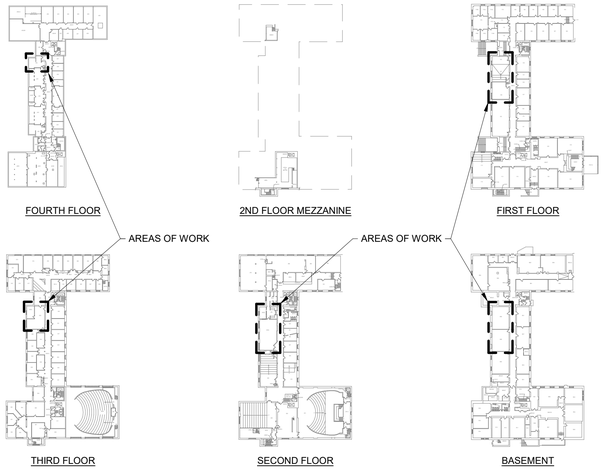
FIRE PROTECTION
FP-001 FIRE PROTECTION GEN. NOTES, SYMBOLOGY, SCHEDULES, & ABBREVIATIONS
FP-101 FIRE PROTECTION FIRST FLOOR DEMOLITION PLANS

PLUMBING
P-001 PLUMBING GEN. NOTES, SYMBOLOGY, & ABBREVIATIONS
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KEY PLANS



PROJECT SCOPE

THE PURPOSE OF THIS PROJECT IS TO PROVIDE RESTORATION OF AREAS WITHIN ROCKEFELLER HALL THAT WERE DAMAGED AS A RESULT OF A FROZEN ATTIC SPRINKLER PIPE. THE WORK INCLUDES THE PRESUMED REPLACEMENT OF GYPSUM WALL PARTITIONS, INTERIOR DOOR PANELS AND FRAMES, ACOUSTICAL CEILING TILES, FLOOR INFILL AND FINISHES, TRIM, PAINT, FIXED SEATING AND ASSOCIATED MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION MODIFICATIONS.

PRESUMED SCOPE AREAS ARE AS FOLLOWS:

- BASEMENT B26 & B30
- FIRST FLOOR 128 & 132
- SECOND FLOOR 250, 250A, & 250B
- THIRD FLOOR 350 & 350A
- FOURTH FLOOR 434

GENERAL SYMBOLS LEGEND

1 / 1 X-100 1 / 1 — EXTERIOR ELEVATION	1 / 1 X-100 1 / 1 — INTERIOR ELEVATION
1/ A-101	PHOTO/ VIEW REFERENCE
1 / X-100	SECTION MARKER
1 / X-100	ENLARGED DETAIL
#	CONSTRUCTION KEYED NOTE
#	DEMOLITION KEYED NOTE
#	DRAWING REVISION NOTE
	LINETYPE: EXISTING TO REMAIN
	LINETYPE: DEMOLITION / TO BE RELOCATED
	LINETYPE: TO BE PROVIDED / NEW

BUILDING CODE SUMMARY

APPLICABLE CODES
2025 NYS BUILDING CODE
2025 NYS EXISTING BUILDING CODE
2025 NYS FIRE CODE
2025 NYS PLUMBING CODE
2025 NYS MECHANICAL CODE
2025 NYS ENERGY CONSERVATION CODE
2017 ICC A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
2010 AMERICANS WITH DISABILITIES ACT (ADA)

PROJECT SUMMARY
THIS PROJECT INCLUDES THE RENOVATION OF 3,000 SF OF CLASSROOM AND OFFICES. THE WORK IS ALTERATION LEVEL 2.

BUILDING LIMITATIONS

CONSTRUCTION CLASSIFICATION:	3B
CLASSIFICATION OF HAZARDS:	NONE
HIGH-RISE BUILDING:	NO
EXTINGUISHING REQUIREMENT:	THE EXISTING BUILDING IS FULLY SPRINKLERED

OCCUPANCY
OCCUPANCY CLASSIFICATION: MIXED: BUSINESS (B) & ASSEMBLY (A)

FACILITIES ENGINEERING
WWW.FCS.CORNELL.EDU
ARCHITECTURE, AND CIVIL, ELECTRICAL, ENVIRONMENTAL, AND MECHANICAL ENGINEERING
201 HUMPHREYS SERVICE BLDG.
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ARCH/ CIVIL:
ELECTRICAL:
MECHANICAL:

STATE OF NEW YORK
ERIK PAUL ESHELMAN
LICENSED PROFESSIONAL ENGINEER
084093

REVISIONS

1	110226	ISSUE FOR CONSTRUCTION

N

231 FEENEY WAY
ITHACA, NEW YORK 14850

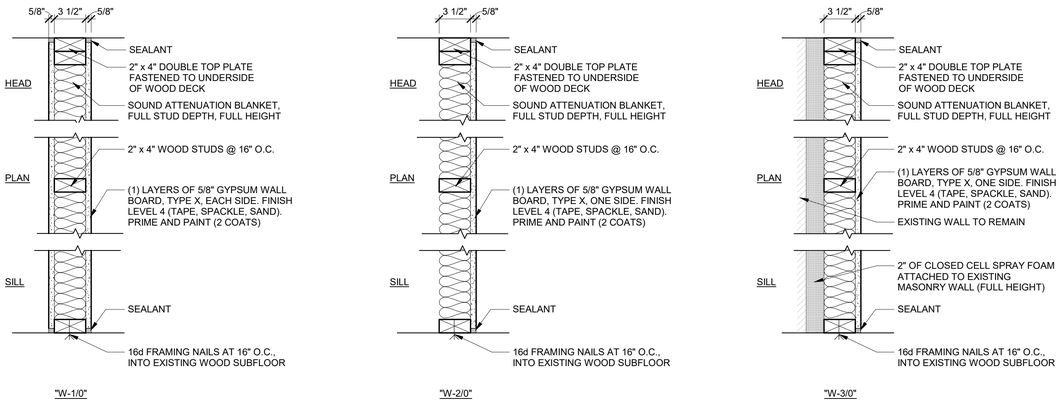
ROCKEFELLER HALL FLOOD REMEDIATION RECONSTRUCTION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	FE DESIGN
DRAWN:	EWK

TITLE SHEET

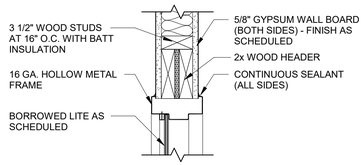
ARCHIVE BAR CODE

T-001
18341094

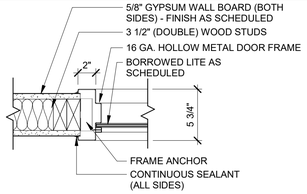


NOTE: ALL WALLS GO TO BOTTOM OF DECK UNLESS OTHERWISE NOTED.

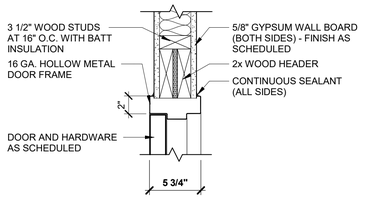
7 PARTITION TYPES
NOT TO SCALE



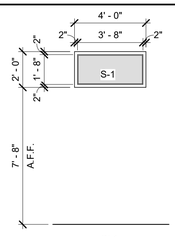
6 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



3 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



5 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"

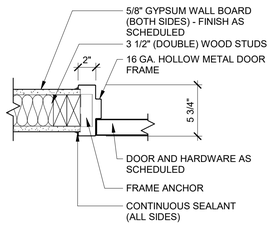


HOLLOW METAL BORROWED LITE FRAMES:
1. BASIS OF DESIGN FOR BORROWED LITE FRAMES - CURRIES OR APPROVED EQUAL.
   - WELDED CORNER CONSTRUCTION16 GAUGE FRAMES

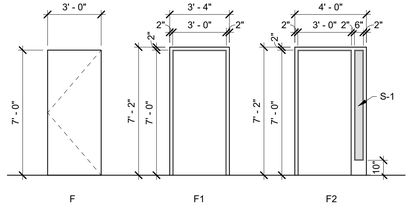
GLAZING:
1. S-1 - 1/4" FULLY TEMPERED SAFETY GLASS - CLEAR

NOTE: ALL EXISTING EXTERIOR WINDOWS ARE TO BE FULLY FUNCTIONAL. INSPECT AND PROVIDE NEW HARDWARE (LATCHES, COUNTERWEIGHTS, CHAINS, WEATHER STRIPPING, ETC.) AS REQUIRED. PAINT ALL WINDOWS - COLOR TO MATCH EXISTING.

2 WINDOW ELEVATIONS
NOT TO SCALE



4 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



WOOD DOORS:
1. BASIS OF DESIGN FOR NON-RATED FLUSH DOORS - ASPIRO SERIES SELECT WOOD VENEER BY FORTE OPENING SOLUTIONS OR APPROVED EQUAL.
   - STRUCTURED COMPOSITE LUMBER
   - THICKNESS: 1 3/4"
   - VENEER SPECIES: OAK
   - FINISH: MATCH EXISTING CORRIDOR/ OFFICE DOORS

HOLLOW METAL DOOR FRAMES:
1. BASIS OF DESIGN FOR DOOR FRAMES - CURRIES OR APPROVED EQUAL.
   - WELDED CORNER CONSTRUCTION
   - 3' WIDE AND UNDER: 16 GAUGE FRAMES
   - OVER 3' WIDE: 14 GAUGE FRAMES

GLAZING:
1. S-1 - 1/4" FULLY TEMPERED SAFETY GLASS - CLEAR

1 DOOR & FRAME ELEVATIONS
NOT TO SCALE

DOOR SCHEDULE

MARK	LOCATION FROM RM. #	LOCATION TO RM. #	SLAB ACTIVE LEAF	SLAB HEIGHT	SLAB THICKNESS	SLAB ELEVATION	SLAB MATERIAL	SLAB FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FRAME GLAZING	FRAME SIDELITE	RATING	HDWR SET	HEAD DTL.	JAMB DTL.	COMMENTS
128		128	36"	84"	1 3/4"	F	WD	PF	F2	HM	PT	S-1	6"	(none)	1	5/A-001	4/A-001	DOORS WITH CARD ACCESS WILL NEED TO BE ORDERED WIH MCKINNEY QC-12 CABLES FROM POWER TRANSFER TO MORTISE POCKET. PROVIDE ALTERNATE HARDWARE SET 1A FOR CARD ACCESS.
132.1	100CA		36"	84"	1 3/4"	F	WD	PF	F1	HM	PT	-	0"	(none)	1	5/A-001	4/A-001	DOORS WITH CARD ACCESS WILL NEED TO BE ORDERED WIH MCKINNEY QC-12 CABLES FROM POWER TRANSFER TO MORTISE POCKET. PROVIDE ALTERNATE HARDWARE SET 1A FOR CARD ACCESS.
132.2	132	100CA	36"	84"	1 3/4"	F	WD	PF	F2	HM	PT	S-1	6"	(none)	1	5/A-001	4/A-001	DOORS WITH CARD ACCESS WILL NEED TO BE ORDERED WIH MCKINNEY QC-12 CABLES FROM POWER TRANSFER TO MORTISE POCKET. PROVIDE ALTERNATE HARDWARE SET 1A FOR CARD ACCESS.
250	250	200C	36"	84"	1 3/4"	F	WD	PF	F2	HM	PT	S-1	6"	(none)	1	5/A-001	4/A-001	DOORS WITH CARD ACCESS WILL NEED TO BE ORDERED WIH MCKINNEY QC-12 CABLES FROM POWER TRANSFER TO MORTISE POCKET. PROVIDE ALTERNATE HARDWARE SET 1A FOR CARD ACCESS.
350A	350	350A	36"	84"	1 3/4"	F	WD	PF	F2	HM	PT	S-1	6"	(none)	2	5/A-001	4/A-001	

SYMBOLS

DOOR/ WALL - DEMOLITION
DOOR/ WALL - EXISTING
DOOR/ WALL - NEW
ITEMS FOR DEMOLITION
WALL - BRICK
WALL - CMU
WALL - CONCRETE
WALL - METAL STUD/ GWB
WALL - EXISTING
TAG - DOOR (101)
TAG - WINDOW (1)
TAG - WALL (X-X / X)
TAG - ROOM # (100)
CENTER LINE
Name / Elevation — LEVEL MARKER
COLUMN GRID MARKER (0)
0' - 0" — ELEVATION MARKER
DN / UP — ELEVATION CHANGE ARROWS
BREAK LINE
1-HOUR FIRE SEPARATION
2-HOUR FIRE SEPARATION
NOT IN CONTRACT
MATCHLINE

ABBREVIATIONS

A	
&	AND
@	AT
ACT	ACOUSTICAL CEILING TILE
ALT	ALTERNATE
ALUM	ALUMINUM
AVG	AVERAGE
AFF	ABOVE FINISH FLOOR
B	
BD	BOARD
BLDG	BUILDING
BOD	BOTTOM OF DECK
BSMT	BASEMENT
C	
CG	CORNER GUARDS
CJ	CONTROL JOINT
CLG	CEILING
CL	CENTER LINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONT	CONTINUOUS
CORR	CORRIDOR
CPT	CARPET
CRS	COURSE(S)
CT	CERAMIC TILE
D	
DEMO	DEMOLITION
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DO	DOOR OPENING
DWG	DRAWING
E	
EA	EACH
EJ	EXPANSION JOINT
ELEC	ELECTRIC
ELEV	ELEVATION/ ELEVATOR
EPDM	RUBBER ROOF MEMBRANE
EQ	EQUAL
EXG	EXISTING
EXT	EXTERIOR
F	
FD	FLOOR DRAIN
FDN	FOUNDATION
FEC	FIRE EXTINGUISHER CABINET
FFE	FINISH FLOOR ELEVATION
FPRF	FIREPROOF(ING)
FRP	FIBER REINFORCED POLYESTER
FT	FOOT/FEET
FTG	FOOTING
G	
GA	GAGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERAL
GL	GLASS
GWB	GYPSUM WALL BOARD
H	
HC	HANDICAPPED
HT	HEIGHT
HM	HOLLOW METAL
HR	HOUR
HVAC	HEATING, VENTILATING & AC
J	
JAN	JANITOR
L	
LAV	LAVATORY
LB/#	POUND
LGMF	LIGHT GAGE METAL FRAMING
M	
MFR	MANUFACTURER
MAT	MATERIAL
MAX	MAXIMUM
MEZZ	MEZZANINE
MIN	MINIMUM
MO	MASONRY OPENING
MTL	METAL
N	
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NR	NOT RATED
NTS	NOT TO SCALE
O	
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OPNG	OPENING
OSB	ORIENTER STRAND BOARD
P	
+/-	PLUS OR MINUS
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
Q	
QTY	QUANTITY
R	
R	RISER
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REF	REFRIGERATOR
REQ	REQUIRED
REV	REVISION
RO	ROUGH OPENING
RTU	ROOF TOP UNIT
S	
SHTG	SHEATHING
SIM	SIMILAR
SF	SQUARE FOOT/ FEET
SS	STAINLESS STEEL
STL	STEEL
STD	STANDARD
T	
T	TREAD
T&G	TONGUE & GROOVE
TEL	TELEPHONE
TEMP	TEMPERATURE
TOS	TOP OF STEEL
TV	TELEVISION
TYP	TYPICAL
U	
UEV	UNEVEN DOORS W/ VISION PANEL
UEF	UNEVEN FLUSH DOOR
UNO	UNLESS NOTED OTHERWISE
V	
VCT	VINYL COMPOSITION TILE
VIF	VERIFY IN FIELD
W	
W/O	WITHOUT
WD	WOOD

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 AS 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, ROOFS, OR FLOORS 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, LAYOUTS, 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 AND SMOKE-STOPPED. GAPS AND JOINTS INCLUDE (BUT ARE NOT LIMITED TO) TOP OF WALLS TO FLOORS OR ROOF DECKS, WALLS 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 OF INSTALL, AND NAME OF INSTALLER.

9.0 JOBSITE WILL BE CLEANED DAILY AND DEBRIS REMOVED TO CONTAINERS OR TO VEHICLES 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 LOBBIES AND CORRIDORS SHALL BE REPAIRED AT NO COST TO THE OWNER.

ARCHITECTURAL SUBMITTAL REGISTRY

SECTION	DESCRIPTION	MATERIAL	SHOP DRAWINGS	COORD. DRAWINGS	AS-BUILT DRAWINGS	PRODUCT DATA	SCHEDULES	WIRING DIAGRAMS	CALCULATIONS	SAMPLES	MOCKUPS	STANDARDS	QUALIFICATIONS	CERTIFICATIONS	MFR. INSTRUCTIONS	INSP. & TEST REPORTS	OPS & MAINT. DATA	WARRANTIES & BONDS
06 10 00	ROUGH CARPENTRY					X												
06 11 00	WOOD FRAMING					X												
06 16 23	SUBFLOORING					X												
06 16 26	UNDERLAYMENT					X												
06 20 23	INTERIOR FINISH CARPENTRY					X												
06 46 33	WOOD STOPS, STOOLS AND SILLS		X			X												
06 61 16	SOLID SURFACING FABRICATIONS					X				X								
07 21 00	THERMAL INSULATION					X												
07 21 19	FOAMED-IN-PLACE INSULATION					X												
07 92 00	JOINT SEALANTS					X												
08 12 13	HOLLOW METAL FRAMES		X			X												
08 14 16	FLUSH WOOD DOORS		X			X												
08 14 33	STILE AND RAIL WOOD DOORS		X			X												
08 71 00	DOOR HARDWARE		X			X	X											
08 75 00	WINDOW HARDWARE		X			X	X											
08 80 00	GLAZING		X			X				X				X		X	X	
09 29 00	GYPSUM BOARD					X												
09 51 00	ACOUSTICAL CEILINGS					X												
09 64 29	WOOD STRIP AND PLANK FLOORING					X												
09 65 13.13	RESILIENT BASE	RESILIENT BASE				X				X								
09 68 13	TILE CARPETING					X												
09 91 00	PAINTING					X												
09 93 23	INTERIOR STAINING AND FINISHING					X												
10 11 13	CHALKBOARDS		X			X												
12 61 00	FIXED AUDIENCE SEATING		X			X				X								

DOOR HARDWARE SETS - BASE BID

SET 1:
(3) HINGES: MCKINNEY T4A3786 X 4 1/2" X 4 1/2", NRP, US10
(1) MORTISE LOCKSET: SARGENT 8241, LNL, US10
(1) CYLINDER RESTRICTED CYLINDER
(1) CLOSER SARGENT 351 X UO X EN
(3) SILENCERS DCI 8S

SET 2:
(3) HINGES: MCKINNEY TA2714 X 4 1/2" X 4 1/2", NRP, US10
(1) MORTISE LOCKSET: SARGENT 8205, LNL, US10
(1) CYLINDER RESTRICTED CYLINDER
(1) CLOSER SARGENT 351 X UO X EN
(3) SILENCERS DCI 8S

DOOR HARDWARE SETS - ALTERNATE GC-2

SET 1A:
(3) HINGES: MCKINNEY T4A3786 X 4 1/2" X 4 1/2", NRP, US10
(1) MORTISE LOCKSET: SARGENT SN200 X 82271 X 24 VOLTS X BIPS X OE X LNL X US10 X HAND
(1) POWER TRANSFER SECURITRON EL-CEPT
(1) CABLES MCKINNEY QC-CABLE X DOOR WIDTH
(1) CABLES QC-C1500P, 15'
(1) CYLINDER RESTRICTED CYLINDER
(1) CLOSER SARGENT 351 X UO X EN
(3) SILENCERS DCI 8S

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ARCH/ CIVIL:
ELECTRICAL:
MECHANICAL:



REVISIONS

1	11/02/26	ISSUE FOR CONSTRUCTION

231 FEENEY WAY
ITHACA, NEW YORK 14850

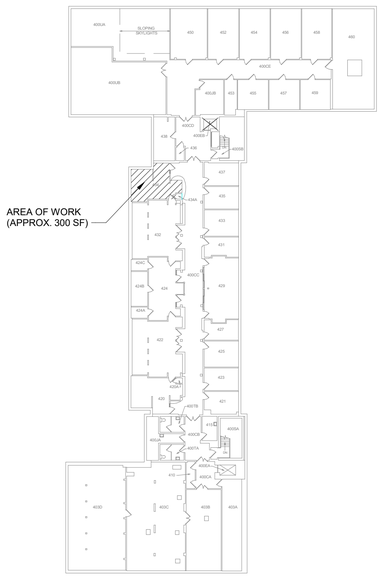
ROCKEFELLER HALL
FLOOD REMEDIATION
RECONSTRUCTION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	J. COOLBAUGH
DRAWN:	JGC

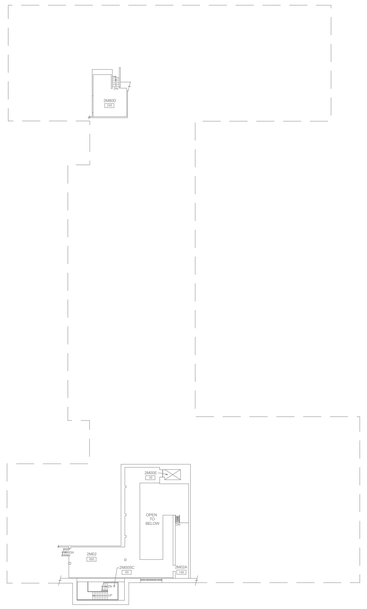
GEN. NOTES, SYMBOLOGY, & ABBREVIATIONS

ARCHIVE BAR CODE

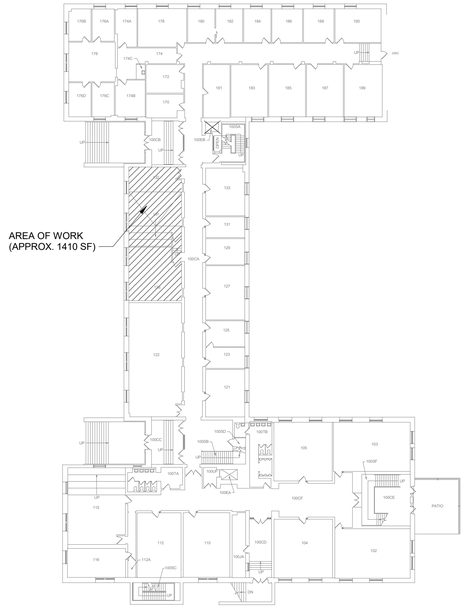
A-001
18341094



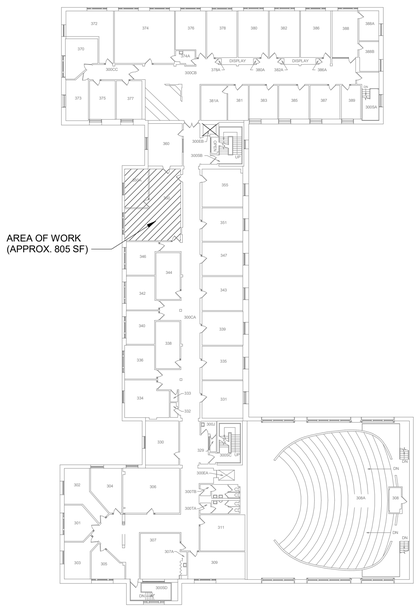
6 FOURTH FLOOR CODE PLAN
SCALE: 1/32" = 1'-0"



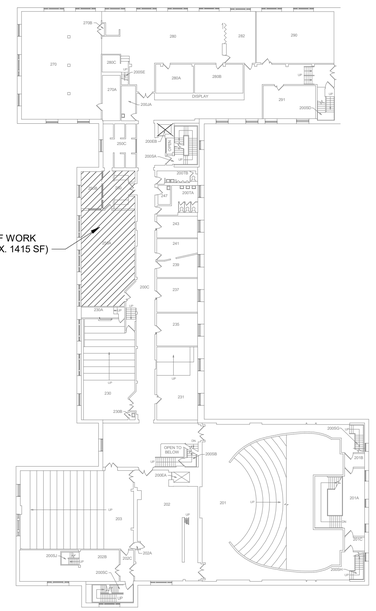
4 SECOND FLOOR MEZZ. PLAN
SCALE: 1/32" = 1'-0"



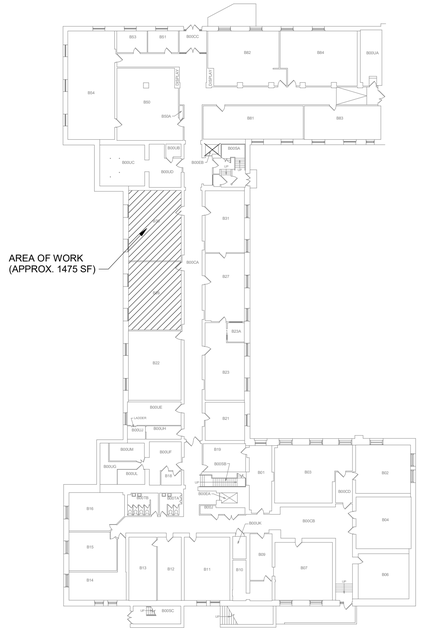
2 FIRST FLOOR CODE PLAN
SCALE: 1/32" = 1'-0"



5 THIRD FLOOR CODE PLAN
SCALE: 1/32" = 1'-0"



3 SECOND FLOOR CODE PLAN
SCALE: 1/32" = 1'-0"



1 BASEMENT CODE PLAN
SCALE: 1/32" = 1'-0"

CODE LEGEND

(E)	COMMON EXIT
(AE)	ACCESSIBLE EXIT
→→→→	COMMON PATH OF EGRESS TRAVEL DISTANCE PER TABLE 1006.2.1 ALLOWABLE: 75'-0" ACTUAL: COMPLIANT
→→→→	EXIT ACCESS TRAVEL DISTANCE PER TABLE 1017.2 ALLOWABLE: 250'-0" ACTUAL: COMPLIANT
—·—	1-HOUR CONSTRUCTION MINIMUM
—··—	2-HOUR CONSTRUCTION MINIMUM

(#) A-002 KEYED CODE NOTES

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ELECTRICAL:
MECHANICAL:

STATE OF NEW YORK · ERIK PAUL ESHELMAN · LICENSED PROFESSIONAL ENGINEER · 084093

REVISIONS

1	11/02/26	ISSUE FOR CONSTRUCTION

N

0' 16' 32' 64'
SCALE: 1/32" = 1'-0"

231 FEENEY WAY
ITHACA, NEW YORK 14850

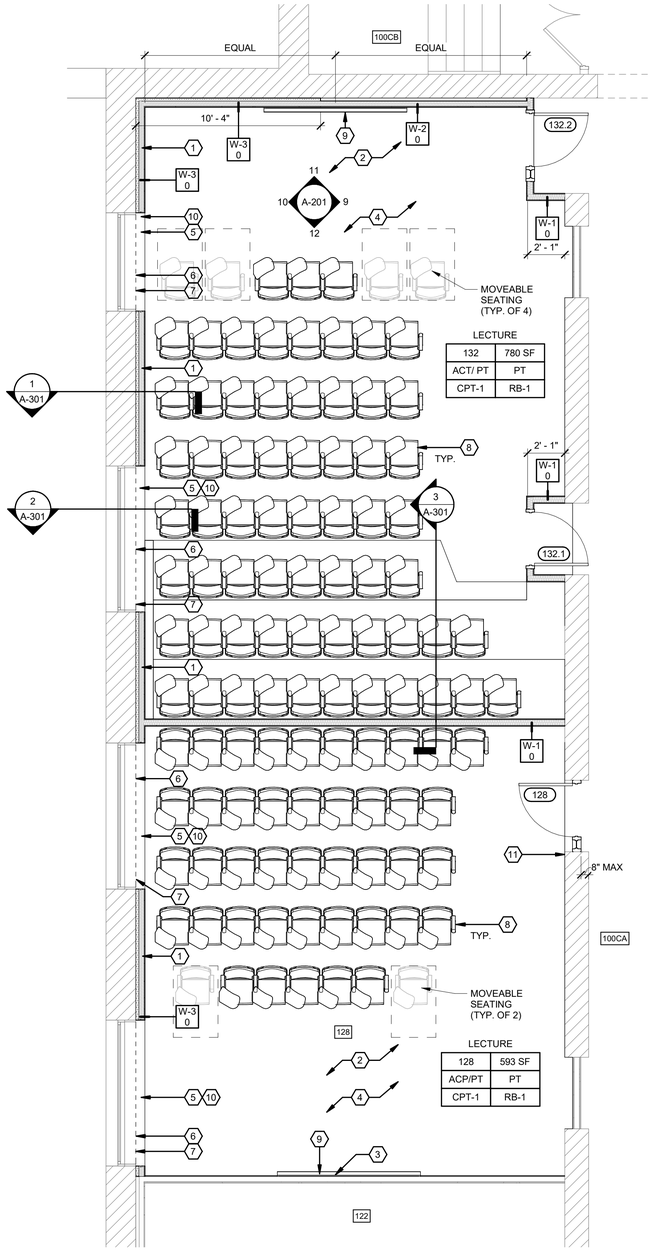
ROCKEFELLER HALL FLOOD REMEDIATION RECONSTRUCTION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	J. COOLBAUGH
DRAWN:	JGC

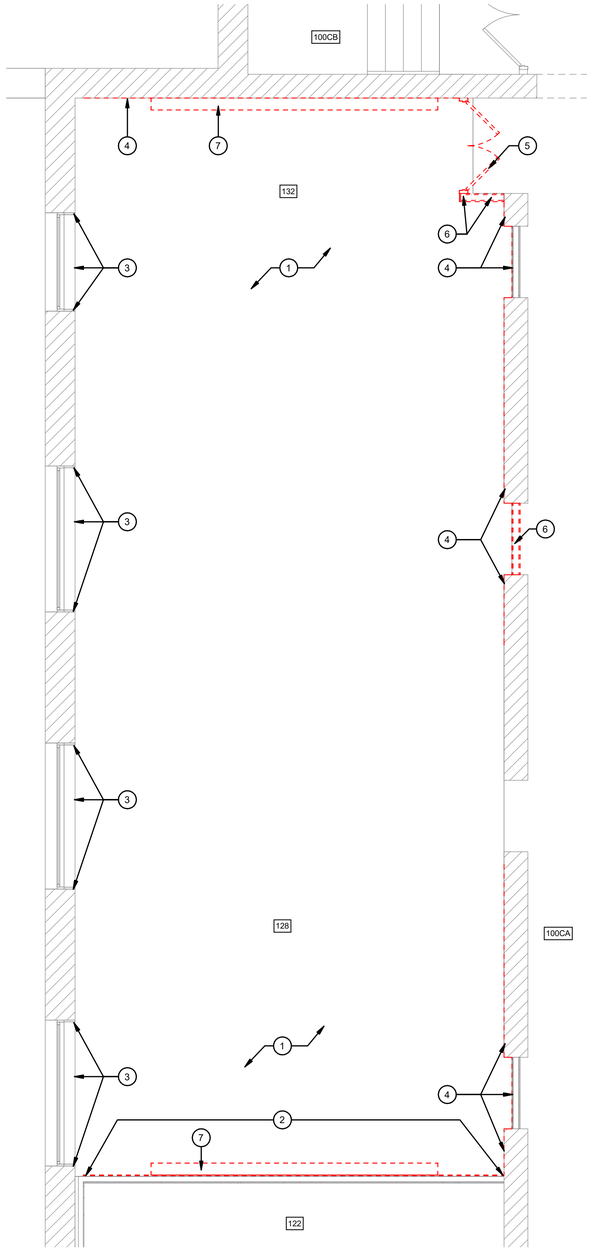
CODE AND ACCESSIBILITY CONFORMANCE PLANS

ARCHIVE BAR CODE

A-002
18341094



2 FIRST FLOOR RENOVATION PLAN
SCALE: 1/4" = 1'-0"



1 FIRST FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES

1.0 CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO THE START OF DEMOLITION.

2.0 DIMENSIONS SHOWN TO PROVIDE A NEW OPENING IN AN EXISTING WALL SHALL BE COORDINATED FOR SIZE AND LOCATION WITH THE NEW WORK PLAN.

3.0 CONTRACTOR SHALL COORDINATE REMOVALS WITH ALL ASSOCIATED CONTRACTORS PRIOR TO DEMOLITION.

4.0 CONTRACTOR IS RESPONSIBLE TO REPAIR ANY DAMAGED SUSTAINED TO ADJACENT EXISTING CONDITIONS DURING THE REMOVAL OF EXISTING BUILDING ELEMENTS.

(#) A-101 KEYED DEMOLITION NOTES

1	REMOVE AND DISPOSE OF ANY EXISTING WALL MOUNTED ACCESSORIES.
2	REMOVE EXISTING GYPSUM WALL BOARD FULL HEIGHT OF WALL. EXISTING STUDS TO REMAIN.
3	REMOVE ANY REMAINING WOOD TRIM FROM AROUND THE WINDOWS.
4	REMOVE ANY REMAINING WALL BASE.
5	REMOVE EXISTING DOOR AND FRAME.
6	REMOVE EXISTING WALL.
7	REMOVE AND DISPOSE OF EXISTING CHALKBOARD.

GENERAL RENOVATION NOTES

1.0 ALL DIMENSIONS ARE TO THE FACE OF STUD UNLESS OTHERWISE NOTED.

(#) A-101 KEYED RENOVATION NOTES

1	SEE WALL PARTITION TYPES ON A-001 AND WALL SECTION 1 / A-301 FOR WALL FURRING AND INSULATION DETAILS.
2	PROVIDE CARPET TILE AS SCHEDULED, 1/8" UNDERLAYMENT, AND 2 LAYERS OF 3/4" PLYWOOD SUBFLOOR (STAGGER JOINTS) OVER EXISTING 1 1/8" SUBFLOOR.
3	PROVIDE 5/8" GYPSUM WALL BOARD – SPACKLE, SAND, PRIME AND PAINT (2 COATS) TO A LEVEL 4 FINISH.
4	PROVIDE NEW WALL BASE AS SCHEDULED.
5	PROVIDE NEW WOOD WINDOW SILL.
6	PROVIDE WINDOW TREATMENT, (MANUAL SOLAR SHADE).SEE PRODUCT INFORMATION ON REFLECTED CEILING PLAN.
7	ALTERNATE GC-1: IN LIEU OF MANUAL SOLAR SHADE, PROVIDE MOTORIZED DUAL SHADE.SEE PRODUCT INFORMATION ON REFLECTED CEILING PLAN.
8	PROVIDE FIXED SEATING WITH TABLET ARMS. SEE PRODUCT INFORMATION ON REFLECTED CEILING PLAN.
9	PROVIDE NEW CHALKBOARD.
10	ALTERNATE GC-3: IN LIEU OF WOOD WINDOW SILL, PROVIDE NEW CORIAN SOLID SURFACE WINDOW SILL OR APPROVED EQUAL.
11	PATCH EXISTING BRICK WHERE CORES ARE EXPOSED.

FINISH LEGEND
(BASIS OF DESIGN PRODUCTS OR EQUAL)

ROOM NAME

ROOM #	AREA
CLG FIN	WALL FIN
FLR FIN	BASE FIN

ACP ACOUSTICAL CEILING PANEL SYSTEM
(OWNER FURNISHED CEILING TILE, CONTRACTOR PROVIDED GRID AND SYSTEM INSTALL)

ARMSTRONG
OPTIMA SQUARE LAY-IN
SIZE: 24"X48" AND 24"X96"
SUSPENSION SYSTEM: PRELUDE XL 15/16" EXPOSED TEE
(CUSTOM SOLUTION SEE TYPICAL DETAIL).

CPT-1 CARPET TILE
INTERFACE THIRD SPACE 304
COLOR: NICKEL (107888)
SIZE:50CM X 50CM
PATTERN: ASHLAR
INSTALLATION: ADHESIVE XL BRANDS ADHESIVE 2000 PLUS

WD WOOD FLOOR
SOLID PINE TONGUE AND GROOVE
SIZE: 3 1/4"X3/4"
PLANK LENGTH: RANDOM LENGTHS 1'-7'
FINISH: PREFINISHED. PROVIDE SAMPLES FOR SELECTION BY ARCHITECT.

EXG EXISTING TO REMAIN

GYP GYPSUM BOARD

PT PAINT (TYPICAL INTERIOR WALLS, GYPSUM CEILINGS, WOOD CEILING TRIM, CEILING JOISTS)
(1) COAT OF PRIMER: MPI #149
(2) COATS OF PAINT: MPI #145
GLOSS LEVEL: 3
COLOR: BENJAMIN MOORE, LINEN WHITE 912

PAINT (TYPICAL HM FRAMES)
(1) COAT OF PRIMER: MPI #149
(2) COATS OF PAINT: MPI #145
GLOSS LEVEL: 3
COLOR: BENJAMIN MOORE, GARGOYLE 1546

PAINT (EXISTING DUCTWORK, PIPING AND CONDUIT)
(1) COAT OF PRIMER: MPI #134
(2) COAT OF PAINT: MPI # 147
GLOSS LEVEL: 3
COLOR: BENJAMIN MOORE, LINEN WHITE 912

WDB WOOD BASE
HEIGHT: 6"
MATCH EXISTING PROFILE (VARIES BY FLOOR)
FINISH: STAIN TO MATCH WOOD FLOOR

RB-1 RUBBER BASE
JOHNSONITE
DURA-COVE RUBBER BASE WITH TOE
HEIGHT:6"
COLOR: BLACK (40)

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084093

REVISIONS

1	110226	ISSUE FOR CONSTRUCTION

N

0' 2' 4' 8'
SCALE: 1/4" = 1'-0"

231 FEENEY WAY
ITHACA, NEW YORK 14850

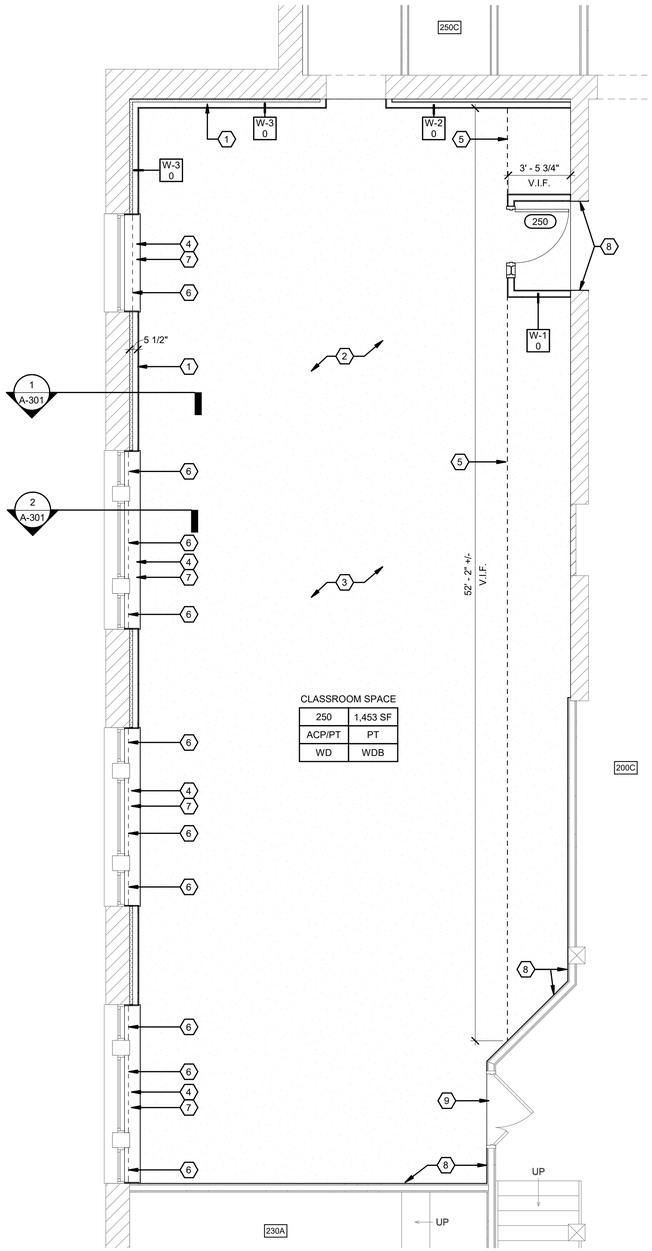
ROCKEFELLER HALL FLOOD REMEDIATION RECONSTRUCTION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	J. COOLBAUGH
DRAWN:	JGC

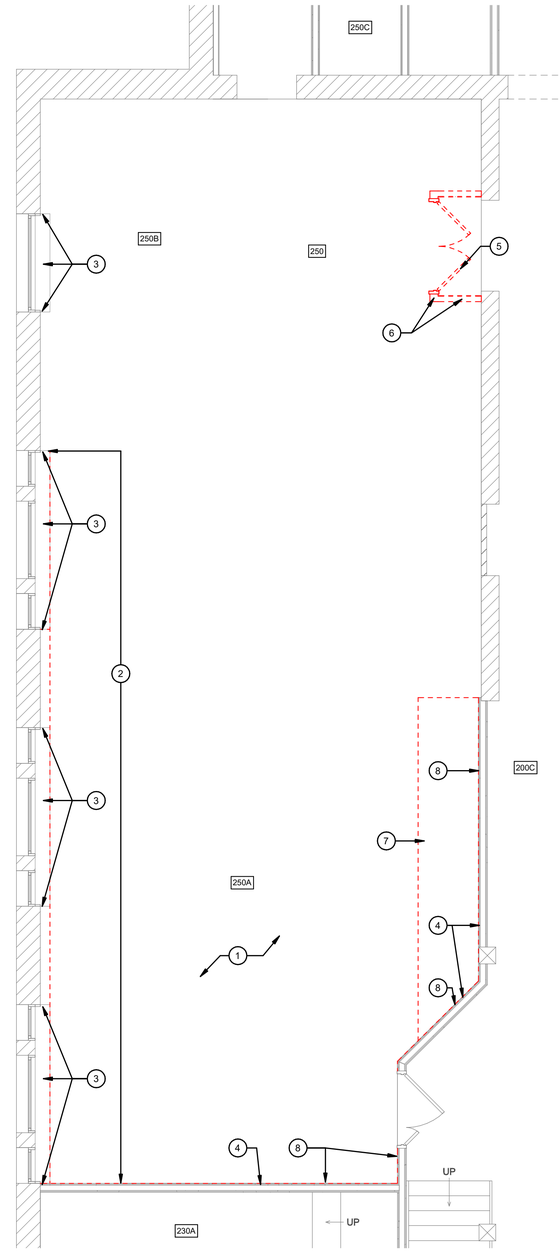
FIRST FLOOR DEMOLITION & RENOVATION PLANS

ARCHIVE BAR CODE

A-101
18341094



2 SECOND FLOOR RENOVATION PLAN
SCALE: 1/4" = 1'-0"



1 SECOND FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES

1.0 CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO THE START OF DEMOLITION.

2.0 DIMENSIONS SHOWN TO PROVIDE A NEW OPENING IN AN EXISTING WALL SHALL BE COORDINATED FOR SIZE AND LOCATION WITH THE NEW WORK PLAN.

3.0 CONTRACTOR SHALL COORDINATE REMOVALS WITH ALL ASSOCIATED CONTRACTORS PRIOR TO DEMOLITION.

4.0 CONTRACTOR IS RESPONSIBLE TO REPAIR ANY DAMAGED SUSTAINED TO ADJACENT EXISTING CONDITIONS DURING THE REMOVAL OF EXISTING BUILDING ELEMENTS.

(#) A-102 KEYED DEMOLITION NOTES

1	REMOVE AND DISPOSE OF ANY EXISTING WALL MOUNTED ACCESSORIES.
2	REMOVE REMAINING GYPSUM WALL BOARD AND WOOD FURRING FROM EXTERIOR WALL.
3	REMOVE ANY REMAINING WOOD TRIM FROM AROUND THE WINDOWS.
4	REMOVE ANY REMAINING WALL BASE.
5	REMOVE EXISTING DOOR AND FRAME.
6	REMOVE EXISTING WALL.
7	REMOVE REMAINING EXISTING GYPSUM WALLBOARD FROM SOFFIT. METAL FRAMING TO REMAIN.
8	REMOVE EXISTING GYPSUM WALL BOARD FROM EXISTING WOOD STUD WALL (FULL HEIGHT), EXISTING STUDS TO REMAIN.

GENERAL RENOVATION NOTES

1.0 ALL DIMENSIONS ARE TO THE FACE OF STUD UNLESS OTHERWISE NOTED.

(#) A-102 KEYED RENOVATION NOTES

1	SEE WALL PARTITION TYPES ON A-001 AND WALL SECTION 1 / A-301 FOR WALL FURRING AND INSULATION DETAILS.
2	PROVIDE 3/4" PINE T & G HARDWOOD FLOORING, 1/8" UNDERLAYMENT, AND 3/4" PLYWOOD SUBFLOOR (STAGGER JOINTS) OVER EXISTING 1 1/8" SUBFLOOR.
3	PROVIDE NEW WALL BASE AS SCHEDULE.
4	PROVIDE NEW WOOD WINDOW SILL.
5	PROVIDE NEW 2 1/2" METAL STUD AND 5/8" GYPSUM WALL BOARD SOFFIT. MATCH EXISTING ELEVATION. ALIGN WITH EXISTING REMAINING SOFFIT FRAMING. SPACKLE, SAND, PRIME AND PAINT (2 COATS) TO A LEVEL 4 FINISH.
6	PROVIDE WINDOW TREATMENT, (MANUAL SOLAR SHADE).SEE PRODUCT INFORMATION ON REFLECTED CEILING PLAN.
7	ALTERNATE GC-3: IN LIEU OF WOOD WINDOW SILL, PROVIDE NEW CORIAN SOLID SURFACE WINDOW SILL OR APPROVED EQUAL.
8	PROVIDE 5/8" GYPSUM WALL BOARD – SPACKLE, SAND, PRIME AND PAINT (2 COATS) TO A LEVEL 4 FINISH.
9	PAINT EXISTING HOLLOW METAL. SEE FINISH LEGEND.

FINISH LEGEND
(BASIS OF DESIGN PRODUCTS OR EQUAL)

ROOM NAME

ROOM #	AREA
CLG FIN	WALL FIN
FLR FIN	BASE FIN

ACP ACOUSTICAL CEILING PANEL SYSTEM
(OWNER FURNISHED CEILING TILE, CONTRACTOR PROVIDED GRID AND SYSTEM INSTALL)

ARMSTRONG
OPTIMA SQUARE LAY-IN
SIZE: 24"X48" AND 24"X96"
SUSPENSION SYSTEM: PRELUDE XL 15/16" EXPOSED TEE
(CUSTOM SOLUTION SEE TYPICAL DETAIL).

CPT-1 CARPET TILE
INTERFACE THIRD SPACE 304
COLOR: NICKEL (107888)
SIZE:50CM X 50CM
PATTERN: ASHLAR
INSTALLATION: ADHESIVE XL BRANDS ADHESIVE 2000 PLUS

WD WOOD FLOOR
SOLID PINE TONGUE AND GROOVE
SIZE: 3 1/4"X3/4"
PLANK LENGTH: RANDOM LENGTHS 1'-7'
FINISH: PREFINISHED. PROVIDE SAMPLES FOR SELECTION BY ARCHITECT.

EXG EXISTING TO REMAIN

GYP GYPSUM BOARD

PT PAINT (TYPICAL INTERIOR WALLS, GYPSUM CEILINGS, WOOD CEILING TRIM, CEILING JOISTS)
(1) COAT OF PRIMER: MPI #149
(2) COATS OF PAINT: MPI #145
GLOSS LEVEL: 3
COLOR: BENJAMIN MOORE, LINEN WHITE 912

PAINT (TYPICAL HM FRAMES)
(1) COAT OF PRIMER: MPI #149
(2) COATS OF PAINT: MPI #145
GLOSS LEVEL: 3
COLOR: BENJAMIN MOORE, GARGOYLE 1546

PAINT (EXISTING DUCTWORK, PIPING AND CONDUIT)
(1) COAT OF PRIMER: MPI #134
(2) COAT OF PAINT: MPI # 147
GLOSS LEVEL: 3
COLOR: BENJAMIN MOORE, LINEN WHITE 912

WDB WOOD BASE
HEIGHT: 6"
MATCH EXISTING PROFILE (VARIES BY FLOOR)
FINISH: STAIN TO MATCH WOOD FLOOR

RB-1 RUBBER BASE
JOHNSONITE
DURA-COVE RUBBER BASE WITH TOE
HEIGHT:6"
COLOR: BLACK (40)

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1	11/02/26	ISSUE FOR CONSTRUCTION

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0' 2' 4' 8'
SCALE: 1/4" = 1'-0"

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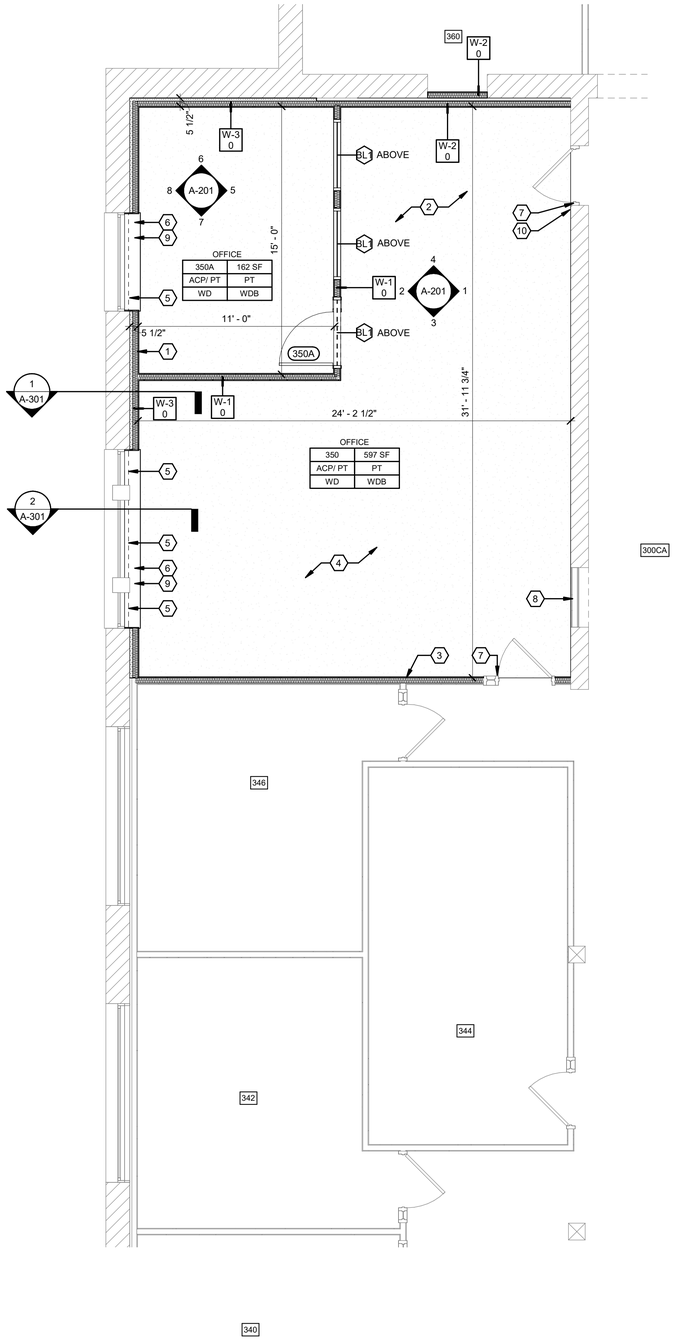
ROCKEFELLER HALL FLOOD REMEDIATION RECONSTRUCTION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	J. COOLBAUGH
DRAWN:	JGC

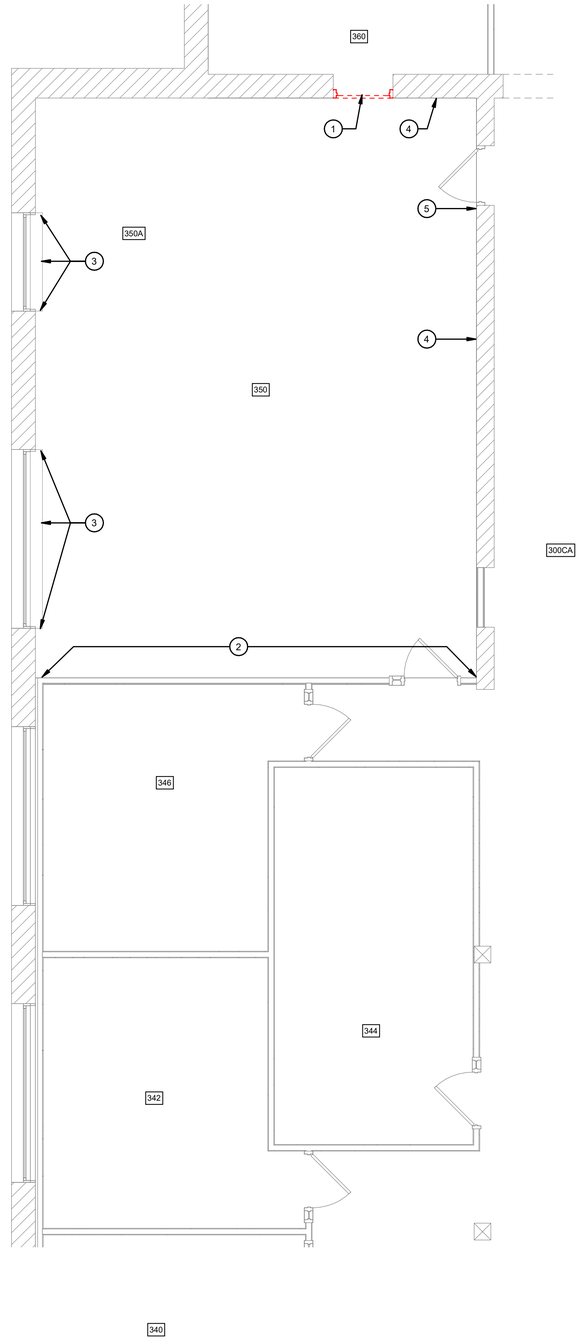
SECOND FLOOR DEMOLITION & RENOVATION PLANS

ARCHIVE BAR CODE

A-102
18341094



2 THIRD FLOOR RENOVATION PLAN
SCALE: 1/4" = 1'-0"



1 THIRD FLOOR DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES

1.0 CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO THE START OF DEMOLITION.

2.0 DIMENSIONS SHOWN TO PROVIDE A NEW OPENING IN AN EXISTING WALL SHALL BE COORDINATED FOR SIZE AND LOCATION WITH THE NEW WORK PLAN.

3.0 CONTRACTOR SHALL COORDINATE REMOVALS WITH ALL ASSOCIATED CONTRACTORS PRIOR TO DEMOLITION.

4.0 CONTRACTOR IS RESPONSIBLE TO REPAIR ANY DAMAGED SUSTAINED TO ADJACENT EXISTING CONDITIONS DURING THE REMOVAL OF EXISTING BUILDING ELEMENTS.

(#) A-103 KEYED DEMOLITION NOTES

1	REMOVE EXISTING DOOR AND FRAME.
2	REMOVE EXISTING GYPSUM WALL BOARD FULL HEIGHT OF WALL. EXISTING STUDS TO REMAIN.
3	REMOVE ANY REMAINING WOOD TRIM FROM AROUND THE WINDOWS.
4	REMOVE ANY REMAINING WALL BASE.
5	REMOVE EXISTING WOOD TRIM.

GENERAL RENOVATION NOTES

1.0 ALL DIMENSIONS ARE TO THE FACE OF STUD UNLESS OTHERWISE NOTED.

(#) A-103 KEYED RENOVATION NOTES

1	SEE WALL PARTITION TYPES ON A-001 AND WALL SECTION 1 / A-301 FOR WALL FURRING AND INSULATION DETAILS.
2	PROVIDE 3/4" PINE T & G HARDWOOD FLOORING, 1/8" UNDERLAYMENT, AND 3/4" PLYWOOD SUBFLOOR (STAGGER JOINTS) OVER EXISTING 1 1/8" SUBFLOOR.
3	PROVIDE 5/8" GYPSUM WALL BOARD – SPACKLE, SAND, PRIME AND PAINT (2 COATS) TO A LEVEL 4 FINISH.
4	PROVIDE 1X6 WOOD WALL BASE.
5	PROVIDE WINDOW TREATMENT, (MANUAL SOLAR SHADE).SEE PRODUCT INFORMATION ON REFLECTED CEILING PLAN.
6	PROVIDE NEW WOOD WINDOW SILL.
7	PAINT EXISTING HOLLOW METAL. SEE FINISH LEGEND.
8	PAINT EXISTING GYPSUM WALL. SEE FINISH LEGEND.
9	ALTERNATE GC-3: IN LIEU OF WOOD WINDOW SILL, PROVIDE NEW CORIAN SOLID SURFACE WINDOW SILL OR APPROVED EQUAL.
10	PATCH EXISTING BRICK WHERE CORES ARE EXPOSED.

FINISH LEGEND (BASIS OF DESIGN PRODUCTS OR EQUAL)

ROOM NAME

ROOM #	AREA
CLG FIN	WALL FIN
FLR FIN	BASE FIN

ACP ACOUSTICAL CEILING PANEL SYSTEM
(OWNER FURNISHED CEILING TILE, CONTRACTOR PROVIDED GRID AND SYSTEM INSTALL)

ARMSTRONG
OPTIMA SQUARE LAY-IN
SIZE: 24"X48" AND 24"X96"
SUSPENSION SYSTEM: PRELUDE XL 15/16" EXPOSED TEE
(CUSTOM SOLUTION SEE TYPICAL DETAIL).

CPT-1 CARPET TILE
INTERFACE THIRD SPACE 304
COLOR: NICKEL (107888)
SIZE:50CM X 50CM
PATTERN: ASHLAR
INSTALLATION: ADHESIVE XL BRANDS ADHESIVE 2000 PLUS

WD WOOD FLOOR
SOLID PINE TONGUE AND GROOVE
SIZE: 3 1/4"X3/4"
PLANK LENGTH: RANDOM LENGTHS 1'-7"
FINISH: PREFINISHED. PROVIDE SAMPLES FOR SELECTION BY ARCHITECT.

EXG EXISTING TO REMAIN

GYP GYPSUM BOARD

PT PAINT (TYPICAL INTERIOR WALLS, GYPSUM CEILINGS, WOOD CEILING TRIM, CEILING JOISTS)
(1) COAT OF PRIMER: MPI #149
(2) COATS OF PAINT: MPI #145
GLOSS LEVEL: 3
COLOR: BENJAMIN MOORE, LINEN WHITE 912

PAINT (TYPICAL HM FRAMES)
(1) COAT OF PRIMER: MPI #149
(2) COATS OF PAINT: MPI #145
GLOSS LEVEL: 3
COLOR: BENJAMIN MOORE, GARGOYLE 1546

PAINT (EXISTING DUCTWORK, PIPING AND CONDUIT)
(1) COAT OF PRIMER: MPI #134
(2) COAT OF PAINT: MPI # 147
GLOSS LEVEL: 3
COLOR: BENJAMIN MOORE, LINEN WHITE 912

WDB WOOD BASE
HEIGHT: 6"
MATCH EXISTING PROFILE (VARIES BY FLOOR)
FINISH: STAIN TO MATCH WOOD FLOOR

RB-1 RUBBER BASE
JOHNSONITE
DURA-COVE RUBBER BASE WITH TOE
HEIGHT:6"
COLOR: BLACK (40)

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LICENSED PROFESSIONAL ENGINEER
084093
STATE OF NEW YORK

REVISIONS

1	11/02/26	ISSUE FOR CONSTRUCTION

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0' 2" 4' 8'
SCALE: 1/4" = 1'-0"

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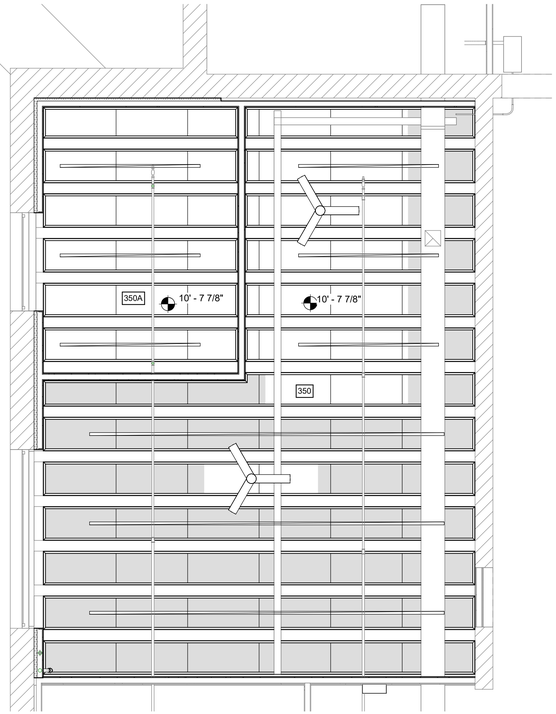
ROCKEFELLER HALL FLOOD REMEDIATION RECONSTRUCTION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	J. COOLBAUGH
DRAWN:	JGC

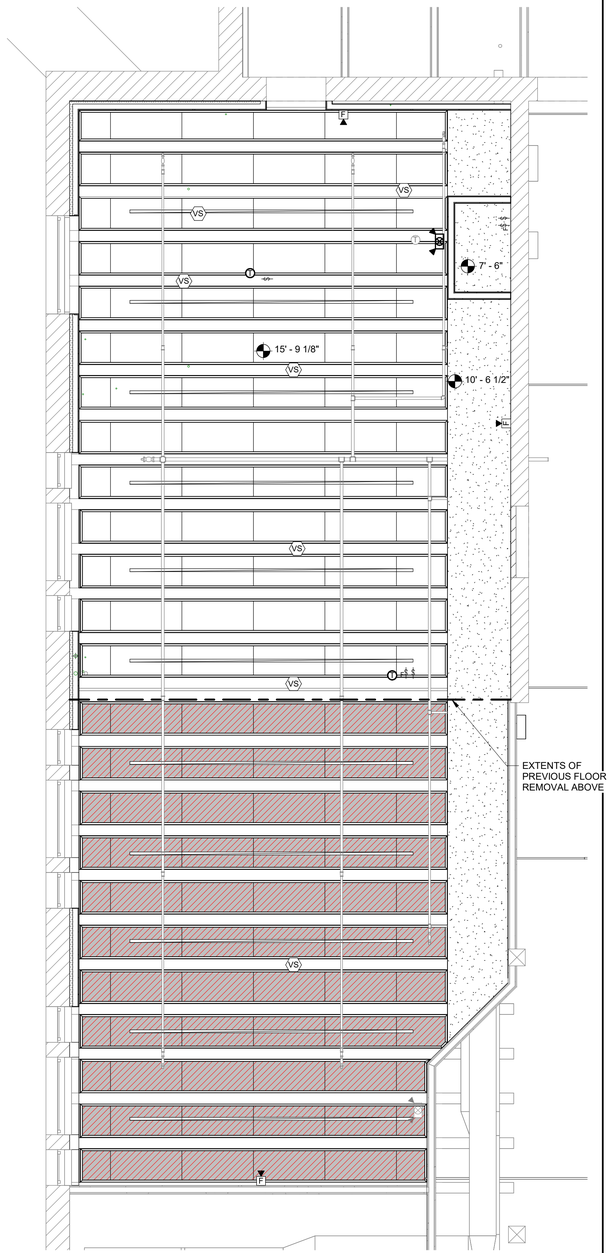
THIRD FLOOR DEMOLITION AND RENOVATION PLANS

ARCHIVE BAR CODE

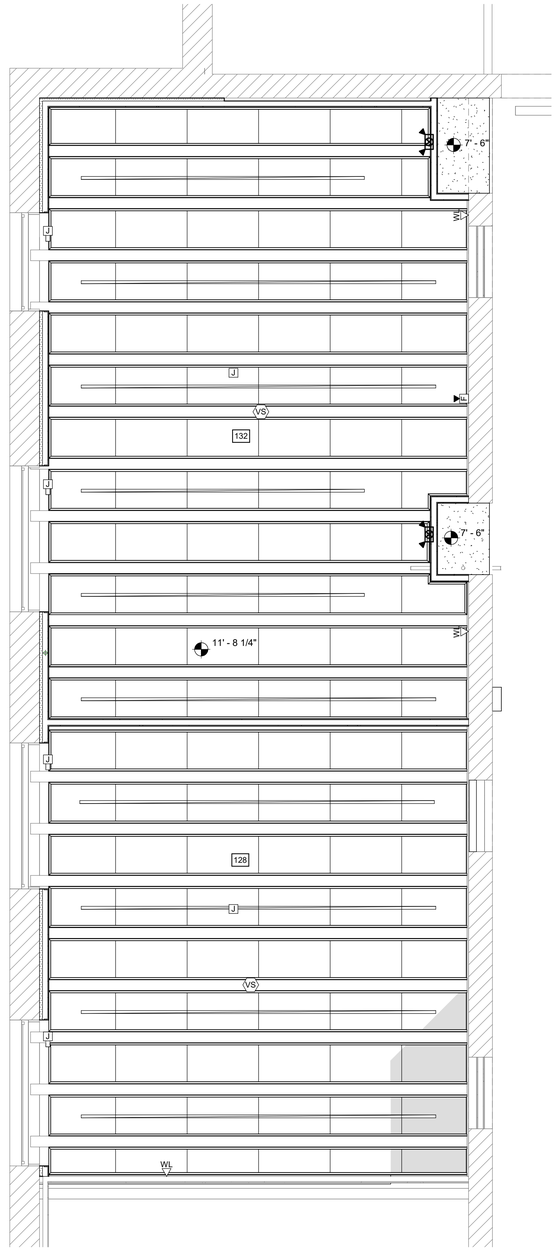
A-103
18341094



3 THIRD FLOOR REFLECTED CEILING RENOVATION PLAN
SCALE: 1/4" = 1'-0"



2 SECOND FLOOR REFLECTED CEILING RENOVATION PLAN
SCALE: 1/4" = 1'-0"



1 FIRST FLOOR REFLECTED CEILING RENOVATION PLAN
SCALE: 1/4" = 1'-0"

A-102 GENERAL RCP NOTES

1.0 PROVIDE WINDOW TREATMENTS AT ALL EXTERIOR WINDOWS.SEE RENOVATION PLANS FOR LOCATIONS.

2.0 ALL CEILING PANELS TO BE OWNER FURNISHED CONTRACTOR INSTALLED. ALL SUSPENSION GRID PRODUCTS TO BE PROVIDED BY CONTRACTOR, SEE PRODUCT INFORMATION BELOW.

REFLECTED CEILING PLAN LEGEND

- SUSPENDED LINEAR PENDANT
- S — SMOKE DETECTOR
- EXIT SIGN
- VS — VACANCY SENSOR
- F — HORN STROBE
- WL — WIRELESS ACCESS POINT
- CEILING FAN
- ACOUSTICAL CEILING SYSTEM
- GYPSUM WALLBOARD CEILING
- INDICATES LOCATIONS WHERE EXISTING ACOUSTICAL CEILING SYSTEM IS TO BE REMOVED
- INDICATES LOCATIONS WHERE EXISTING TONGUE AND GROOVE DECK IS TO REMAIN, SEE DETAIL 14/A-201. ALL OTHER LOCATIONS HAVE OPEN JOIST BAY TYPICAL DETAIL 13/A-201.

PRODUCT INFORMATION

WINDOW TREATMENTS: BASIS OF DESIGN
MANUFACTURER: MECHOSHADE
MANUAL SOLAR SHADE
PRODUCT: MECHO /5 WITH SNAPLOC FASCIA
SIZE: VARIES FIELD VERIFY
SHADE FABRIC: SOHO ELEVATE
COLOR: LIGHT GREY, 1183

WINDOW TREATMENTS: ALTERNATE 1
MANUFACTURER:DRAPER
MOTORIZED DUAL ROLLER SHADE
PRODUCT: MOTORIZED FLEXSHADE I/O AC WITH ENDCAPS AND FASCIA
SIZE: VARIES FIELD VERIFY
SHADE FABRIC: SHEERWEAVE PW4800 1%
COLOR: PEARL
AND
SHADE FABRIC: SPARTA TWILIGHT BLACKOUT
COLOR: GYPSUM WHITE

CEILING SUSPENSION SYSTEM
MANUFACTURER:ARMSTRONG
PRODUCTS: PRELUDE XL 15/16" EXPOSED TEE

FIXED SEATING WITH TABLET ARMS
MANUFACTURER: KI
PRODUCT LINE: CONCERTO AUDITORIUM SEATING
- MEDIUM TABLET ARMS
  - GRADE 1 LAMINATE
  - MODIFIED TABLET BOARD TO FIT 32" ROW TO ROW SPACING *(RISER DEPTHS WILL NEED TO BE CONFIRMED)*
- PALLAS GRADE E FABRIC
- PLASTIC ARM CAPS
- PLASTIC BACKS
- LAMINATE END PANELS
  - GRADE 1 LAMINATE

PROVIDE FIELD SURVEY SERVICE
- FIELD DIMENSIONS TAKEN USING TOTAL STATION W/LASER FOR FAST & EFFICIENT ON-SITE SURVEYING & DATA CAPTURE

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REVISIONS

1	11/02/26	ISSUE FOR CONSTRUCTION

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0' 2' 4' 8'
SCALE: 1/4" = 1'-0"

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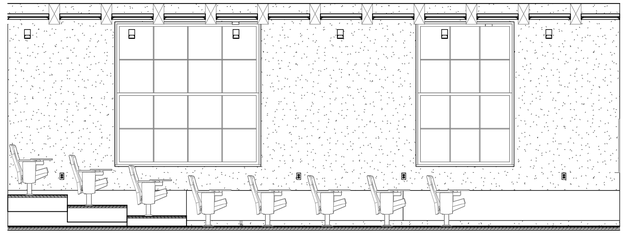
ROCKEFELLER HALL FLOOD REMEDIATION RECONSTRUCTION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	J. COOLBAUGH
DRAWN:	JGC

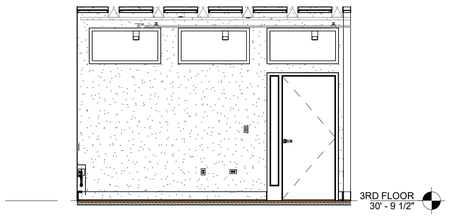
FIRST, SECOND, & THIRD FLOOR REFLECTED CEILING PLANS

ARCHIVE BAR CODE

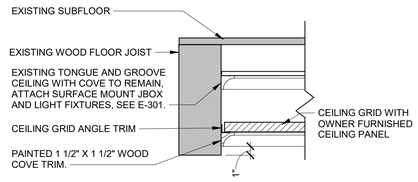
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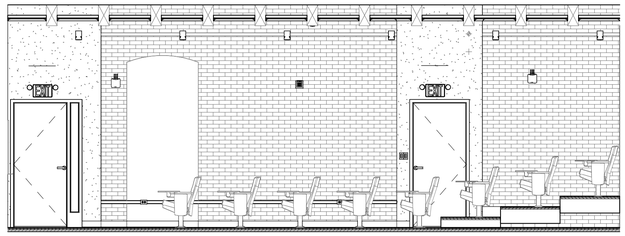
10 ROOM 132 WEST
SCALE: 1/4" = 1'-0"



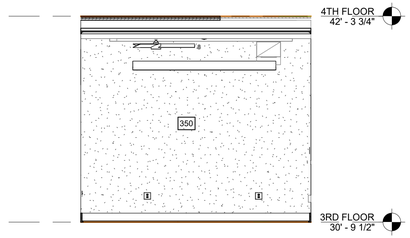
5 ROOM 350A EAST
SCALE: 1/4" = 1'-0"



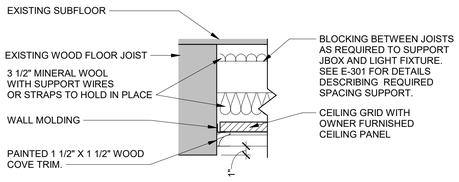
14 TYPICAL CEILING DETAIL WHERE EXISTING T&G CEILING REMAINS
SCALE: 1 1/2" = 1'-0"



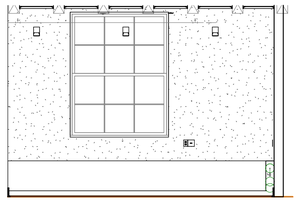
9 ROOM 132 EAST
SCALE: 1/4" = 1'-0"



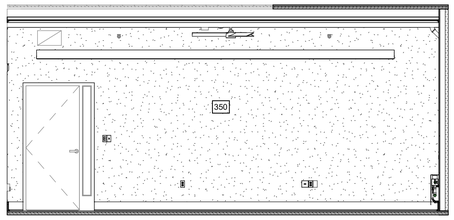
4 ROOM 350 NORTH
SCALE: 1/4" = 1'-0"



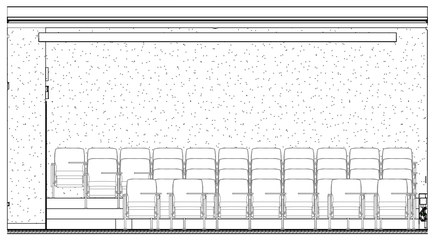
13 TYPICAL CEILING DETAIL AT OPEN JOIST BAY
SCALE: 1 1/2" = 1'-0"



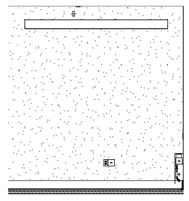
8 ROOM 350A WEST
SCALE: 1/4" = 1'-0"



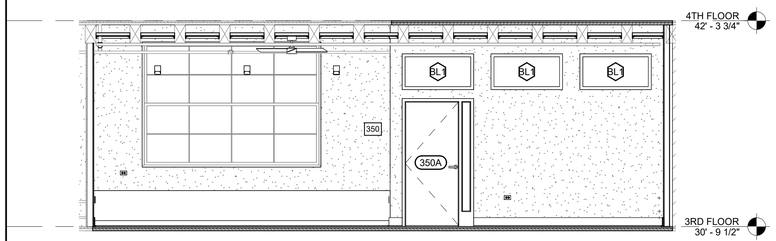
3 ROOM 350 SOUTH
SCALE: 1/4" = 1'-0"



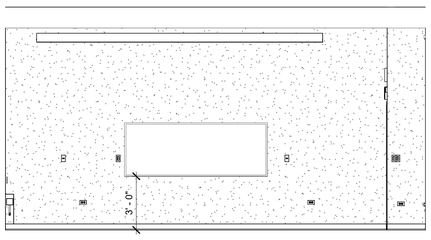
12 ROOM 132 SOUTH
SCALE: 1/4" = 1'-0"



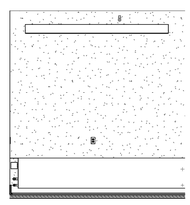
7 ROOM 350A SOUTH
SCALE: 1/4" = 1'-0"



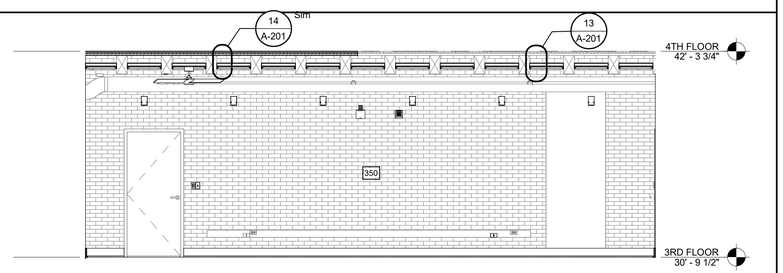
2 ROOM 350 WEST
SCALE: 1/4" = 1'-0"



11 ROOM 132 NORTH
SCALE: 1/4" = 1'-0"



6 ROOM 350A NORTH
SCALE: 1/4" = 1'-0"



1 ROOM 350 EAST
SCALE: 1/4" = 1'-0"

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1	110226	ISSUE FOR CONSTRUCTION

0' 2' 4' 8'
SCALE: 1/4" = 1'-0"

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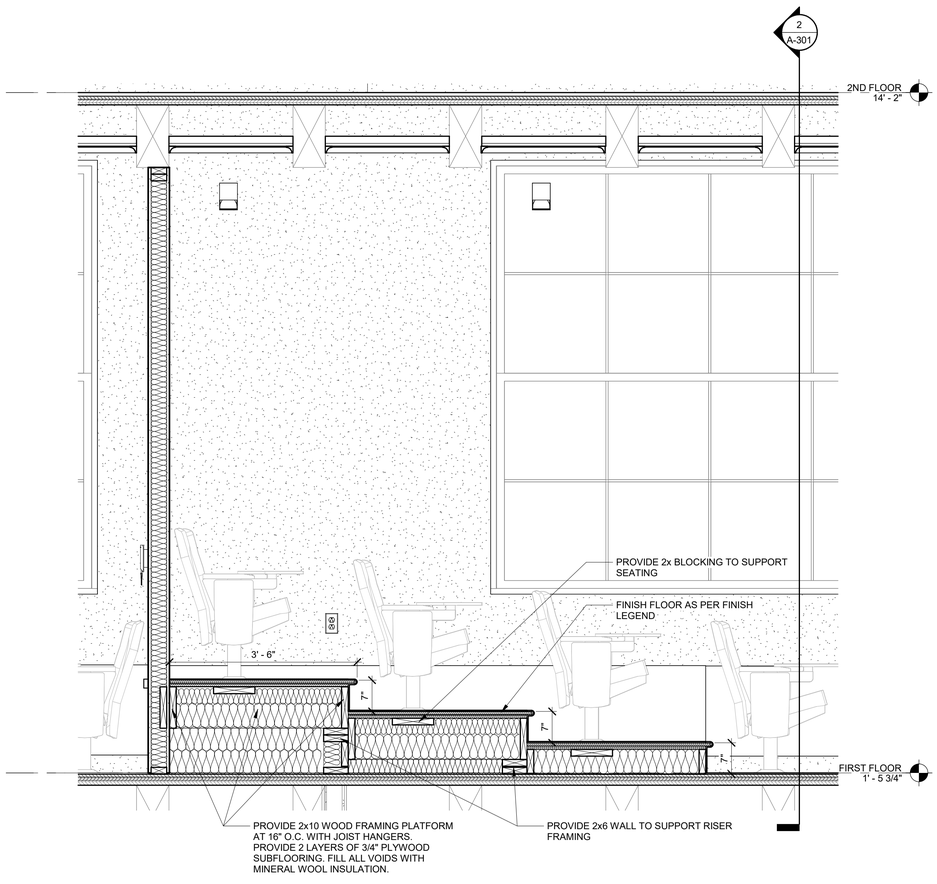
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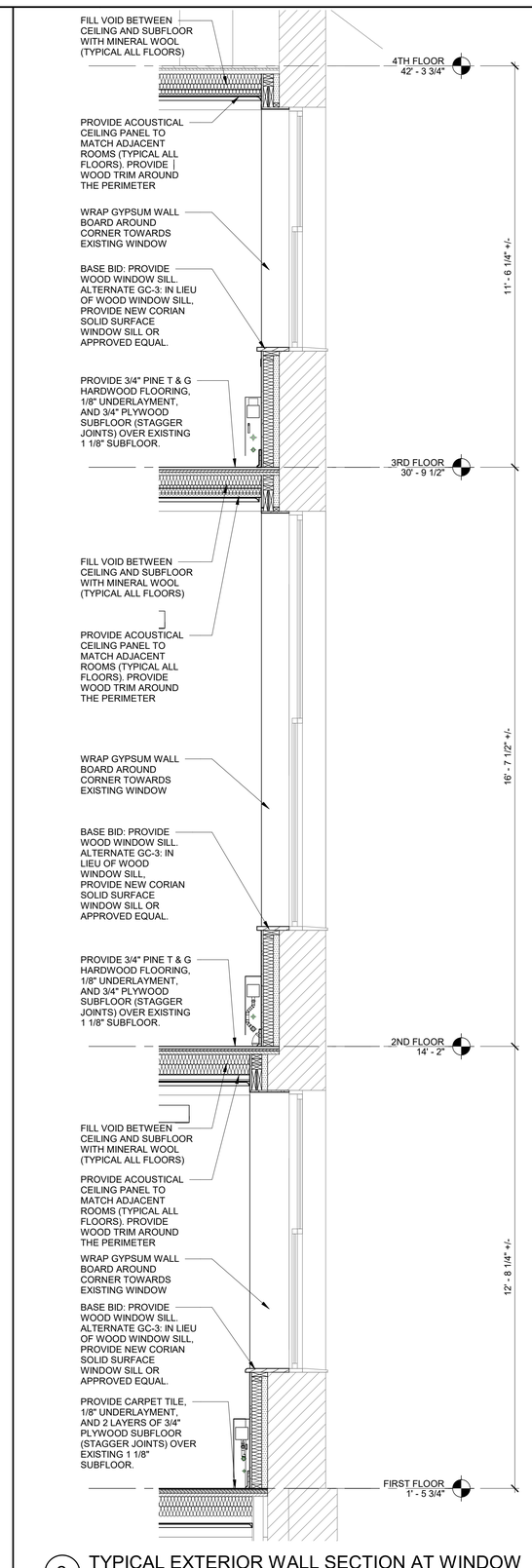
INTERIOR ELEVATIONS & DETAILS

ARCHIVE BAR CODE

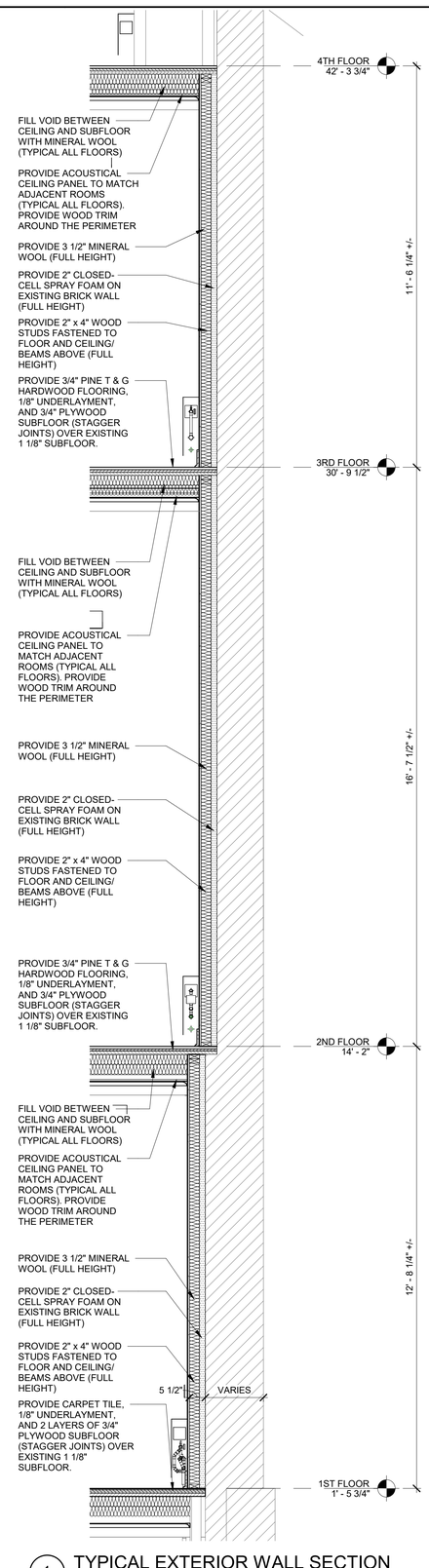
A-201
18341094



3 SECTION AT RISERS
SCALE: 3/4" = 1'-0"



2 TYPICAL EXTERIOR WALL SECTION AT WINDOW
SCALE: 1/2" = 1'-0"



1 TYPICAL EXTERIOR WALL SECTION
SCALE: 1/2" = 1'-0"

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0' 1' 2' 4'
SCALE: 1/2" = 1'-0"

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ROCKEFELLER HALL FLOOD REMEDIATION RECONSTRUCTION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	J. COOLBAUGH
DRAWN:	JGC

WALL SECTIONS

ARCHIVE BAR CODE

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FIRE PROTECTION ABBREVIATIONS

BFP	BACKFLOW PREVENTOR
BOP	BOTTOM OF PIPE
DN	DOWN
DPV	DRY PIPE VALVE
FP	FIRE PROTECTION
NTS	NOT TO SCALE
RPZ	REDUCED PRESSURE ZONE ASSEMBLY
SP	SPRINKLER
TYP	TYPICAL
WM	WATER METER

FIRE PROTECTION SUBMITTAL REGISTRY

SECTION	DESCRIPTION	MATERIAL	SHOP DRAWINGS	COORD. DRAWINGS	AS-BUILT DRAWINGS	PRODUCT DATA	SCHEDULES	WIRING DIAGRAMS	CALCULATIONS	SAMPLES	MOCKUPS	STANDARDS	QUALIFICATIONS	CERTIFICATIONS	MFR. INSTRUCTIONS	INSP. & TEST REPORTS	OPS & MAINT. DATA	WARRANTIES & BONDS
21 13 13	WET-PIPE SPRINKLER SYSTEMS					X										X	X	

FIRE PROTECTION PIPING SCHEDULE

PIPE SERVICE	ABBREVIATION	PIPE SIZE	MATERIAL	FITTINGS
WET SPRINKLER PIPING	SP	ALL SIZES	ASTM A 53 TYPE F STEEL, SCHEDULE 40 BLACK, GRADE B	CAST OR MALLEABLE IRON THREADED OR DUCTILE IRON GROOVED

GENERAL DRAWING SYMBOLOGY

1 / X-100	SECTION MARKER
1 / X-101	PHOTO/ VIEW REFERENCE
1 / X-100	ENLARGED DETAIL
	POINT OF CONNECTION
	POINT OF DISCONNECTION
#	CONSTRUCTION KEYED NOTE
#	DEMOLITION KEYED NOTE
#	DRAWING REVISION NOTE
NAME (E)	EXISTING TO REMAIN
	LINETYPE: EXISTING TO REMAIN
	LINETYPE: DEMOLITION / TO BE RELOCATED
	LINETYPE: TO BE PROVIDED / NEW

FIRE PROTECTION SYMBOLOGY

	AIR VENT, AUTOMATIC
	AIR VENT, MANUAL
	BACKFLOW PREVENTOR, DOUBLE-CHECK VALVE (DCV)
	BACKFLOW PREVENTOR, REDUCED PRESSURE ZONE (RPZ)
	BALL VALVE
	BOTTOM OF PIPE CONNECTION
	BUTTERFLY VALVE / CONTROL VALVE
	CAP OR PLUG
	CHECK VALVE
	DIRECTION OF FLOW, PIPING
FSD	FIRE AND SMOKE DAMPER IN DUCT
FD	FIRE DAMPER IN DUCT
	FLANGE CONNECTION
	FLEXIBLE CONNECTION (PIPE)
	FLOW METER
FS	FLOW SWITCH
	GATE VALVE
	GATE VALVE, ANGLE
	GLOBE VALVE
	GLOBE VALVE, ANGLE
	PIPE DOWN
	PIPE UP
	PUMP
PS	PRESSURE SWITCH
	SPRINKLER, PENDANT
	SPRINKLER, PENDANT WITH GUARD
	SPRINKLER, PENDANT ON DROP
	SPRINKLER, PENDANT ON DROP WITH GUARD
	SPRINKLER, UPRIGHT
	SPRINKLER, UPRIGHT WITH GUARD
	SPRINKLER, UPRIGHT ON SPRIG
	SPRINKLER, UPRIGHT ON SPRIG WITH GUARD
	SPRINKLER, SIDEWALL
D	SPRINKLER, PENDANT (DRY)
D	SPRINKLER, PENDANT WITH GUARD (DRY)
D	SPRINKLER, PENDANT ON DROP (DRY)
D	SPRINKLER, PENDANT ON DROP WITH GUARD (DRY)
D	SPRINKLER, UPRIGHT (DRY)
D	SPRINKLER, UPRIGHT WITH GUARD (DRY)
D	SPRINKLER, UPRIGHT ON SPRIG (DRY)
D	SPRINKLER, UPRIGHT ON SPRIG WITH GUARD (DRY)
D	SPRINKLER, SIDEWALL (DRY)
	STRAINER
	TOP PIPE CONNECTION
	UNION

FIRE PROTECTION SCOPE OF WORK

1.0 REMOVE EXISTING FIRE PROTECTION BRANCH PIPING AND ASSOCIATED HANGERS AND SUPPORTS AS INDICATED. PERMANENTLY SEAL CONNECTIONS TO PIPING TO REMAIN.

2.0 TEST MODIFIED FIRE-PROTECTION PIPING FOR LEAKAGE AT SYSTEM WORKING PRESSURE AND FLUSH AS REQUIRED. REPAIR LEAKS, RETEST, AND RETURN THE SYSTEM TO NORMAL OPERATION. ACCEPTANCE TESTING SHALL BE SCHEDULED THROUGH EH&S, AND SHALL BE WITNESSED BY EH&S AND CITY OF ITHACA REPRESENTATIVES.

FIRE PROTECTION GENERAL NOTES

1.0 IT IS THE INTENT OF THESE DRAWINGS TO PROVIDE MODIFICATIONS TO THE (INSERT TYPE OF SPRINKLER SYSTEM) FIRE PROTECTION SYSTEMS FOR THE PROTECTION OF THE (INSERT BUILDING NAME AND LOCATION).

2.0 PRIOR TO ALTERATIONS, THE SPRINKLER CONTRACTOR SHALL FIELD VERIFY EXTENT OF ALTERATION AND NEW WORK, WITH REGARD TO EXISTING CONDITIONS AT PIPE PENETRATIONS THROUGH FLOORS, WALLS, CEILINGS AND SOFFITS.

3.0 ALL SPRINKLER COMPONENTS SHALL BE UNDERWRITER'S LABORATORIES (UL) AND FACTORY MUTUAL (FM) APPROVED.

4.0 NEW SPRINKLER SYSTEM PIPING SHALL BE INSTALLED IN EXPOSED CEILING AREAS AS SHOWN ON PLANS. PIPING AND HANGER ASSEMBLIES SHALL BE UN-PAINTED.

5.0 THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE ONLY THE GENERAL ARRANGEMENT OF THE ITEMS INCLUDED IN THE FIRE PROTECTION WORK. AS SUCH, CONTRACTOR SHALL PROVIDE A COMPLETE SPRINKLER SYSTEM IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF FM GLOBAL STANDARDS, THE NFPA 13-INSTALLATION OF FIRE PROTECTION SYSTEMS, THE NEW YORK STATE BUILDING CODES, THE NEW YORK STATE FIRE CODES, LOCAL CODES, AND GOVERNING AUTHORITIES. THE DESIGN OF FIRE PROTECTION SYSTEMS TO WITHSTAND SEISMIC EVENTS SHALL BE IN ACCORDANCE WITH THE CRITERIA DEVELOPED BY THE NFPA.

6.0 CONTRACTOR SHALL REQUEST SPRINKLER SYSTEM SHUTDOWNS THROUGH CORNELL CUSTOMER SERVICE (607.255.5322) A MINIMUM OF TEN (10) DAYS PRIOR TO THE SHUTDOWN DATE. THE CONTRACTOR SHALL BEAR THE COST OF THE UTILITY SHUTDOWN. NOTIFY THE OWNERS REPRESENTATIVE TO COORDINATE BUILDING FUNCTIONS WITH THE BUILDING COORDINATOR.

7.0 COORDINATE THE EXACT LOCATION OF SPRINKLERS, EQUIPMENT, AND DEVICES WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND ALL OTHER TRADES DRAWINGS PRIOR TO ROUGH-IN AND INSTALLATION.

8.0 SPRINKLER PIPING SHALL BE ARRANGED TO DRAIN THROUGH THE MAIN DRAIN VALVE WHENEVER PRACTICAL. ALL TRAPPED SECTIONS OF PIPE, EXCEPT THOSE SUPPLYING A SINGLE SPRINKLER, SHALL BE PROVIDED WITH A DRUM-DRIP ASSEMBLY.

9.0 PENETRATIONS THROUGH CONCRETE FLOORS AND WALLS SHALL BE MADE WITH GALVANIZED PIPE SLEEVES. ALL PENETRATIONS SHALL CONTAIN FIRE STOPPING WITH A FIRE RATING EQUAL TO THAT OF THE AREA BEING PENETRATED.

10.0 SPRINKLER PIPING SHALL BE LABELED.

11.0 AFTER ALL WORK HAS BEEN COMPLETED, ACCEPTANCE TESTING SHALL BE SCHEDULED THROUGH EH&S, AND SHALL BE WITNESSED BY EH&S AND CITY OF ITHACA REPRESENTATIVES.

12.0 HYDROSTATIC TEST SHALL BE PERFORMED AT 200 PSI (OR 50 PSI ABOVE STATIC PRESSURE IF SYSTEM PRESSURE IS ABOVE 150 PSI), FOR A PERIOD OF 2-HOURS. A REPRESENTATIVE OF ENVIRONMENTAL HEALTH AND SAFETY SHALL WITNESS HYDROSTATIC TESTING OF THE NEW PIPING INSTALLATIONS AND ALTERATIONS. THE AUTHORITY HAVING JURISDICTION (ITHACA FIRE DEPARTMENT) REQUIRES THAT ONE OF THEIR REPRESENTATIVES WITNESSES HYDROSTATIC TESTING AND FLUSHING. ADVANCE NOTICE AND SCHEDULING IS REQUIRED THROUGH EH&S.

13.0 ANY FIRESTOPPING DISTURBED DURING THE COURSE OF WORK SHALL BE REPAIRED TO MAINTAIN A 2-HOUR FIRE RATING.

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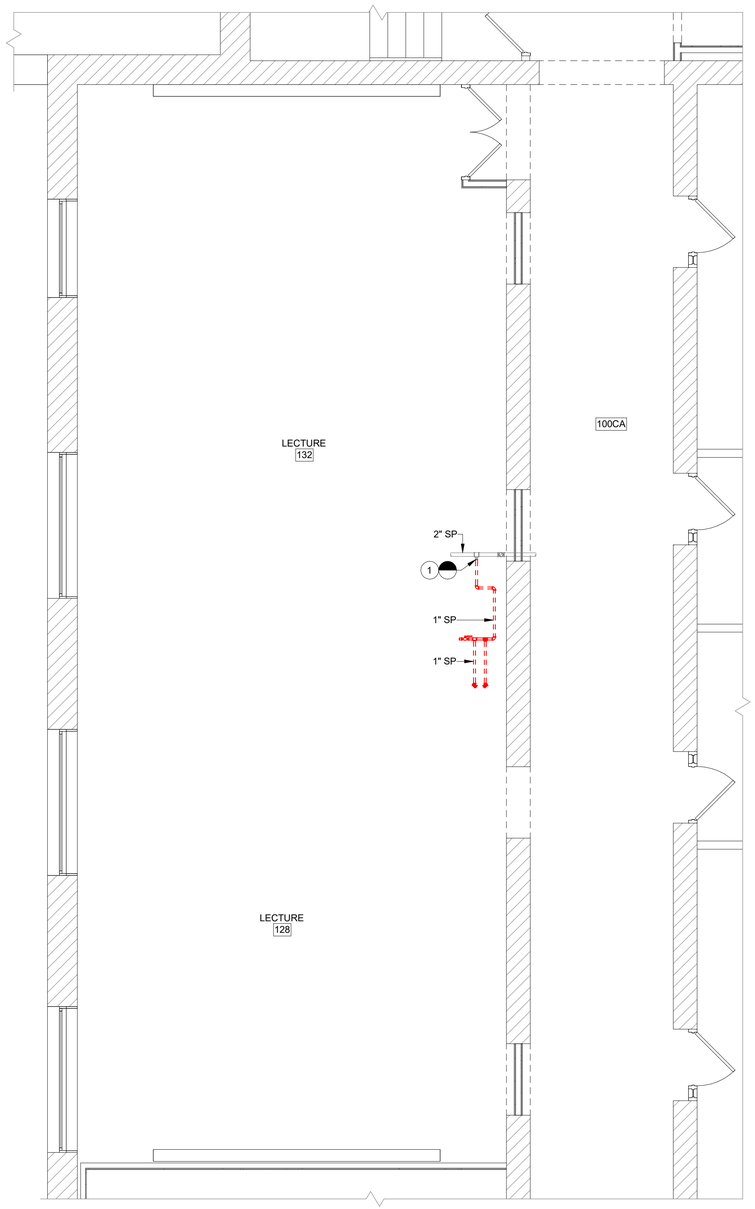
ROCKEFELLER HALL
FLOOD REMEDIATION
RECONSTRUCTION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	P. OCKENFELS
DRAWN:	PCO

FIRE PROTECTION GEN. NOTES, SYMBOLOGY, SCHEDULES, & ABBREVIATIONS

ARCHIVE BAR CODE

FP-001
18341094



1 PARTIAL FIRST FLOOR FIRE PROTECTION DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

FP-101 KEYED DEMOLITION NOTES

#	
1	COORDINATE FIRE PROTECTION SYSTEM IMPAIRMENT AND SHUTDOWN WITH THE CORNELL PROJECT MANAGER PRIOR TO PERFORMING WORK. REMOVE EXISTING 1-INCH FIRE PROTECTION BRANCH PIPING AND ASSOCIATED HANGERS AND SUPPORTS BACK TO THE WELDED BRANCH CONNECTION AT THE EXISTING 2-INCH MAIN. FIELD VERIFY THE EXISTING CONNECTION. PROVIDE A LISTED THREADED PLUG WHERE THE WELDED OUTLET IS THREADED; WHERE THE BRANCH IS DIRECTLY WELDED, PERMANENTLY SEAL THE REMAINING OUTLET NIPPLE WITH A COMPATIBLE WELDED CAP. DO NOT CUT INTO OR DAMAGE THE EXISTING MAIN. RESTORE THE PROTECTIVE COATING. TEST THE MODIFIED PIPING, AND RETURN THE SYSTEM TO NORMAL OPERATION.

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ELECTRICAL:
MECHANICAL:

STATE OF NEW YORK
ERIK PAUL ESHELMAN
LICENSED PROFESSIONAL ENGINEER
084093

REVISIONS

1	11/02/26	ISSUE FOR CONSTRUCTION

N

0' 2' 4' 8'
SCALE: 1/4" = 1'-0"

231 FEENEY WAY
ITHACA, NEW YORK 14850

ROCKEFELLER HALL FLOOD REMEDIATION RECONSTRUCTION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	P. OCKENFELS
DRAWN:	PCO

FIRE PROTECTION FIRST FLOOR DEMOLITION PLANS

ARCHIVE BAR CODE

FP-101
18341094

PLUMBING SYMBOLOGY

	AIR VENT, AUTOMATIC
	AIR VENT, MANUAL
	BACKFLOW PREVENTOR, DOUBLE-CHECK VALVE (DCV)
	BACKFLOW PREVENTOR, REDUCED PRESSURE ZONE (RPZ)
	BALANCE VALVE
	BALL VALVE
	BOTTOM OF PIPE CONNECTION
	BUTTERFLY VALVE
	CAP OR PLUG
	CHECK VALVE
	CONTROL VALVE, THREE-WAY, MOTORIZED, DIGITAL
	CONTROL VALVE, THREE-WAY, SOLENOID, DIGITAL
	CONTROL VALVE, THREE-WAY, MOTORIZED, PNEUMATIC
	CONTROL VALVE, TWO-WAY, MOTORIZED, DIGITAL
	CONTROL VALVE, TWO-WAY, SOLENOID, DIGITAL
	CONTROL VALVE, TWO-WAY, MOTORIZED, PNEUMATIC
	DIRECTION OF FLOW, PIPING
	FLANGE CONNECTION
	FLEXIBLE CONNECTION (PIPE)
	FLEXIBLE CONNECTION (DUCT)
	FLEXIBLE PIPE
	FLOW METER
	FLOW SWITCH
	GATE VALVE
	GATE VALVE, ANGLE
	GLOBE VALVE
	GLOBE VALVE, ANGLE
	PIPE DOWN
	PIPE UP
	PUMP
	PRESSURE SWITCH
	STEAM TRAP
	STRAINER
	STRAINER WITH BLOWDOWN VALVE & CAP
	STRAINER, DUPLEX
	TEMPERATURE WELL
	THERMOMETER
T	THERMOSTAT
	TOP PIPE CONNECTION
	UNION
	VACUUM BREAKER

PLUMBING SUBMITTAL REGISTRY

SECTION	DESCRIPTION	MATERIAL	SHOP DRAWINGS	COORD. DRAWINGS	AS-BUILT DRAWINGS	PRODUCT DATA	SCHEDULES	WIRING DIAGRAMS	CALCULATIONS	SAMPLES	MOCKUPS	STANDARDS	QUALIFICATIONS	CERTIFICATIONS	MFR. INSTRUCTIONS	INSP. & TEST REPORTS	OPS & MAINT. DATA	WARRANTIES & BONDS
22 05 29	HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT					X												
22 10 00	PLUMBING PIPING		X			X										X	X	

GENERAL DRAWING SYMBOLOGY

1 / X-100	SECTION MARKER
1 / X-101	PHOTO/ VIEW REFERENCE
1 / X-100	ENLARGED DETAIL
	POINT OF CONNECTION
	POINT OF DISCONNECTION
#	CONSTRUCTION KEYED NOTE
#	DEMOLITION KEYED NOTE
#	DRAWING REVISION NOTE
NAME (E)	EXISTING TO REMAIN
	LINETYPE: EXISTING TO REMAIN
	LINETYPE: DEMOLITION / TO BE RELOCATED
	LINETYPE: TO BE PROVIDED / NEW

PLUMBING ABBREVIATIONS

A	LABORATORY COMPRESSED AIR
BFP	BACKFLOW PREVENTER
BOP	BOTTOM OF PIPE
CO	CLEAN OUT
CS	CUP SINK
DCW	DOMESTIC COLD WATER
DE-CL	DECHLORINATED WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RECIRC
DI	DEIONIZED WATER
DI-R	DEIONIZED WATER RECIRC
DN	DOWN
ES	EMERGENCY SHOWER
EW	EMERGENCY EYEWASH
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FS	FLOOR SINK
G	LABORATORY GAS
HB	HOSE BIBB
ID	INDIRECT WASTE
LAV	LAVATORY
LV	LABORATORY VENT
LW	LABORATORY WASTE
M	LABORATORY GAS MANIFOLD
MSB	MOP SINK BASIN
N	NITROGEN
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OS&Y	OUTSIDE SCREW & YOKE
PP	POLYPROPYLENE
PVC	POLYVINYL CHLORIDE
RO	REVERSE OSMOSIS
RPZ	REDUCED PRESSURE ZONE BFP ASSEMBLY
SAN	SANITARY
SK	SINK
SS	STAINLESS STEEL
ST	STORM
STO	STORM OVERFLOW
SW	SOFTENED WATER
TP	TRAP PRIMER
TYP	TYPICAL
UR	URINAL
V	VENT
VTR	VENT THROUGH ROOF
WC	WATER CLOSET
WCO	WALL CLEAN OUT
WHA	WATER HAMMER ARRESTOR
WM	WATER METER

PLUMBING SCOPE OF WORK

1.0 REMOVE EXISTING PLUMBING VENT PIPING FROM THE BASEMENT TO, BUT NOT INCLUDING, THE FOURTH FLOOR PENETRATION. REMOVE ALL ASSOCIATED HANGERS AND SUPPORTS.

2.0 PROVIDE NEW SANITARY VENT PIPING FROM THE BASEMENT TO A POINT IMMEDIATELY BELOW THE FOURTH FLOOR PENETRATION, INCLUDING ALL REQUIRED HANGERS AND SUPPORTS.

3.0 TEST NEW SANITARY VENT PIPING IN ACCORDANCE WITH SECTION 312 OF THE PLUMBING CODE OF NEW YORK STATE AND THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. REPAIR LEAKS AND RETEST UNTIL THE SYSTEM IS LEAK-FREE.

PLUMBING GENERAL NOTES

1.0 DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. IF DIMENSIONS OR CONDITIONS ARE FOUND TO BE IN CONFLICT WITH THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY REFER THE CONFLICT TO THE ENGINEER.

2.0 UTILITY SHUTDOWNS: SHUTDOWN OF ANY BUILDING UTILITY SYSTEM SHALL BE COORDINATED WITH THE BUILDING MANAGER. THE CONTRACTOR SHALL BEAR THE COST OF THE UTILITY SHUTDOWN. SCHEDULE WORK TEN DAYS IN ADVANCE AND NOTIFY THE OWNER'S REPRESENTATIVE TO COORDINATE BUILDING FUNCTIONS WITH THE BUILDING COORDINATOR.

3.0 WORK IS REQUIRED IN VARIOUS PORTIONS OF MULTIPLE FACILITIES TO EXECUTE WORK OF OTHER TRADES (EG ELECTRICAL, MECHANICAL). ALTHOUGH NOT NECESSARILY SHOWN ON DRAWINGS, WORK IS REQUIRED IN THESE AREAS CONSISTING OF REMOVAL / REPLACEMENT OF CEILINGS, WALLS, FINISHES, AND OTHER CONSTRUCTION AS NECESSARY TO PERFORM WORK AND RESTORE THESE SPACES OR AREAS TO ORIGINAL CONDITION.

4.0 ALL PENETRATIONS THROUGH FULL HEIGHT WALLS ARE TO BE FIRESTOPPED IN ACCORDANCE WITH UL STANDARDS. ALL GAPS AND JOINTS AT RATED FLOORS AND WALLS ARE TO BE FIRE AND 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. FIRESTOPPING INCLUDES BOTH FORM OR PACKING MATERIAL AND THE FILL, VOID OR CAVITY MATERIAL.

5.0 INSTALL EQUIPMENT TO ENSURE PROPER ACCESS TO CONTROL DEVICES AND WITH SUFFICIENT SPACE TO PERFORM ROUTINE MAINTENANCE AND REPAIR. EQUIPMENT THAT IS NOT INSTALLED WITH THIS REQUIREMENT IN MIND SHALL BE RELOCATED AT NO EXPENSE TO THE UNIVERSITY UNTIL DEFICIENCIES ARE CORRECTED.

6.0 ALL SYSTEM TESTING SHALL BE CONDUCTED PRIOR TO INSULATION, FIREPROOFING, AND ENCLOSURE IN SHAFTS. ANY RESTORATION WORK REQUIRED AS A RESULT OF DISTURBING FINISHES OR STRUCTURE IN ORDER TO ACCESS SYSTEMS REQUIRING REPAIR SHALL BE AT NO COST TO THE UNIVERSITY.

7.0 SCHEDULE A PRE-INSTALLATION MEETING TO REVIEW FINAL EQUIPMENT/FIXTURE LOCATIONS PRIOR TO ROUGHING-IN. OBTAIN ALL REQUIREMENTS FOR INSTALLATION OF OWNER PROVIDED EQUIPMENT FROM THE OWNER OR DESIGNATED AGENT.

8.0 CUTTING AND PATCHING: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING, FITTING, AND PATCHING TO COMPLETE THE WORK. WHERE EXISTING CONSTRUCTION IS REMOVED, CAUSING AN EXPOSURE OF UNFINISHED AND/OR DAMAGED SURFACES, RESULTING SURFACES SHALL BE CONSTRUCTED WITH MATERIALS TO MATCH FINISHED AREAS.

9.0 ANY FIRESTOPPING DISTURBED DURING THE COURSE OF WORK SHALL BE REPAIRED TO MAINTAIN A 2-HOUR FIRE RATING.

PLUMBING PIPING SCHEDULE & SPECIFICATION

NOTES:
1) INSTALL ESCUTCHEONS FOR PENETRATIONS OF WALLS, CEILING, AND FLOORS.
2) ALL PIPING AND INSULATION SYSTEM EXPOSED TO VIEW SHALL BE PAINTED TO MATCH SURROUNDING SURFACES.
3) INSTALL SLEEVES FOR PIPES PASSING THROUGH CONCRETE AND MASONRY WALLS, GYPSUM-BOARD PARTITIONS, AND CONCRETE FLOOR AND ROOF SLABS.
4) INSTALL PLUMBING SYSTEMS TO FACILITATE SERVICE, MAINTENANCE AND REPAIR OR REPLACEMENT OF COMPONENTS.
5) ALL WASTE PIPING SHALL BE PITCHED AT 1/8" PER FOOT. ALL SUPPLY PIPING SHALL BE PITCHED BACK TOWARDS CONNECTION TO THE ROOM ENTRANCE
6) DO NOT ENCLOSE, COVER OR PUT PLUMBING PIPING SYSTEMS INTO OPERATION UNTIL IT HAS BEEN INSPECTED AND APPROVED BY THE AUTHORITIES HAVING JURISDICTION.
7) TESTING OF DOMESTIC WASTE AND VENT PIPING:
CAP AND SUBJECT DOMESTIC WASTE AND VENT PIPING TO STATIC WATER PRESSURE OF 10 FEET HEAD PRESSURE ABOVE HIGHEST POINT OF SYSTEM UNDERGOING TEST
ISOLATE TEST SOURCE AND ALLOW TO STAND UNTIL SYSTEM CAN BE VISUALLY INSPECTED BY AUTHORITY HAVING JURISDICTION. LEAKS CONSTITUTE DEFECTS THAT MUST BE REPAIRED
REPAIR LEAKS AND DEFECTS WITH NEW MATERIALS AND RETEST PIPING UNTIL SATISFACTORY RESULTS ARE OBTAINED.

PIPE SERVICE	ABBREVIATION	PIPE SIZE	MATERIAL	FITTINGS	JOINT	INSULATION	MATERIAL	JACKET	VAPOR RETARDER	FINISH
DRAIN, WASTE & VENT PIPING ABOVE GRADE	SAN / V	ALL SIZES	ASTM A74, ASTM A888 SERVICE WEIGHT CAST IRON	ASTM A74, ASTM A888 CAST IRON NO-HUB	ASTM C1277 NEOPRENE GASKET SS BANDS	NONE	N/A	N/A	N/A	PAINT NOTE 2

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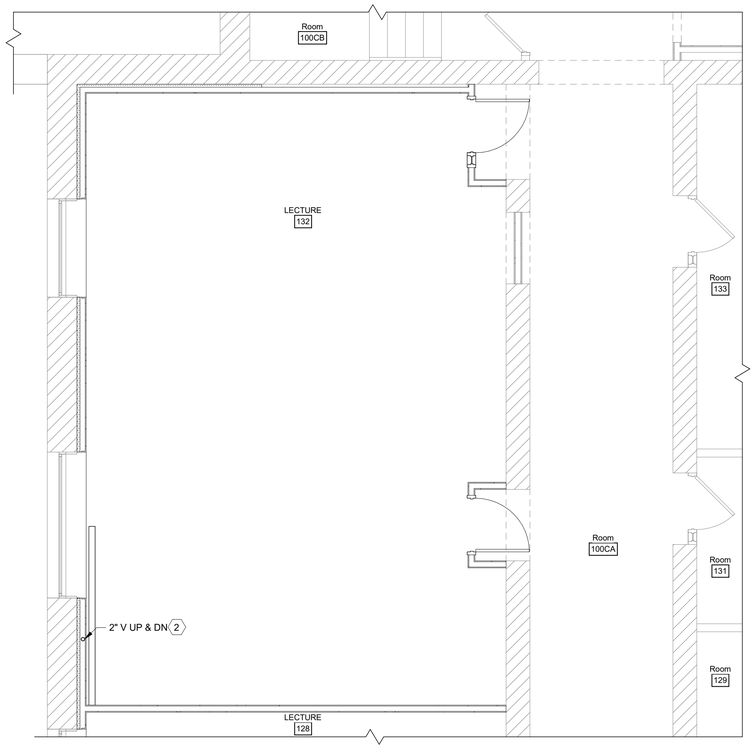
ROCKEFELLER HALL
FLOOD REMEDIATION RECONSTRUCTION

DATE:	NOVEMBER 2, 2026
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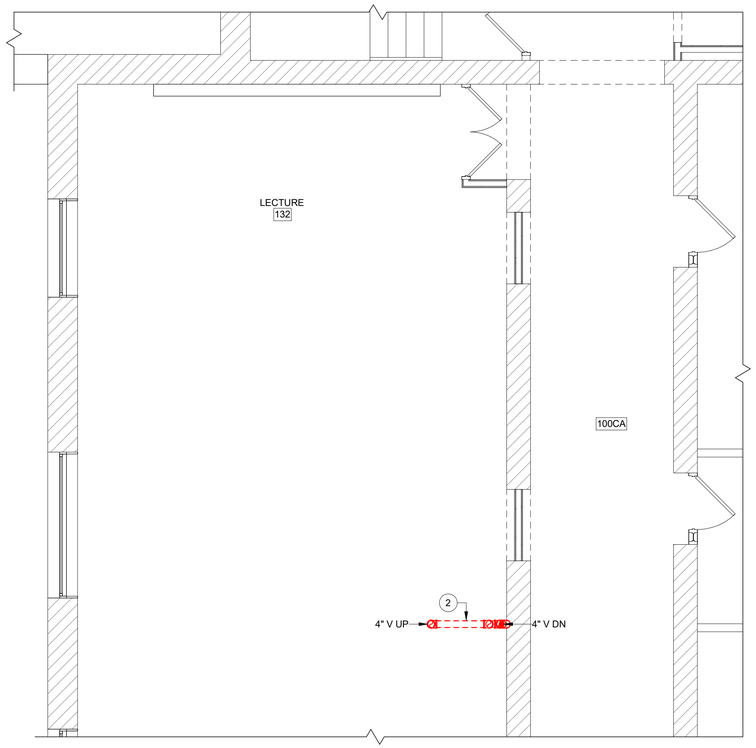
PLUMBING GEN. NOTES, SYMBOLOGY, & ABBREVIATIONS

ARCHIVE BAR CODE

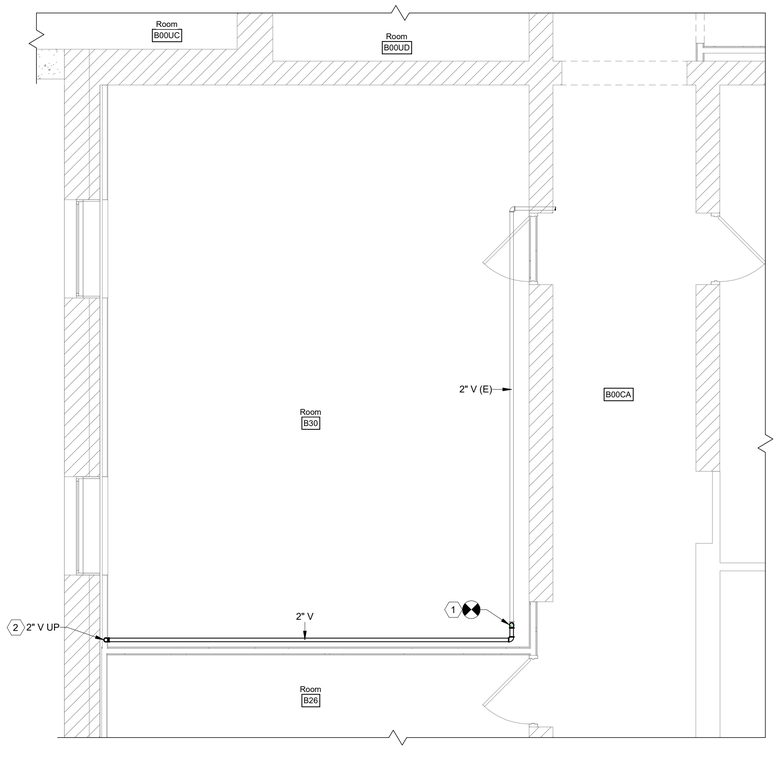
P-001
18341094



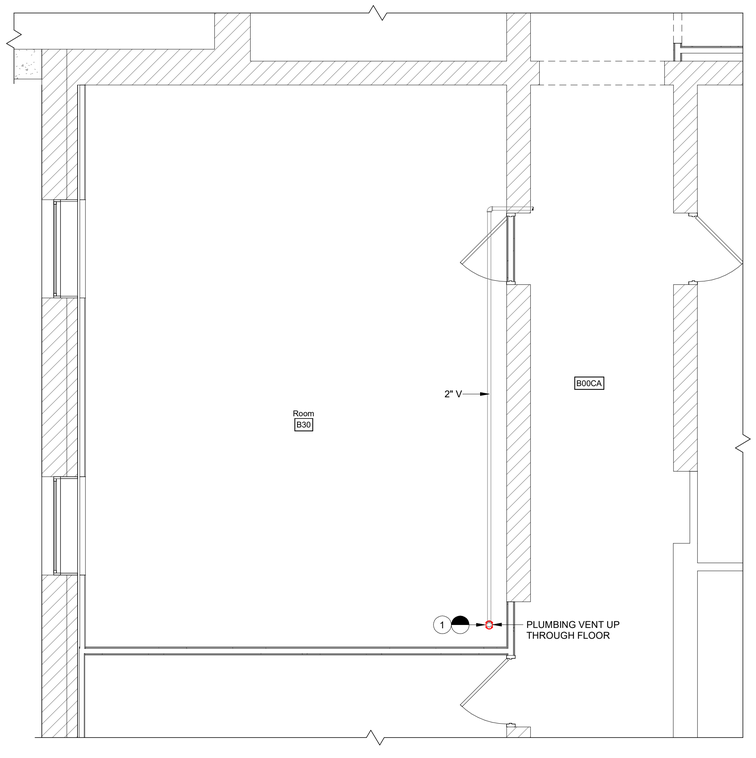
4 PARTIAL FIRST FLOOR PLUMBING RENOVATION PLAN
SCALE: 1/4" = 1'-0"



2 PARTIAL FIRST FLOOR PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



3 PARTIAL BASEMENT PLUMBING RENOVATION PLAN
SCALE: 1/4" = 1'-0"



1 PARTIAL BASEMENT PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

P-101 KEYED DEMOLITION NOTES

#	
1	DISCONNECT EXISTING SANITARY VENT PIPING UP TO 4TH FLOOR PENETRATION. REMOVE PIPING, FITTINGS, HANGERS, AND SUPPORTS WITHIN THE LIMITS OF WORK. TEMPORARILY CAP OPEN ENDS TO PREVENT THE ESCAPE OF SEWER GAS AND ENTRY OF DEBRIS. PROTECT PIPING TO REMAIN AND PREPARE FOR CONNECTION TO NEW WORK.
2	REMOVE SANITARY VENT PIPING AND ASSOCIATED FITTINGS, HANGERS, AND SUPPORTS.

P-101 KEYED RENOVATION NOTES

#	
1	CONNECT NEW SANITARY VENT PIPING TO EXISTING VENT PIPING AT THE LOCATION INDICATED. FIELD VERIFY THE SIZE, MATERIAL, LOCATION, AND CONDITION OF EXISTING PIPING PRIOR TO PERFORMING WORK. PROVIDE ALL REQUIRED FITTINGS, TRANSITIONS, COUPLINGS, AND SUPPORTS FOR A COMPLETE, GAS-TIGHT CONNECTION. TEMPORARILY CAP OPEN ENDS DURING CONSTRUCTION AND TEST THE COMPLETED CONNECTION IN ACCORDANCE WITH THE PLUMBING CODE OF NEW YORK STATE.
2	INSTALL NEW SANITARY VENT RISER CONCEALED WITHIN THE WALL CAVITY. SUPPORT RISER AT EACH FLOOR WITH APPROVED RISER CLAMPS BEARING ON THE STRUCTURAL FLOOR ASSEMBLY. PROVIDE INTERMEDIATE GUIDES AND BRACING AS REQUIRED. DO NOT SUPPORT PIPING FROM NONSTRUCTURAL WALL FRAMING. FIRESTOP PENETRATIONS THROUGH RATED ASSEMBLIES TO MAINTAIN THE REQUIRED FIRE-RESISTANCE RATING.

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0' 2' 4' 8'
SCALE: 1/4" = 1'-0"

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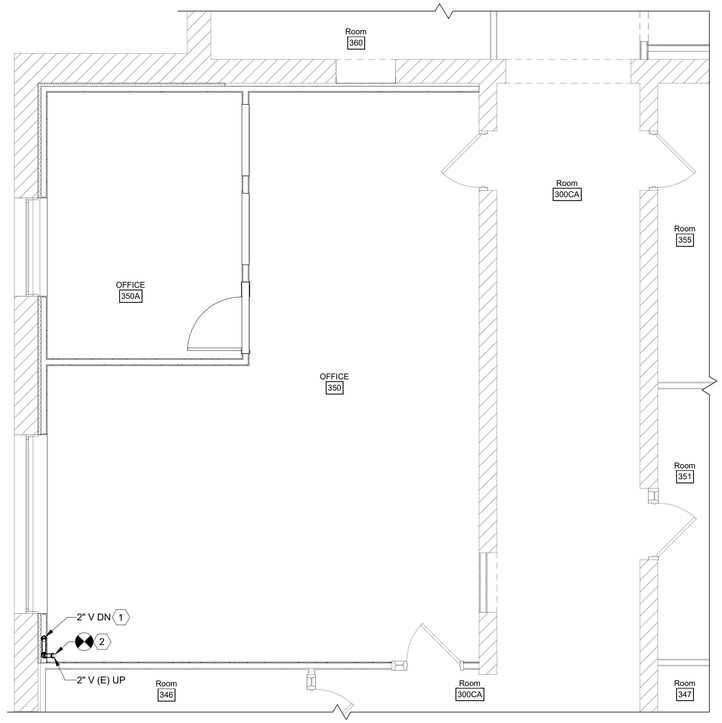
ROCKEFELLER HALL FLOOD REMEDIATION RECONSTRUCTION

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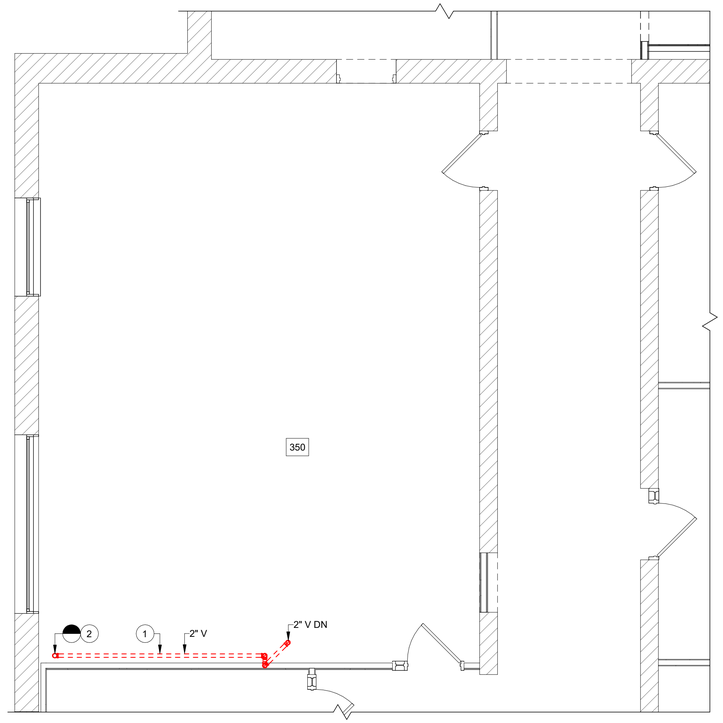
PLUMBING DEMOLITION AND RENOVATION PLANS

ARCHIVE BAR CODE

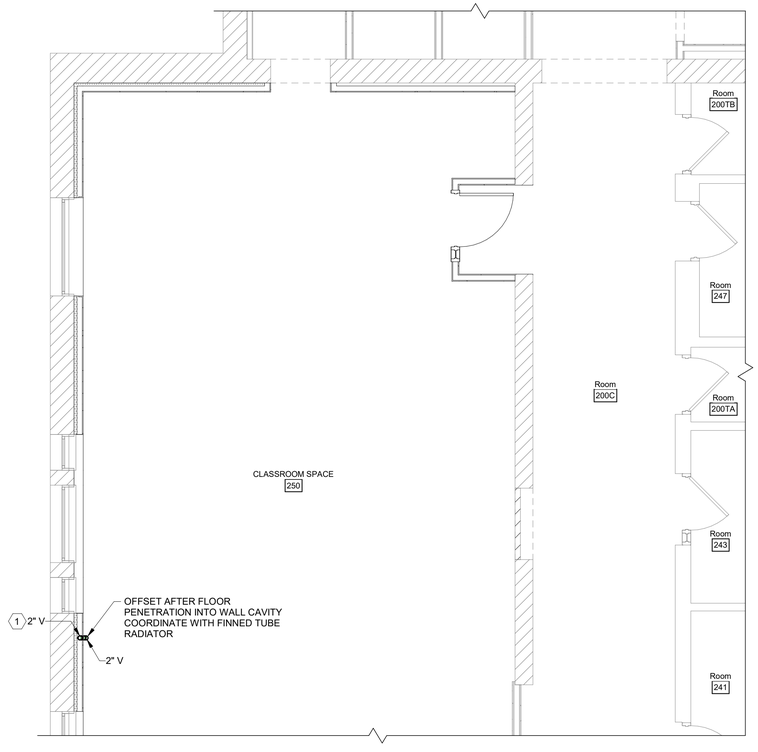
P-101
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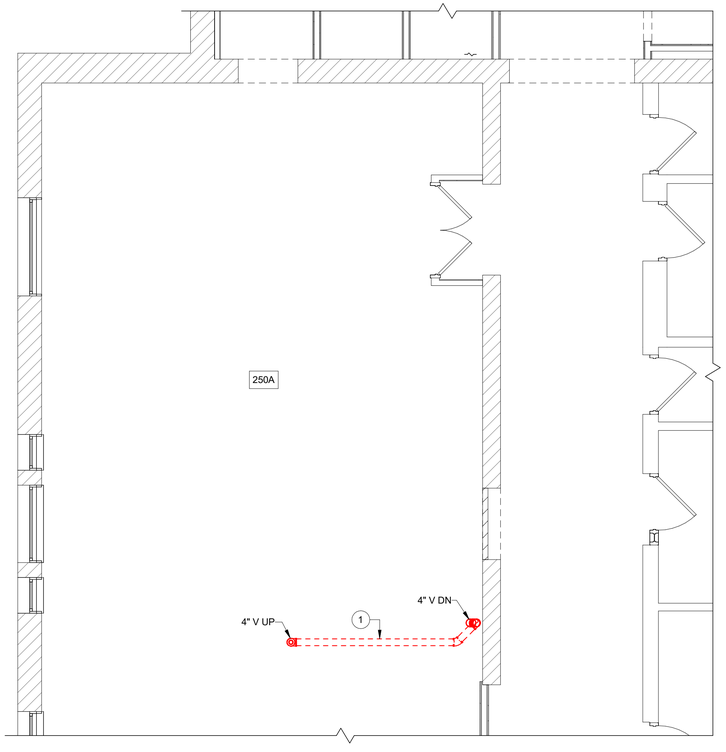
4 PARTIAL THIRD FLOOR PLUMBING RENOVATION PLAN
SCALE: 1/4" = 1'-0"



3 PARTIAL THIRD FLOOR PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



2 PARTIAL SECOND FLOOR PLUMBING RENOVATION PLAN
SCALE: 1/4" = 1'-0"



1 PARTIAL SECOND FLOOR PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

P-102 KEYED DEMOLITION NOTES

#	
1	REMOVE SANITARY VENT PIPING AND ASSOCIATED FITTINGS, HANGERS, AND SUPPORTS.
2	DISCONNECT EXISTING SANITARY VENT PIPING JUST BEFORE 4TH FLOOR PENETRATION. TEMPORARILY CAP OPEN END AND PROTECT PIPING TO REMAIN AND PREPARE FOR CONNECTION TO NEW WORK.

P-102 KEYED RENOVATION NOTES

#	
1	INSTALL NEW SANITARY VENT RISER CONCEALED WITHIN THE WALL CAVITY. SUPPORT RISER AT EACH FLOOR WITH APPROVED RISER CLAMPS BEARING ON THE STRUCTURAL FLOOR ASSEMBLY. PROVIDE INTERMEDIATE GUIDES AND BRACING AS REQUIRED. DO NOT SUPPORT PIPING FROM NONSTRUCTURAL WALL FRAMING. FIRESTOP PENETRATIONS THROUGH RATED ASSEMBLIES TO MAINTAIN THE REQUIRED FIRE-RESISTANCE RATING.
2	CONNECT NEW SANITARY VENT PIPING TO EXISTING VENT PIPING AT THE LOCATION INDICATED. FIELD VERIFY THE SIZE, MATERIAL, LOCATION, AND CONDITION OF EXISTING PIPING PRIOR TO PERFORMING WORK. PROVIDE ALL REQUIRED FITTINGS, TRANSITIONS, COUPLINGS, AND SUPPORTS FOR A COMPLETE, GAS-TIGHT CONNECTION. TEMPORARILY CAP OPEN ENDS DURING CONSTRUCTION AND TEST THE COMPLETED CONNECTION IN ACCORDANCE WITH THE PLUMBING CODE OF NEW YORK STATE.

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PLUMBING DEMOLITION AND RENOVATION PLANS

ARCHIVE BAR CODE

P-102
18341094

CONTROL SYMBOLOGY

	2-WAY CONTROL VALVE, DIGITAL
	2-WAY CONTROL VALVE, PNEUMATIC
	3-WAY CONTROL VALVE, DIGITAL
	3-WAY CONTROL VALVE, PNEUMATIC
AP	ADDRESSABLE OUTPUT MODULE (FIRE ALARM INTERFACE)
	AIRFLOW CONTROL VALVE (VENTURI OR VORTEX SHEDDING)
	AVERAGING SENSOR
	BINARY POINT
	BUTTERFLY CONTROL DAMPER
	CARBON DIOXIDE SENSOR
	CONDENSATE SENSOR
CS	CURRENT SENSOR
DP	DEW-POINT SENSOR
DS	DIFFERENTIAL PRESSURE SENSOR
	DIFFERENTIAL PRESSURE SENSOR
	ELECTRIC TO PNEUMATIC SWITCH
	ELECTRIC TO PNEUMATIC TRANSDUCER
	END SWITCH
FE	FLOW ELEMENT (METER)
	FLOW SENSOR
HL	HIGH LEVEL SWITCH
HS	HUMIDISTAT SENSOR
	LIQUID IMMERSION TEMPERATURE SENSOR
LSW	LOW LEVEL SWITCH
MOD	MODULATING
M	MOTOR
MS	MOTOR STARTER
COM	NETWORK COMMUNICATION POINT, BACnet MSTP
OS	OCCUPANCY SENSOR
	OPEN/CLOSE
	OPPOSED BLADE CONTROL DAMPER
	PARALLEL BLADE CONTROL DAMPER
	PNEUMATIC THERMOSTAT
	PRESSURE SENSOR
PS	PRESSURE SWITCH
	RELATIVE HUMIDITY SENSOR
R	RELAY
	ROOM TEMPERATURE SENSOR WITH ADJUSTABLE THERMOSTAT
	ROOM TEMPERATURE SENSOR WITH OCCUPANCY OVERRIDE
	ROOM TEMPERATURE SENSOR WITH ON/OFF SWITCH
	ROOM TEMPERATURE SENSOR WITH VISUAL DISPLAY
	ROTATION DETECTOR
	SINGLE POINT SENSOR
	SMOKE DETECTOR
	SPEED COMMAND
	START/STOP
	STATIC PRESSURE SENSOR
	SWITCH
TS	TEMPERATURE SENSOR
	TEMPERATURE SENSOR
	TEMPERATURE SENSOR WITH ADJUSTABLE SETPOINT

MECHANICAL SYMBOLOGY

	AIR VENT, AUTOMATIC
	AIR VENT, MANUAL
AD	ACCESS DOOR
BD	BACKDRAFT DAMPER
	BACKFLOW PREVENTER, DOUBLE-CHECK VALVE (DCV)
	BACKFLOW PREVENTER, REDUCED PRESSURE ZONE (RPZ)
	BALANCE VALVE
	BALL VALVE
	BOTTOM OF PIPE CONNECTION
	BUTTERFLY VALVE
	CAP OR PLUG
	CHECK VALVE
	CONTROL VALVE, THREE-WAY, MOTORIZED, DIGITAL
	CONTROL VALVE, THREE-WAY, SOLENOID, DIGITAL
	CONTROL VALVE, THREE-WAY, MOTORIZED, PNEUMATIC
	CONTROL VALVE, TWO-WAY, MOTORIZED, DIGITAL
	CONTROL VALVE, TWO-WAY, SOLENOID, DIGITAL
	CONTROL VALVE, TWO-WAY, MOTORIZED, PNEUMATIC
	DIRECTION OF AIRFLOW, DUCTWORK
	DIRECTION OF FLOW, PIPING
	DUCT TRANSITION
	DUCT UP / DOWN (SUPPLY)
	DUCT UP / DOWN (RETURN)
	DUCT UP / DOWN (EXHAUST)
	DUCT UP / DOWN THROUGH ROOF / FLOOR (SUPPLY)
	DUCT UP / DOWN THROUGH ROOF / FLOOR (RETURN)
	DUCT UP / DOWN THROUGH ROOF / FLOOR (EXHAUST)
FSD	FIRE AND SMOKE DAMPER IN DUCT
FD	FIRE DAMPER IN DUCT
	FLANGE CONNECTION
	FLEXIBLE CONNECTION (PIPE)
	FLEXIBLE CONNECTION (DUCT)
	FLEXIBLE DUCT
	FLEXIBLE PIPE
	FLOW METER
FS	FLOW SWITCH
	GATE VALVE
	GATE VALVE, ANGLE
	GLOBE VALVE
	GLOBE VALVE, ANGLE
	PIPE DOWN
	PIPE UP
	PUMP
PS	PRESSURE SWITCH
	DUCT ELBOW, 90°
	DUCT ELBOW, RADIUS
STD	STANDARD BRANCH DUCT
	STEAM TRAP
	STRAINER
SBD	STRAINER WITH BLOWDOWN VALVE & CAP
	STRAINER, DUPLEX
	TEMPERATURE WELL
	THERMOMETER
T	THERMOSTAT
	TOP PIPE CONNECTION
	UNION
	VACUUM BREAKER
VD	VOLUME DAMPER

MECHANICAL ABBREVIATIONS

BCU	BLOWER COIL UNIT
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CC	CLEAN CONDENSATE
CO	CLEAN OUT
CS	CLEAN STEAM
CD	CONDENSATE DRAIN
EA	EXHAUST AIR
EA(G)	EXHAUST AIR (GREASE DUCT)
EAG	EXHAUST AIR GRILLE
FD	FIRE DAMPER
GWR	GLYCOL HEATING RETURN
GWS	GLYCOL HEATING SUPPLY
HPR	HIGH PRESSURE STEAM RETURN
HPS	HIGH PRESSURE STEAM SUPPLY
HWR	HOT WATER HEATING RETURN
HWS	HOT WATER HEATING SUPPLY
LPC	LOW PRESSURE CONDENSATE
LPS	LOW PRESSURE STEAM
MU	MAKE UP WATER
MPC	MEDIUM PRESSURE CONDENSATE
MPS	MEDIUM PRESSURE STEAM
NG	NATURAL GAS
PCWR	PROCESS CHILLED WATER RETURN
PCWS	PROCESS CHILLED WATER SUPPLY
HG	REFRIGERANT HOT GAS
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
RAG	RETURN AIR GRILLE
SA	SUPPLY AIR
SAD	SUPPLY AIR DIFFUSER
TA	TRANSFER AIR
VD	VOLUME DAMPER

CONTROL ABBREVIATIONS

AI	ANALOG INPUT
AO	ANALOG OUTPUT
AV	ANALOG VALUE
BI	BINARY INPUT
BO	BINARY OUTPUT
BV	BINARY VALUE
F.L.	FAIL LAST
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
VFD	VARIABLE FREQUENCY DRIVE

MECHANICAL SUBMITTAL REGISTRY

SECTION	DESCRIPTION	SHOP DRAWINGS	COORD. DRAWINGS	AS-BUILT DRAWINGS	PRODUCT DATA	SCHEDULES	WIRING DIAGRAMS	CALCULATIONS	SAMPLES	MOCKUPS	STANDARDS	QUALIFICATIONS	CERTIFICATIONS	MFR. INSTRUCTIONS	INSP. & TEST REPORTS	OPS & MAINT. DATA	WARRANTIES & BONDS
23 05 23	GENERAL-DUTY VALVES FOR HVAC PIPING	X		X	X												
23 05 29	HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT				X												
23 05 53	IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT				X												
23 05 93	TESTING, ADJUSTING AND BALANCING FOR HVAC											X			X		
23 07 19	HVAC PIPING INSULATION	X		X	X									X			
23 09 23	DIRECT-DIGITAL CONTROL SYSTEM FOR HVAC	X		X	X									X		X	
23 21 13	HYDRONIC PIPING	X		X	X												
23 82 36	FINNED-TUBE RADIATION HEATERS	X		X	X									X		X	

GENERAL DRAWING SYMBOLOGY

1 / X-100	SECTION MARKER
1 / X-101	PHOTO/ VIEW REFERENCE
1 / X-100	ENLARGED DETAIL
	POINT OF CONNECTION
	POINT OF DISCONNECTION
#	CONSTRUCTION KEYED NOTE
#	DEMOLITION KEYED NOTE
#	DRAWING REVISION NOTE
NAME (E)	EXISTING TO REMAIN
	LINETYPE: EXISTING TO REMAIN
	LINETYPE: DEMOLITION / TO BE RELOCATED
	LINETYPE: TO BE PROVIDED / NEW

MECHANICAL SCOPE OF WORK

1.0 REMOVE HEATING HOT WATER PIPING, PNEUMATIC CONTROL VALVES, ASSOCIATED THERMOSTATS, AND ALL RELATED ACCESSORIES AS INDICATED.

2.0 PROVIDE NEW FINNED-TUBE RADIATORS WHERE INDICATED.

3.0 PROVIDE NEW RADIATOR CONTROL VALVES AND ROOM THERMOSTATS WHERE INDICATED.

4.0 EXTEND THE EXISTING ALC BUILDING AUTOMATION AND CONTROL SYSTEM TO SERVE NEW DIRECT DIGITAL CONTROL (DDC) FINNED-TUBE CONTROL VALVES AND ROOM THERMOSTATS.

5.0 TEST, ADJUST, AND BALANCE ALL NEW FINNED-TUBE RADIATION TO THE DESIGN WATER FLOW RATES. VERIFY PROPER OPERATION OF ALL CONTROL VALVES AND PROVIDE TEST AND BALANCE REPORTS.

MECHANICAL GENERAL NOTES

1.0 DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. IF DIMENSIONS OR CONDITIONS ARE FOUND TO BE IN CONFLICT WITH THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY REFER THE CONFLICT TO THE ENGINEER.

2.0 ALL DUCT DIMENSIONS INDICATED ARE IN INCHES, AND ARE INSIDE FREE AND CLEAR DIMENSIONS.

3.0 INSTALL EQUIPMENT TO ENSURE PROPER ACCESS TO CONTROL DEVICES AND WITH SUFFICIENT SPACE TO PERFORM ROUTINE MAINTENANCE AND REPAIR. EQUIPMENT THAT IS NOT INSTALLED WITH THIS REQUIREMENT IN MIND SHALL BE RELOCATED AT NO EXPENSE TO THE UNIVERSITY UNTIL DEFICIENCIES ARE CORRECTED.

4.0 ALL SYSTEM TESTING SHALL BE CONDUCTED PRIOR TO INSULATION, FIREPROOFING, AND ENCLOSURE IN SHAFTS. ANY RESTORATION WORK REQUIRED AS A RESULT OF DISTURBING FINISHES OR STRUCTURE IN ORDER TO ACCESS SYSTEMS REQUIRING REPAIR SHALL BE AT NO COST TO THE UNIVERSITY.

5.0 CUTTING AND PATCHING: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING, FITTING, AND PATCHING TO COMPLETE THE WORK. WHERE EXISTING CONSTRUCTION IS REMOVED, CAUSING AN EXPOSURE OF UNFINISHED AND/OR DAMAGED SURFACES, RESULTING SURFACES SHALL BE RECONSTRUCTED WITH MATERIALS TO MATCH FINISHED AREAS.

6.0 TESTING AND BALANCING: THE CONTRACTOR SHALL BALANCE ALL AIR SYSTEMS AS INDICATED. SUBMIT RESULTS OF TESTING AND BALANCING ON STANDARD TAB CONTRACTOR'S FORMS TO THE ENGINEER FOR REVIEW. SYSTEMS SHALL BE BALANCED TO WITHIN +/- 5% OF DESIGN VALUES. FINAL BALANCING SHALL OCCUR AFTER ALL LEAKS IN THE BUILDING ENVELOPE HAVE BEEN IDENTIFIED AND SEALED.

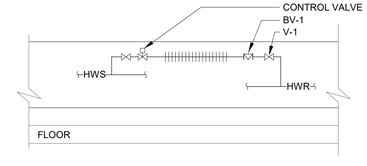
7.0 ANY FIRESTOPPING DISTURBED DURING THE COURSE OF WORK SHALL BE REPAIRED TO MAINTAIN A 2-HOUR FIRE RATING.

8.0 REMOVE ABANDONED PNEUMATIC CONTROL TUBING BACK TO ITS CONNECTION AT THE ACTIVE PNEUMATIC MAIN AND PERMANENTLY SEAL THE CONNECTION. FOR COPPER TUBING, PROVIDE A SOLDERED COPPER END CAP. FOR POLY TUBING, PROVIDE A PROPERLY SIZED THREADED BRASS PLUG AT THE CONNECTION FITTING.

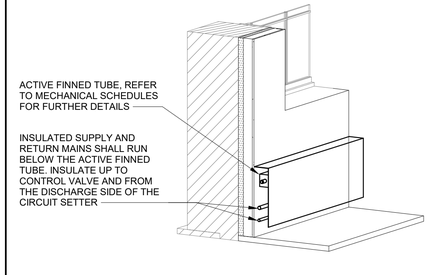
IMPROVISED TERMINATIONS, INCLUDING SHEET-METAL SCREWS, CRIMPING, OR BENDING OVER THE END OF COPPER TUBING, ARE NOT PERMITTED.

9.0 COORDINATE SYSTEM SHUTDOWN WITH THE CORNELL PROJECT MANAGER. ISOLATE AND DRAIN ONLY THOSE PORTIONS OF THE FINNED-TUBE HEATING SYSTEM REQUIRED TO COMPLETE THE WORK. UPON COMPLETION, REFILL THE SYSTEM, RESTORE NORMAL OPERATING PRESSURE, AND PURGE ALL AIR FROM THE AFFECTED PIPING AND EQUIPMENT.

PROVIDE ACCESSIBLE MANUAL AIR VENTS AT FINNED-TUBE RETURN ELBOWS, PIPING OFFSETS, AND OTHER HIGH POINTS CREATED OR EXPOSED BY THE WORK WHERE AIR could BECOME TRAPPED. VERIFY LEAK-FREE OPERATION, POSITIVE WATER CIRCULATION, AND UNIFORM HEATING THROUGHOUT THE AFFECTED FINNED-TUBE SYSTEM.



2 FINNED TUBE PIPING DETAIL
NOT TO SCALE



1 FINNED TUBE RADIATOR ISOMETRIC
PERSPECTIVE VIEW

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1	11/02/26	ISSUE FOR CONSTRUCTION

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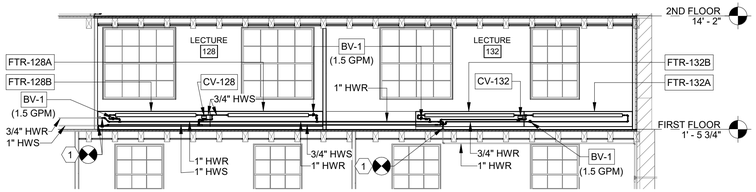
ROCKEFELLER HALL
FLOOD REMEDIATION
RECONSTRUCTION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	P. OCKENFELS
DRAWN:	PCO

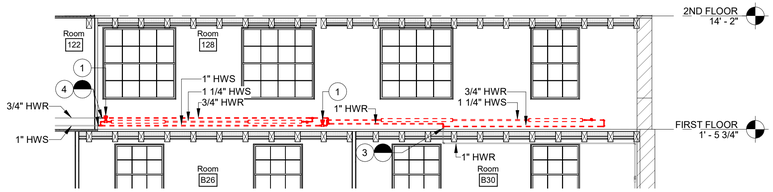
MECHANICAL GEN. NOTES, SYMBOLOGY, & ABBREVIATIONS

ARCHIVE BAR CODE

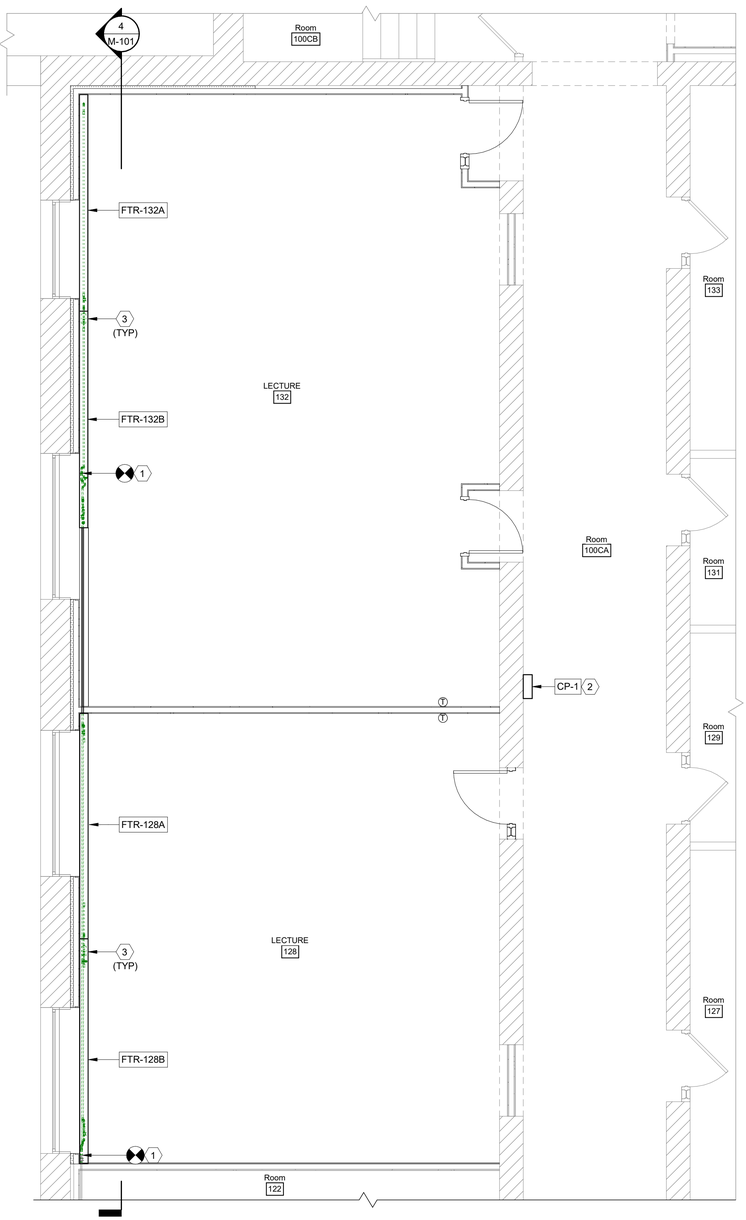
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18341094



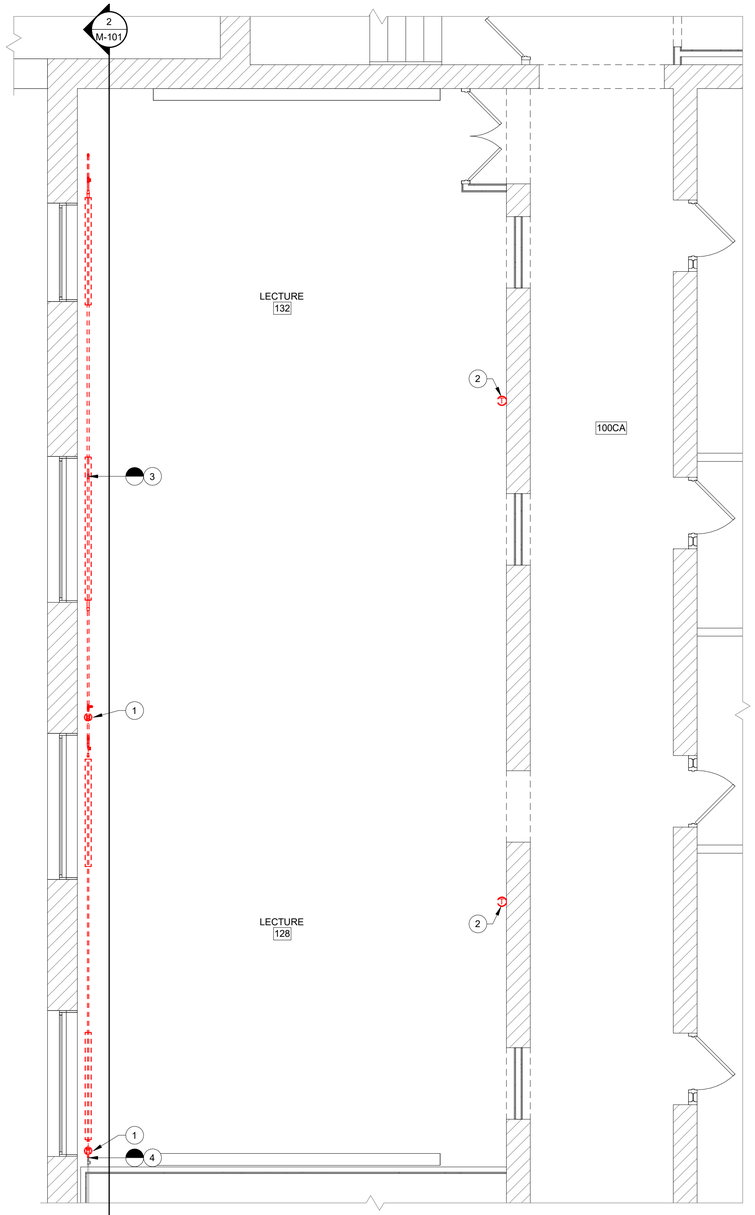
4 FIRST FLOOR RENOVATION SECTION
SCALE: 1/8" = 1'-0"



2 FIRST FLOOR DEMOLITION SECTION
SCALE: 1/8" = 1'-0"



3 PARTIAL FIRST FLOOR MECHAICAL RENOVATION PLAN
SCALE: 1/4" = 1'-0"



1 PARTIAL FIRST FLOOR MECHAICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

M-101 KEYED DEMOLITION NOTES

#	
1	REMOVE EXISTING PNEUMATIC TWO-WAY CONTROL VALVE, ACTUATOR, AND ASSOCIATED ACCESSORIES SERVING FINNED-TUBE RADIATION. PREPARE EXISTING HYDRONIC PIPING FOR CONNECTION TO NEW WORK. REMOVE AND TERMINATE ABANDONED TUBING IN ACCORDANCE WITH THE PNEUMATIC CONTROL TUBING TERMINATION NOTE ON SHEET M-001.
2	REMOVE EXISTING WALL-MOUNTED PNEUMATIC THERMOSTAT SERVING FINNED-TUBE RADIATION, INCLUDING BACKPLATE, FASTENERS, AND ASSOCIATED PNEUMATIC CONTROL TUBING. REMOVE AND TERMINATE ABANDONED TUBING IN ACCORDANCE WITH THE PNEUMATIC CONTROL TUBING TERMINATION NOTE ON SHEET M-001. PATCH UNUSED WALL PENETRATIONS AND REPAIR FINISHES TO MATCH ADJACENT SURFACES.
3	DISCONNECT EXISTING HEATING HOT WATER RETURN PIPING AT THE FLOOR PENETRATION. TEMPORARILY CAP AND PROTECT OPEN PIPING FROM DAMAGE AND CONTAMINATION. PREPARE EXISTING PIPING FOR RECONNECTION TO NEW WORK.
4	DISCONNECT EXISTING HEATING HOT WATER PIPING AS SHOWN. TEMPORARILY CAP AND PROTECT OPEN PIPING FROM DAMAGE AND CONTAMINATION. PREPARE EXISTING PIPING FOR RECONNECTION TO NEW WORK.

M-101 KEYED RENOVATION NOTES

#	
1	CONNECT NEW HEATING HOT WATER SUPPLY AND RETURN PIPING SERVING FINNED TUBE RADIATION TO THE EXISTING SYSTEM. FIELD VERIFY EXISTING PIPE SIZE, MATERIAL, ELEVATION, FLOW DIRECTION, AND CONNECTION LOCATION PRIOR TO BEGINNING WORK. COORDINATE SYSTEM SHUTDOWN WITH CORNELL PROJECT MANAGER. ISOLATE AND DRAIN ONLY THE PORTION OF THE SYSTEM REQUIRED TO COMPLETE THE WORK. PROVIDE ALL REQUIRED FITTINGS, TRANSITIONS, ISOLATION VALVES, SUPPORTS, AND PIPING SPECIALTIES FOR A COMPLETE INSTALLATION. UPON COMPLETION, FLUSH NEW PIPING, LEAK-TEST CONNECTIONS, REFILL THE SYSTEM, RESTORE THE EXISTING WATER TREATMENT CONCENTRATION, AND THOROUGHLY PURGE AIR FROM ALL NEW AND DISTURBED PIPING. PROVIDE MANUAL AIR VENTS AT NEW SYSTEM HIGH POINTS WHERE REQUIRED. RESTORE THE SYSTEM TO NORMAL OPERATION AND VERIFY PROPER FLOW THROUGH EACH NEW FINNED TUBE RADIATION CIRCUIT.
2	COORDINATE THE FINAL CONTROL PANEL LOCATION WITH THE FACILITY COORDINATOR AND ELECTRICAL TRADE PRIOR TO INSTALLATION. REFER TO THE ELECTRICAL DRAWINGS FOR CAT6A CABLING FROM THE DESIGNATED IT ROOM TO THE CONTROL PANEL.
3	COORDINATE THE LOCATION AND SIZE OF ALL FINNED-TUBE ENCLOSURE ACCESS DOORS AND REMOVABLE PANELS WITH CONTROL VALVES, BALANCING VALVES, ACTUATORS, AIR VENTS, DRAINS, UNIONS, AND OTHER DEVICES REQUIRING OPERATION, INSPECTION, OR MAINTENANCE. FIELD VERIFY DEVICE LOCATIONS PRIOR TO FABRICATION. PROVIDE SUFFICIENT CLEARANCE FOR FULL OPERATION, SERVICE, AND REMOVAL OF EACH DEVICE WITHOUT REMOVING ADJACENT PIPING OR ENCLOSURE SECTIONS.

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N

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"
0' 2' 4' 8'
SCALE: 1/4" = 1'-0"

231 FEENEY WAY
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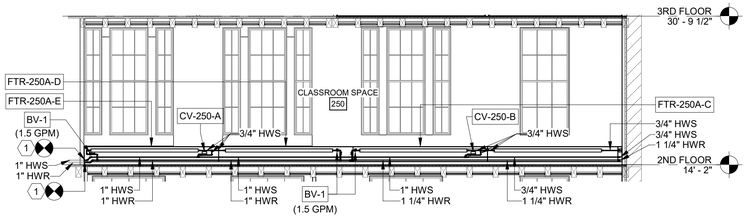
ROCKEFELLER HALL FLOOD REMEDIATION RECONSTRUCTION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	P. OCKENFELS
DRAWN:	PCO

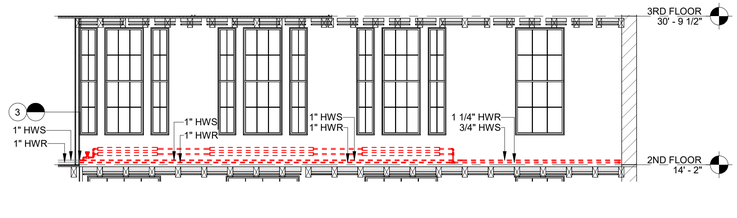
FIRST FLOOR MECHANICAL DEMOLITION & RENOVATION PLANS

ARCHIVE BAR CODE

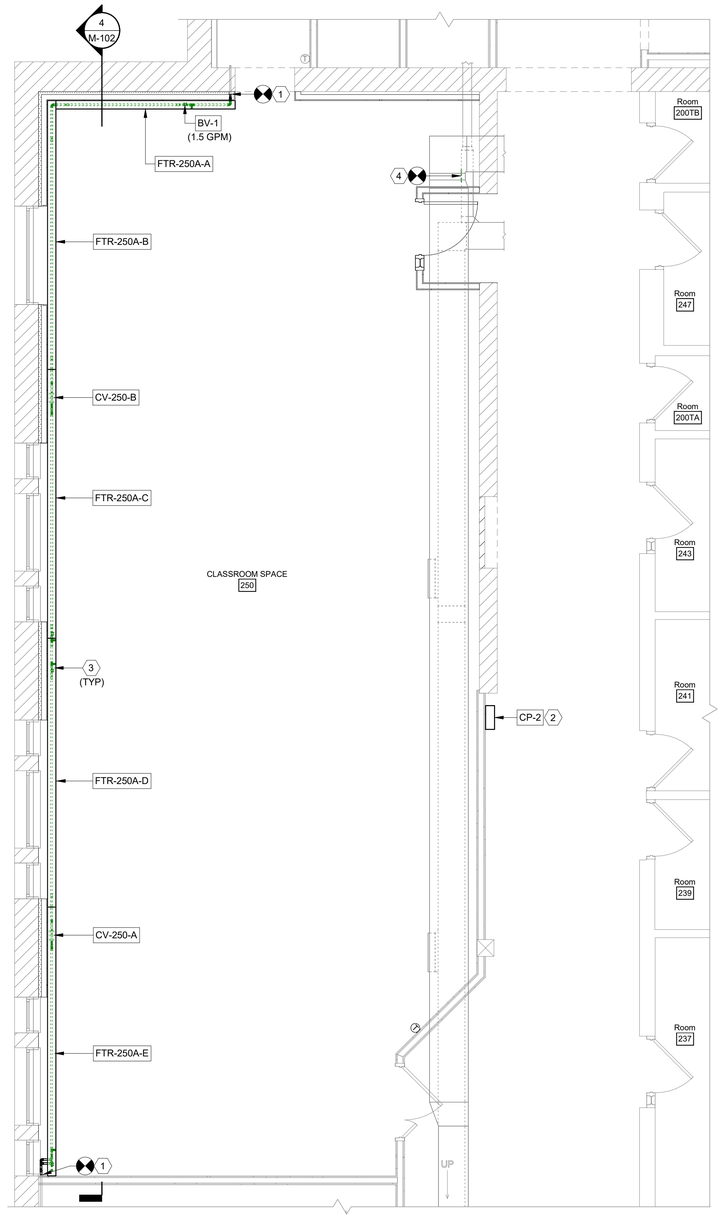
M-101
18341094



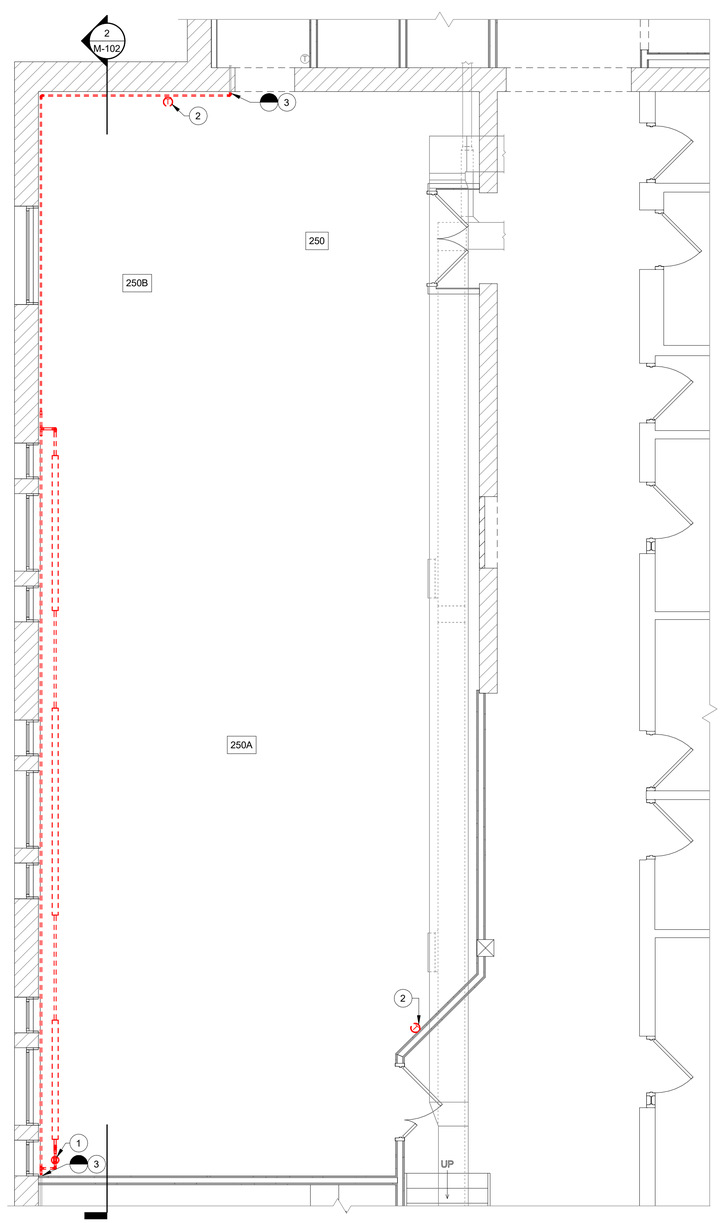
4 SECOND FLOOR RENOVATION SECTION
SCALE: 1/8" = 1'-0"



2 SECOND FLOOR DEMOLITION SECTION
SCALE: 1/8" = 1'-0"



3 PARTIAL SECOND FLOOR MECHANICAL RENOVATION PLAN
SCALE: 1/4" = 1'-0"



1 PARTIAL SECOND FLOOR MECHANICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

M-102 KEYED DEMOLITION NOTES

#	
1	REMOVE EXISTING PNEUMATIC TWO-WAY CONTROL VALVE, ACTUATOR, AND ASSOCIATED ACCESSORIES SERVING FINNED-TUBE RADIATION. PREPARE EXISTING HYDRONIC PIPING FOR CONNECTION TO NEW WORK. REMOVE AND TERMINATE ABANDONED TUBING IN ACCORDANCE WITH THE PNEUMATIC CONTROL TUBING TERMINATION NOTE ON SHEET M-001.
2	REMOVE EXISTING WALL-MOUNTED PNEUMATIC THERMOSTAT SERVING FINNED-TUBE RADIATION, INCLUDING BACKPLATE, FASTENERS, AND ASSOCIATED PNEUMATIC CONTROL TUBING. REMOVE AND TERMINATE ABANDONED TUBING IN ACCORDANCE WITH THE PNEUMATIC CONTROL TUBING TERMINATION NOTE ON SHEET M-001. PATCH UNUSED WALL PENETRATIONS AND REPAIR FINISHES TO MATCH ADJACENT SURFACES.
3	DISCONNECT EXISTING HEATING HOT WATER RETURN PIPING AS SHOWN. TEMPORARILY CAP AND PROTECT OPEN PIPING FROM DAMAGE AND CONTAMINATION. PREPARE EXISTING PIPING FOR RECONNECTION TO NEW WORK.

M-102 KEYED RENOVATION NOTES

#	
1	CONNECT NEW HEATING HOT WATER SUPPLY AND RETURN PIPING SERVING FINNED TUBE RADIATION TO THE EXISTING SYSTEM. FIELD VERIFY EXISTING PIPE SIZE, MATERIAL, ELEVATION, FLOW DIRECTION, AND CONNECTION LOCATION PRIOR TO BEGINNING WORK. COORDINATE SYSTEM SHUTDOWN WITH CORNELL PROJECT MANAGER. ISOLATE AND DRAIN ONLY THE PORTION OF THE SYSTEM REQUIRED TO COMPLETE THE WORK. PROVIDE ALL REQUIRED FITTINGS, TRANSITIONS, ISOLATION VALVES, SUPPORTS, AND PIPING SPECIALTIES FOR A COMPLETE INSTALLATION. UPON COMPLETION, FLUSH NEW PIPING, LEAK-TEST CONNECTIONS, REFILL THE SYSTEM, RESTORE THE EXISTING WATER TREATMENT CONCENTRATION, AND THOROUGHLY PURGE AIR FROM ALL NEW AND DISTURBED PIPING. PROVIDE MANUAL AIR VENTS AT NEW SYSTEM HIGH POINTS WHERE REQUIRED. RESTORE THE SYSTEM TO NORMAL OPERATION AND VERIFY PROPER FLOW THROUGH EACH NEW FINNED TUBE RADIATION CIRCUIT.
2	COORDINATE THE FINAL CONTROL PANEL LOCATION WITH THE FACILITY COORDINATOR AND ELECTRICAL TRADE PRIOR TO INSTALLATION. REFER TO THE ELECTRICAL DRAWINGS FOR CAT6A CABLING FROM THE DESIGNATED IT ROOM TO THE CONTROL PANEL.
3	COORDINATE THE LOCATION AND SIZE OF ALL FINNED-TUBE ENCLOSURE ACCESS DOORS AND REMOVABLE PANELS WITH CONTROL VALVES, BALANCING VALVES, ACTUATORS, AIR VENTS, DRAINS, UNIONS, AND OTHER DEVICES REQUIRING OPERATION, INSPECTION, OR MAINTENANCE. FIELD VERIFY DEVICE LOCATIONS PRIOR TO FABRICATION. PROVIDE SUFFICIENT CLEARANCE FOR FULL OPERATION, SERVICE, AND REMOVAL OF EACH DEVICE WITHOUT REMOVING ADJACENT PIPING OR ENCLOSURE SECTIONS.
4	PATCH DUCT OPENING WITH SHEET METAL MATCHING THE MATERIAL AND GAUGE OF THE EXISTING DUCTWORK, AND SEAL AIRTIGHT. EXISTING MAIN DUCT SHALL REMAIN.

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REVISIONS

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SCALE: 1/8" = 1'-0"
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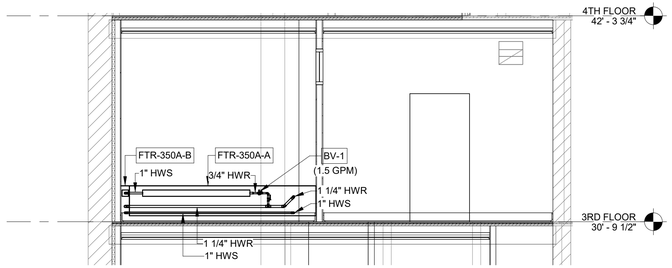
ROCKEFELLER HALL FLOOD REMEDIATION RECONSTRUCTION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	P. OCKENFELS
DRAWN:	PCO

SECOND FLOOR MECHANICAL DEMOLITION & RENOVATION PLANS

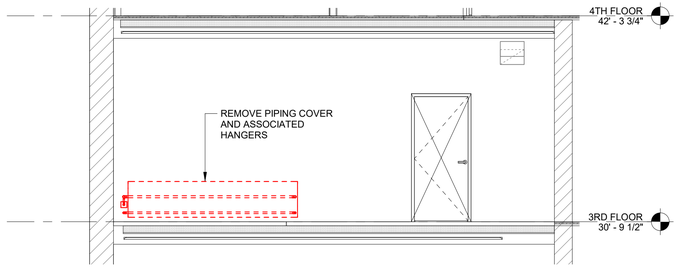
ARCHIVE BAR CODE

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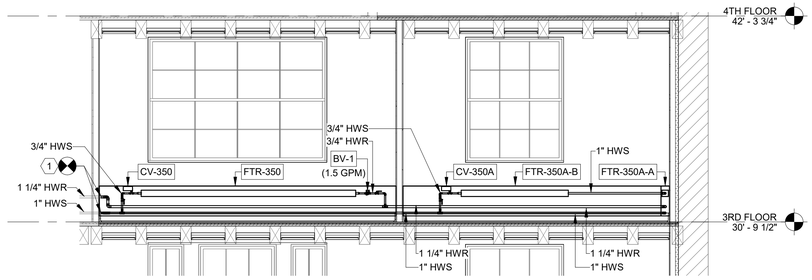
6 THIRD FLOOR RENOVATION SECTION 2

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



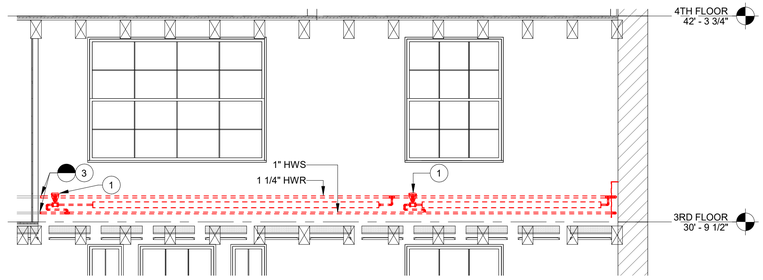
3 THIRD FLOOR DEMOLITION SECTION 2

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



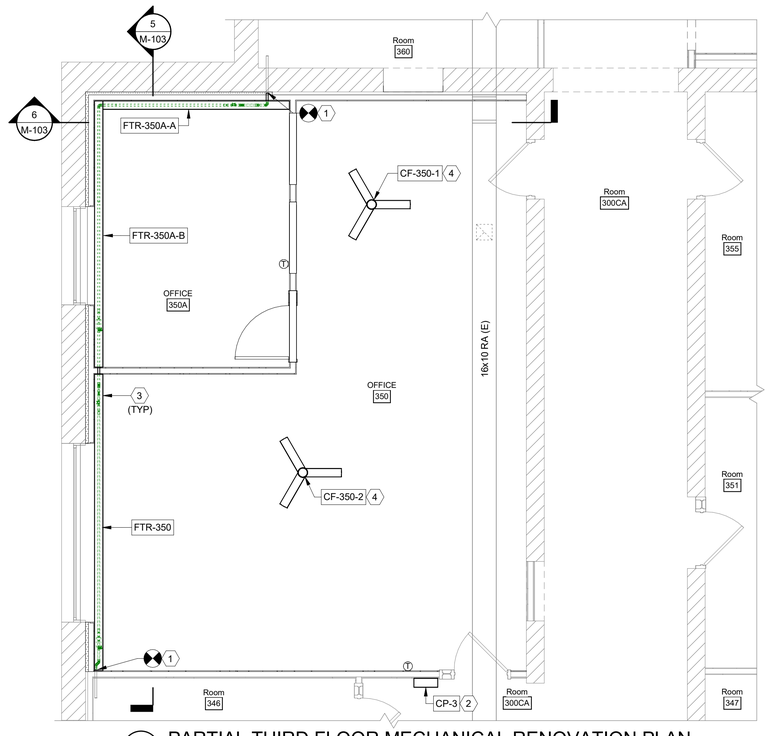
5 THIRD FLOOR RENOVATION SECTION 1

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



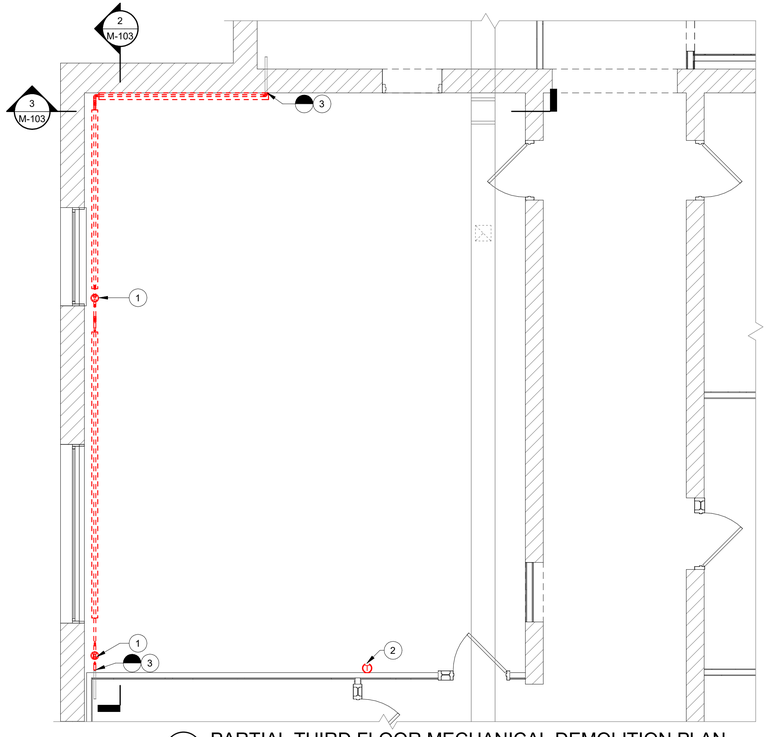
2 THIRD FLOOR DEMOLITION SECTION 1

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



4 PARTIAL THIRD FLOOR MECHANICAL RENOVATION PLAN

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



1 PARTIAL THIRD FLOOR MECHANICAL DEMOLITION PLAN

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

M-103 KEYED DEMOLITION NOTES

#	
1	REMOVE EXISTING PNEUMATIC TWO-WAY CONTROL VALVE, ACTUATOR, AND ASSOCIATED ACCESSORIES SERVING FINNED-TUBE RADIATION. PREPARE EXISTING HYDRONIC PIPING FOR CONNECTION TO NEW WORK. REMOVE AND TERMINATE ABANDONED TUBING IN ACCORDANCE WITH THE PNEUMATIC CONTROL TUBING TERMINATION NOTE ON SHEET M-001.
2	REMOVE EXISTING WALL-MOUNTED PNEUMATIC THERMOSTAT SERVING FINNED-TUBE RADIATION, INCLUDING BACKPLATE, FASTENERS, AND ASSOCIATED PNEUMATIC CONTROL TUBING. REMOVE AND TERMINATE ABANDONED TUBING IN ACCORDANCE WITH THE PNEUMATIC CONTROL TUBING TERMINATION NOTE ON SHEET M-001. PATCH UNUSED WALL PENETRATIONS AND REPAIR FINISHES TO MATCH ADJACENT SURFACES.
3	DISCONNECT EXISTING HEATING HOT WATER PIPING AS SHOWN. TEMPORARILY CAP AND PROTECT OPEN PIPING FROM DAMAGE AND CONTAMINATION. PREPARE EXISTING PIPING FOR RECONNECTION TO NEW WORK.

M-103 KEYED RENOVATION NOTES

#	
1	CONNECT NEW HEATING HOT WATER SUPPLY AND RETURN PIPING SERVING FINNED TUBE RADIATION TO THE EXISTING SYSTEM. FIELD VERIFY EXISTING PIPE SIZE, MATERIAL, ELEVATION, FLOW DIRECTION, AND CONNECTION LOCATION PRIOR TO BEGINNING WORK. COORDINATE SYSTEM SHUTDOWN WITH CORNELL PROJECT MANAGER. ISOLATE AND DRAIN ONLY THE PORTION OF THE SYSTEM REQUIRED TO COMPLETE THE WORK. PROVIDE ALL REQUIRED FITTINGS, TRANSITIONS, ISOLATION VALVES, SUPPORTS, AND PIPING SPECIALTIES FOR A COMPLETE INSTALLATION. UPON COMPLETION, FLUSH NEW PIPING, LEAK-TEST CONNECTIONS, REFILL THE SYSTEM, RESTORE THE EXISTING WATER TREATMENT CONCENTRATION, AND THOROUGHLY PURGE AIR FROM ALL NEW AND DISTURBED PIPING. PROVIDE MANUAL AIR VENTS AT NEW SYSTEM HIGH POINTS WHERE REQUIRED. RESTORE THE SYSTEM TO NORMAL OPERATION AND VERIFY PROPER FLOW THROUGH EACH NEW FINNED TUBE RADIATION CIRCUIT.
2	COORDINATE THE FINAL CONTROL PANEL LOCATION WITH THE FACILITY COORDINATOR AND ELECTRICAL TRADE PRIOR TO INSTALLATION. REFER TO THE ELECTRICAL DRAWINGS FOR CAT6A CABLING FROM THE DESIGNATED IT ROOM TO THE CONTROL PANEL.
3	COORDINATE THE LOCATION AND SIZE OF ALL FINNED-TUBE ENCLOSURE ACCESS DOORS AND REMOVABLE PANELS WITH CONTROL VALVES, BALANCING VALVES, ACTUATORS, AIR VENTS, DRAINS, UNIONS, AND OTHER DEVICES REQUIRING OPERATION, INSPECTION, OR MAINTENANCE. FIELD VERIFY DEVICE LOCATIONS PRIOR TO FABRICATION. PROVIDE SUFFICIENT CLEARANCE FOR FULL OPERATION, SERVICE, AND REMOVAL OF EACH DEVICE WITHOUT REMOVING ADJACENT PIPING OR ENCLOSURE SECTIONS.
4	PROVIDE ALL MOUNTING HARDWARE, WIRING, AND ACCESSORIES REQUIRED FOR A COMPLETE AND OPERATIONAL INSTALLATION. COORDINATE THE FINAL FAN LOCATION WITH LIGHTING, FIRE-PROTECTION EQUIPMENT, AND OTHER CEILING-MOUNTED DEVICES. SUPPORT FAN INDEPENDENTLY FROM THE BUILDING STRUCTURE IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTALLATION REQUIREMENTS.

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ARCH/ CIVIL:

ELECTRICAL:

MECHANICAL:

STATE OF NEW YORK
ERIK PAUL ESHELMAN
LICENSED PROFESSIONAL ENGINEER
084093

REVISIONS

1	11/02/26	ISSUE FOR CONSTRUCTION

N

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

0' 2' 4' 8'
SCALE: 1/4" = 1'-0"

231 FEENEY WAY
ITHACA, NEW YORK 14850

ROCKEFELLER HALL FLOOD REMEDIATION RECONSTRUCTION

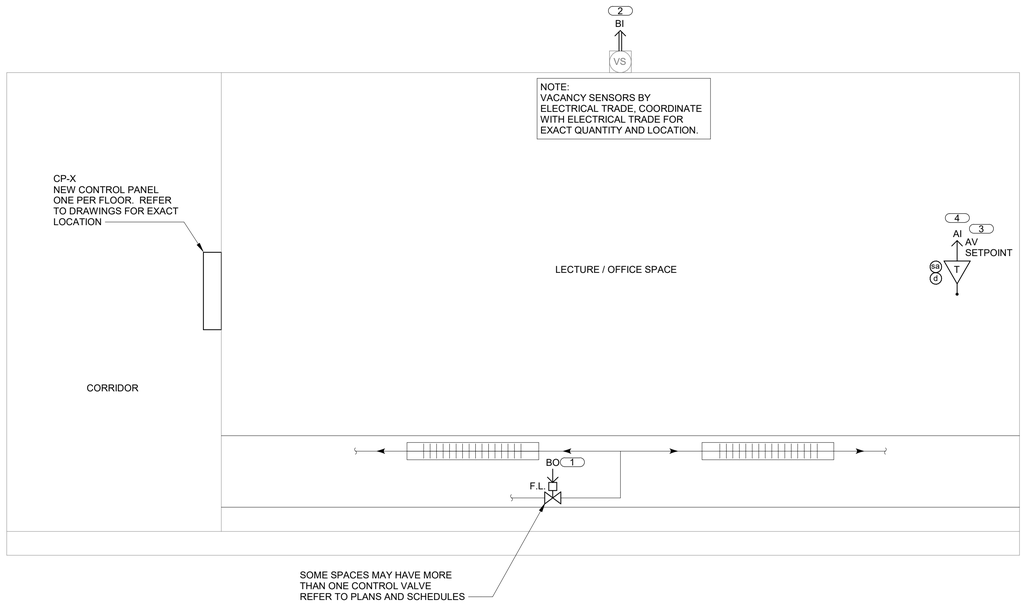
DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	P. OCKENFELS
DRAWN:	PCO

THIRD FLOOR MECHANICAL DEMOLITION & RENOVATION PLANS

ARCHIVE BAR CODE

M-103

18341094



FINNED TUBE RADIATION CONTROL POINTS

POINT #	CONTROL POINT NAME	HARDWARE POINTS				SOFTWARE POINTS							SHOW ON GRAPHIC	NOTES
		BI	BO	AI	AO	AV	BV	SCH	TREND	ALARM BACS	ALARM EMCS	ALARM DESCRIPTION		
1	CONTROL VALVE OPEN/CLOSE COMMAND		X						X				X	FAIL LAST
2	SPACE OCCUPANCY	X							X				X	
3	SPACE TEMPERATURE SETPOINT (°F)					X			X				X	
4	SPACE TEMPERATURE (°F)			X					X	X		+/- 4 °F FROM SETPOINT	X	

1 FINNED TUBE RADIATOR CONTROL SCHEMATIC
NOT TO SCALE

SYSTEM DESCRIPTION

BASEBOARD RADIATION HEATING

GENERAL

SYSTEM SHALL BE CONTROLLED THROUGH THE BUILDING AUTOMATION AND CONTROL SYSTEM (BACS).

ALL SETPOINTS SHALL BE ADJUSTABLE.

THE BACS SHALL BE CAPABLE OF STARTING AND STOPPING THE SYSTEM FOR SEVEN DIFFERENT DAILY SCHEDULES PER WEEK.

THE BACS SHALL BE CAPABLE OF RETAINING ITS PROGRAMMING AND TIME SETTING DURING A LOSS OF POWER FOR AT LEAST TEN HOURS.

DESIGN INTENT: HEATING SHALL BE ACCOMPLISHED BY FINNED TUBE RADIATORS. VENTILATION IS PROVIDED THROUGH NATURAL VENTILATION. MECHANICAL COOLING IS NOT PROVIDED FOR THESE SPACES.

SETPOINTS

SPACE HEATING TEMPERATURE SETPOINTS:

OCCUPIED:	70 °F +/- 1.5 °F
OCCUPIED SETBACK:	70 °F +/- 3 °F
UNOCCUPIED:	70 °F +/- 6 °F

MINIMUM SPACE OCCUPANCY INDEX TIME: 30 MINUTES

ZONE OCCUPANCY SCHEDULE: 6 AM TO 8 PM, MON-FRI

SPACE OCCUPANCY

ZONE OCCUPANCY SHALL BE DETERMINED BASED ON A COMBINATION OF A TIME OF DAY SCHEDULE AND A SPACE OCCUPANCY SENSOR. REFER TO ELECTRICAL DRAWING FOR VACANCY SENSOR LOCATIONS.

DURING THE SCHEDULED OCCUPANCY PERIOD, THE ZONE SHALL BE INITIALLY INDEXED TO OCCUPIED AND OPERATE FOR A MINIMUM OF 30 MINUTES, AT WHICH TIME THE SPACE OCCUPANCY SENSOR SHALL INDEX THE SPACE BETWEEN OCCUPIED AND OCCUPIED SETBACK MODE.

DURING THE SCHEDULED UNOCCUPIED PERIOD, THE SPACE OCCUPANCY SENSOR SHALL INDEX THE ZONE TO OCCUPIED FOR THE DURATION OF OCCUPANCY. THE ZONE SHALL INDEX BACK TO UNOCCUPIED WHEN OCCUPANCY IS NOT SENSED FOR A PERIOD OF 30 MINUTES.

ZONE TEMPERATURE CONTROL

TEMPERATURE SETPOINTS SHALL BE DETERMINED BASED ON A COMBINATION OF PROGRAMMED SCHEDULE AND ZONE OCCUPANCY.

OCCUPIED HEATING: IF THE ZONE IS OCCUPIED DURING THE SCHEDULED OCCUPIED PERIOD, THE BASEBOARD RADIATION CONTROL VALVE SHALL OPEN/CLOSE TO MAINTAIN SETPOINT.

OCCUPIED SETBACK: IF THE ZONE IS UNOCCUPIED DURING THE SCHEDULED OCCUPIED PERIOD, THE ABOVE OCCUPIED HEATING SEQUENCES SHALL APPLY. THE SPACE SHALL BE MAINTAINED AT THE OCCUPIED SETBACK TEMPERATURE SETPOINTS.

UNOCCUPIED HEATING SETBACK: WHEN THE SPACE IS UNOCCUPIED DURING THE SCHEDULED UNOCCUPIED PERIOD THE BASEBOARD RADIATION VALVE SHALL OPEN AS REQUIRED TO MAINTAIN SETPOINT.

BACS CONTROL PANELS AND NETWORK

PROVIDE ONE NEW BUILDING AUTOMATION CONTROL SYSTEM (BACS) PANEL ON EACH FLOOR INDICATED. EACH PANEL SHALL CONTAIN THE AUTOMATED LOGIC CONTROLLERS, I/O MODULES, CLASS 2 POWER SUPPLIES AND TRANSFORMERS, RELAYS, TERMINAL BLOCKS, AND OTHER COMPONENTS REQUIRED TO CONTROL THE NEW FINNED TUBE RADIATION ZONES LOCATED ON THAT FLOOR.

COORDINATE THE CONTROL PANEL'S EXACT LOCATION WITH FACILITY COORDINATOR AND ELECTRICAL TRADE.

CONTROL PANELS SHALL BE HOFFMAN-STYLE METAL ENCLOSURES WITH REMOVABLE BACKPLATES AND KEYED, HINGED, LOCKABLE COVERS. SIZE EACH PANEL SO THAT NO MORE THAN 80 PERCENT OF THE BACKPLATE SURFACE OR INTERNAL WIREWAY CAPACITY IS UTILIZED. ORGANIZE INTERNAL WIRING IN PLASTIC WIREWAY AND PERMANENTLY LABEL ALL CONTROLLERS, COMPONENTS, TERMINALS, AND WIRING.

LOCATE PANELS OUTSIDE OF LETURE SPACES. PANEL ACCESS SHALL NOT REQUIRE ENTRY THROUGH PRIVATE OR RESTRICTED USER SPACES. COORDINATE FINAL PANEL LOCATIONS WITH THE OWNER AND ARCHITECT PRIOR TO INSTALLATION. PROVIDE ALL PANEL PENETRATIONS FROM THE BOTTOM OF THE ENCLOSURE.

COORDINATE 120-VAC POWER SUPPLY WITH ELECTRICAL TRADE FOR EACH PANEL. PROVIDE 24-VAC CLASS 2 CONTROL POWER AS REQUIRED. SIZE TRANSFORMERS FOR THE CONNECTED CONTROLLER, SENSOR, RELAY, AND ACTUATOR LOADS. CONNECTED LOAD SHALL NOT EXCEED 80 PERCENT OF THE TRANSFORMER NAMEPLATE CAPACITY. COORDINATE 120-VAC CIRCUITS WITH DIVISION 26.

CONNECT THE NEW CONTROLLERS TO THE EXISTING CORNELL BACS NETWORK. COORDINATE CAT6A CABLING WITH ELECTRICAL TRADE. COORDINATE CONNECTION TO THE DESIGNATED CORNELL IT SWITCH OR EXISTING BACS NETWORK CONNECTION WITH CORNELL FACILITIES AND CORNELL IT. PROVIDE ALL REQUIRED NETWORK PORTS, PATCH CABLES, JACKS, TERMINATIONS, TESTING, AND PORT ACTIVATION.

COORDINATE THE FINAL CONTROL PANEL LOCATION WITH THE FACILITY COORDINATOR AND ELECTRICAL TRADE PRIOR TO INSTALLATION. REFER TO THE ELECTRICAL DRAWINGS FOR CAT6A CABLING FROM THE DESIGNATED IT ROOM TO THE CONTROL PANEL.

INSTALL NETWORK AND CONTROL WIRING IN ACCORDANCE WITH CORNELL STANDARDS AND SPECIFICATIONS. SEPARATE CONTROL AND COMMUNICATION WIRING FROM POWER WIRING. PROVIDE CONTINUOUS, UNSPLICED CONTROL WIRING BETWEEN CONTROLLERS AND FIELD DEVICES. LABEL NETWORK CABLING AT EACH END WITH "FROM" AND "TO" EQUIPMENT IDENTIFICATIONS.

INTEGRATE ALL NEW CONTROLLERS, SPACE SENSORS, AND CONTROL VALVES INTO THE EXISTING AUTOMATED LOGIC WEBCTRL SYSTEM. COORDINATE CONTROLLER ADDRESSES, IP ADDRESSES, MAC ADDRESSES, NETWORK CONFIGURATION, DEVICE NAMING, GRAPHICS, ALARMS, TRENDS, SCHEDULES, AND SETPOINTS WITH CORNELL FACILITIES. DO NOT CHANGE EXISTING CONTROLLER ADDRESSES WITHOUT OWNER AUTHORIZATION.

PROVIDE A COMPLETE NETWORK RISER DIAGRAM AND PANEL WIRING DIAGRAMS. DOCUMENT THE ACTUAL ROUTING OF NETWORK, POWER, AND CONTROL WIRING. PROVIDE AN AS-BUILT HARD COPY OF THE PANEL DRAWINGS AND ASSOCIATED FIELD-DEVICE DOCUMENTATION IN A PROTECTIVE POCKET INSIDE EACH PANEL DOOR.

PROGRAM, START UP, CALIBRATE, TEST, AND COMMISSION THE COMPLETE SYSTEM. DEMONSTRATE PROPER OPERATION OF EACH SPACE SENSOR, CONTROLLER, AND FINNED-TUBE CONTROL VALVE THROUGH THE EXISTING WEBCTRL SYSTEM.

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ARCH/ CIVIL:
ELECTRICAL:
MECHANICAL:



REVISIONS

1	11/02/26	ISSUE FOR CONSTRUCTION

231 FEENEY WAY
ITHACA, NEW YORK 14850

ROCKEFELLER HALL FLOOD REMEDIATION RECONSTRUCTION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	P. OCKENFELS
DRAWN:	PCO

MECHANICAL CONTROLS

ARCHIVE BAR CODE

M-401

18341094

CEILING FAN (CF)

NOTES:
1) PROVIDE LISTED MAKE AND MODEL OR APPROVED EQUAL.
2) PROVIDE WITH WALL-MOUNTED ON/OFF AND VARIABLE-SPEED CONTROLLER.
3) PROVIDE ALL MOUNTING HARDWARE, WIRING, AND ACCESSORIES REQUIRED FOR A COMPLETE AND OPERATIONAL INSTALLATION.

		BASIS OF DESIGN		FAN								ELECTRICAL				
TAG #	SERVES	MANF	MODEL	BLADE SPAN (IN)	# OF BLADES	CFM (MAX)	RPM (MAX)	BLADE MATERIAL	LIGHT (Y/N)	CONTROLLER (Y/N)	COLOR	V/PH/HZ	WATTS	AMP	WEIGHT (LBS)	NOTES
CF-350-1	ROOM 350	MINKA-AIRE	ROTO F524-WHF	52	3	4422	212	ABS	N	Y	WHITE	120 / 1 / 60	58	0.42	11	1, 2, 3
CF-350-2	ROOM 350	MINKA-AIRE	ROTO F524-WHF	52	3	4422	212	ABS	N	Y	WHITE	120 / 1 / 60	58	0.42	11	1, 2, 3

HVAC PIPE AND FITTING SCHEDULE AND SPECIFICATIONS

SPECS:

1) SOLDER FILLER METALS: ASTM B32, LEAD-FREE ALLOYS. INCLUDE WATER FLUSHABLE FLUX ACCORDING TO ASTM B813.
2) DIELECTRIC FITTINGS: USE FLANGES OR COUPLINGS. UNIONS ARE UNACCEPTABLE
3) INSTALL ESCUTCHEONS FOR PENETRATIONS OF WALLS, CEILING, AND FLOORS
4) INSTALL SLEEVES FOR PIPES PASSING THROUGH CONCRETE AND MASONRY WALLS, GYPSUM-BOARD PARTITIONS, AND CONCRETE FLOOR AND ROOF SLABS.
5) INSTALL PIPING SYSTEMS TO FACILITATE SERVICE, MAINTENANCE AND REPAIR OR REPLACEMENT OF COMPONENTS.
6) ALL INSULATION AND ADHESIVE SHALL HAVE A MAXIMUM FLAME-SPREAD INDEX OF 25 AND A MAXIMUM SMOKE-DEVELOPED INDEX OF 50 WHEN TESTED IN ACCORDANCE WITH ASTM E84.
   TYPE A INSULATION: PRE-FORMED MINERAL FIBERGLASS, ASTM C547 TYPE I, ASTM C1136 FACTORY APPLIED SELF-SEALING ALL SERVICE JACKET.
7) ALL PIPING AND INSULATION SYSTEM EXPOSED TO VIEW SHALL BE PAINTED TO MATCH SURROUNDING SURFACES
8) PROVIDE ALUMINUM OR PVC FIELD APPLIED JACKETING IN HIGH TRAFFIC AREAS AND ALL EXPOSED PIPING BELOW 8 FEET.
9) MAINTAIN INDICATED FIRE RATING OF WALLS, PARITIONS, CEILINGS, AND FLOORS AT PIPE PENETRATIONS. SEAL PIPE PENETRATIONS WITH FM APPROVED FIRESTOP MATERIALS
10) INSTALL DRAINS, CONSISTING OF A TEE FITTING, NPS 3/4 BALL VALVE, AND SHORT NPS 3/4 THREADED NIPPLE AT LOW POINTS IN PIPING SYSTEM AS REQUIRED FOR DRAINAGE.
11) INSTALL MANUAL AIR VENT AT HIGH POINT IN PIPING SYSTEM AS REQUIRED FOR BLEEDING SYSTEM OF AIR.
12) PROVIDE PIPE LABELS AND DIRECTIONAL ARROWS ON ALL NEW PIPING SYSTEMS. LABELS SHALL BE PRINTED PLASTIC WITH CONTACT-TYPE, PERMANENT ADHESIVE BACKING.
13) TESTING:
    FILL SYSTEM WITH AMBIENT TEMPERATURE WATER. USE VENTS INSTALLED AT HIGH POINTS OF SYSTEM TO RELEASE AIR. USE DRAINS INSTALLED AT LOW POINTS FOR COMPLETE DRAINING OF TEST LIQUID.
    ISOLATE EXPANSION TANKS AND DETERMINE THAT HYDRONIC SYSTEM IS FULL OF WATER
    SUBJECT PIPING SYSTEM TO HYDROSTATIC TEST PRESSURE THAT IS NOT LESS THAN 1.5 TIMES THE SYSTEM WORKING PRESSURE. TEST PRESSURE SHALL NOT EXCEED MAXIMUM PRESSURE FOR DEVICE IN THE SYSTEM UNDER TEST.
    AFTER HYDROSTATIC TEST PRESSURE HAS BEEN APPLIED FOR AT LEAST 10 MINUTES, EXAMINE PIPING, JOINTS, AND CONNECTIONS FOR LEAKAGE.
    ELIMINATE LEAKS BY TIGHTENING, REPAIRING, OR REPLACING COMPONENTS, AND REPEAT HYDROSTATIC TEST UNTIL THERE ARE NO LEAKS.
    ARRANGE FOR INSPECTION BY FACILITIES MANAGEMENT PIPE SHOP.
14) CHEMICAL TREATMENT OF NON-GLYCOL HYDRONIC HEATING SYSTEMS:
    AFTER CLEANING AND INSPECTION, ADD A MOLYBDATE BASED CORROSION INHIBITOR. ACCEPTABLE CORROSION INHIBITORS SHALL INCLUDE A COMBINATION OF SODIUM MOLYBDATE AND TOLYLTRIAZOLE.
    TEST FOR RESIDUAL CONCENTRATION AS FOLLOWS: 150 PPM MOLYBDATE; 8.3-9 PH; 10-20 PPM TOLYLTRIAZOLE.
    ARRANGE FOR INSPECTION BY FACILITIES MANAGEMENT WATER TREATMENT LAB BEFORE FINAL ACCEPTANCE.

						INSULATION				
PIPE SERVICE	ABBREVIATION	PIPE SIZE	MATERIAL	FITTINGS	JOINT	THICKNESS (IN)	CONDUCTIVITY (BTU-IN/HR-FT²-°F)	MEAN TEMP (°F)	MATERIAL	VAPOR RETARDER
HEATING HOT WATER (141°F - 200°F)	HWS&R	1-1/4" & BELOW	ASTM B88 TYPE L COPPER	ASTM B16.22 STD WROUGHT COPPER	ASTM B32 SOLDER	1.5	0.25 - 0.29	125	A	NO
HEATING HOT WATER (141°F - 200°F)	HWS&R	1-1/2" - 3"	ASTM B88 TYPE L COPPER	ASTM B16.22 STD WROUGHT COPPER	ASTM B32 SOLDER	2	0.25 - 0.29	125	A	NO

PIPING ACCESSORIES SCHEDULE AND SPECIFICATIONS

NOTES:
1) FOR VALVES INSTALLED IN INSULATED PIPING SYSTEMS, PROVIDE EXTENDED HANDLE.
2) PROVIDE VALVES WITH UNIONS OR FLANGES AT EACH PIECE OF EQUIPMENT ARRANGED TO ALLOW SERVICE, MAINTENANCE AND EQUIPMENT REMOVAL WITHOUT SYSTEM SHUTDOWN.
3) PROVIDE PRESSURE/TEMPERATURE TEST PORTS AT ALL PUMPS, HEAT EXCHANGERS, COILS, AND WHERE INDICATED.
4) PROVIDE PRESSURE GAUGE IN PIPING TEE WITH BALL SHUTOFF VALVE. SNUBBERS ARE NOT ACCEPTABLE.
5) PROVIDE UNIONS ADJACENT TO VALVES AND AT FINAL EQUIPMENT CONNECTIONS.
6) PROVIDE MANUAL AIR VENTS AT HIGH POINTS IN PIPING SYSTEM, HEAT TRANSFER COILS, AND ELSEWHERE AS REQUIRED FOR SYSTEM AIR VENTING.
7) PROVIDE DRAIN VALVES AT MAIN SHUT-OFF VALVES, LOW POINTS OF PIPING SYSTEM, AND ELSEWHERE AS REQUIRED FOR SYSTEM DRAINING.
8) ON DEVICES WHERE THE DIFFERENTIAL PRESSURE IS THE DESIRED INFORMATION, INSTALL ONLY ONE PRESSURE GAUGE WITH VALVED CONNECTIONS TO THE UPSTREAM AND DOWNSTREAM PRESSURE TAPS.

TAG	COMPONENT	ACCEPTABLE MANUFACTURERS	BASIS OF DESIGN		PRESSURE RATING	SPECIFICATION
			MANF	MODEL		
AV-1	AIR VENTS	ARMSTRONG, BELL & GOSSETT, SARCO	BELL & GOSSETT	MODEL 87	150 PSIG	BRASS BODY, NON-FERROUS INTERNALS
BV-1	BALANCE VALVE, NPS 1/2 - 2 INCH	ARMSTRONG, BELL & GOSSETT, TOUR & ANDERSON	BELL & GOSSETT	CB SERIES, CB 3/4	200 PSIG @ 250 °F	0.6 - 3.0 GPM RANGE, BRONZE, BALL OR PLUG TYPE BODY WITH CALIBRATED ORIFICE OR VENTURI; GLASS AND CARBON FILLED TFE OR EPDM SEAT RINGS, EPDM STEM O-RING, WITH INTEGRAL SEALS FOR PORTABLE DIFFERENTIAL PRESSURE METER, WITH LEVER HANDLE AND MEMORY STOP TO RETAIN SET POSITION.
V-1	SHUT-OFF BALL VALVE, NPS 1/2 - 2 INCH, WATER AND LOW PRESSURE STEAM SERVICE	APOLLO, WATTS	WATTS	B6000-SS	300 PSIG WOG, 150 PSIG WSP	MSS SP-110, 2-PIECE, STANDARD PORT, BRONZE BODY, 316 SS BALL & STEM, PTFE OR TFE SEAT

CONTROL VALVE SCHEDULE (CV)

SPECS

1) ACCEPTABLE MANUFACTURERS: BELIMO, VSI...
2) ACTUATOR CONTROL: 24 VAC, TWO-POSITION (OPEN/CLOSE).
3) 2-WAY VALVES: EQUAL PERCENTAGE FLOW CHARACTERISTIC
4) CONSTRUCTION: CHARACTERIZING DISK, FORGED BRASS, NICKEL PLATED BODY, STAINLESS STEEL BALL AND STEM, FIBERGLASS REINFORCED PTFE SEAT
5) RATINGS: 400 PSI PRESSURE, 0-212 F MEDIA TEMPERATURE RANGE
6) ALL CONTROL WIRING SHALL BE INSTALLED IN CONDUIT.

CONTROL WIRING IN MECHANICAL EQUIPMENT ROOMS, NON-ACCESSIBLE CEILINGS, AND VERTICAL CHASES SHALL BE INSTALLED IN ELECTROMETALLIC TUBING WITH COMPRESSION FITTINGS.

CONTROL WIRING IN INTERSTITIAL SPACES SHALL EITHER BE INSTALLED IN EMT OR A CABLE TRAY RACEWAY.

CONTROL WIRING INSTALLED OUTDOORS OR ANY AREA SUBJECT TO MOISTURE SHALL BE INSTALLED IN RIGID GALVANIZED STEEL WITH COMPRESSION FITTINGS.

CONTROL WIRING INSTALLED ABOVE ACCESSIBLE CEILING SPACES WHICH ARE NOT LABORATORIES OR AHUS SHALL BE PLENUM TYPE, NOT INSTALLED IN CONDUIT, BUT NEATLY RUN WITH GENEROUS USE OF RINGS OR TIES.

CONTROL WIRING SHALL BE UNSPLICED FROM THE CONTROLLER TO THE SENSOR OR DEVICE.

CONTROL WIRING SHALL NOT BE ROUTED IN THE SAME RACEWAY AS POWER WIRING.

CONTROL WIRING SHALL BE COLOR CODED AND LABELED AT ALL POINTS OF TERMINATION.

TEST EACH POINT THROUGH ITS FULL OPERATING RANGE TO VERIFY THAT SAFETY AND OPERATING CONTROL SET POINTS ARE AS REQUIRED.

TEST EACH CONTROL LOOP TO VERIFY STABLE MODE OF OPERATION AND COMPLIANCE WITH SEQUENCE OF OPERATION. ADJUST PID ACTIONS AS REQUIRED.

THE BACS CONTRACTOR SHALL ISSUE A REPORT UPON PROJECT COMPLETION STATING THAT THE SYSTEM IS COMPLETE, HAS BEEN ADJUSTED, AND HAS HAD ALL HARDWARE AND SOFTWARE FUNCTIONS VERIFIED, THAT ALL ANALOG CONTROL LOOPS ARE TUNED, AND IS OPERATING IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
ANY DEVIATIONS FROM SPECIFIED SETTINGS OR OPERATIONS, NECESSITATED DURING SYSTEM ADJUSTMENT, SHALL BE SPECIFICALLY NOTED.

	BASIS OF DESIGN			VALVE					ACTUATOR			
TAG #	MANF	MODEL	SERVICE	TYPE	SIZE	CV	CAPACITY (GPM)	MAX PD (PSIG)	MODEL	CONTROL	FAIL POS	NOTES
CV-128	BELIMO	CCV-B214	HEATING	2-WAY	1/2"	-	3	7.4	TR24-3-T US	ON / OFF	LAST	-
CV-132	BELIMO	CCV-B214	HEATING	2-WAY	1/2"	-	3	7.4	TR24-3-T US	ON / OFF	LAST	-
CV-250-A	BELIMO	CCV-B214	HEATING	2-WAY	1/2"	-	3	7.4	TR24-3-T US	ON / OFF	LAST	-
CV-250-B	BELIMO	CCV-B214	HEATING	2-WAY	1/2"	-	3	7.4	TR24-3-T US	ON / OFF	LAST	-
CV-350	BELIMO	CCV-B214	HEATING	2-WAY	1/2"	-	1.5	7.4	TR24-3-T US	ON / OFF	LAST	-
CV-350A	BELIMO	CCV-B214	HEATING	2-WAY	1/2"	-	1.5	7.4	TR24-3-T US	ON / OFF	LAST	-

FINNED TUBE RADIATION SCHEDULE (FTR)

SPECS:

1) ACCEPTABLE MANUFACTURERS: VULCAN, STERLING, TRANE

2) PERFORMANCE SHALL BE RATED ACCORDING TO HYDRONICS INSTITUTE'S I=B=R RATING STANDARD FOR BASEBOARD RADIATION

3) HEAT OUTPUT INDICATED IS THE OUTPUT AT STANDARD RATING CONDITIONS CORRECTED FOR WATER VELOCITY, ENTERING AIR TEMPERATURES, AND MOUNTING HEIGHTS, AS REQUIRED.

4) HEATING ELEMENTS: COPPER TUBING MECHANICALLY EXPANDED INTO FLANGED COLLARS OF EVENLY SPACED ALUMINUM FINS, MINIMUM WORKING PRESSURE OF 180 PSI @ 300 °F.

5) HEATING ELEMENTS: COPPER/ALUMINUM HEATING ELEMENTS SHALL BE MANUFACTURED WITH SEAMLESS COPPER TUBING MECHANICALLY EXPANDED INTO THE DIAMETER OF THE EQUALLY SPACED ALUMINUM FINS.

6) ENCLOSURE: MINIMUM 16 GA (0.0635-INCH) ZINC-COATED STEEL.

7) ELEMENT SUPPORTS: BALL BEARING CRADLE TYPE TO PERMIT LONGITUDINAL MOVEMENT ON ENCLOSURE BRACKETS.

8) FINISH: BAKED ENAMEL IN MANUFACTURER'S STANDARD COLOR AS SELECTED BY ARCHITECT.

9) ACCESSORIES: END TRIM, INSIDE CORNER, OUTSIDE CORNER, END ENCLOSURE, ACCESS PANEL.

10) INSTALL FINTUBE RADIATION IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
    INSTALL ENCLOSURE CONTINUOUSLY AROUND CORNERS, USING OUTSIDE AND INSIDE CORNER FITTINGS.
    JOIN SECTIONS WITH SPLICE PLATES AND FILLER PIECES TO PROVIDE CONTINUOUS ENCLOSURE.
    INSTALL ENCLOSURE CONTINUOUSLY FROM WALL TO WALL, AND TERMINATE WITH MANUFACTURER'S END TRIM.
    TERMINATE ENCLOSURES WITH MANUFACTURER'S END CAPS, EXCEPT WHERE ENCLOSURES ARE INDICATED TO EXTEND TO ADJOINING WALLS.

NOTE:

1) FINNED TUBE ENCLOSURE ONLY.

	BASIS OF DESIGN													ENCLOSURE					
TAG #	MAKE	MODEL	LOCATION	TUBE DIA (IN)	FIN SIZE (IN)	FIN / FT	TIERS	HEAT OUTPUT (BTUH / LF)	ACTIVE FINNED LENGTH	TOTAL OUTPUT	WATER DELTA T (°F)	FLOW RATE (GPM)	ENT AIR TEMP (°F)	AVE WATER TEMP (°F)	STYLE	HEIGHT	WIDTH	MOUNTING HEIGHT	LENGTH	NOTES
FTR-128A	VULCAN	JDV4-20	ROOM 128	1"	4-1/4 SQ	50	1	1345 Btu/h	9' - 0"	12105 Btu/h	16.1	1.5	65	180	FLAT TOP	1' - 8 3/16"	5 9/16"	2' - 0"	12' - 7"	
FTR-128B	VULCAN	JDV4-20	ROOM 128	1"	4-1/4 SQ	50	1	1345 Btu/h	9' - 0"	12105 Btu/h	16.1	1.5	65	180	FLAT TOP	1' - 8 3/16"	5 9/16"	2' - 0"	12' - 7"	
FTR-132A	VULCAN	JDV4-20	ROOM 132	1"	4-1/4 SQ	50	1	1345 Btu/h	10' - 0"	13450 Btu/h	16.1	1.5	65	180	FLAT TOP	1' - 8 3/16"	5 9/16"	2' - 0"	12' - 1"	
FTR-132B	VULCAN	JDV4-20	ROOM 132	1"	4-1/4 SQ	50	1	1345 Btu/h	10' - 0"	13450 Btu/h	17.9	1.5	65	180	FLAT TOP	1' - 8 3/16"	5 9/16"	2' - 0"	12' - 1"	
FTR-250A-A	VULCAN	JDV4-20	ROOM 250A	1"	4-1/4 SQ	50	1	1345 Btu/h	6' - 0"	8070 Btu/h	10.8	1.5	65	180	FLAT TOP	1' - 8 3/16"	5 9/16"	2' - 0"	10' - 0"	
FTR-250A-B	VULCAN	JDV4-20	ROOM 250A	1"	4-1/4 SQ	50	1	1345 Btu/h	12' - 0"	16140 Btu/h	21.5	1.5	65	180	FLAT TOP	1' - 8 3/16"	5 9/16"	2' - 0"	15' - 0"	
FTR-250A-C	VULCAN	JDV4-20	ROOM 250A	1"	4-1/4 SQ	50	1	1345 Btu/h	12' - 0"	16140 Btu/h	21.5	1.5	65	180	FLAT TOP	1' - 8 3/16"	5 9/16"	2' - 0"	15' - 0"	
FTR-250A-D	VULCAN	JDV4-20	ROOM 250A	1"	4-1/4 SQ	50	1	1345 Btu/h	12' - 0"	16140 Btu/h	21.5	1.5	65	180	FLAT TOP	1' - 8 3/16"	5 9/16"	2' - 0"	15' - 0"	
FTR-250A-E	VULCAN	JDV4-20	ROOM 250A	1"	4-1/4 SQ	50	1	1345 Btu/h	12' - 0"	16140 Btu/h	21.5	1.5	65	180	FLAT TOP	1' - 8 3/16"	5 9/16"	2' - 0"	15' - 0"	
FTR-350	VULCAN	JDV4-20	ROOM 350	1"	4-1/4 SQ	50	1	1345 Btu/h	12' - 0"	16140 Btu/h	21.5	1.5	65	180	FLAT TOP	1' - 8 3/16"	5 9/16"	2' - 0"	16' - 7"	
FTR-350A-A	VULCAN	JDV4-20	ROOM 350A	1"	4-1/4 SQ	50	1	1345 Btu/h	6' - 0"	8070 Btu/h	10.8	1.5	65	180	FLAT TOP	1' - 8 3/16"	5 9/16"	2' - 0"	9' - 5"	
FTR-350A-B	VULCAN	JDV4-20	ROOM 350A	1"	4-1/4 SQ	50	1	1345 Btu/h	6' - 0"	8070 Btu/h	10.8	1.5	65	180	FLAT TOP	1' - 8 3/16"	5 9/16"	2' - 0"	14' - 11"	

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201 HUMPHREYS SERVICE BLDG.
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ELECTRICAL:
MECHANICAL:

STATE OF NEW YORK
ERIK PAUL ESHELMAN
LICENSED PROFESSIONAL ENGINEER
084093

REVISIONS

1	11/02/26	ISSUE FOR CONSTRUCTION

231 FEENEY WAY
ITHACA, NEW YORK 14850

ROCKEFELLER HALL FLOOD REMEDIATION RECONSTRUCTION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	P. OCKENFELS
DRAWN:	PCO

MECHANICAL SCHEDULES

ARCHIVE BAR CODE

M-501
18341094

ELECTRICAL ABBREVIATIONS

AC	AIR CONDITIONER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFI	ARC FAULT INTERRUPTER
AMM	ADDRESSABLE MONITOR MODULE
AOM	ADDRESSABLE OUTPUT MODULE
ARB	AUXILIARY RELAY BOARD
ATS	AUTOMATIC TRANSFER SWITCH
B	BASEBOARD
BKR	BREAKER
C	CONDUIT
CD	CANDELA
CKT	CIRCUIT
CR	CONTROL RELAY
EC	ELECTRICAL CONTRACTOR
EMT	ELECTRICAL METALLIC TUBING
EPO	EMERGENCY POWER OFF STATION

ELECTRICAL ABBREVIATIONS

ER	EXISTING TO REMAIN
F	FAN
FAA	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FSD	FIRE SMOKE DAMPER
GAA	GENERATOR ALARM ANNUNCIATOR
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
HP	HORSEPOWER
KW	KILOWATT
LC	LIGHTING CONTACTOR
LFMC	LIQUID TIGHT FLEXIBLE METALLIC CONDUIT
LTG	LIGHTING
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUG ONLY
MS	MOTORIZED SHADE
MTS	MANUAL TRANSFER SWITCH
NAC	NOTIFICATION APPLIANCE CIRCUIT

ELECTRICAL ABBREVIATIONS

NIC	NOT IN CONTRACT
OE	OVERHEAD ELECTRIC
PC	PHOTOCELL
PM	PLUGMOLD
PP	POWER PANEL
PVC	POLYVINYL CHLORIDE CONDUIT
RGS	RIGID GALVANIZED STEEL CONDUIT
SR	SURFACE RACEWAY
ST	SHUNT TRIP
TM	THERMAL MAGNETIC
TR	TRIM/CASEWORK/WAINSCOTT
TSP	TWISTED SHIELDED PAIR
TYP	TYPICAL
UE	UNDERGROUND ELECTRIC
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLTS
VA	VOLT AMPS
WP	WATERPROOF

LIGHTING LEGEND

	LIGHT POLE WITH LED LUMINAIRES. REFER TO PLANS FOR NUMBER AND CONFIGURATION OF HEADS
	1'x2' LUMINAIRE
	1'x4' LUMINAIRE
	2'x4' LUMINAIRE
	CEILING MOUNTED LUMINAIRE
	CEILING MOUNTED PENDANT LUMINAIRE
	EM LIGHTING BATTERY UNIT
	COMBO EXIT SIGN/EM LIGHTING BATTERY UNIT
	SINGLE FACE, WALL MOUNT EXIT SIGN
	DOUBLE FACE, WALL MOUNT EXIT SIGN
	SINGLE FACE, CEILING MOUNT EXIT SIGN
	DOUBLE FACE, CEILING MOUNT EXIT SIGN
OS	WIRELESS OCCUPANCY SENSOR
DS	WIRELESS DAYLIGHT SENSOR
$	LIGHT SWITCH: 3 = 3-WAY SWITCH 4 = 4-WAY SWITCH D = DIMMER SWITCH O = WALL SWITCH OCCUPANCY SENSOR V = WALL SWITCH VACANCY SENSOR W = WIRELESS SWITCH S = WIRELESS SCENE SWITCH
EM	EMERGENCY LIGHT FIXTURE

ELECTRICAL SUBMITTAL REGISTRY

SECTION	DESCRIPTION	MATERIAL	SHOP DRAWINGS	COORD. DRAWINGS	AS-BUILT DRAWINGS	PRODUCT DATA	SCHEDULES	WIRING DIAGRAMS	CALCULATIONS	SAMPLES	MOCKUPS	STANDARDS	QUALIFICATIONS	CERTIFICATIONS	MFR. INSTRUCTIONS	INSP. & TEST REPORTS	OPS & MAINT. DATA	WARRANTIES & BONDS
26 05 29	HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS		X															
26 05 33	RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS		X															
26 05 33.23	SURFACE RACEWAYS FOR ELECTRICAL SYSTEMS		X															
26 09 23	LIGHTING CONTROL DEVICES		X															
26 27 26	WIRING DEVICES		X															
26 50 00	LIGHTING		X															
27 15 00	COMMUNICATIONS HORIZONTAL CABLING		X															
28 31 00	FIRE DETECTION AND ALARM		X															

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	SIZE	FINISH	MANUFACTURER	CATALOG NO.	VOLTAGE	WATTAGE	LAMP	LUMENS	CCT	DRIVER	COUNT	NOTES
A1-2625	NARROW EXTRUDED ALUMINUM 4" LINEAR DIRECT LED	PENDANT	4" X 6" X 8'	WHITE	FOCAL POINT	FSM4LS-PD15-625LF-35K-1C-UNV-WH-8FT	120/277	19 PER FT	LED	625 PER FT	3500K	0-10V	6	
A1-4625	NARROW EXTRUDED ALUMINUM 4" LINEAR DIRECT LED	PENDANT	4" X 6" X 16'	WHITE	FOCAL POINT	FSM4LS-PD15-625LF-35K-1C-UNV-WH-16FT	120/277	19 PER FT	LED	625 PER FT	3500K	0-10V	14	
A1-5625	NARROW EXTRUDED ALUMINUM 4" LINEAR DIRECT LED	PENDANT	4" X 6" X 20'	WHITE	FOCAL POINT	FSM4LS-PD15-625LF-35K-1C-UNV-WH-20FT	120/277	19 PER FT	LED	625 PER FT	3500K	0-10V	10	
EMX-1	RED/GREEN LED EXIT/UNIT COMBO, SQUARE LAMP HEADS	WALL	19" X 9"	WHITE	LITHONIA	ECRG SQ M6	120/277	3.5	LED	-	-	-	3	

LINETYPES LEGEND

	EXISTING TO REMAIN
	DEMOLITION / TO BE RELOCATED
	TO BE PROVIDED
—UE—	UNDERGROUND ELECTRIC
—UL—	UNDERGROUND LIGHTING
—UC—	UNDERGROUND TELCO
—OE—	OVERHEAD ELECTRIC

ELECTRICAL LEGEND

	PANELBOARD
J	JUNCTION BOX
	DUPLEX RECEPTACLE: B = INSTALLED IN BASEBOARD TR = INSTALLED IN WOOD TRIM/ CASEWORK/ WAINSCOTT SR = SURFACE RACEWAY WP = WEATHERPROOF AC = AIR CONDITIONER EM = EMERGENCY
	DUPLEX RECEPTACLE WITH GFCI PROTECTION
	DUPLEX RECEPTACLE WITH AFCI PROTECTION
	DOUBLE DUPLEX RECEPTACLE
	QUAD RECEPTACLE
5-30R	SPECIAL RECEPTACLE
	MOTOR
	MOTOR STARTER
P-1A 12	HOMERUN TO PANEL P-1A, CIRCUIT #12. FED FROM 20A - 1P BREAKER IS INTENDED UNLESS NOTED OTHERWISE. RUN GREEN WIRE GROUND FOR ALL CIRCUITS. PROVIDE ONE GROUND PER CIRCUIT.
	HARDWIRED EQUIPMENT CONNECTION
	EMERGENCY POWER OFF (EPO)
	GROUND ROD ELECTRODE
	SAFETY SWITCH (NON-FUSED)
	SAFETY SWITCH (FUSED)
CR	CARD READER

IT/ COMMUNICATIONS LEGEND

x	DATA RECEPTACLE X = NUMBER OF CABLES TO BE PROVIDED
WAP	WIRELESS ACCESS POINT OUTLET- CEILING MTD.
WAP	WIRELESS ACCESS POINT OUTLET- WALL MTD.

MOUNTING HEIGHTS

CARD READER	48"	TOP OF BOX
LIGHT SWITCH	48"	TOP OF BOX
RECEPTACLE	18"	TOP OF BOX
DATA OUTLET	18"	TOP OF BOX
TV OUTLET	84"	TOP OF BOX
PHONE OUTLET	48"	TOP OF BOX
SAFETY SWITCH	60"	CENTERLINE OF HANDLE
MOTOR STARTER	60"	CENTERLINE OF HANDLE
PANELBOARD	72"	TOP OF PANELBOARD
MANUAL PULL STATION	48"	OPERABLE HANDLE
NOTIFICATION APPLIANCE	80"	BOTTOM OF LENS
DOOR HOLD OPEN		COORDINATE IN FIELD
EM BATTERY UNIT	96"	BOTTOM OF UNIT
EM REMOTE UNIT	102"	BOTTOM OF UNIT
EXIT SIGN	96"	BOTTOM OF UNIT

FIRE ALARM LEGEND

FACP	FIRE ALARM CONTROL PANEL
BATT	BATTERY CABINET
MUX	MUXPAD
FAA	REMOTE ANNUNCIATOR
NAC	NAC PANEL
F	MANUAL PULL STATION
S^X	SMOKE DETECTOR: D = DUCT SMOKE DETECTOR R = RELAY BASE BR = BEAM RECEIVER BT = BEAM TRANSMITTER SB = SOUNDER BASE
H^X	HEAT DETECTOR: F = FIXED TEMPERATURE R = RATE OF RISE R/F = COMBINATION RISE/FIXED TEMPERATURE
CO	CARBON MONOXIDE DETECTOR
FS	WATER FLOW SWITCH
TS	TAMPER SWITCH
AM	ADDRESSABLE MODULE
	SUPPRESSION SYSTEM
XXcd F C	COMBO A/V NOTIFICATION APPLIANCE: XXcd = CANDELA C = CEILING
XXcd S C	VISUAL NOTIFICATION APPLIANCE: XXcd = CANDELA C = CEILING
F	AUDIBLE NOTIFICATION APPLIANCE
DH	MAGNETIC DOOR HOLDER

ELECTRICAL SCOPE OF WORK

1.0 PROVIDE NEW LIGHTING, POWER AND DATA FOR RENOVATED SPACES ON THE 1ST, 2ND AND 3RD FLOOR DUE TO FLOOD REMEDIATION.

GENERAL ELECTRICAL NOTES

1.0 ELECTRICAL SCHEMATICS INDICATED ON CONTRACT DOCUMENTS ARE DIAGRAMMATIC. IT IS NOT THE INTENT TO SHOW EXACT OR MOST EFFICIENT ROUTING. VERIFY ALL DIMENSIONS AND FIELD CONDITIONS ON SITE. ANY CONFLICTS BETWEEN CONSTRUCTION DOCUMENTS AND FIELD CONDITIONS SHALL BE BROUGHT TO CORNELL'S PROJECT MANAGER FOR RESOLUTION BEFORE WORK PROCEEDS.

2.0 ASSURE PUBLIC AND WORKER SAFETY AT ALL TIMES. PROTECT ADJOINING AREAS FROM DAMAGE AND DUST. REMOVE ALL DEBRIS FROM SITE AND DISPOSE OF WASTE MATERIAL IN A SAFE MANNER. KEEP THE PREMISES FREE OF DEBRIS FROM THE EXECUTION OF WORK. DELIVER A FINAL PRODUCT THAT IS CLEAN AND OPERABLE.

3.0 FIRE STOP ELECTRICAL PENETRATIONS THROUGH FIRE RATED WALLS AND/OR FLOORS WITH MATERIAL EQUAL IN RATING TO THE CONSTRUCTION OF THE MATERIAL PENETRATED.

4.0 WORK SHALL BE COMPLETED AS SPECIFIED AND INDICATED ON CONTRACT DOCUMENTS. ANY SUGGESTED ALTERNATE MANUFACTURER OR METHOD OF INSTALLATION SHALL BE SUBMITTED TO PROJECT ENGINEER FOR APPROVAL PRIOR TO ORDERING ANY MATERIALS OR COMMENCING EXECUTION OF WORK.

5.0 GROUNDING SHALL BE IN STRICT ACCORDANCE WITH NEC ARTICLE 250. PROVIDE EQUIPMENT GROUND CONDUCTOR WITH EACH BRANCH CIRCUIT INDICATED ON CONTRACT DOCUMENTS. EQUIPMENT GROUND CONDUCTOR SHALL BE ROUTED WITH ASSOCIATED PHASE CONDUCTORS.

6.0 PROVIDE A NEW TYPED PANELBOARD DIRECTORY FOR EACH PANELBOARD. LABEL ALL NEW DEVICE FACEPLATES WITH SOURCE AND CIRCUIT NUMBER. PROVIDE PERMANENT LABEL ON SWITCHING DEVICES INDICATING EQUIPMENT SERVICE AND INVENTORY NUMBERS. COORDINATE EQUIPMENT INVENTORY NUMBERS WITH CORNELL UNIVERSITY'S MECHANICAL SHOP, 607-255-8667.

7.0 CIRCUITS RATED 20-AMP, 120 VOLT SHALL CONTAIN SEPARATE NEUTRAL CONDUCTORS.

8.0 CONDUCTORS SHALL BE A MINIMUM OF 12AWG, STRANDED COPPER, 600VAC, 90 DEGREE C, TYPE THHN/THWN-2 FOR DRY AREAS AND XHHW-2 FOR WET AREAS.

9.0 CONDUITS SHALL BE A MINIMUM OF 3/4 INCHES DIAMETER. CONDUITS SHALL BE ELECTRICAL METALLIC TUBING (EMT) AND SURFACE MOUNTED UNLESS NOTED OTHERWISE.

10.0 AIC RATING OF NEW CIRCUIT BREAKERS SHALL MATCH RATING OF RESPECTIVE PANELBOARD. SIZE AS INDICATED.

11.0 PROVIDE PULL STRING THROUGH NEW CONDUIT AND BOXES. PROVIDE SUPPORT HANGERS FOR CONDUIT AS NEEDED.

12.0 INSTALL RACEWAY SYSTEMS ENSURING PROPER ACCESS TO EQUIPMENT AND DEVICES AND WITH SUFFICIENT SPACE TO PERFORM ROUTINE MAINTENANCE AND REPAIR. RACEWAYS THAT ARE NOT INSTALLED WITH THIS REQUIREMENT IN MIND SHALL BE RELOCATED AT NO EXPENSE TO THE UNIVERSITY UNTIL DEFICIENCIES ARE CORRECTED.

GENERAL ELECTRICAL DEMOLITION NOTES

1.0 ELECTRICAL EQUIPMENT SHOWN DASHED ON DEMOLITION DRAWINGS, INCLUDING ASSOCIATED ANCHORS, SUPPORTS, STRAPS, BOXES, FITTINGS, AND OTHER APPURTENANCES NOT SHOWN, SHALL BE DISCONNECTED AND REMOVED. REMOVE ASSOCIATED BRANCH CIRCUITRY TO SOURCE, UNLESS NOTED OTHERWISE.

2.0 REUSE EXISTING RACEWAYS AND DEVICE BACKBOXES WHEN INSTALLATION OF NEW SYSTEM COMPONENTS DOES NOT INTERFERE.

3.0 PROVIDE JUNCTION BOXES, RACEWAYS, AND WIRING TO MODIFY/EXTEND EXISTING SYSTEMS AND CIRCUITS FED DOWNSTREAM OF ELECTRICAL EQUIPMENT SHOWN TO BE DEMOLISHED.

4.0 CUT DEMOLISHED CONDUITS INSTALLED THRU WALLS AND FLOORS FLUSH WITH THE SURFACE AND PATCH PENETRATIONS (FIRESTOP IF LOCATED ON A FIRE RATED SURFACE). PATCH AND PAINT SURFACES IN EXPOSED AREAS TO MATCH SURROUNDING MATERIALS, FINISHES, AND COLORS.

5.0 PROVIDE BLANK COVERPLATES ON UNUSED BACKBOXES REMAINING FROM DEMOLITION NOT SPECIFIED TO BE INFILLED.

6.0 EXISTING EQUIPMENT SHOWN TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION.

TELECOMMUNICATIONS OUTLET NOTES

1.0 EXISTING COMMUNICATIONS RACEWAYS ARE KNOWN TO BE HEAVILY FILLED. FIELD VERIFY EXISTING RACEWAY CONDITIONS, ROUTING, AND AVAILABLE CAPACITY PRIOR TO INSTALLING NEW CAT 6A CABLING. REUSE EXISTING RACEWAYS WHERE PRACTICAL AND WHERE CODE-PERMITTED FILL LIMITS ARE NOT EXCEEDED. PROVIDE NEW CONDUIT/RACEWAY TO THE NEAREST ACCESSIBLE PULL BOX WITH ADEQUATE PATHWAY CAPACITY TO THE TELECOMMUNICATIONS ROOM, OR ALL THE WAY BACK TO THE TELECOMMUNICATIONS ROOM WHERE REQUIRED. PROVIDE 1-INCH MINIMUM CONDUIT, SIZED LARGER AS REQUIRED TO ACCOMMODATE NEW CABLING WITHOUT EXCEEDING ALLOWABLE FILL. CONDUIT SIZING SHALL COMPLY WITH CORNELL UNIVERSITY TELECOMMUNICATIONS STANDARDS. COORDINATE NEW RACEWAY ROUTING WITH OWNER AND CIT.

2.0 PROVIDE PANDUIT MINI-COM CATEGORY 6A MODULAR JACKS, CJ6X88TG**, T568A.

3.0 PROVIDE PANDUIT MINI-COM EXECUTIVE SERIES SINGLE-GANG ELECTRIC IVORY BEZEL, CBE**Y.

4.0 PROVIDE (2) CAT 6A, 4-PAIR, 23 AWG UTP CABLES FOR EACH DUPLEX TELECOMMUNICATIONS OUTLET.

5.0 PROVIDE OUTLET BOX AND COMPLETE PATHWAY FROM OUTLET TO SERVING TELECOMMUNICATIONS ROOM (TR/ER).

6.0 TERMINATE ALL CATEGORY 6A CABLES USING T568A WIRING CONFIGURATION.

7.0 PROVIDE PANDUIT COMPONENTS IN ACCORDANCE WITH CORNELL UNIVERSITY DESIGN AND CONSTRUCTION STANDARDS, 270000 COMMUNICATIONS.

8.0 NO SUBSTITUTIONS FOR SPECIFIED PANDUIT JACKS AND COMPONENTS.

9.0 COORDINATE FINAL OUTLET LOCATIONS, DESIGNATIONS, AND TERMINATIONS WITH CORNELL CIT.

10.0 FOR DOUBLE-GANG APPLICATIONS, PROVIDE PANDUIT CBE**-2GY BEZEL.

11.0 PROVIDE ANGLED PANDUIT CHS2** BEZELS WHERE REQUIRED DUE TO SHALLOW BOX OR RACEWAY CONDITIONS.

WIRELESS ACCESS POINT (WAP) NOTES

1.0 PROVIDE (2) CATEGORY 6A, 4-PAIR UTP CABLES TO EACH WIRELESS ACCESS POINT.

2.0 PROVIDE CABLES FROM WAP LOCATION TO SERVING TELECOMMUNICATIONS ROOM (TR/ER).

3.0 PROVIDE CATEGORY 6A CABLING SUITABLE FOR POWER OVER ETHERNET (PoE) APPLICATIONS.

4.0 PROVIDE APPROPRIATE OUTLET/TERMINATION HARDWARE AT WAP LOCATION IN ACCORDANCE WITH CORNELL UNIVERSITY DESIGN AND CONSTRUCTION STANDARDS, 270000 COMMUNICATIONS.

5.0 PROVIDE PATHWAY AND SUPPORTS FOR COMPLETE CABLING INSTALLATION. COORDINATE FINAL WAP LOCATIONS WITH CORNELL CIT/INFRASTRUCTURE ENGINEERING.

6.0 COORDINATE FINAL WAP LOCATIONS WITH CORNELL CIT/INFRASTRUCTURE ENGINEERING.

7.0 MAXIMUM HORIZONTAL CABLE LENGTH SHALL NOT EXCEED 295 FEET (90 METERS) FROM OUTLET TO PATCH PANEL, INCLUDING THE CABLE PATH AND VERTICAL TRANSITIONS.

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REVISIONS

1	11/2/26	ISSUE FOR CONSTRUCTION

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ITHACA, NEW YORK 14850

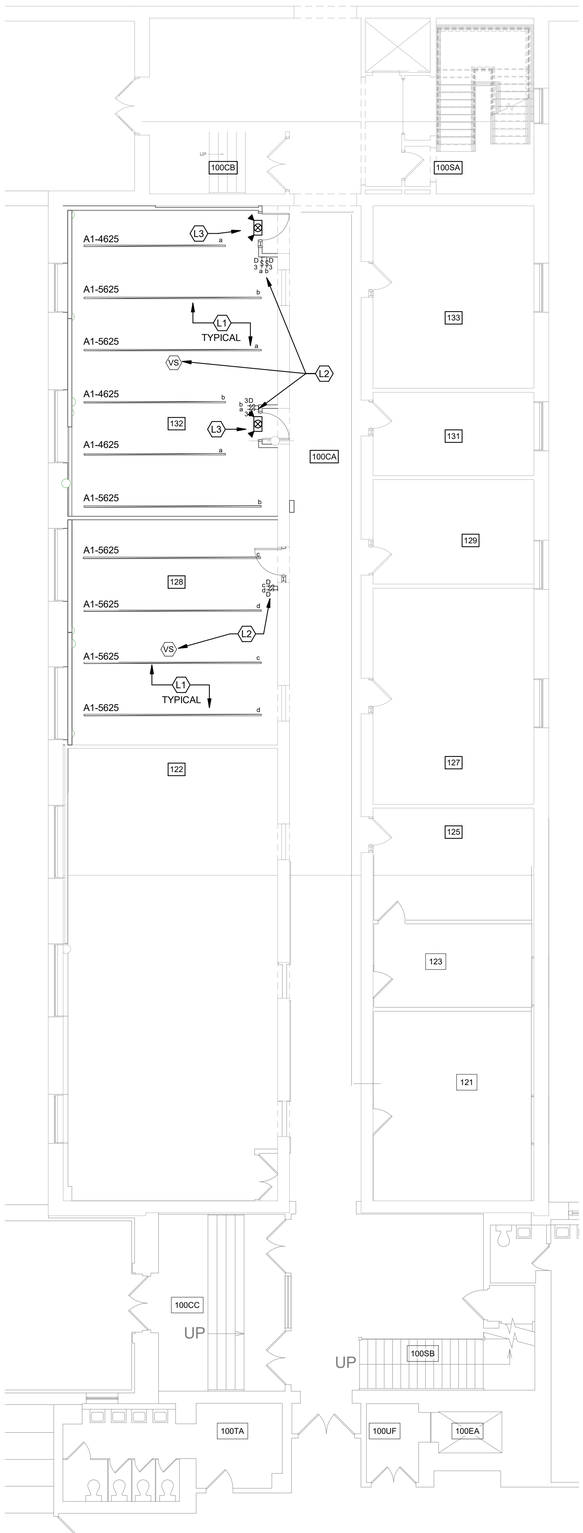
ROCKEFELLER HALL FLOOD REMEDIATION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	M. SCHOLENO
DRAWN:	MPS

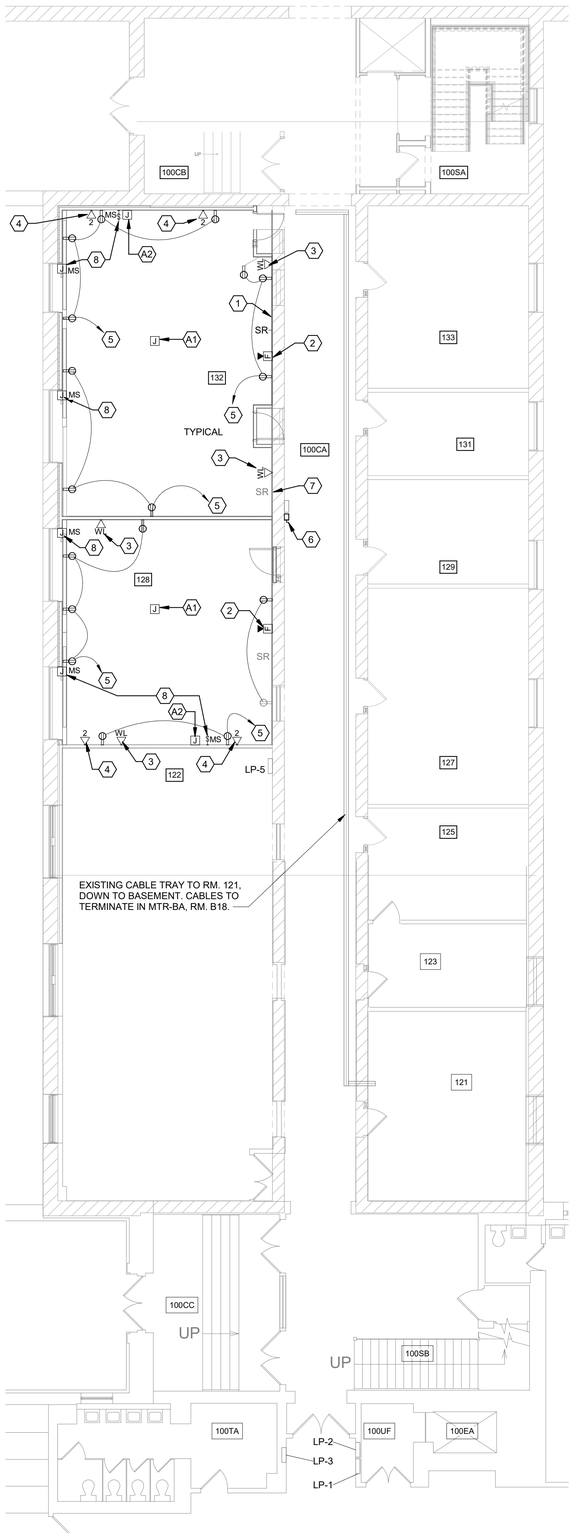
ELECTRICAL GEN. NOTES, SYMBOLOGY, & ABBREVIATIONS

ARCHIVE BAR CODE

E-001
18341094



3 PARTIAL 1ST FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"



2 PARTIAL 1ST FLOOR POWER & COMMUNICATIONS PLAN
SCALE: 1/8" = 1'-0"



1 PARTIAL 1ST FLOOR ELECTRICAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

E-102 KEYED DEMOLITION NOTES

#	
1	DISCONNECT AND REMOVE ALL EXISTING LIGHTING, LIGHT SWITCHES, SURFACE-MOUNTED RACEWAY, POWER OUTLETS, DATA OUTLETS, ASSOCIATED DEVICES, AND OTHER ELECTRICAL EQUIPMENT REMAINING WITHIN THE PROJECT AREA UNLESS NOTED OTHERWISE. REMOVE ASSOCIATED WIRING BACK TO A POINT BEYOND THE DEMOLITION LIMITS AND TAG CONDUCTORS FOR REUSE WHERE APPLICABLE.

E-102 KEYED RENOVATION NOTES

#	
1	PROVIDE SURFACE-MOUNTED STEEL RACEWAY COMPLETE WITH 120V, 20A NEMA 5-20R DUPLEX POWER RECEPTACLES AT LOCATIONS INDICATED ON THE DRAWINGS. COORDINATE RACEWAY CONFIGURATION AND DEVICE LOCATIONS WITH FIELD CONDITIONS AND ARCHITECTURAL REQUIREMENTS. DESIGN BASIS – WIREMOLD 2400 SERIES STEEL RACEWAY.
2	PROVIDE NEW FIRE ALARM NOTIFICATION DEVICE AS INDICATED. MODIFY AND EXTEND THE EXISTING LOCAL NOTIFICATION APPLIANCE CIRCUIT AS REQUIRED TO SERVE THE NEW DEVICE. CONNECT TO THE EXISTING FIRE ALARM SYSTEM AND VERIFY COMPATIBILITY WITH EXISTING EQUIPMENT. TEST AND COMMISSION THE DEVICE AND ASSOCIATED CIRCUITS IN ACCORDANCE WITH NFPA 72 AND ALL APPLICABLE STATE CODE REQUIREMENTS. PROVIDE COMPLETE OPERATIONAL TESTING AND DOCUMENTATION. MATCH EXISTING FIRE ALARM SYSTEM COMPONENTS AND OPERATING CHARACTERISTICS.
3	PROVIDE WALL-MOUNTED DATA OUTLET FOR WIRELESS ACCESS POINT. COORDINATE EXACT LOCATIONS, QUANTITIES, AND MOUNTING REQUIREMENTS WITH CIT PRIOR TO ROUGH-IN. INSTALL 4" X 4" X 2-1/4" DEEP BACKBOX WITH DOUBLE-GANG PLASTER RING, FLUSH WITH FINISHED WALL. STANDARD MOUNTING HEIGHT SHALL BE 90" AFF, WITH A MINIMUM OF 80" AFF TO BOTTOM OF DEVICE. MAINTAIN 6"-12" CLEARANCE FROM CEILING OR MOLDING WHERE POSSIBLE. PROVIDE 1" CONDUIT TO NEAREST CABLE TRAY/RACEWAY FOR A MINIMUM OF TWO CATEGORY 6A CABLES. LEAVE 6"-8" CABLE TAIL AT OUTLET WITHOUT FACEPLATE AND TERMINATE AT BDF/IDF PATCH FIELD. INSTALL IN ACCORDANCE WITH CORNELL UNIVERSITY COMMUNICATIONS STANDARDS.
4	PROVIDE NEW COMMUNICATIONS OUTLET WITH RJ45 JACKS AT LOCATIONS GENERALLY CONSISTENT WITH PRE-FLOOD OUTLET LOCATIONS, BASED ON AVAILABLE EXISTING DRAWINGS. FIELD VERIFY EXISTING CONDITIONS. REUSE EXISTING COMMUNICATIONS CABLING, WHERE AVAILABLE, AND MODIFY, EXTEND, OR REPLACE AS REQUIRED. VERIFY CABLING ROUTES TO TELECOMMUNICATIONS ROOM. COORDINATE FINAL OUTLET LOCATIONS WITH OWNER AND CIT BASED ON ANTICIPATED FURNITURE/WORKSTATION LOCATIONS. TERMINATE, LABEL, AND TEST IN ACCORDANCE WITH CORNELL UNIVERSITY COMMUNICATIONS STANDARDS AND APPLICABLE TIA STANDARDS.
5	MODIFY/EXTEND EXISTING CIRCUIT PREVIOUSLY SERVING THIS AREA TO NEW RACEWAY AND NEW OUTLETS. PROVIDE TWO (2) #12 AWG CONDUCTORS AND ONE (1) #12 AWG EQUIPMENT GROUNDING CONDUCTOR IN 3/4" EMT CONDUIT.
6	PROVIDE (1) 120V, 1PH, 20A DEDICATED BRANCH CIRCUIT TO THE HVAC CONTROL CABINET. ROUTE CIRCUIT THROUGH A LOCAL, LOCKABLE, HORSEPOWER-RATED TOGGLE-TYPE DISCONNECT SWITCH WITHIN SIGHT OF THE CABINET. PROVIDE (1) DATA OUTLET WITH A CAT 6A RJ45 JACK AT THE HVAC CONTROL CABINET AND (1) CAT 6A DATA CABLE BACK TO THE TELECOMMUNICATIONS ROOM SERVING THIS AREA. TERMINATE, LABEL, AND TEST CABLING IN ACCORDANCE WITH CORNELL UNIVERSITY COMMUNICATIONS STANDARDS. COORDINATE FINAL CONDUIT ROUTING, OUTLET LOCATION, CONNECTION POINTS, AND REQUIREMENTS WITH HVAC MANUFACTURER'S SHOP DRAWINGS AND CIT.
7	PROVIDE NEW COVER FOR EXISTING WALL-MOUNTED RACEWAY LOCATED HIGH ON WALL NEAR CEILING. MATCH EXISTING RACEWAY MANUFACTURER, TYPE, SIZE, AND COLOR. NEATLY ORGANIZE AND SECURE EXISTING CABLING CURRENTLY HANGING OUTSIDE THE RACEWAY AND REINSTALL WITHIN EXISTING RACEWAY. VERIFY RACEWAY FILL COMPLIES WITH APPLICABLE CODE REQUIREMENTS. SECURELY INSTALL NEW COVER ALONG ENTIRE AFFECTED LENGTH.
8	PER ALTERNATE - MOTORIZED SHADE/SWITCH LOCATION. PROVIDE PATHWAY TO MOTORIZED SHADE CONNECTION JUNCTION BOXES PER MANUFACTURER'S RECOMMENDATIONS.
A1	PROVIDE POWER, CONDUIT, BACKBOXES, SUPPORTS, AND AV/DATA CABLING FOR A NEW CEILING-MOUNTED VIDEO PROJECTOR TO BE PROVIDED BY FACILITY IT. LOCATE IN APPROXIMATE LOCATION OF PREVIOUSLY INSTALLED PROJECTOR. COORDINATE FINAL LOCATION, MOUNTING REQUIREMENTS, AND CABLING AND CONNECTION REQUIREMENTS WITH FACILITY IT.
A2	PROVIDE POWER, CONDUIT, BACKBOXES, AND CONTROL CABLING FOR A NEW MOTORIZED PROJECTION SCREEN TO BE PROVIDED BY FACILITY IT. LOCATE IN APPROXIMATE LOCATION OF PREVIOUSLY INSTALLED SCREEN. COORDINATE FINAL LOCATION, MOUNTING REQUIREMENTS, AND CABLING AND CONNECTION REQUIREMENTS WITH FACILITY IT.
L1	PROVIDE PENDANT-MOUNTED LINEAR LED LIGHT FIXTURES AS INDICATED ON THE DRAWINGS. INSTALL FIXTURES WITH THE BOTTOM OF THE LUMINAIRE MOUNTED AT 10'-6" ABOVE FINISHED FLOOR (AFF). CONNECT NEW FIXTURES TO THE EXISTING LIGHTING CIRCUIT PREVIOUSLY SERVING THIS AREA. REFER TO THE LUMINAIRE SCHEDULE FOR FIXTURE SPECIFICATIONS AND ADDITIONAL REQUIREMENTS.
L2	PROVIDE LIGHTING CONTROL SYSTEM BASIS OF DESIGN IS WATTSTOPPER DLM. PROVIDE ALL LOW-VOLTAGE DIMMER SWITCHES, CEILING-MOUNTED PIR VACANCY SENSORS, ROOM CONTROLLERS, ISOLATED RELAY INTERFACE FOR BMS OCCUPANCY STATUS, LOW-VOLTAGE WIRING, AND PROGRAMMING FOR A COMPLETE SYSTEM.
L3	PROVIDE WALL-MOUNTED EMERGENCY/EXIT LIGHT FIXTURE MATCHING THE EXISTING UNIT IN THE SPACE. CONNECT THE FIXTURE TO THE EXISTING LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING SERVING THE AREA. REFER TO THE LUMINAIRE SCHEDULE FOR FIXTURE SPECIFICATIONS AND ADDITIONAL INSTALLATION REQUIREMENTS.

AV GENERAL NOTES

1.0	•REPLACEMENT AV EQUIPMENT, INCLUDING PROJECTORS AND PROJECTION SCREENS, WILL BE PROVIDED BY THE FACILITY IT DEPARTMENT. REPLACEMENT EQUIPMENT SHALL BE LOCATED IN APPROXIMATE LOCATIONS OF EQUIPMENT REMOVED DUE TO FLOOD DAMAGE.
2.0	THE ELECTRICAL CONTRACTOR SHALL PROVIDE POWER, CONDUIT, BACKBOXES, DATA AND AV CABLING, TERMINATIONS, AND ASSOCIATED INFRASTRUCTURE REQUIRED TO SUPPORT THE FACILITY IT-PROVIDED AV EQUIPMENT.
3.0	COORDINATE FINAL EQUIPMENT LOCATIONS, MOUNTING REQUIREMENTS, CONNECTION TYPES, CABLING REQUIREMENTS, AND INSTALLATION RESPONSIBILITIES WITH THE FACILITY IT DEPARTMENT PRIOR TO ROUGH-IN.
4.0	PROVIDE DEDICATED POWER AND DATA CONNECTIONS AT EACH PROJECTOR LOCATION AS REQUIRED BY THE FINAL EQUIPMENT SELECTION. CONFIRM REQUIREMENTS WITH THE FACILITY IT DEPARTMENT PRIOR TO INSTALLATION.
5.0	COORDINATE PROJECTOR AND SCREEN MOUNTING WITH THE FACILITY IT DEPARTMENT AND ARCHITECTURAL CEILING CONDITIONS. PROVIDE SUPPORTS AND ATTACHMENTS TO THE BUILDING STRUCTURE AS REQUIRED FOR THE COORDINATED MOUNTING ARRANGEMENT.
6.0	WHERE EXISTING AV CABLING WAS REMOVED, PROVIDE NEW CABLING BETWEEN AV EQUIPMENT LOCATIONS AND THE DESIGNATED TELECOMMUNICATIONS/AV EQUIPMENT LOCATION. COORDINATE CABLE TYPES, QUANTITIES, ROUTING, AND TERMINATIONS WITH THE FACILITY IT DEPARTMENT.
7.0	COORDINATE EXACT LOCATIONS OF REPLACEMENT AV EQUIPMENT AND ASSOCIATED INFRASTRUCTURE WITH THE FACILITY IT DEPARTMENT.

GENERAL NOTES

1.0	PAINT NEW EXPOSED CONDUIT IN CORRIDOR CEILING SPACE TO MATCH EXISTING ADJACENT SURFACES. COORDINATE COLOR AND FINISH WITH ARCHITECT.
2.0	REFER TO SHEET E-001 FOR TELECOMMUNICATIONS AND WIRELESS ACCESS POINT GENERAL NOTES.

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ELECTRICAL:
MECHANICAL:

STATE OF NEW YORK · ERIK PAUL ESHELMAN · LICENSED PROFESSIONAL ENGINEER · 084093

REVISIONS

1	11/2/26	ISSUE FOR CONSTRUCTION

N

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

231 FEENEY WAY
ITHACA, NEW YORK 14850

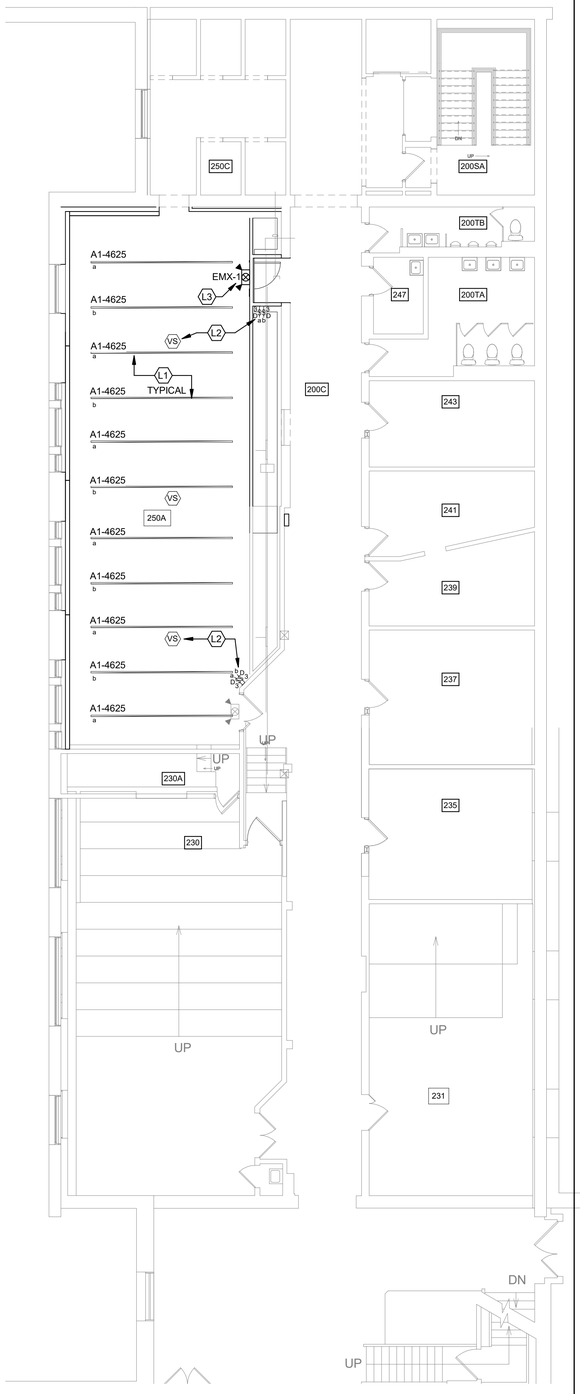
ROCKEFELLER HALL FLOOD REMEDIATION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	M. SCHOLENO
DRAWN:	MPS

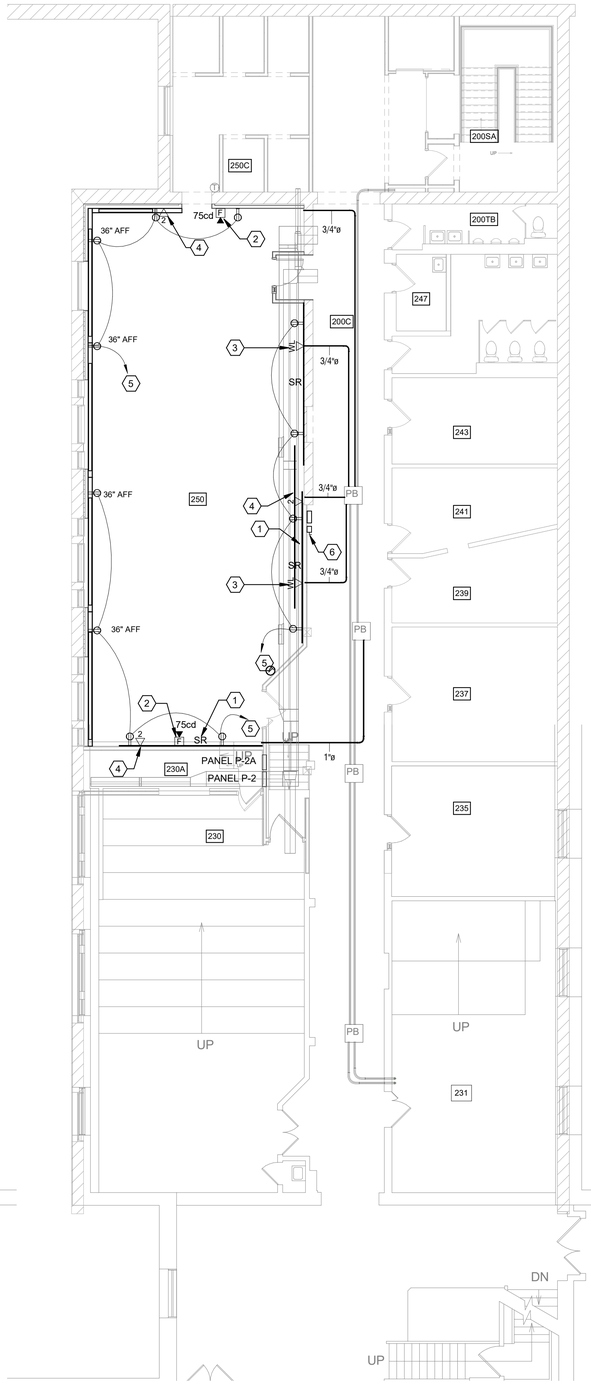
FIRST FLOOR ELECTRICAL RENOVATION PLANS

ARCHIVE BAR CODE

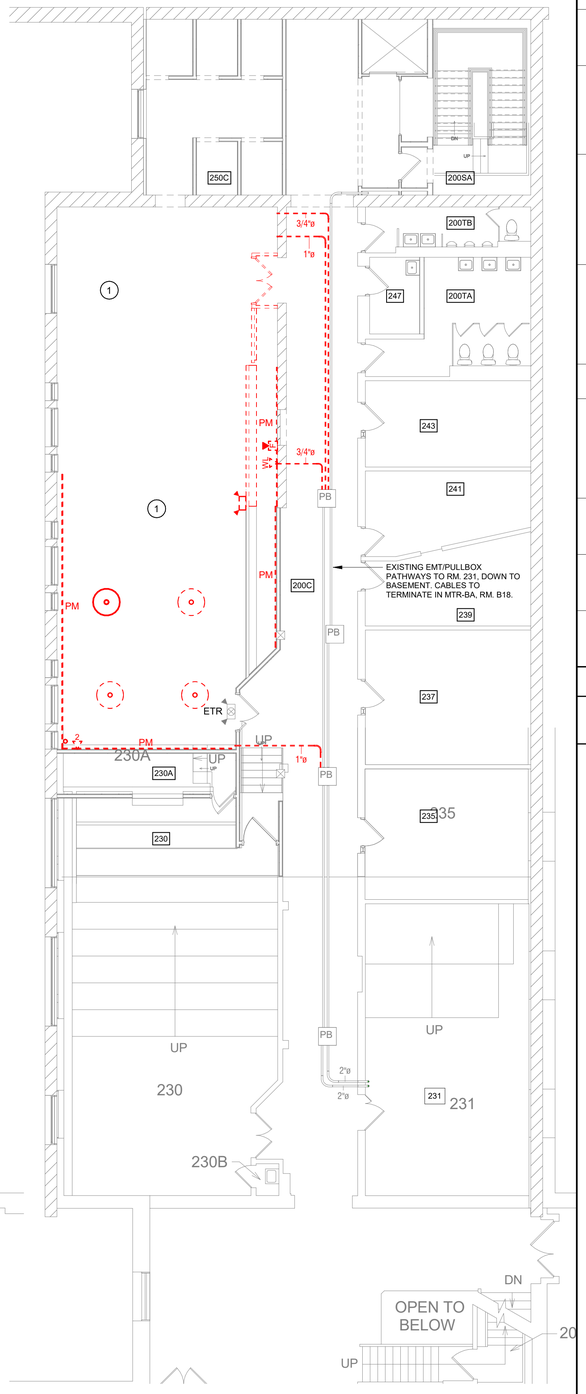
E-102
18341094



3 PARTIAL 2ND FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"



2 PARTIAL 2ND FLOOR POWER & COMMUNICATIONS PLAN
SCALE: 1/8" = 1'-0"



1 PARTIAL 2ND FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

E-103 KEYED DEMOLITION NOTES

#	
1	DISCONNECT AND REMOVE ALL EXISTING LIGHTING, LIGHT SWITCHES, SURFACE-MOUNTED RACEWAY, POWER OUTLETS, DATA OUTLETS, ASSOCIATED DEVICES, AND OTHER ELECTRICAL EQUIPMENT REMAINING WITHIN THE PROJECT AREA UNLESS NOTED OTHERWISE. REMOVE ASSOCIATED WIRING BACK TO A POINT BEYOND THE DEMOLITION LIMITS AND TAG CONDUCTORS FOR REUSE WHERE APPLICABLE.

E-103 KEYED RENOVATION NOTES

#	
1	PROVIDE SURFACE-MOUNTED STEEL RACEWAY COMPLETE WITH 120V, 20A NEMA 5-20R DUPLEX POWER RECEPTACLES AT LOCATIONS INDICATED ON THE DRAWINGS. COORDINATE RACEWAY CONFIGURATION AND DEVICE LOCATIONS WITH FIELD CONDITIONS AND ARCHITECTURAL REQUIREMENTS. DESIGN BASIS – WIREMOLD 2400 SERIES STEEL RACEWAY.
2	PROVIDE NEW FIRE ALARM NOTIFICATION DEVICE AS INDICATED. MODIFY AND EXTEND THE EXISTING LOCAL NOTIFICATION APPLIANCE CIRCUIT AS REQUIRED TO SERVE THE NEW DEVICE. CONNECT TO THE EXISTING FIRE ALARM SYSTEM AND VERIFY COMPATIBILITY WITH EXISTING EQUIPMENT. TEST AND COMMISSION THE DEVICE AND ASSOCIATED CIRCUITS IN ACCORDANCE WITH NFPA 72 AND ALL APPLICABLE STATE CODE REQUIREMENTS. PROVIDE COMPLETE OPERATIONAL TESTING AND DOCUMENTATION. MATCH EXISTING FIRE ALARM SYSTEM COMPONENTS AND OPERATING CHARACTERISTICS.
3	PROVIDE WALL-MOUNTED DATA OUTLET FOR WIRELESS ACCESS POINT. COORDINATE EXACT LOCATIONS, QUANTITIES, AND MOUNTING REQUIREMENTS WITH CIT PRIOR TO ROUGH-IN. INSTALL 4" X 4" X 2-1/4" DEEP BACKBOX WITH DOUBLE-GANG PLASTER RING, FLUSH WITH FINISHED WALL. STANDARD MOUNTING HEIGHT SHALL BE 90" AFF, WITH A MINIMUM OF 80" AFF TO BOTTOM OF DEVICE. MAINTAIN 9"-12" CLEARANCE FROM CEILING OR MOLDING WHERE POSSIBLE. PROVIDE 1" CONDUIT TO NEAREST CABLE TRAY/RACEWAY FOR A MINIMUM OF TWO CATEGORY 6A CABLES. LEAVE 6"-8" CABLE TAIL AT OUTLET WITHOUT FACEPLATE AND TERMINATE AT BDF/IDF PATCH FIELD. INSTALL IN ACCORDANCE WITH CORNELL UNIVERSITY COMMUNICATIONS STANDARDS.
4	PROVIDE NEW COMMUNICATIONS OUTLET WITH RJ45 JACKS AT LOCATIONS GENERALLY CONSISTENT WITH PRE-FLOOD OUTLET LOCATIONS, BASED ON AVAILABLE EXISTING DRAWINGS. FIELD VERIFY EXISTING CONDITIONS. REUSE EXISTING COMMUNICATIONS CABLING, WHERE AVAILABLE, AND MODIFY, EXTEND, OR REPLACE AS REQUIRED. VERIFY CABLING ROUTES TO TELECOMMUNICATIONS ROOM. COORDINATE FINAL OUTLET LOCATIONS WITH OWNER AND CIT BASED ON ANTICIPATED FURNITURE/WORKSTATION LOCATIONS. TERMINATE, LABEL, AND TEST IN ACCORDANCE WITH CORNELL UNIVERSITY COMMUNICATIONS STANDARDS AND APPLICABLE TIA STANDARDS.
5	MODIFY/EXTEND EXISTING CIRCUIT PREVIOUSLY SERVING THIS AREA TO NEW RACEWAY AND NEW OUTLETS. PROVIDE TWO (2) #12 AWG CONDUCTORS AND ONE (1) #12 AWG EQUIPMENT GROUNDING CONDUCTOR IN 3/4" EMT CONDUIT.
6	PROVIDE (1) 120V, 1PH, 20A DEDICATED BRANCH CIRCUIT TO THE HVAC CONTROL CABINET. ROUTE CIRCUIT THROUGH A LOCAL, LOCKABLE, HORSEPOWER-RATED TOGGLE-TYPE DISCONNECT SWITCH WITHIN SIGHT OF THE CABINET. PROVIDE (1) DATA OUTLET WITH A CAT 6A RJ45 JACK AT THE HVAC CONTROL CABINET AND (1) CAT 6A DATA CABLE BACK TO THE TELECOMMUNICATIONS ROOM SERVING THIS AREA. TERMINATE, LABEL, AND TEST CABLING IN ACCORDANCE WITH CORNELL UNIVERSITY COMMUNICATIONS STANDARDS. COORDINATE FINAL CONDUIT ROUTING, OUTLET LOCATION, CONNECTION POINTS, AND REQUIREMENTS WITH HVAC MANUFACTURER'S SHOP DRAWINGS AND CIT.
L1	PROVIDE PENDANT-MOUNTED LINEAR LED LIGHT FIXTURES AS INDICATED ON THE DRAWINGS. INSTALL FIXTURES WITH THE BOTTOM OF THE LUMINAIRE MOUNTED AT 12'-0" ABOVE FINISHED FLOOR (AFF). CONNECT NEW FIXTURES TO THE EXISTING LIGHTING CIRCUIT PREVIOUSLY SERVING THIS AREA. REFER TO THE LUMINAIRE SCHEDULE FOR FIXTURE SPECIFICATIONS AND ADDITIONAL REQUIREMENTS.
L2	PROVIDE LIGHTING CONTROL SYSTEM BASIS OF DESIGN IS WATTSTOPPER DLM. PROVIDE ALL LOW-VOLTAGE DIMMER SWITCHES, CEILING-MOUNTED PIR VACANCY SENSORS, ROOM CONTROLLERS, ISOLATED RELAY INTERFACE FOR BMS OCCUPANCY STATUS, LOW-VOLTAGE WIRING, AND PROGRAMMING FOR A COMPLETE SYSTEM.
L3	PROVIDE WALL-MOUNTED EMERGENCY/EXIT LIGHT FIXTURE MATCHING THE EXISTING UNIT IN THE SPACE. CONNECT THE FIXTURE TO THE EXISTING LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING SERVING THE AREA. REFER TO THE LUMINAIRE SCHEDULE FOR FIXTURE SPECIFICATIONS AND ADDITIONAL INSTALLATION REQUIREMENTS.

GENERAL NOTES

1.0	PAINT NEW EXPOSED CONDUIT IN CORRIDOR CEILING SPACE TO MATCH EXISTING ADJACENT SURFACES. COORDINATE COLOR AND FINISH WITH ARCHITECT.
2.0	REFER TO SHEET E-001 FOR TELECOMMUNICATIONS AND WIRELESS ACCESS POINT GENERAL NOTES.

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MECHANICAL:

ERIK PAUL ESHELMAN
LICENSED PROFESSIONAL ENGINEER
084093

REVISIONS

1	11/2/26	ISSUE FOR CONSTRUCTION

N

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

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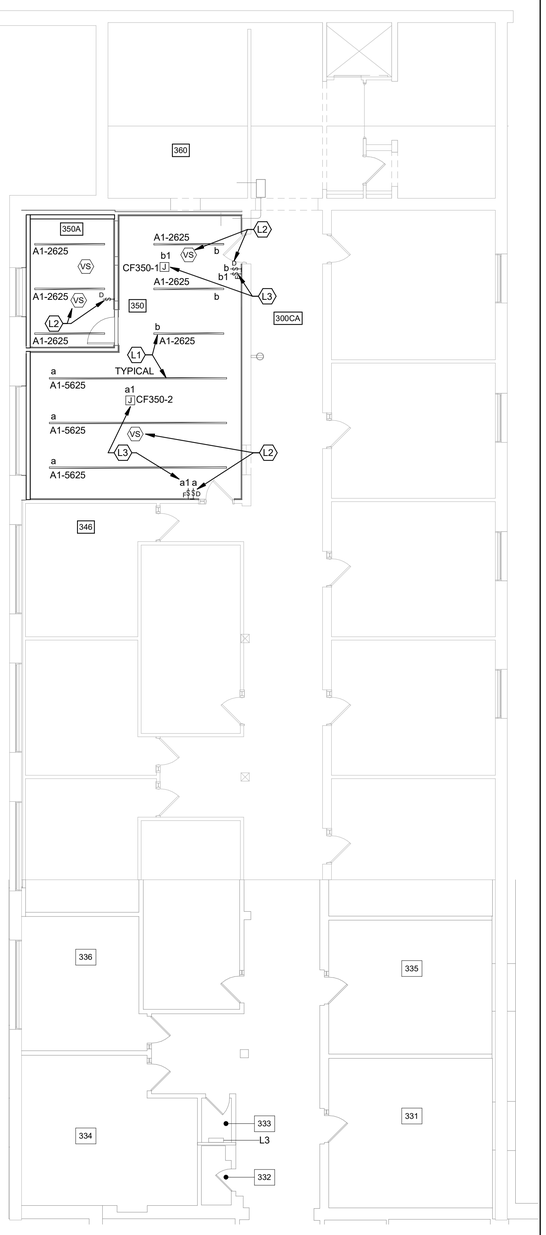
ROCKEFELLER HALL FLOOD REMEDIATION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	M. SCHOLENO
DRAWN:	MPS

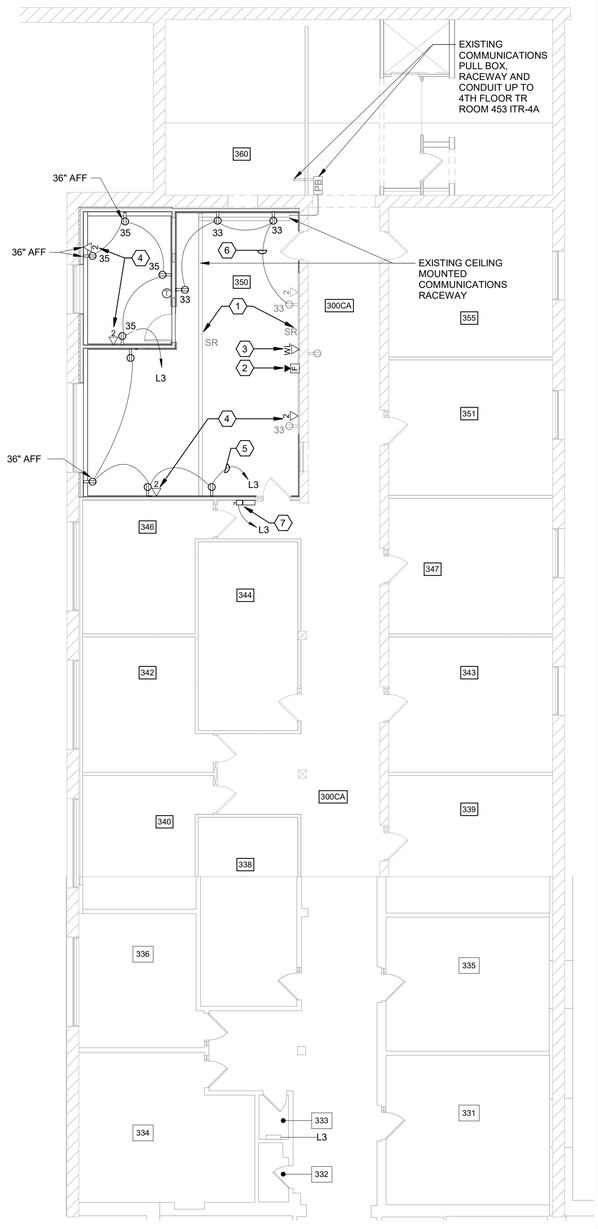
SECOND FLOOR ELECTRICAL RENOVATION PLANS

ARCHIVE BAR CODE

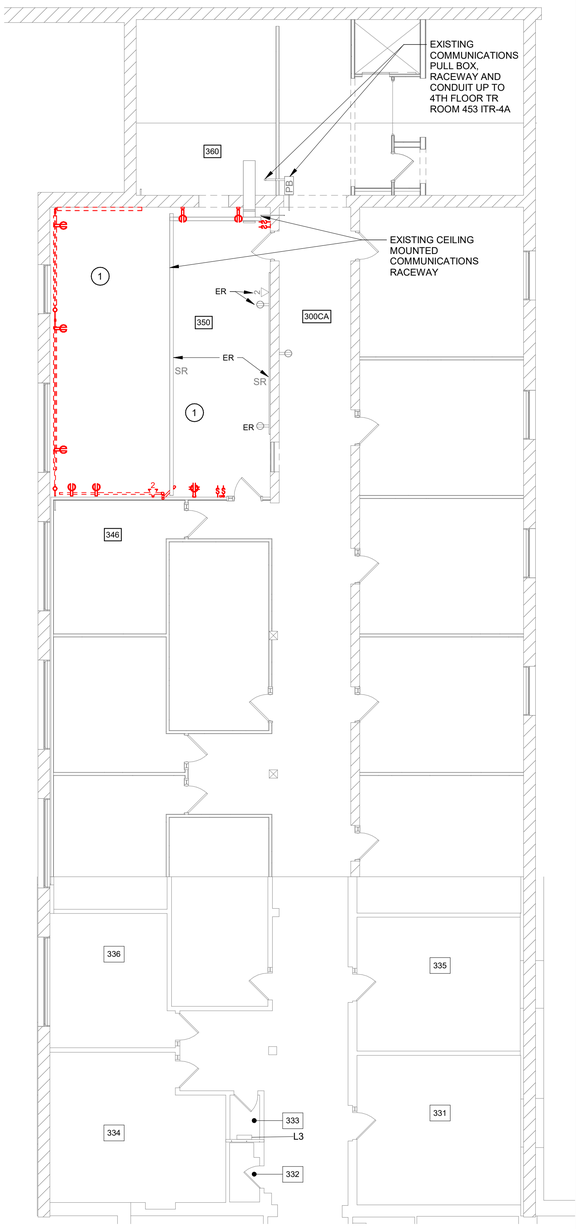
E-103
18341094



3 PARTIAL 3RD FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"



2 PARTIAL 3RD FLOOR POWER & COMMUNICATIONS PLAN
SCALE: 1/8" = 1'-0"



1 PARTIAL 3RD FLOOR ELECTRICAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

E-104 KEYED DEMOLITION NOTES

1	DISCONNECT AND REMOVE ALL EXISTING LIGHTING, LIGHT SWITCHES, SURFACE-MOUNTED RACEWAY, POWER OUTLETS, DATA OUTLETS, ASSOCIATED DEVICES, AND OTHER ELECTRICAL EQUIPMENT REMAINING WITHIN THE PROJECT AREA UNLESS NOTED OTHERWISE. REMOVE ASSOCIATED WIRING BACK TO A POINT BEYOND THE DEMOLITION LIMITS AND TAG CONDUCTORS FOR REUSE WHERE APPLICABLE.

E-104 KEYED RENOVATION NOTES

1	PROVIDE NEW RACEWAY COVER TO MATCH EXISTING MANUFACTURER, TYPE, SIZE, AND COLOR. NEATLY ORGANIZE AND SECURE EXISTING CABLING CURRENTLY HANGING OUTSIDE THE RACEWAY AND REINSTALL WITHIN THE EXISTING RACEWAY. VERIFY RACEWAY FILL DOES NOT EXCEED APPLICABLE CODE REQUIREMENTS. INSTALL NEW COVER SECURELY ALONG ENTIRE AFFECTED LENGTH.
2	PROVIDE NEW FIRE ALARM NOTIFICATION DEVICE AS INDICATED. MODIFY AND EXTEND THE EXISTING LOCAL NOTIFICATION APPLIANCE CIRCUIT AS REQUIRED TO SERVE THE NEW DEVICE. CONNECT TO THE EXISTING FIRE ALARM SYSTEM AND VERIFY COMPATIBILITY WITH EXISTING EQUIPMENT. TEST AND COMMISSION THE DEVICE AND ASSOCIATED CIRCUITS IN ACCORDANCE WITH NFPA 72 AND ALL APPLICABLE STATE CODE REQUIREMENTS. PROVIDE COMPLETE OPERATIONAL TESTING AND DOCUMENTATION. MATCH EXISTING FIRE ALARM SYSTEM COMPONENTS AND OPERATING CHARACTERISTICS.
3	PROVIDE WALL-MOUNTED DATA OUTLET FOR WIRELESS ACCESS POINT. COORDINATE EXACT LOCATIONS, QUANTITIES, AND MOUNTING REQUIREMENTS WITH CIT PRIOR TO ROUGH-IN. INSTALL 4" X 4" X 2-1/4" DEEP BACKBOX WITH DOUBLE-GANG PLASTER RING, FLUSH WITH FINISHED WALL. STANDARD MOUNTING HEIGHT SHALL BE 90" AFF, WITH A MINIMUM OF 80" AFF TO BOTTOM OF DEVICE. MAINTAIN 9"-12" CLEARANCE FROM CEILING OR MOLDING WHERE POSSIBLE. PROVIDE 1" CONDUIT TO NEAREST CABLE TRAY/RACEWAY FOR A MINIMUM OF TWO CATEGORY 6A CABLES. LEAVE 6"-8" CABLE TAIL AT OUTLET WITHOUT FACEPLATE AND TERMINATE AT BDF/IDF PATCH FIELD. INSTALL IN ACCORDANCE WITH CORNELL UNIVERSITY COMMUNICATIONS STANDARDS.
4	PROVIDE NEW COMMUNICATIONS OUTLET WITH RJ45 JACKS AT LOCATIONS GENERALLY CONSISTENT WITH PRE-FLOOD CONDITIONS, BASED ON AVAILABLE EXISTING DRAWINGS. FIELD VERIFY EXISTING CONDITIONS AND REUSE, MODIFY, EXTEND, OR REPLACE EXISTING COMMUNICATIONS CABLING AS REQUIRED. COORDINATE FINAL OUTLET LOCATIONS WITH OWNER AND CIT BASED ON ANTICIPATED FURNITURE/WORKSTATION LOCATIONS. TERMINATE, LABEL, AND TEST IN ACCORDANCE WITH CORNELL UNIVERSITY COMMUNICATIONS STANDARDS AND APPLICABLE TIA STANDARDS.
5	MODIFY/EXTEND EXISTING CIRCUIT PREVIOUSLY SERVING THIS AREA TO NEW RACEWAY AND NEW OUTLETS. PROVIDE TWO (2) #12 AWG CONDUCTORS AND ONE (1) #12 AWG EQUIPMENT GROUNDING CONDUCTOR IN 3/4" EMT CONDUIT.
6	MODIFY/EXTEND EXISTING CIRCUIT FROM EXISTING RECEPTACLE TO NEW RACEWAY AND NEW OUTLETS. PROVIDE TWO (2) #12 AWG CONDUCTORS AND ONE (1) #12 AWG EQUIPMENT GROUNDING CONDUCTOR IN 3/4" EMT CONDUIT.
7	PROVIDE (1) 120V, 1PH, 20A DEDICATED BRANCH CIRCUIT TO THE HVAC CONTROL CABINET. ROUTE CIRCUIT THROUGH A LOCAL, LOCKABLE, HORSEPOWER-RATED TOGGLE-TYPE DISCONNECT SWITCH WITHIN SIGHT OF THE CABINET. PROVIDE (1) DATA OUTLET WITH A CAT 6A RJ45 JACK AT THE HVAC CONTROL CABINET AND (1) CAT 6A DATA CABLE BACK TO THE TELECOMMUNICATIONS ROOM SERVING THIS AREA. TERMINATE, LABEL, AND TEST CABLING IN ACCORDANCE WITH CORNELL UNIVERSITY COMMUNICATIONS STANDARDS. COORDINATE FINAL CONDUIT ROUTING, OUTLET LOCATION, CONNECTION POINTS, AND REQUIREMENTS WITH HVAC MANUFACTURER'S SHOP DRAWINGS AND CIT.
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L3	PROVIDE POWER, CONDUIT, BACKBOXES, AND WIRING FOR CEILING-MOUNTED OVERHEAD FAN AND WALL-MOUNTED CONTROLLER. REFER TO MECHANICAL DRAWINGS FOR FAN AND CONTROLLER SPECIFICATIONS, LOCATIONS, MOUNTING REQUIREMENTS, AND ACCESSORIES. COORDINATE ELECTRICAL CONNECTIONS AND CONTROL WIRING WITH MECHANICAL DRAWINGS AND MANUFACTURER'S REQUIREMENTS.

GENERAL NOTES

1.0	PAINT NEW EXPOSED CONDUIT IN CORRIDOR CEILING SPACE TO MATCH EXISTING ADJACENT SURFACES. COORDINATE COLOR AND FINISH WITH ARCHITECT.
2.0	REFER TO SHEET E-001 FOR TELECOMMUNICATIONS AND WIRELESS ACCESS POINT GENERAL NOTES.

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1	11/2/26	ISSUE FOR CONSTRUCTION

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0' 4' 8' 16'
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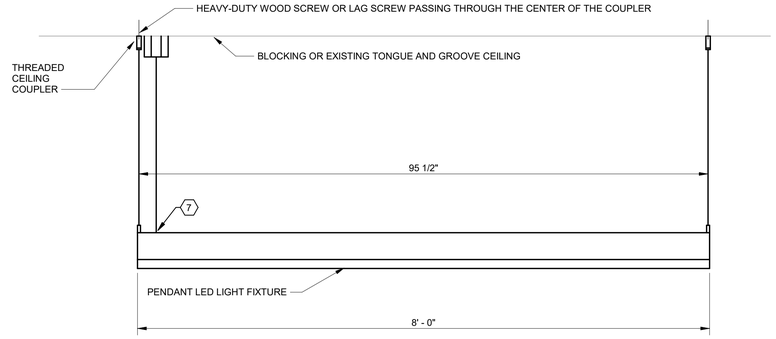
ROCKEFELLER HALL FLOOD REMEDIATION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	M. SCHOLENO
DRAWN:	MPS

THIRD FLOOR ELECTRICAL RENOVATION PLANS

ARCHIVE BAR CODE

E-104
18341094



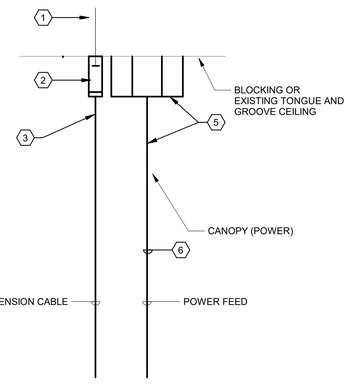
3 8' - MOUNTING DETAIL
NOT TO SCALE

E-301 KEYED RENOVATION NOTES

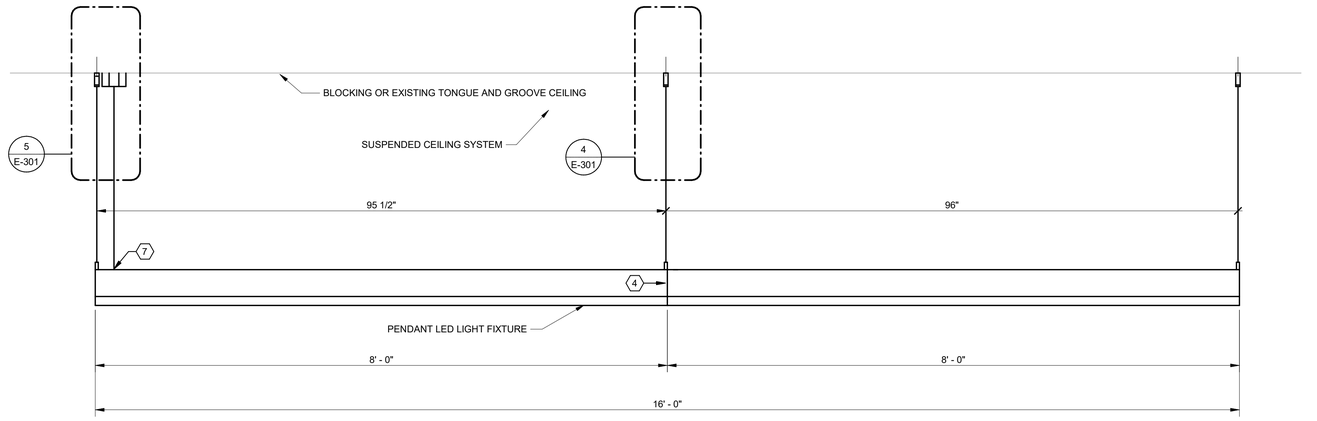
1	ATTACH WITH HEAVY-DUTY WOOD SCREW OR LAG SCREW PASSING THROUGH THE CENTER OF THE COUPLER. SPACE ALL SUSPENSION POINTS IN STRICT ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS AND SHOP DRAWINGS. CONTRACTOR TO SCAN/VERIFY POST-TENSION SLAB ROUTING PRIOR TO DRILLING.
2	MOUNT THE CABLE CEILING COUPLER: LOCATE THE FOCAL POINT HARDWARE KIT'S THREADED CEILING COUPLER (A SMALL BARREL WITH AN INTERNAL THREAD, TYPICALLY 1/4"-20).
3	CABLE SUSPENSION: THREAD SUSPENSION AIRCRAFT CABLE TERMINALS THROUGH CEILING COUPLER CAPS. ROUTE LOWER ENDS INTO FIXTURE HARDWARE GRIPPERS. ADJUST EXTENSIONS TO ENSURE CONTINUOUS RUN LINEAR ALIGNMENT.
4	MECHANICAL JOINING & SEAMS: LINK MULTI-SECTION FIXTURE RUNS TOGETHER MECHANICALLY USING INTERNAL ALIGNMENT SLEEVES AND JOINER BRACKETS PER MANUFACTURER SPECIFICATIONS. SECURE HOUSINGS FLUSH AND LEVEL TO ELIMINATE GAPS AND LIGHT LEAKS.
5	ELECTRICAL BOXES: MOUNT CODE-COMPLIANT JUNCTION BOX TO CONCRETE DECK ABOVE CEILING AT POWER FEED LOCATIONS. ROUTE SUPPLY LINE VOLTAGE AND LOW-VOLTAGE DIMMING CONTROLS TO BOX.
6	FLEXIBLE POWER DROP: DROP MULTI-CONDUCTOR FLEXIBLE POWER CORD FROM JUNCTION BOX THROUGH FIXTURE POWER CANOPY. PROVIDE STRAIN RELIEF AT CEILING CANOPY AND FIXTURE WIREWAY ENTRY.
7	LIGHT FIXTURE SPLICES: ROUTE FLEXIBLE POWER CORD INTO INTEGRATED HOUSING KNOCKOUT AND SPLICE TO INTERNAL FIXTURE LEADS PER MANUFACTURER WIRING DIAGRAM. LINK MULTI-SECTION RUN ELECTRICAL HARNESSES AT ALL SEAMS.

E-301 GENERAL NOTES

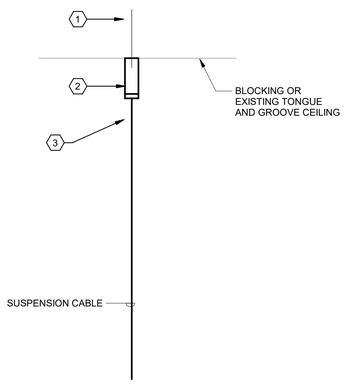
1.0	REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LIGHT FIXTURE MOUNTING DETAILS. COORDINATE FIXTURE INSTALLATION WITH CEILING TYPES AND ADJACENT CEILING-MOUNTED DEVICES.



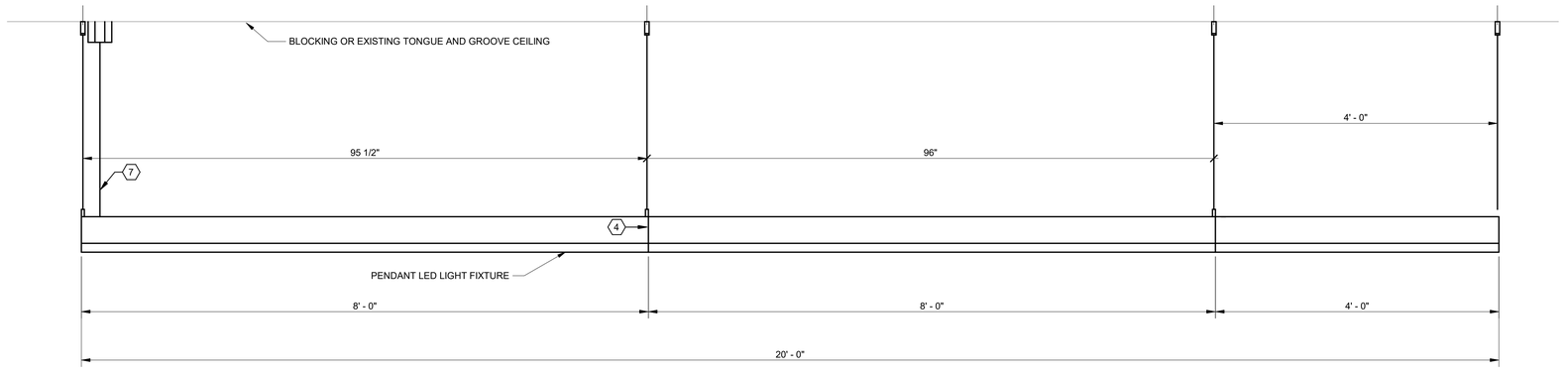
5 SUSPENDED FIXTURE MOUNTING & POWER FEED DETAIL
NOT TO SCALE



2 16' - MOUNTING DETAIL
NOT TO SCALE



4 TYPICAL FIXTURE SUSPENSION DETAIL
NOT TO SCALE



1 20' - MOUNTING DETAIL
NOT TO SCALE

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ERIK PAUL ESHELMAN
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084093

REVISIONS

1	11/2/26	ISSUE FOR CONSTRUCTION

231 FEENEY WAY
ITHACA, NEW YORK 14850

ROCKEFELLER HALL FLOOD REMEDIATION

DATE:	NOVEMBER 2, 2026
FACILITY:	2014
DESIGN:	M. SCHOLENO
DRAWN:	MPS

ELECTRICAL DETAILS

ARCHIVE BAR CODE

E-301
18341094