

# MCIU Broadcast Studio Conversion

## 2 W Lafayette Street Offices



ISSUE FOR PLAN REVIEW 10.15.2024



MCIU Broadcast  
Studio Conversion  
2 W Lafayette Street  
Offices

**BHA Job Number:** 24-044

## ISSUE INFORMATION

ISSUE FOR REVIEW 08.12.24

ISSUE FOR PROGRESS 08.30.24  
BID

ISSUE FOR PLAN REVIEW	10.15.24
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ACOUSTICS

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1628 John F Kennedy Blvd, #1902, Philadelphia, PA 19103  
phone: 215.248.4352 x103  
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MEP

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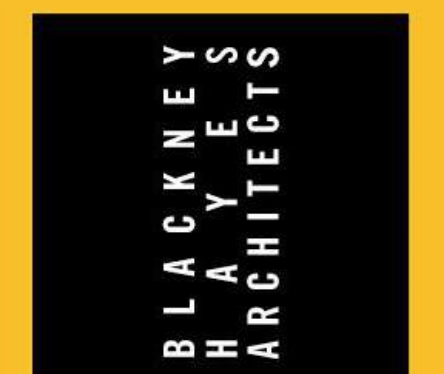
ARCHITECT

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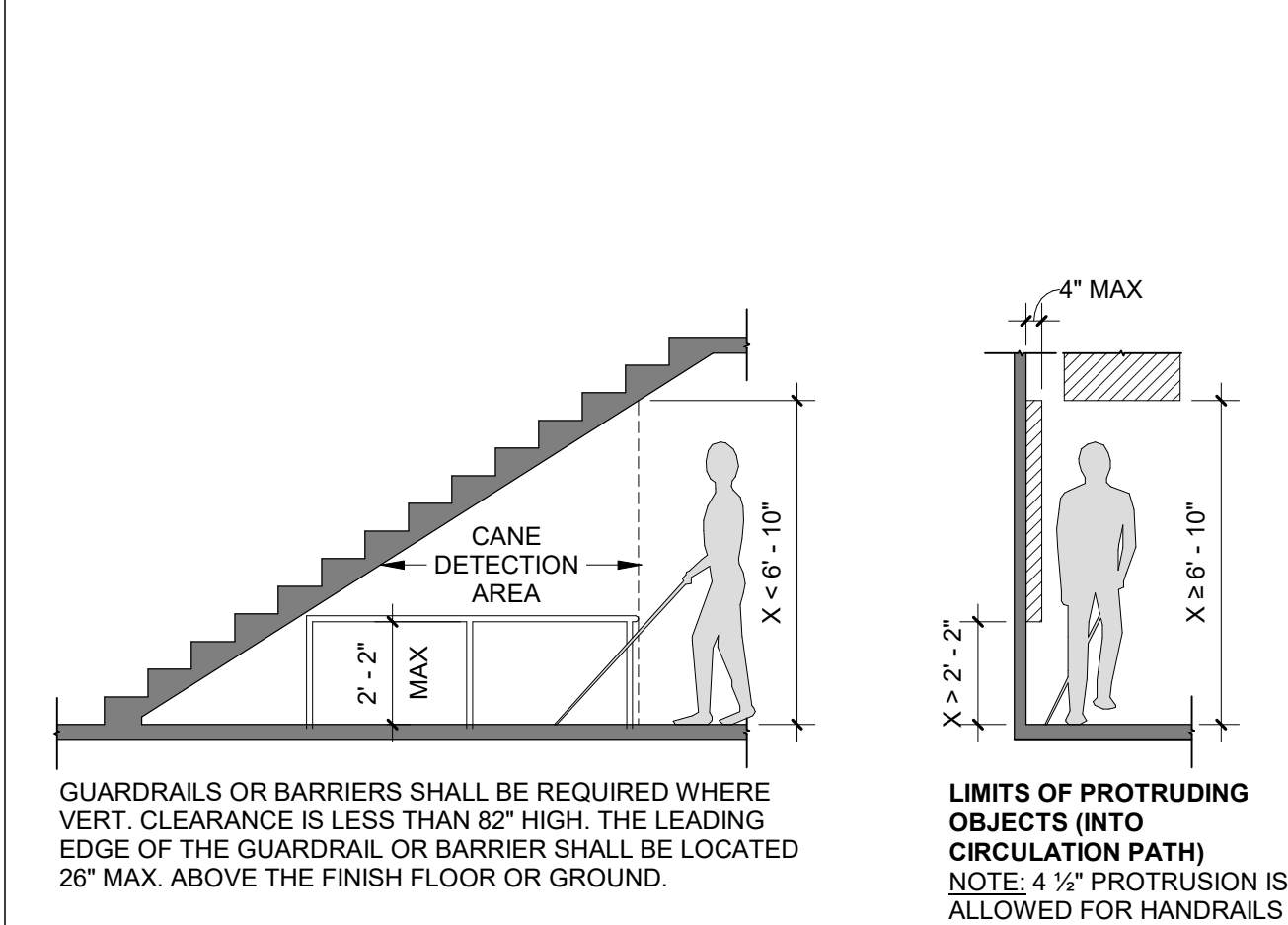






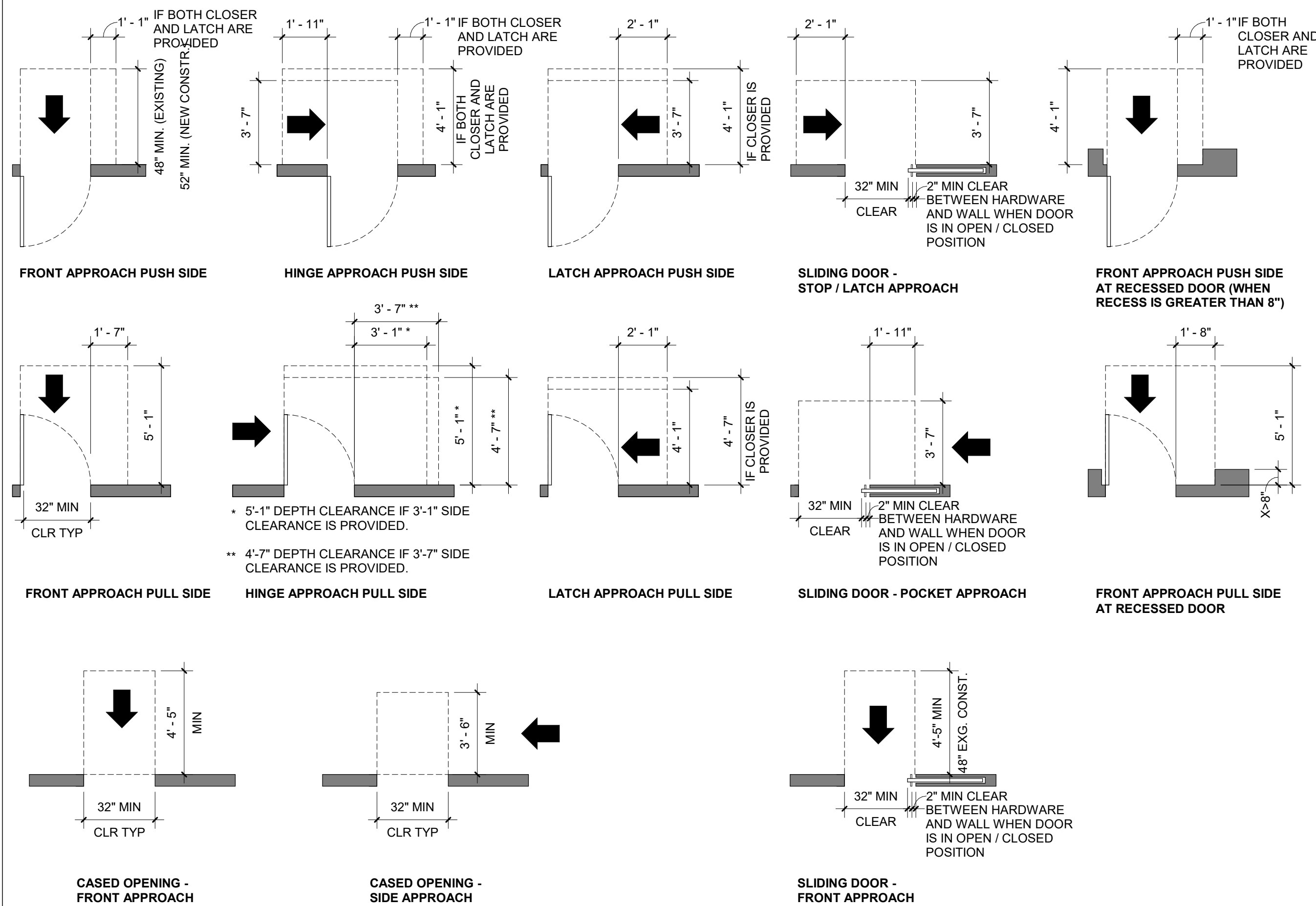


## OBSTRUCTIONS AND REACH RANGES

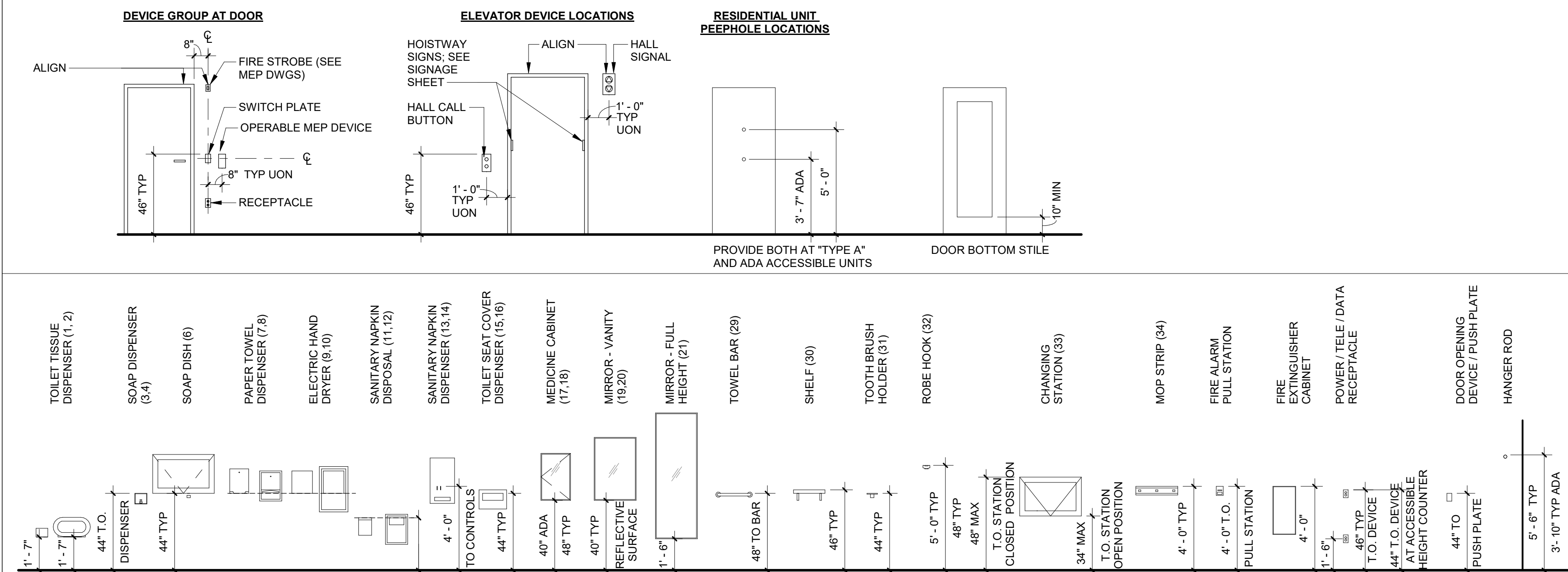


## MANEUVERING CLEARANCES AT DOORWAYS

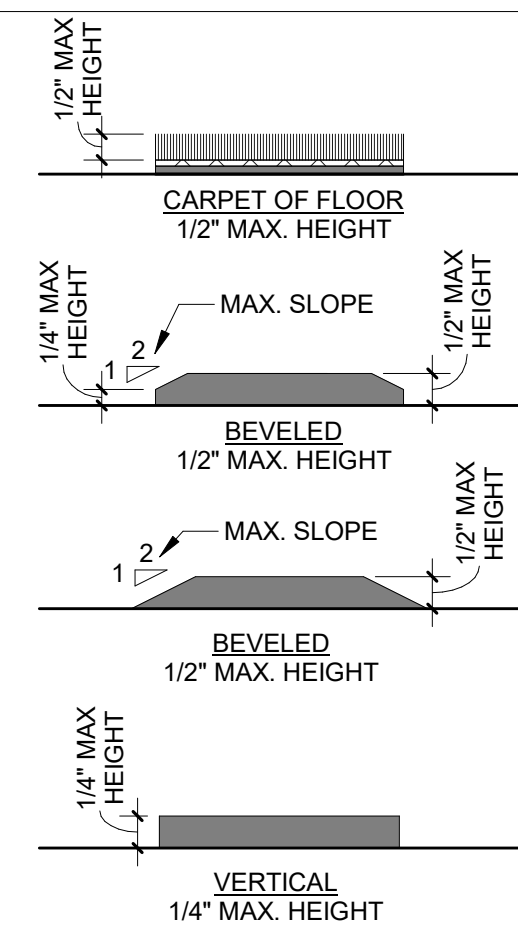
**NOTE:** FLOOR SLOPE WITHIN REQUIRED CLEARANCES NOT TO EXCEED 1:48



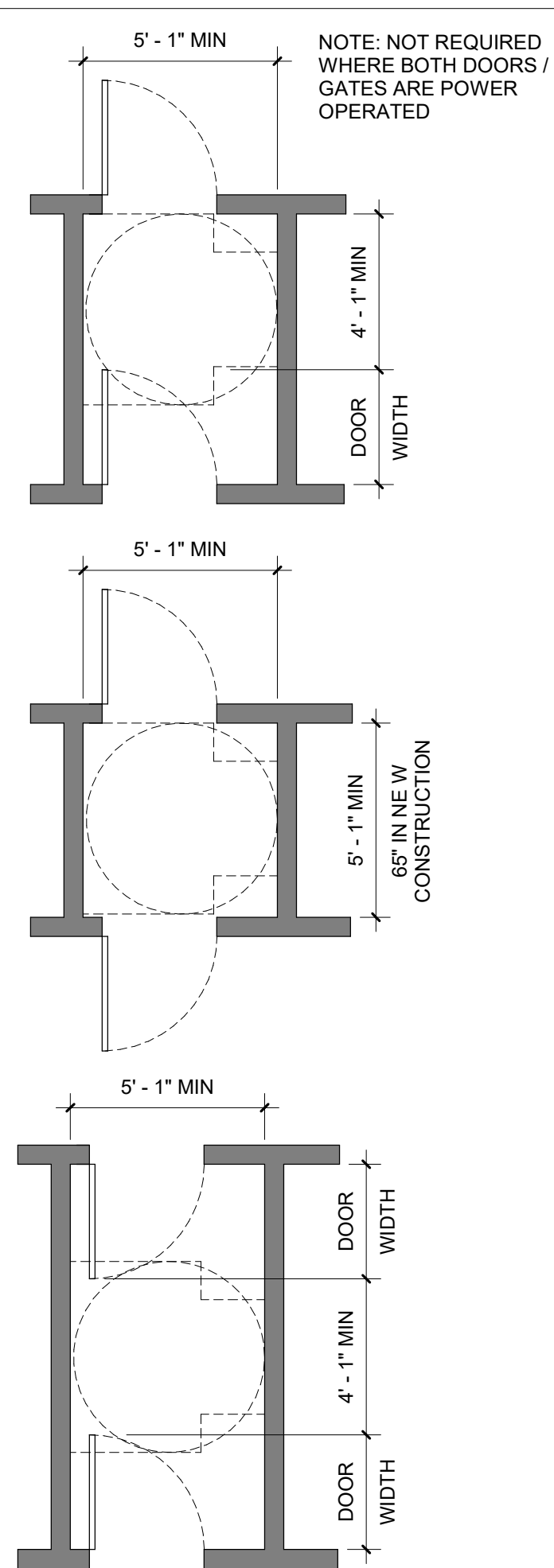
## MOUNTING HEIGHTS & SIGNAGE OF DEVICES



### CHANGES IN FLOOR LEVEL / THRESHOLDS

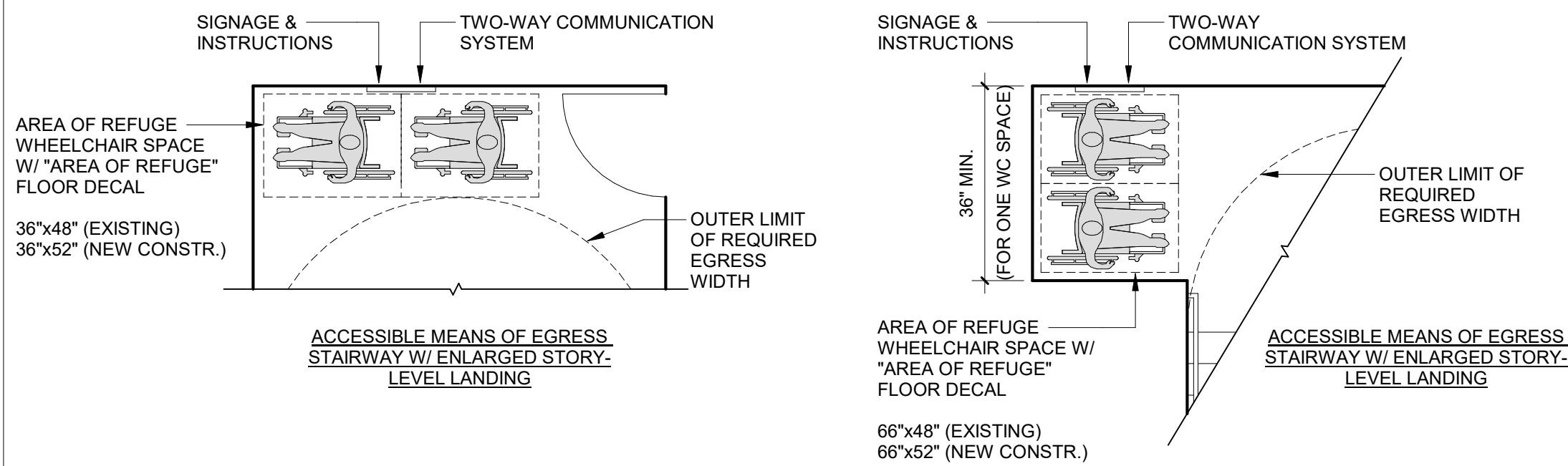


## MANEUVERING CLEARANCES AT DOORS/ GATES IN SERIES



### AREA OF REFUGE (AOR) REQUIREMENTS

**AREA OF REFUGE SIZING**  
PROVIDE ONE WHEELCHAIR SPACE FOR EACH 200 OCCUPANTS, BASED ON OCCUPANT LOAD OF AOR AND AREAS SERVED BY AOR. ALSO, NOT LESS THAN 36" WIDE



## GENERAL NOTES

1. ACCESSIBILITY CLEARANCES SHOWN HERE MEET OR EXCEED THE FOLLOWING STANDARDS:  
 - ANSI A117.1  
 - AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG)  
 - UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS)  
 - FAIR HOUSING ACT (FHA)
2. ANY DISCREPANCY BETWEEN THIS SHEET AND THE PROJECT DESIGN DOCUMENTS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY PRIOR TO STARTING WORK. NOT ALL CONDITIONS SHOWN HERE APPLY; REFER TO DESIGN DOCUMENTS FOR PROJECT SPECIFIC INFORMATION.
3. "HOLD" DIMENSIONS INDICATE EXACT MEASUREMENT; NO DEVIATION OR TOLERANCE IS ALLOWABLE.
4. DOOR HARDWARE OPERATION SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST, NOR REQUIRE MORE THAN 5 LBS OF OPERATIONAL FORCE.
5. DIMENSIONS SHOWN ARE TO FINISH FACE OF PARTITION / BUILDING ELEMENT. CONTRACTOR TO COORDINATE PARTITION FRAMING ACCORDINGLY.



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## ACOUSTICS

Metropolitan Acoustics  
phone: 215.248.4352 x103  
CONTACT PERSON: Evelyn Savage

**Project:**

# MCIU Broadcast Studio Conversion

Project Address:

## 2 W Lafayette Street Offices

Sheet Title:

## ACCESSIBILITY STANDARDS

Seal



### DUTY TO INSPECT CONTRACT DOCUMENTS PRIOR

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BHA Job Number: 24-044

Scale: As indicated

Drawn By: EE

Checked By: ME

Approved By: TH

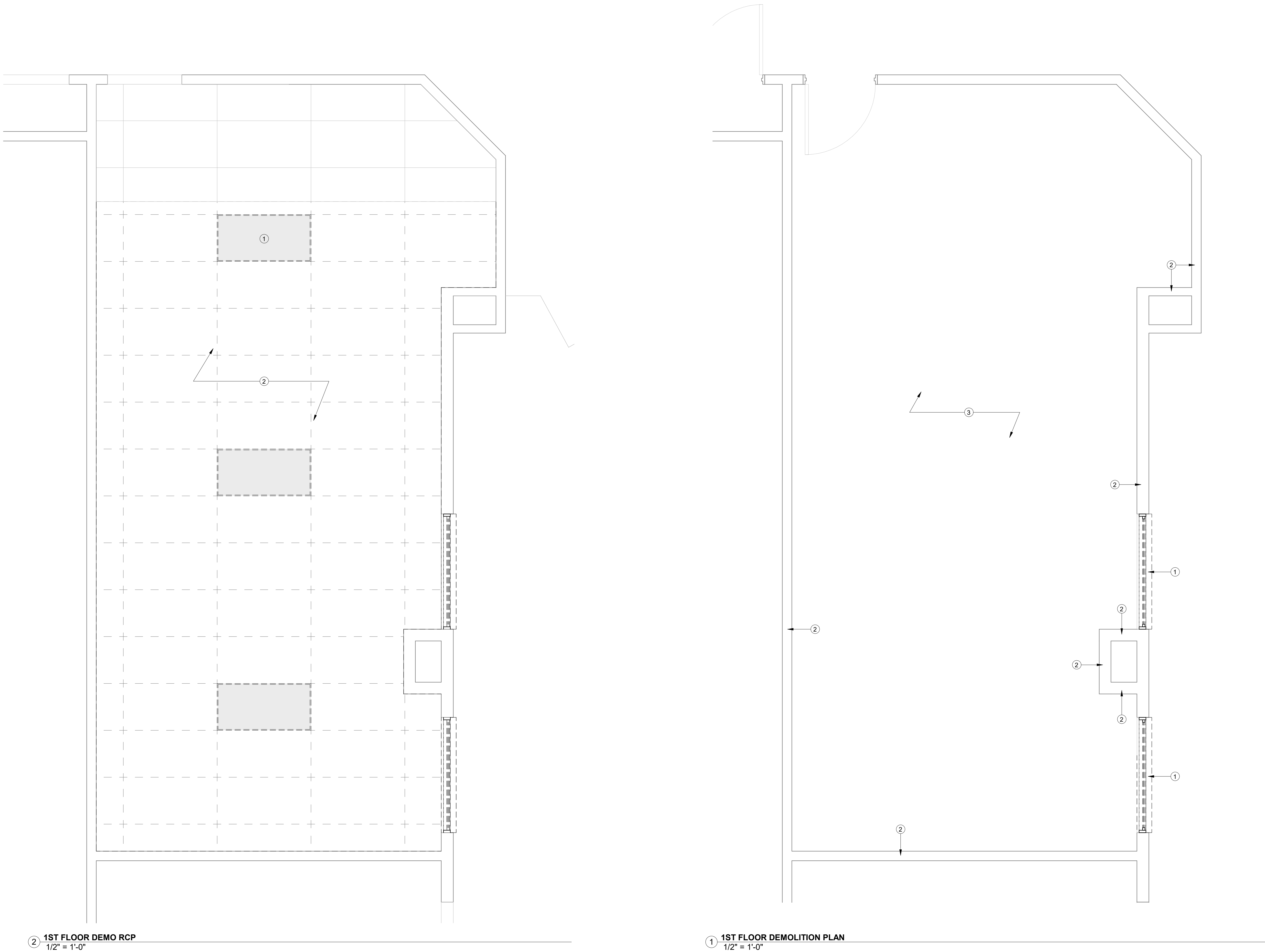
Sheet No.

# G2.00

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2 1ST FLOOR DEMO RCP  
1/2" = 1'-0"

1 1ST FLOOR DEMOLITION PLAN  
1/2" = 1'-0"

**DEMO PLAN LEGEND**

- EXISTING WALL TO REMAIN
- EXISTING CONSTR. TO BE REMOVED
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED

**RCP DEMO LEGEND**

- EXISTING GWB CEILING TO REMAIN
- EXISTING GWB CEILING TO BE REMOVED
- EXISTING ACT CEILING TO REMAIN
- EXISTING ACT CEILING TO BE REMOVED

**RCP DEMO KEYED NOTES**

- 1 REMOVE AND SALVAGE EXISTING LIGHT FIXTURE FOR REUSE.
- 2 REMOVE EXISTING CEILING TILES, GRIDS, LIGHT FIXTURES AND ALL ASSOCIATED HARDWARE U.N.O.

**DEMOLITION KEYED NOTES**

- 1 REMOVE WINDOWS, SILLS, AND ANY ASSOCIATED HARDWARE. OPENINGS TO BE INFILLED TO MATCH ADJACENT WALLS.
- 2 REMOVE FINISH LAYER OF DRYWALL AT EXISTING PARTITION. ALIGN EXTENT WITH BOUNDARIES OF NEW ROOM. REFER TO SHEET A1.01 FOR MORE INFORMATION.
- 3 REMOVE EXTEND OF EXISTING FLOORING, WALLBASE AND ASSOCIATED ADHESIVE. ALIGN EXTENT WITH BOUNDARIES OF NEW ROOM. REFER TO SHEET A1.01 FOR MORE INFORMATION. ALL FLOORING AND WALL BASE AT MAIL ROOM TO REMAIN.



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**2 W Lafayette Street Offices**

Sheet Title:  
**1ST FLOOR DEMOLITION PLAN**



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Release		
Date	Comments	△
08.12.24	ISSUE FOR REVIEW	1
08.30.24	ISSUE FOR PROGRESS	2
	BID	
10.15.24	ISSUE FOR PLAN REVIEW	3

BHA Job Number: 24-044

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**AD1.01**

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













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
## LIGHTING SCHEDULE

<p>L1</p> <p>ITEM NAME: LINEAR DOWNLIGHT REFER TO ELECTRICAL DRAWINGS FOR SPECIFICATIONS.</p>	<p>L2</p> <p>ITEM NAME: "ON AIR" SIGN LIGHT REFER TO ELECTRICAL DRAWINGS FOR SPECIFICATIONS.</p>
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## RCP LEGEND

	RECESSED DOWNLIGHT
	PENDANT LIGHT
	2X2 TROFFER
	LINEAR SLOT
	SUPPLY DIFFUSER
	RETURN GRILLE
	SPRINKLER
	SWITCH
	SWITCH - DIMMER
	SWITCH - 3-WAY
	CEILING TAG
	CEILING HEIGHT
	CEILING TYPE
<b>TYPE</b>	<b>DESCRIPTION</b>
 A	GWB CEILING
 B	2X2 CEILING TILE & GRID
	MFR: ARMSTRONG
	STYLE: ULTIMA HIGH NRC
	SIZE: 2X2
	GRID: BEVELED REGULAR 9/16"
	COLOR: WHITE

## FLOOR PLAN LEGEND

	EXISTING WALL TO REMAIN
	NEW WALL. SEE PARTITION SCHED. & WALL DETAILS
	EXISTING DOOR TO REMAIN
	NEW DOOR. SEE SCHED.
	NEW MILLWORK
	AREA NOT IN SCOPE

## FLOOR PLAN KEYED NOTES

- ① FULL HEIGHT GREEN SCREEN PAINT APPLIED WALL.
- ② FELT PANEL APPLIED WALL. SEE 2 / A1.41 FOR ELEVATION.
- ③ CENTER OF TV MONITOR TO BE MOUNTED AT 5'-6" AFF. PROVIDE BLOCKING BEHIND TV TO BE PROVIDED BY OWNER. REFER TO ELECTRICAL DRAWINGS FOR POWER AND DATA INFORMATION.
- ④ NOT USED.
- ⑤ INFILL WINDOWS TO MATCH ADJACENT WALLS AND FINISHES.

## RCP KEYED NOTES

- ① SALVAGED AND RELOCATED EXISTING LIGHT FIXTURE.
- ② NOT USED.
- ③ PROVIDE SEALING TO WHERE MISSING AT DRYWALL LOCATIONS MEETING CORRUGATED DECK ABOVE. SEE IMAGE 1.
- ④ PROVIDE SEALING AT PLENUM LOCATIONS WHERE SEALING IS MISSING. SEE IMAGE 2.



IMAGE 2: UNSEALED PIPING

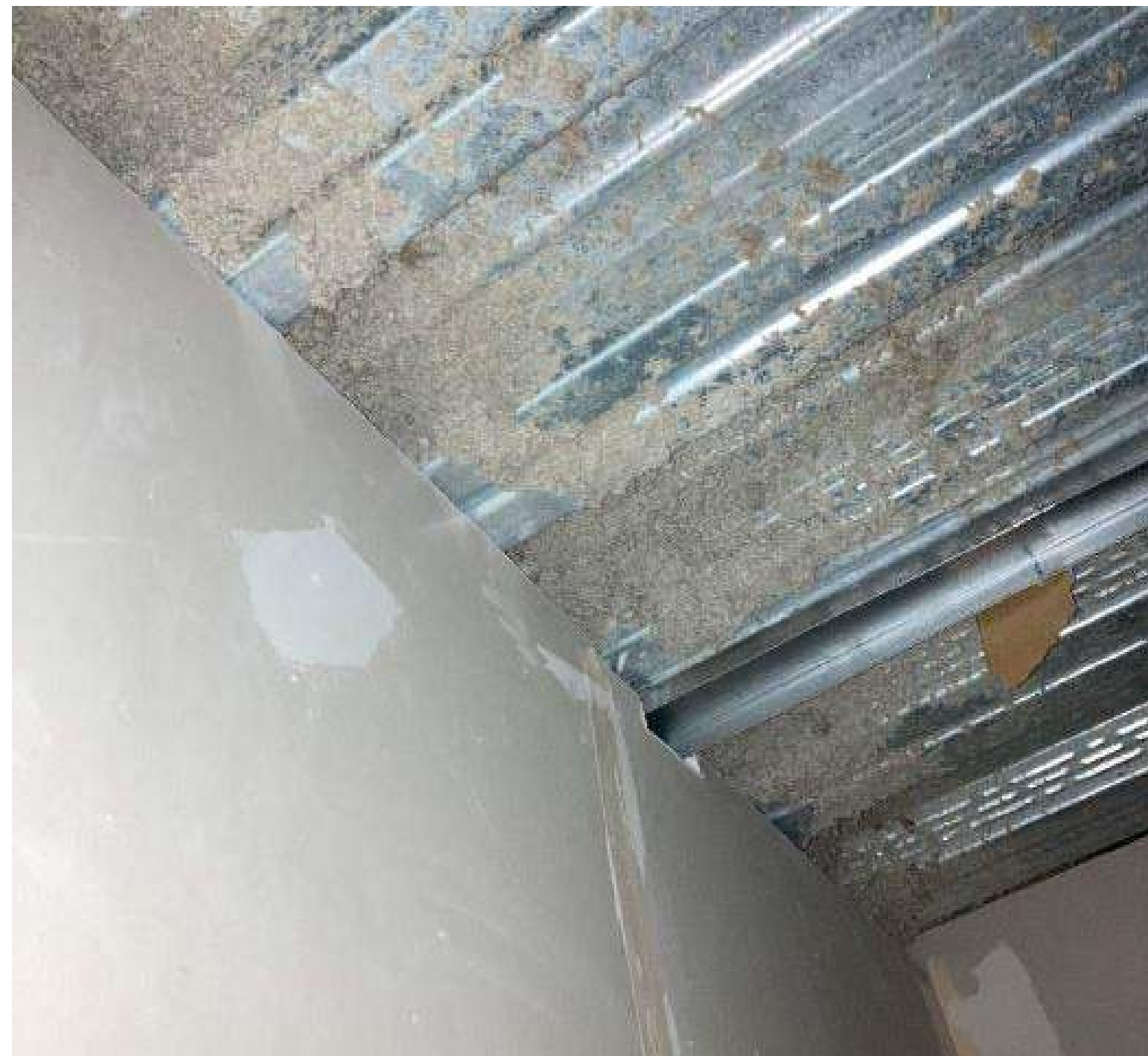
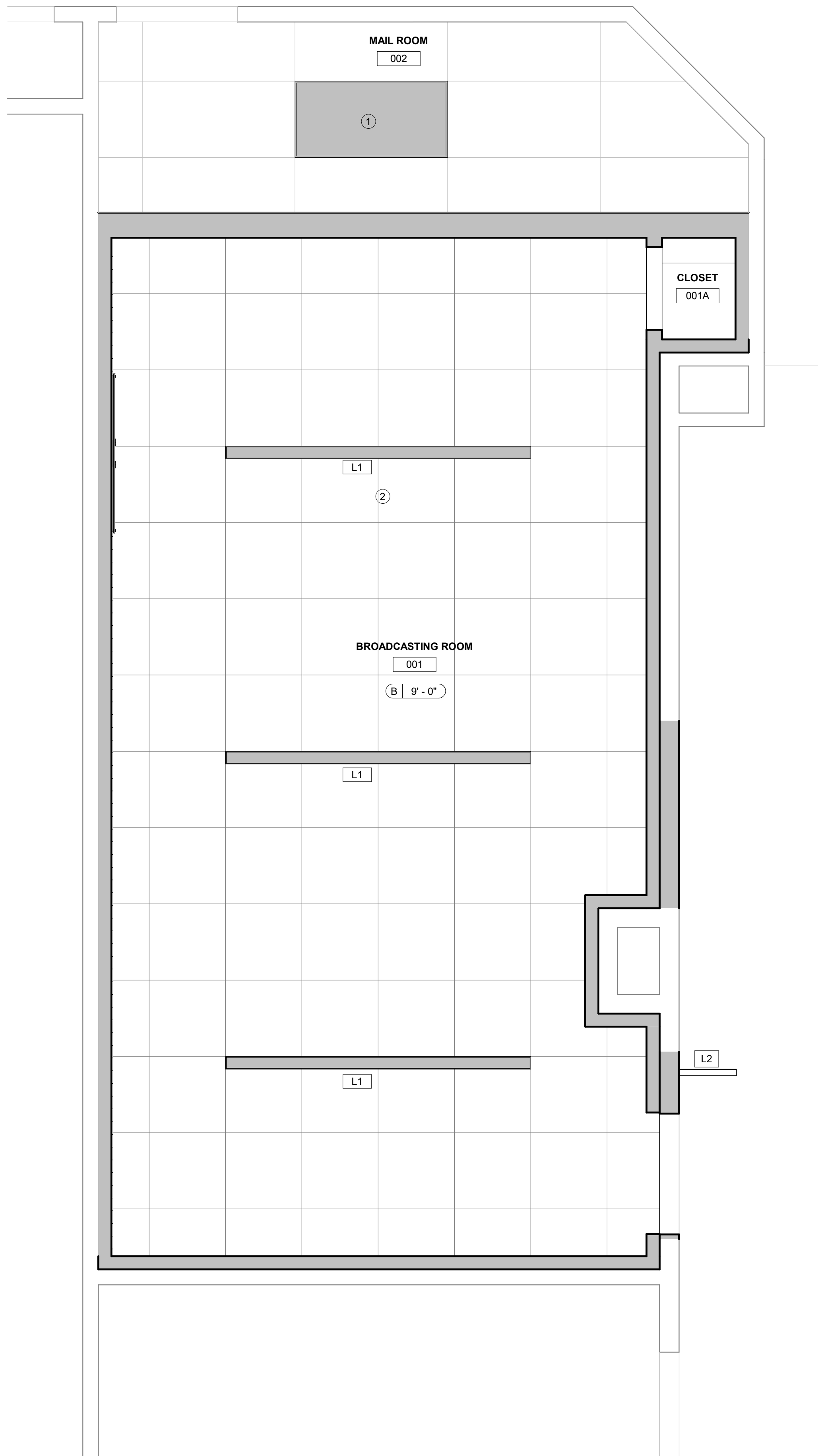
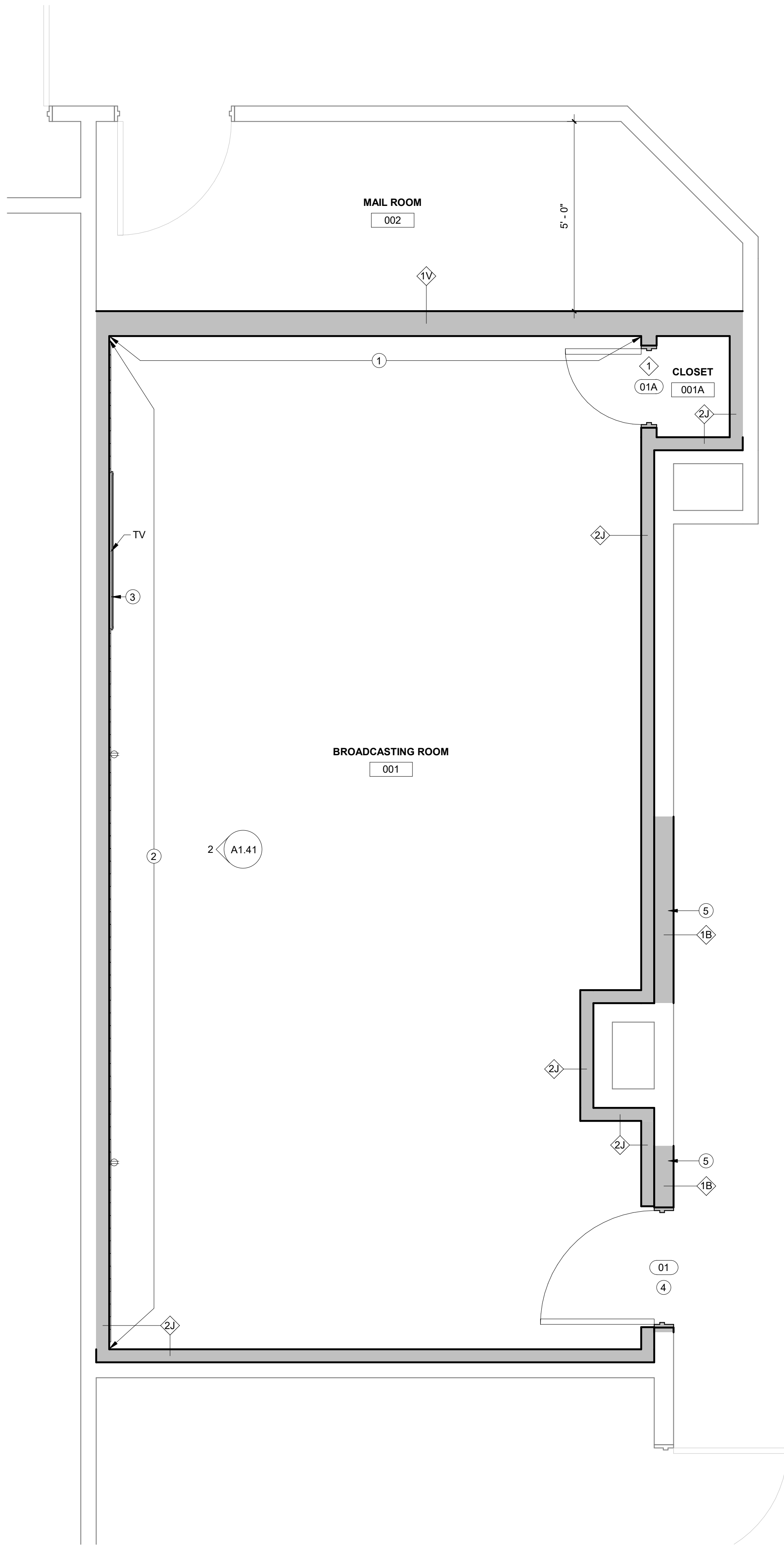


IMAGE 1: UNSEALED DRYWALL



② 1ST FLOOR RCF  
1/2" = 1'-0"



① **1ST FLOOR PLAN**  
1/2" = 1'-0"



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BHA Job Number: 24-044

Scale: As indicated

Drawn By: \_\_\_\_\_ Author: \_\_\_\_\_

Checked By: MB

Approved By: TH

Sheet No.

# A1.01

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FINISH LEGEND	
<u>FINISH TAG</u>	
WALLS	
BASE	
FLOORING	

- ① PAINT WALL AND INSTALL WALL BASE TO MATCH EXISTING ADJACENT WALLS.
- ② CLOSET TO MATCH GENERAL FINISHES OF ADJACENT SPACE.
- ③ RE-PAINT EXTENT OF WALL AND INFILLS TO MATCH EXISTING COLOR AND FINISH.
- ④ FLOORING TRANSITION LOCATION. REFER TO DETAIL 4 / A1.41

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A circular professional engineer seal for the State of Pennsylvania. The outer ring contains the text "REGISTERED ARCHITECT" at the top and "KEVIN BLACKNEY No. 009063-X" at the bottom. The inner circle features a central emblem of a person standing on a pedestal, holding a torch and a scroll, with a sunburst above their head. A signature is written across the right side of the seal.

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BHA Job Number: 24-044

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Drawn By: EE

Checked By: ME

Approved

Sheet No.

**A**

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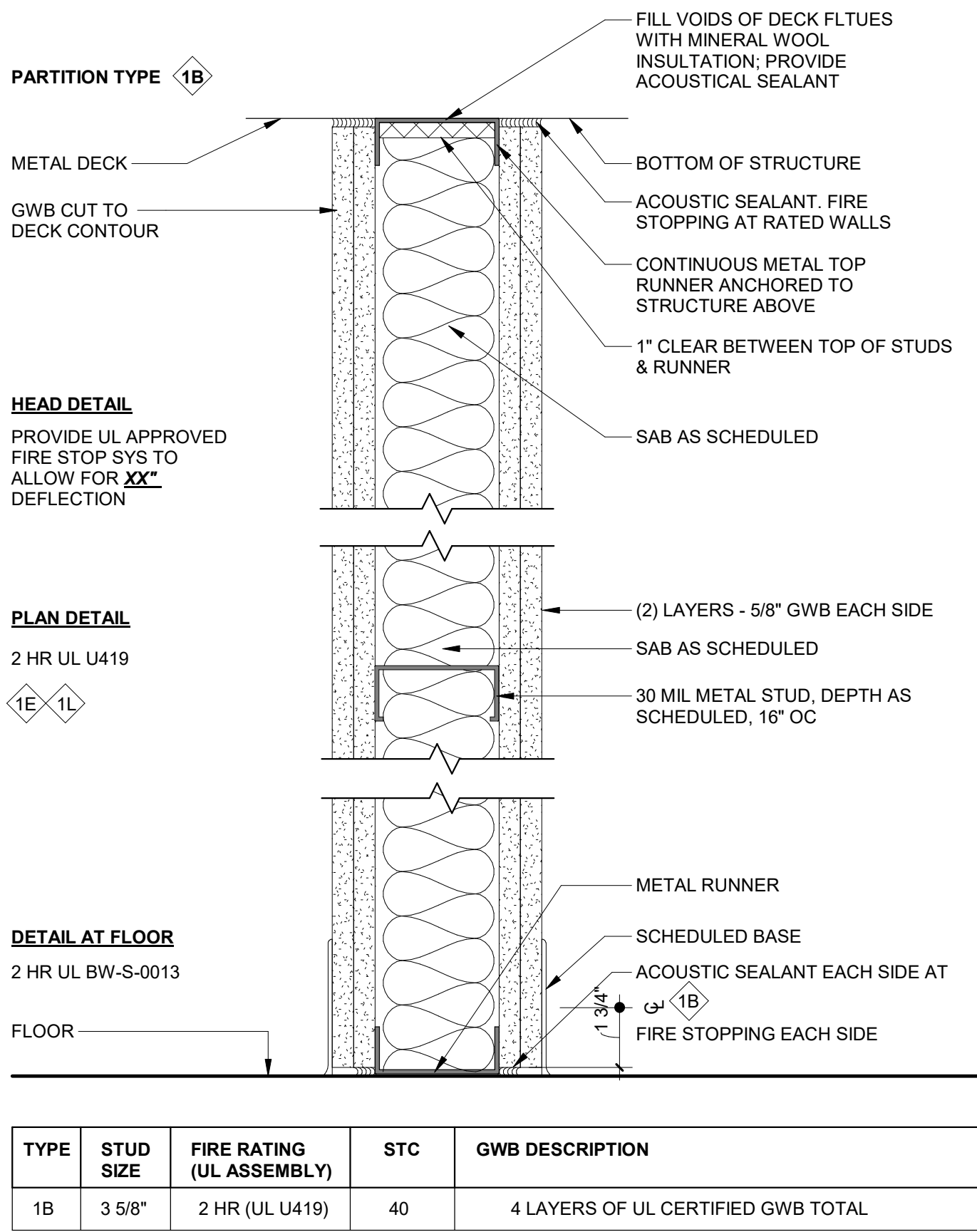
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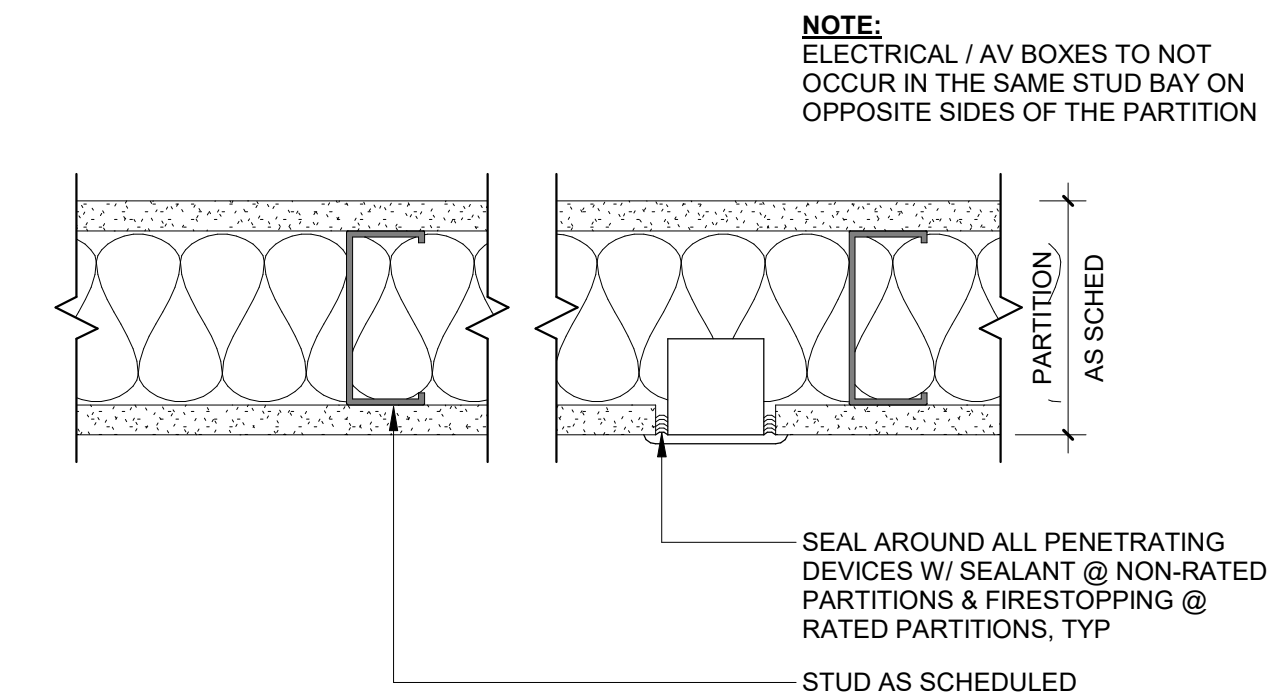




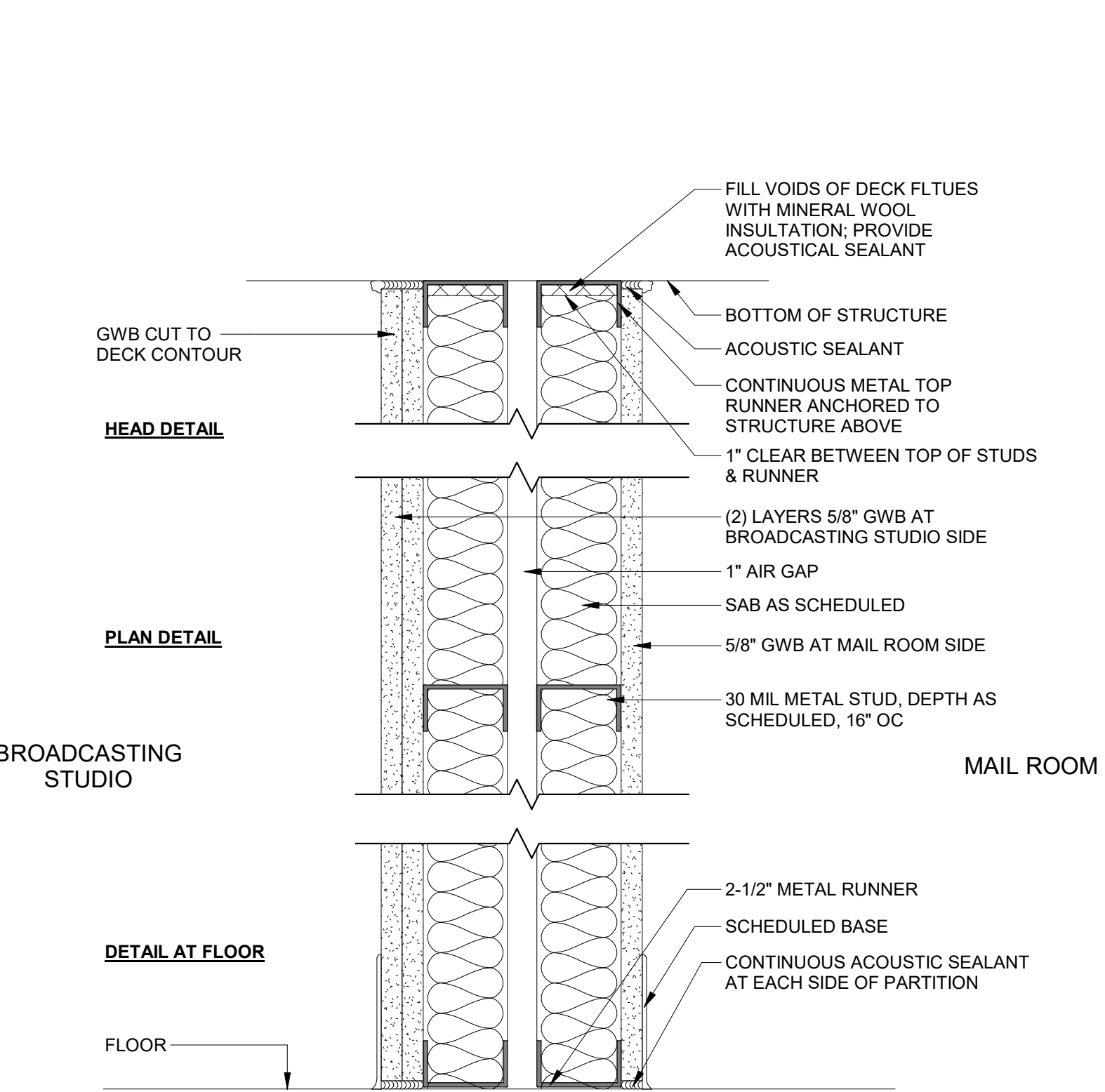
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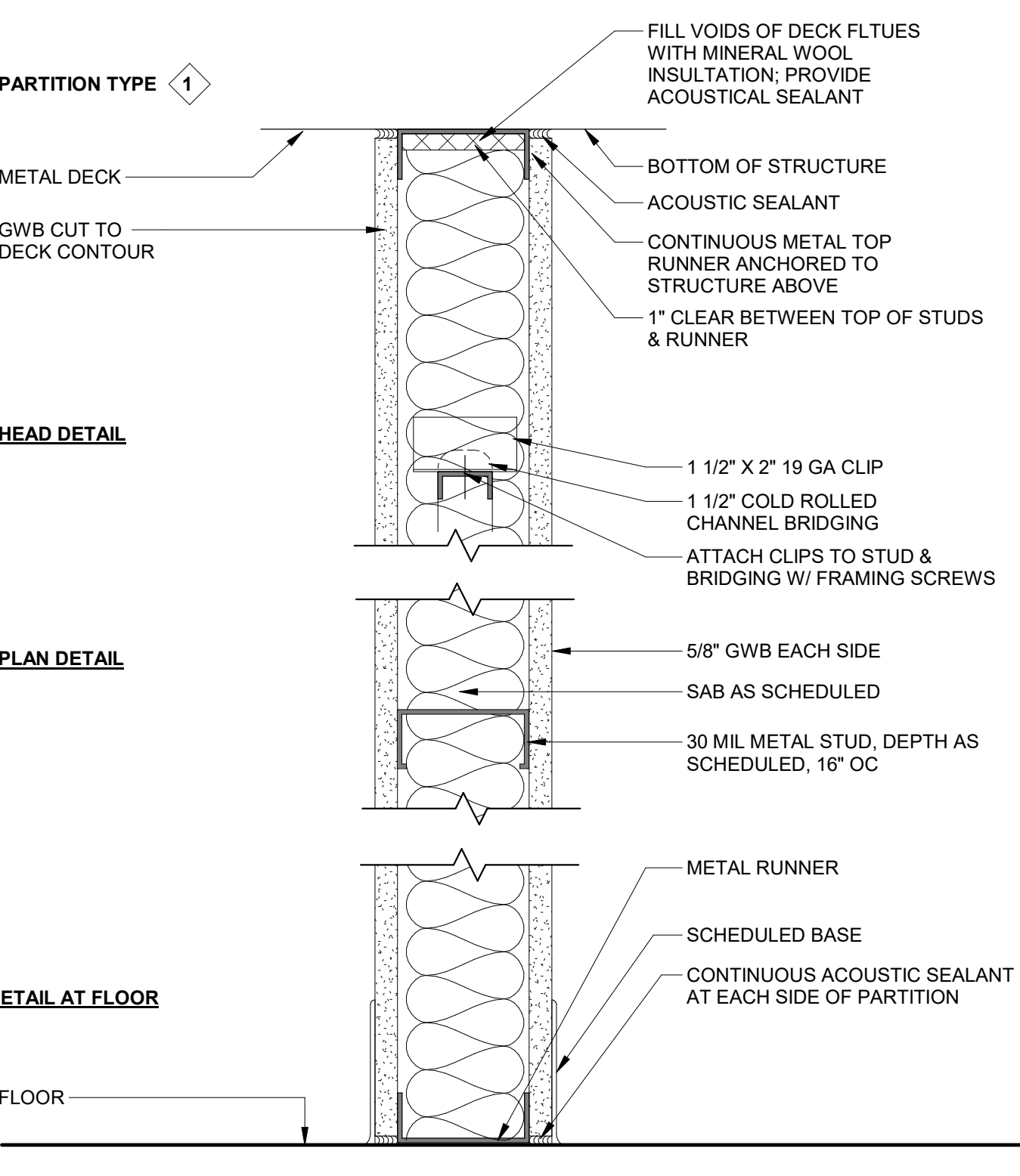
4 PARTITION TYPE 1B  
3" = 1'-0"



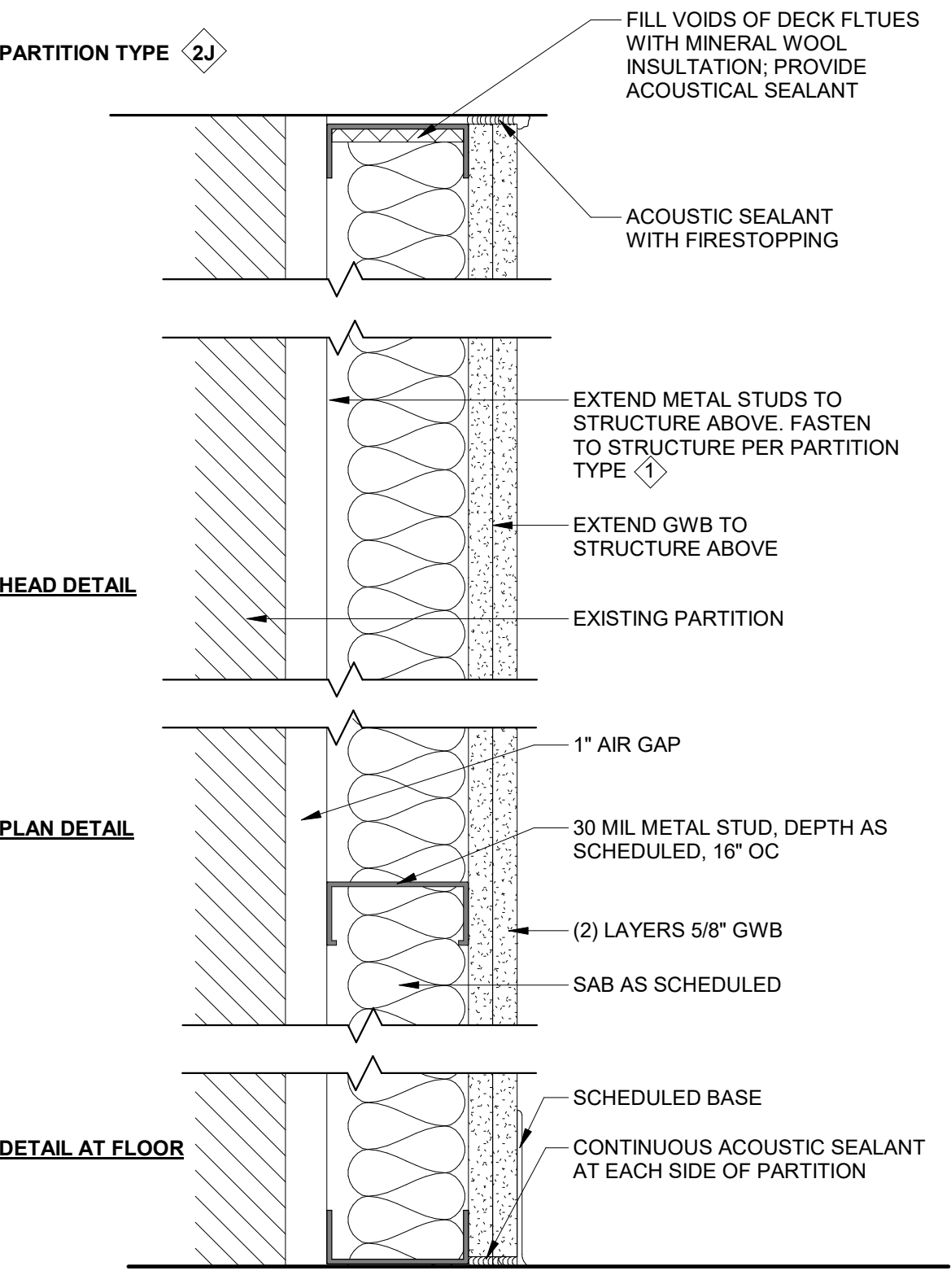
5 PARTITION AT ELEC/AV BOXES - MTL  
3" = 1'-0"



3 PARTITION TYPE 1V  
3" = 1'-0"



2 PARTITION TYPE 1 - MTL  
3" = 1'-0"



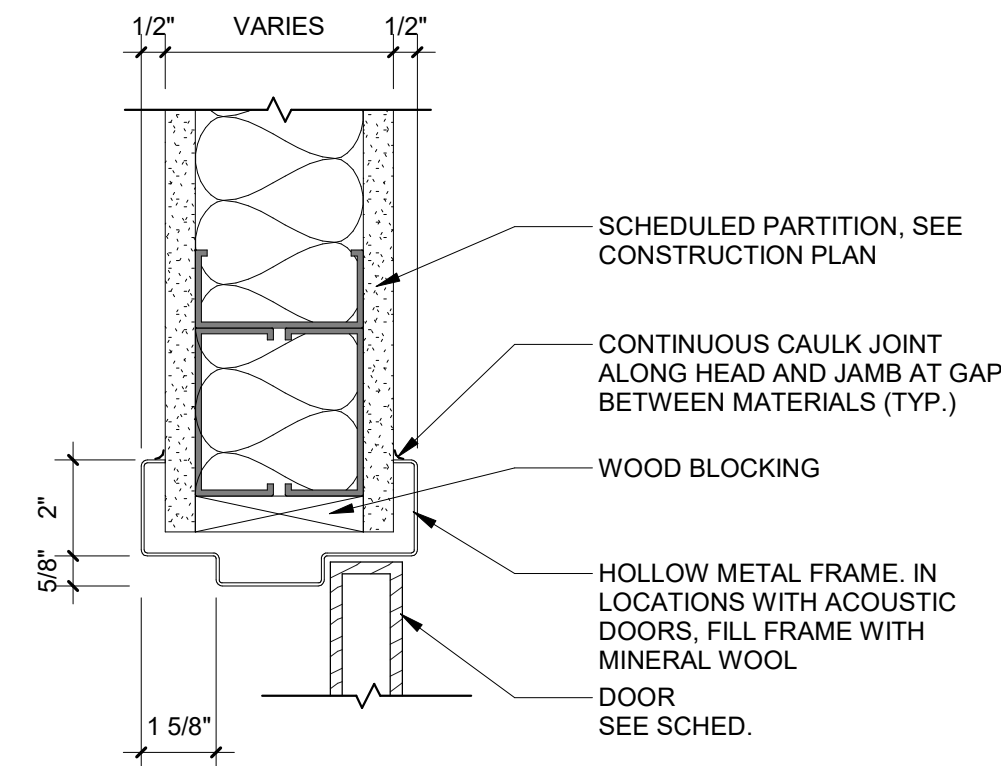
1 PARTITION TYPE 2J  
3" = 1'-0"



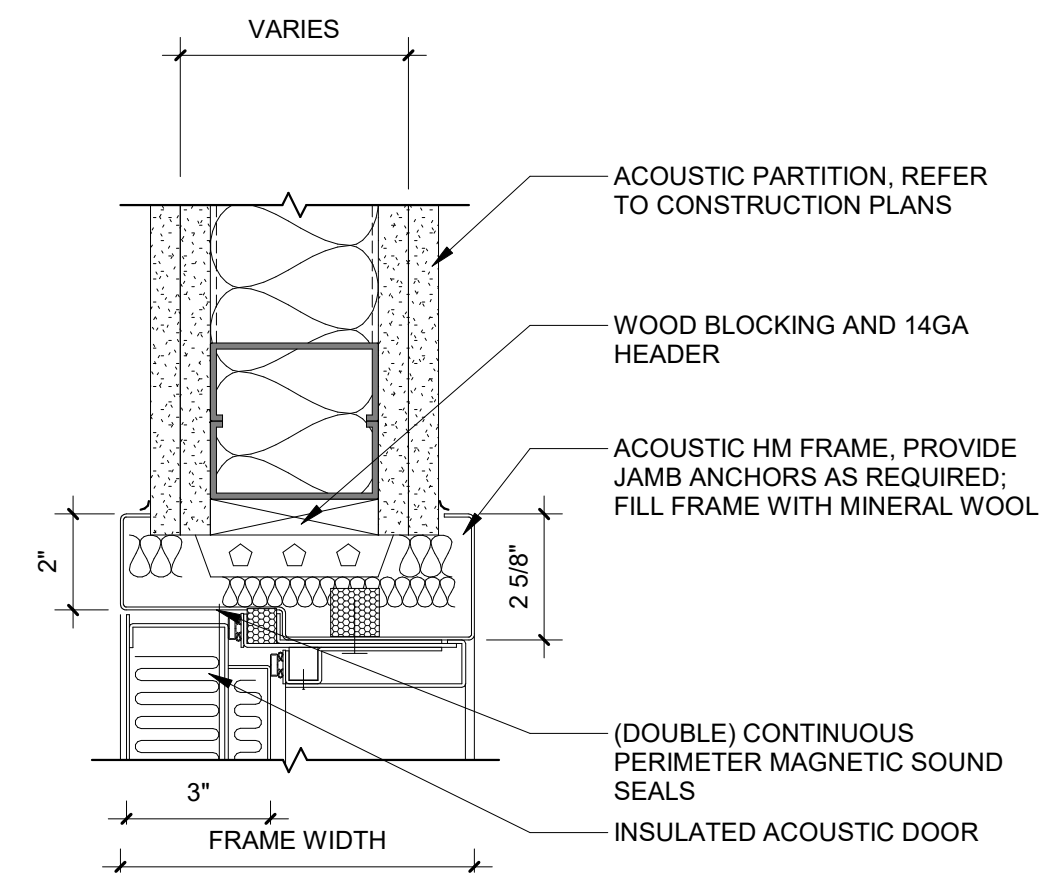
DOOR SCHEDULE														
DOOR NO.	DOOR TYPE	ROOM LOCATION		DOOR				FIRE RATING	FRAME			HARDWARE SET	GLAZING TYPE	COMMENTS
		NUMBER	NAME	WIDTH	HEIGHT	MATERIAL	FINISH		TYPE	MATERIAL	FINISH			
1ST FLOOR														
01		001	BROADCASTING ROOM	3' - 0"	7' - 0"	HM	PTD	90 min		HM	PTD	2		SEE DETAIL 1/A9.10
01A		001A	CLOSET	2' - 0"	7' - 0"	WD	PTD	0		HM	PTD	1		SEE DETAIL 2/A9.10

GLAZING NOTES	DOOR AND FRAME NOTES
<p>1. ALL GLAZING UNITS IGU UON. OTHER TYPES AS INDICATED.</p> <p>■ INSULATED GLAZING UNIT SPANDREL            LG INSULATED GLAZING UNIT WITH SAFETY GLASS            LG INSULATED GLAZING UNIT WITH LAMINATED GLASS            FG INSULATED GLAZING UNIT WITH CERAMIC FRIT            MGL MONOLITHIC GLASS            SMG SAFETY MONOLITHIC GLASS            LM LAMINATED MONOLITHIC GLASS            LMG MONOLITHIC GLASS WITH CERAMIC FRIT            FP FIRE PROTECTION RATED GLASS</p>	<p>1. REFER TO SPEC FOR DOOR &amp; FRAME GAUGES, ANCHORS, AND REINFORCEMENT.</p> <p>2. ALL DOOR GLAZING TO BE 1/4" SAFETY GLASS UON.</p> <p>3. ALL GLAZING IN RATED DOORS TO BE FIRE PROTECTION RATED GLAZING.</p> <p>4. PAIRED DOOR TYPES ARE INDICATED BY NOTING "2" IN FRONT OF A DOOR TYPE. E.G. 2F IS A PAIRED TYPE F (FLUSH) DOOR.</p> <p>5. SCHEDULE DESIGNATIONS AS FOLLOWS:            GL - GLASS            AL - ALUMINUM            HM - HOLLOW METAL            PTD - PAINTED, OPAQUE FINISH            STN - STAINED, TRANSPARENT FINISH</p>
<p>2. REFER TO <b>XXX</b> FOR DOOR INFORMATION</p> <p>3. SEE SPEC SECTION 08000 FOR MORE GLAZING INFORMATION.</p> <p>4. ALL OPENINGS TO BE VIF.</p>	<p>FOR OTHER DESIGNATIONS, REFER TO ABBREVIATIONS LIST.</p>

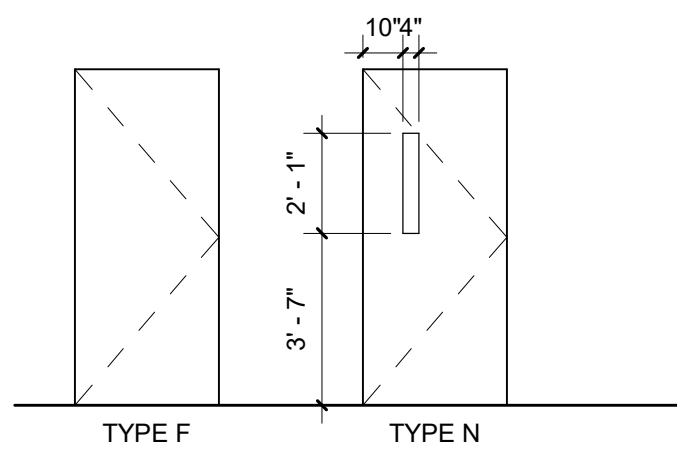
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② DOOR HEAD AT HM FRAME  
3" = 1'-0"



① DOOR HEAD AT DBL ACOUSTIC HM FRAME  
3" = 1'-0"



**DOOR TYPES**  
1/4" = 1'-0"



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## 2 W Lafayette Street Offices

Sheet Title:

## DOOR SCHEDULES, TYPES, & DETAILS

Seal



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**TO STARTING WORK:**  
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[illegible]

BHA Job Number: 24-044

Scale: As indicated

Drawn By: \_\_\_\_\_ Author: \_\_\_\_\_

Checked By: \_\_\_\_\_ Checker \_\_\_\_\_

Approved By: \_\_\_\_\_ Approver: \_\_\_\_\_

Sheet No.

## A9.10

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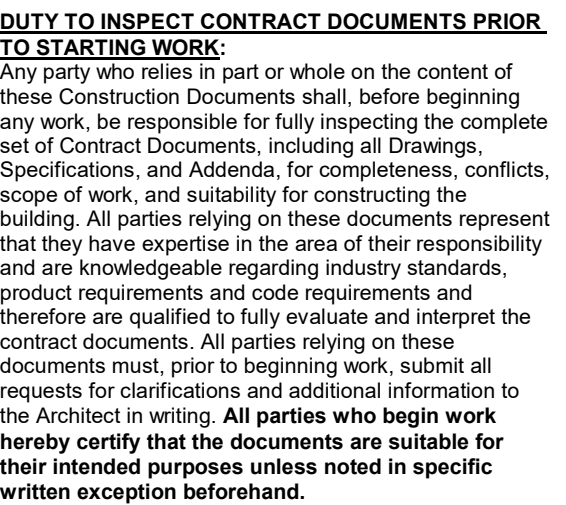


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CONTACT PERSON: Evelyn Savage

Project Address:  
2 W Lafayette Street Offices

Seal






































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BHA Job Number:	24-044
Scale:	
Drawn By:	CJI
Checked By:	SEN
Approved By:	SEN
Sheet No.	

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# M0.0

MECHANICAL SYMBOLS & ABBREVIATIONS			
G.C.	GENERAL CONTRACTOR	C.D.	CONDENSATE DRAIN
H.C. / M.C.	MECHANICAL CONTRACTOR	F.D.	FLOOR DRAIN
E.C.	ELECTRICAL CONTRACTOR	RS	REFRIGERANT SUCTION
P.C.	PLUMBING CONTRACTOR	RL	REFRIGERANT LIQUID
S/A	SUPPLY AIR	—HWS—	HOT WATER SUPPLY
R/A	RETURN AIR	---- HWR ----	HOT WATER RETURN
T/A	TRANSFER AIR	— HPS —	HEAT PUMP SUPPLY
E/A	EXHAUST AIR	---- HPR ----	HEAT PUMP RETURN
O/A	OUTSIDE AIR	— CSH —	CONDENSER WATER SUPPLY
A.F.F.	ABOVE FINISHED FLOOR	----- CR -----	CONDENSER WATER RETURN
AL	ACOUSTICAL LINING	— FOS —	FUEL OIL SUPPLY
O.E.D.	OPEN END DUCT	---- FOR ----	FUEL OIL RETURN
NC	NORMALLY CLOSED	— LPS —	LOW PRESSURE STEAM SUPPLY
NO	NORMALLY OPEN	---- LPR ----	LOW PRESSURE STEAM RETURN
DISC	DISCONNECT SWITCH		GATE/BUTTERFLY VALVE
	REMOVE EXISTING		BALL VALVE
	CONNECT TO EXISTING		BALANCING VALVE
	SUPPLY AIR DIFFUSER/DROP/RISE		3-WAY ATC VALVE
	RETURN AIR GRILLE/DROP/RISE		2-WAY ATC VALVE
	EXHAUST AIR GRILLE/DROP/RISE		AUTOMATIC FILL VALVE
	DUCT MOUNTED SMOKE DETECTOR		RELIEF VALVE
	TEMPERATURE/HUMIDITY SENSOR		CHECK VALVE
	CARBON DIOXIDE SENSOR		TRIPLE DUTY VALVE
	SWITCH		STRAINER
	PRESSURE SENSOR		PIPE ANCHOR
	VOLUME DAMPER		PIPE GUIDE
	ATC		FLEXIBLE CONNECTION
	BACKDRAFT DAMPER		THERMOMETER
	SMOKE DAMPER		PRESSURE GAUGE
	ACCESS PANEL		OS&Y VALVE
	FIRE DAMPER		PRESSURE REDUCING VALVE
	DIFFERENTIAL PRESSURE SENSOR		UNION

DESIGN CODE COMPLIANCE	
PA - UCC	PENNSYLVANIA UNIFORM CONSTRUCTION CODE; 2018
IBC	ICC - INTERNATIONAL BUILDING CODE; 2018
IMC	ICC - INTERNATIONAL MECHANICAL CODE; 2018
IEEC	ICC - INTERNATIONAL ENERGY CONSERVATION CODE; 2018
IFGC	ICC - INTERNATIONAL FUEL GAS CODE; 2018
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NEC	NATIONAL ELECTRIC CODE; 2017

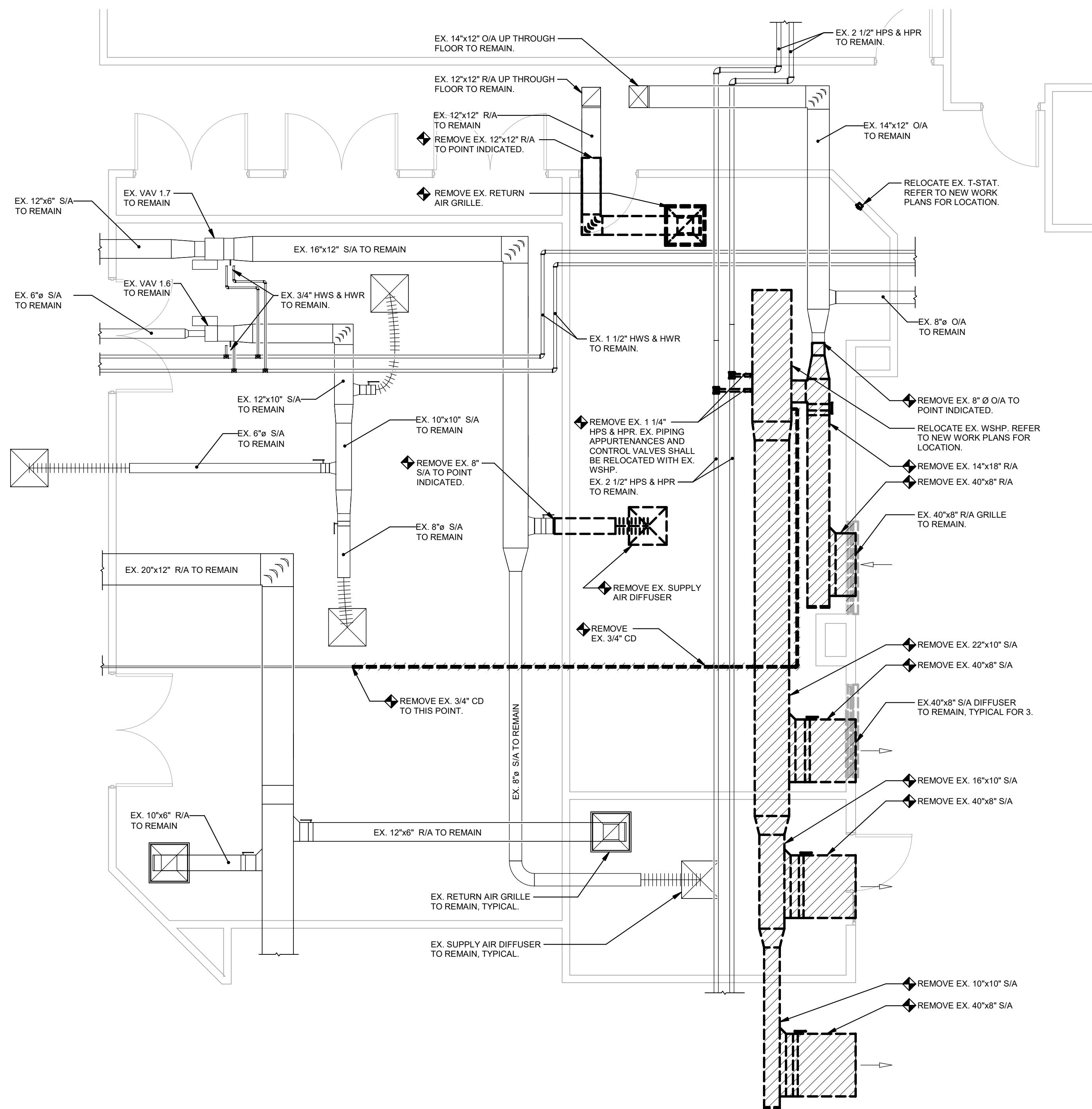




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CONTACT PERSON: Evelyn Savage



1 1ST FLOOR DEMOLITION PLAN - MECHANICAL  
1/4" = 1'-0"

NOTE: ALL HATCHED WORK SHALL BE BID AS AN ALTERNATE. IF THE ALTERNATE IS NOT ACCEPTED THE EXISTING SHALL REMAIN AND THE EX. WSHIP AND ASSOCIATED DUCTWORK SHALL BE WRAPPED IN AN ACCOUSTICAL CURTAIN SIMILAR TO BRD HUSH FLEX.

Project:  
MCIU Broadcast Studio  
Conversion

Project Address:  
2 W Lafayette Street Offices

Sheet Title:

FIRST FLOOR  
DEMOLITION PLAN -  
MECHANICAL

Seal



### DUTY TO INSPECT CONTRACT DOCUMENTS PRIOR

**NO STARTING WORK:** No party who relies in part or whole on the content of these documents shall, before beginning work, be responsible for fully inspecting the completeness of Contract Documents, including all Drawings, Specifications, and Addenda, for completeness, conflicts of work, and suitability for constructing the building. All parties relying on these documents represent and warrant they have examined them and their responsibility for any and all knowledge regarding industry standards, product requirements and code requirements and therefore are qualified to fully evaluate and interpret the contract documents. All parties relying on these documents must, prior to beginning work, submit all requests for clarifications and additional information to the Architect in writing. All parties who begin work hereby certify that the documents are submitted for their intended purposes unless noted in specific written exception beforehand.

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[illegible]

Approved By: SEN

Sheet No.

# MD1.01





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
























































<div> <div>#</div> <div>= TAG</div> </div> <div> <div>CFM</div> <div>= VOLUME</div> </div>		GRILLE, REGISTER, & DIFFUSER SCHEDULE							
TAG	MFR	MODEL	SIZE	PATTERN	TYPE	MOUNT	FINISH	MAX N.C.	NOTES
1	TITUS	TDV-AA	6x6	6" DIA. NECK 4-WAY	S/A	LAY-IN	BWE	25	-
2	TITUS	TDV-AA	9x9	8" DIA. NECK 4-WAY	S/A	LAY-IN	BWE	25	-
3	TITUS	350FL	10x10	3/4" SPACING 35° DEFLECTION	R/A,T/A	SURFACE	BWE	25	-
4	TITUS	350FL	12x12	3/4" SPACING 35° DEFLECTION	R/A,T/A	SURFACE	BWE	25	-

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ISSUE FOR PLAN REVIEW 10.15.24





ELECTRICAL LEGEND	
<b>NOTE:</b>	NOT ALL DEVICES SHOWN ON THE LEGEND ARE USED ON THIS PROJECT
	LED LIGHT FIXTURE (UPPER CASE LETTER DENOTES TYPE, LOWER CASE LETTER DENOTES SWITCHING GROUP)
	LED LINEAR SUSPENDED LIGHT FIXTURE (UPPER CASE LETTER DENOTES TYPE, LOWER CASE LETTER DENOTES SWITCHING GROUP)
	LED INDUSTRIAL LIGHT FIXTURE (UPPER CASE LETTER DENOTES TYPE, LOWER CASE LETTER DENOTES SWITCHING GROUP)
	INCANDESCENT, LED, FLUORESCENT OR H.I.D. LIGHT FIXTURE
	NORMAL-EMERGENCY LIGHT FIXTURE
	EMERGENCY ONLY LIGHT FIXTURE
	WALL SCONCE
	EXIT SIGN
	EMERGENCY BATTERY UNIT
	REMOTE HEAD
	DOUBLE REMOTE HEAD
	POLE-MOUNTED SITE LIGHT FIXTURE
	SINGLE POLE SWITCH (LOWER CASE LETTER DENOTES GROUP TO BE SWITCHED)
	DIMMER SWITCH
	LOW VOLTAGE SWITCH
	CAPACITIVE TOUCH SCREEN LIGHTING CONTROL PANEL
	3-WAY SWITCH
	4-WAY SWITCH
	FAN SWITCH
	KEY SWITCH
	OVERRIDE SWITCH
	SWITCH WITH PILOT LIGHT
	OCCUPANCY SENSOR (CEILING-MOUNTED)
	DAYLIGHT SENSOR (CEILING-MOUNTED)
	OCCUPANCY SENSOR (WALL-MOUNTED)
	DUAL-TECH OCCUPANCY SENSOR (CORNER-MOUNTED)
	CORRIDOR OCCUPANCY SENSOR
	ULTRASONIC 360° OCCUPANCY SENSOR (CEILING-MOUNTED)
	EMERGENCY LIGHTING RELAY
	OCCUPANCY SENSOR CONTROL/ POWER PACK
	DIGITAL LIGHTING ROOM CONTROLLER
	DUPLEX CONVENIENCE OUTLET (CT DENOTES COUNTERTOP HEIGHT)
	DUPLEX ISOLATED GROUND OUTLET
	DOUBLE DUPLEX (QUADRUPLUX) OUTLET
	QUADRUPLUX ISOLATED GROUND OUTLET
	SPECIAL PURPOSE OUTLET
	RANGE OUTLET, 50AMP 3 WIRE
	TELEPHONE OUTLET (POTS LINE)
	TELEPHONE OUTLET (PROVIDE (1) DATA DROP)
	WALL-MOUNTED TELEPHONE OUTLET (PROVIDE (1) DATA DROP)
	COMPUTER OUTLET (NUMBER DENOTES NUMBER OF JACKS)
	WIRELESS ACCESS POINT, FIELD COORDINATE TERMINATION/ PLATE TYPE WITH OWNER PROVIDED DEVICE REQUIREMENTS
	AV INPUT/OUTPUT JACK
	FIBER CONNECTION
	FLATSCREEN INPUT/OUTPUT JACK
	TELEVISION CABLE OUTLET
	BLANK PLATE
	SMARTBOARD
	PROJECTOR PLATE
	FLOOR OUTLET - DUPLEX RECEPTACLE, TELEPHONE AND COMPUTER JACK
	MOTOR
	DISCONNECT SWITCH (FUSED OR NON-FUSED AS INDICATED ON DRAWING)
	FRACTIONAL HORSEPOWER MANUAL MOTOR STARTER/DISCONNECT
	COMBINATION MOTOR STARTER/DISCONNECT SWITCH
	MOTOR STARTER
	FRACTIONAL MOTOR STARTER
	POWER POLE
	JUNCTION BOX, HD INDICATES HAND DRYER, AF INDICATES AUTO FLUSH VALVE FAUSET
	PUSHBUTTON
	START/STOP STATION
	OVERHEAD DOOR OPERATOR (UP, DOWN AND STOP)
	WIRING CONCEALED ABOVE CEILING OR IN WALL, CROSS LINES INDICATE NUMBER OF #12 A.W.G. WIRES IN A 3/4\" data-bbox="45 1260 115 1270"/>
	WIRING CONCEALED BELOW GRADE OR FLOOR
	CIRCUIT HOME RUN WITH CIRCUIT NUMBER INDICATED
	NORMAL-EMERGENCY OR EMERGENCY ONLY BRANCH CIRCUIT WIRING
	HORIZONTAL AND VERTICAL SURFACE RACEWAY, REFER TO FLOOR PLANS FOR ADDITIONAL INFORMATION

T/M	TRANSFORMER
F	FIRE ALARM PULL STATION
WV #	WALL-MOUNTED AUDIO/VISUAL FIRE ALARM DEVICE. # INDICATES CANDELA RATING. WHERE NO NUMBER IS INDICATED, PROVIDE DEVICE WITH 15 CANDELA RATING.
VOV #	WALL-MOUNTED VISUAL-ONLY FIRE ALARM DEVICE. # INDICATES CANDELA RATING. WHERE NO NUMBER IS INDICATED, PROVIDE DEVICE WITH 15 CANDELA RATING.
B	FIRE ALARM BELL
C #	CEILING-MOUNTED AUDIO/VISUAL FIRE ALARM DEVICE. # INDICATES CANDELA RATING. WHERE NO NUMBER IS INDICATED, PROVIDE DEVICE WITH 15 CANDELA RATING.
VO #	CEILING-MOUNTED VISUAL-ONLY FIRE ALARM DEVICE. # INDICATES CANDELA RATING. WHERE NO NUMBER IS INDICATED, PROVIDE DEVICE WITH 15 CANDELA RATING.
A	CEILING-MOUNTED AUDIO ONLY FIRE ALARM DEVICE.
MD	SMOKE DETECTOR
HT	HEAT DETECTOR
DD	DUCT SMOKE DETECTOR
CO	CARBON MONOXIDE DETECTOR
FS	SPRINKLER SYSTEM FLOW SWITCH (BY OTHERS)
TS	SPRINKLER SYSTEM TAMPER SWITCH (BY OTHERS)
PS	SPRINKLER SYSTEM PRESSURE SWITCH (BY OTHERS)
RAC	RESCUE ASSISTANCE REMOTE CALL STATION
RAM	RESCUE ASSISTANCE MASTER STATION/ANNUNCIATOR PANEL
DB	DOORBELL
DD	DOOR HOLDER - FIRE ALARM SYSTEM
IAM	INDIVIDUAL ADDRESSABLE MODULE - FIRE ALARM SYSTEM
ZAM	ZONE ADDRESSABLE MODULE - FIRE ALARM SYSTEM
CZAM	CONTROL RELAY ZONE ADDRESSABLE MODULE - F/A SYSTEM
REX	REQUEST-TO-EXIT DETECTOR
CS	CLOCK, SPEAKER UNIT
C	WALL MOUNTED CLOCK
2 C	DOUBLE FACE CLOCK
CR	CORD REEL WITH 20A 120V OUTLET
U-E-O-E	EXISTING DEVICES TO REMAIN
U	MICROPHONE JACK - SOUND SYSTEM
S	PUBLIC ADDRESS/INTERCOM SPEAKER (FLUSH, CEILING-MOUNTED)
S	PUBLIC ADDRESS/INTERCOM SPEAKER (SURFACE, CEILING-MOUNTED)
SP	PUBLIC ADDRESS/INTERCOM SPEAKER (SURFACE, WALL-MOUNTED)
SP	PUBLIC ADDRESS/INTERCOM SPEAKER (FLUSH, WALL-MOUNTED)
V	PUBLIC ADDRESS/ INTERCOM VOLUME CONTROL
I	INTERCOM DOOR STATION
IM	INTERCOM MASTER STATION
M	MOTION DETECTOR - SECURITY SYSTEM
D	CEILING MOUNTED, 360° MOTION DETECTOR
M	DOOR MAGNET CONTACT - SECURITY SYSTEM
CV	SECURITY CAMERA
B	ALARM HORN - SECURITY SYSTEM
ES	ELECTRIC DOOR STRIKE
CR	CARD READER
K	KEY PAD
HP	PUSH PLATE
E	EMERGENCY OFF PUSH-BUTTON
K	EMERGENCY KILLSWITCH
A	NURSE CALL DOME LIGHT, "C" INDICATES CEILING MOUNTED
A	NURSE CALL AUXILIARY STATION
B	NURSE CALL CODE BLUE STATION
C	CALL CANCEL BUTTON
DS	DUTY STATION
E	EMERGENCY CALL STATION
PA	NURSE CALL PATIENT STATION W/ CODE BLUE AND STAFF ASSISTANCE
PF	NURSE CALL SINGLE PATIENT WALL-MOUNTED PUSH BUTTON STATION
PS	NURSE CALL PATIENT STATION W/ STAFF ASSISTANCE AND PILLOW SPEAKER
PA	NURSE CALL PATIENT STATION W/ STAFF ASSISTANCE
SA	NURSE CALL STAFF STATION W/ CODE BLUE
ND-DC	NURSE CALL DECENTRALIZED MINI-MASTER TOUCH STATION
ND-HE	NURSE CALL CONTROL STATION HEAD END
ND-M	NURSE CALL MASTER STATION
ND-TM	NURSE CALL FULL SIZED MASTER STATION
P	NURSE CALL PULL CORD STATION
PS	SLAVE SHOWER BATH STATION WITH PULL CORD
S	NURSE CALL STAFF STATION
SA	NURSE CALL STAFF ASSISTANCE STATION

ELECTRICAL ABBREVIATIONS	
A/a	AMPERE
A.F.F.	ABOVE FINISHED FLOOR
AFI	ARC FAULT INTERRUPTER RECEPTACLE
ARCH.	ARCHITECT
ATS	AUTOMATIC TRANSFER SWITCH
AUX.	AUXILIARY
A/V	AUDIO/VISUAL
AWG.	AMERICAN WIRE GAUGE
BEPs	BUILDING ENTRANCE PROTECTORS
BKR.	BREAKER
CKT.	CIRCUIT
CLG.	CEILING
COND.	CONDUIT
CT	COUNTERTOP
DISC.	DISCONNECT
DN	DOWN
DWG.	DRAWING
E.C.	ELECTRICAL CONTRACTOR
EM.	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EW	ELECTRIC WATER COOLER (PROVIDE GROUND FAULT PROTECTION)
EXIST./EX./E	EXISTING
F.A.	FIRE ALARM
G.C.	GENERAL CONTRACTOR
GEN.	GENERATOR
GFI	GROUND FAULT INTERRUPTER RECEPTACLE
GND.	GROUND
H.C.	HEATING CONTRACTOR
HD	HAND DRYER
HWH	HOT WATER HEATER
IDF	INTERMEDIATE DISTRIBUTION FRAME
MAX.	MAXIMUM
M.C.	MECHANICAL CONTRACTOR
MDF	MAIN DISTRIBUTION FRAME
MIN.	MINIMUM
MTD.	MOUNTED
NIE	NORMAL EMERGENCY
P	POLE
P.C.	PLUMBING CONTRACTOR
PNL.	PANEL
POTS	PLAIN OLD TELEPHONE SERVICE
PTZ	PAN, TILT, ZOOM
S.F.	SQUARE FEET
SW.	SWITCH
TR	TAMPER RESISTANT
TYP.	TYPICAL
UE	UNDERGROUND ELECTRIC
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLT
W/	WITH
W/O	WITHOUT
WG	WIRE GUARD
WP	WEATHERPROOF
XFMR	TRANSFORMER

EQUIPMENT TAG LEGEND	
NOTE: NOT ALL TAGS SHOWN ON THE LEGEND ARE USED ON THIS PROJECT.	
ACC X	AIR-COOLED CHILLER - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
ACU X	AIR-COOLED CONDENSER - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
AHU X	AIR HANDLING UNIT - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
ATC X	AUTOMATIC TEMPERATURE CONTROL DAMPER - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
B X	BOILER - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
BF X	BOOSTER FAN - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
CH X	CABINET HEATER - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
CHP X	CONSOLE HEAT PUMP - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
CP X	CONDENSATE PUMP - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
CT X	COOLING TOWER - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
CU X	CONDENSING UNIT - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
CV X	CONSTANT VOLUME BOX - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
DHU X	DEHUMIDIFICATION UNIT - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
DSS X	DUCTLESS SPLIT SYSTEM - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
ECH X	ELECTRIC CABINET HEATER - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
EDC X	ELECTRIC DUCT COIL - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
EF X	EXHAUST FAN - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
ER X	ELECTRIC RADIATION BY E.C.
ER X	ELECTRIC RADIATION BY E.C.
EH X	FUME HOOD - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
FPV X	FAN-POWERED VAV BOX - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
FTF X	FUEL TRANSFER PUMP - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
GF X	GAS FURNACE - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
GUR X	GAS-FIRED UNIT HEATER - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
H X	HUMIDIFIER - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
HP X	HEAT PUMP - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
HRI X	HEAT RECOVERY UNIT - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
IRR X	INFRARED HEATER - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
MAU X	MAKEUP AIR UNIT - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
P X	PUMP - SUPPLIED AND INSTALLED BY OTHERS, FINAL CONNECTION BY E.C.
PTAC X	PACKAGED THRU-WALL A/C UNIT - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
RF X	RETURN AIR FAN - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
RTU X	ROOFTOP UNIT - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
SF X	SUPPLY FAN - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
SS X	SPLIT SYSTEM - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
UH X	UNIT HEATER - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
UV X	UNIT VENTILATOR - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
VAV X	VARIABLE AIR VOLUME BOX - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
WH X	WALL HEATER - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
WHF X	WATER SOURCE HEAT PUMP - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.

	<h2 style="text-align: center;">ELECTRICAL GENERAL NOTES</h2>														
1.	UNLESS OTHERWISE INDICATED, WIRE SIZES SHALL BE AS FOLLOWS: 20A, 30A, 40A, 50A, 60A, 70A, 80A, 100A, ETC.														
2.	LIGHTING LOAD IS DIAGRAMMATIC. E. C. SHALL COORDINATE LIGHTS WITH ARCHITECTURAL, REFLECTED CEILING PLANS AND OTHER TRADES AND ADJUST AS REQUIRED.														
3.	E. C. SHALL REFER TO ELECTRICAL, INTERIOR AND EXTERIOR ELEVATIONS TO COORDINATE THE ELECTRICAL, DEVICE LOCATIONS, WHERE CONFLICTS OCCUR, CONTACT THE ARCHITECT FOR A MOUNTING HEIGHT AND LOCATION PRIOR TO ROUGHING IN.														
4.	THE E. C. SHALL COORDINATE THE INSTALLATION OF THE DOOR HARDWARE WITH THE O.C. TO INSURE THAT THE DOORS OPERATE PROPERLY. THE E. C. SHALL INCLUDE THE MAGNETIC LOCKS, MAGNETIC DOOR HOLDERS, SECURITY CONTACTS, FIRE DOOR OPERATORS, ETC. PROVIDE ANY NECESSARY INTERLOCKING DEVICES, INTERPOSING DEVICES, TAMPERS AND POWER FEED WIRING AS REQUIRED TO SUSTAIN THE INSTALLATION OR SYSTEM. PROVIDE POWER BRANCH CIRCUIT WIRING FOR ALL ELECTRIC DOOR STRIKES AS REQUIRED.														
5.	THE E. C. SHALL NOT INSTALL ANY CONDUITS WITHIN ANY OF THE ELEVATED FLOOR SLABS. ANY CONDUITS INSTALLED IN THE FLOOR SLAB ON GRADE SHALL BE INSTALLED IN THE STONE BASE AND NOT WITHIN THE CONCRETE.														
6.	GFI RECEPTACLES SHOWN ON DRAWINGS ARE NOT ALL-INCLUSIVE. E. C. SHALL PROVIDE GFI RECEPTACLES IN KITCHEN, SERVING AREAS, AND WHERE LOCATED WITHIN GFT OF SINK. GFI RECEPTACLES ARE REQUIRED FOR ALL RECEPTACLES, TAMPERS, TAMPERS, WEATHER-RESISTANT, AND GFI RECEPTACLES WHERE REQUIRED BY THE NEC FOR EACH RECEPTACLE LOCATION SHOWN ON THE DRAWINGS AND AS REQUIRED FOR BUILDING TYPE AND OCCUPANCY GROUP.														
7.	THE E. C. SHALL INCLUDE IN THE ELECTRICAL BID FOR THE POST-CONSTRUCTION ADJUSTMENT OF THE OCCUPANCY SENSORS AS DIRECTED BY THE ARCHITECT OR OWNER. THIS SHALL INCLUDE ADJUSTMENT OF THE TIME AND SENSITIVITY OF THE DEVICES, ALSO INCLUDE THE COST TO RELOCATE (2) SENSORS UP TO 25' IN ORDER TO ELIMINATE FALSE TRIPPING OF THE SENSORS.														
	<p>DEVICE MOUNTING HEIGHTS AS FOLLOWS:</p> <table border="0"> <tr> <td>RECEPTACLES</td><td>16" ABOVE FINISHED FLOOR TO CENTER OF BOX</td></tr> <tr> <td>3" GFI RECEPTACLES</td><td>3" ABOVE COUNTERTOP OR 1" ABOVE BACKSPLASH</td></tr> <tr> <td>SWITCHES</td><td>48" ABOVE FINISHED FLOOR TO TOP OF BOX</td></tr> <tr> <td>FIRE ALARM PULL STATIONS</td><td>THE OPERABLE PART (PULL HANDLE) OF EACH MANUAL FIRE ALARM BOX SHALL BE NOT LESS THAN 42" AND NOT MORE THAN 48" A.F.F.</td></tr> <tr> <td>PANELS</td><td>54" TO CENTERLINE</td></tr> <tr> <td>FIRE ALARM AUL UNITS</td><td>UNLESS OTHERWISE NOTED, ALL WALL-MOUNTED AUDIOVISUAL OR VISUAL-ONLY DEVICES SHALL BE MOUNTED SUCH THAT THE ENTIRE LINE IS NOT LESS THAN 80" AND NOT GREATER THAN 90" A.F.F.</td></tr> <tr> <td>WALL MOUNTED TELEPHONES</td><td>48" ABOVE FINISHED FLOOR TO TOP OF BOX</td></tr> </table>	RECEPTACLES	16" ABOVE FINISHED FLOOR TO CENTER OF BOX	3" GFI RECEPTACLES	3" ABOVE COUNTERTOP OR 1" ABOVE BACKSPLASH	SWITCHES	48" ABOVE FINISHED FLOOR TO TOP OF BOX	FIRE ALARM PULL STATIONS	THE OPERABLE PART (PULL HANDLE) OF EACH MANUAL FIRE ALARM BOX SHALL BE NOT LESS THAN 42" AND NOT MORE THAN 48" A.F.F.	PANELS	54" TO CENTERLINE	FIRE ALARM AUL UNITS	UNLESS OTHERWISE NOTED, ALL WALL-MOUNTED AUDIOVISUAL OR VISUAL-ONLY DEVICES SHALL BE MOUNTED SUCH THAT THE ENTIRE LINE IS NOT LESS THAN 80" AND NOT GREATER THAN 90" A.F.F.	WALL MOUNTED TELEPHONES	48" ABOVE FINISHED FLOOR TO TOP OF BOX
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OCCUPANCY SENSOR SCHEDULE					
SYMBOL	MANUFACTURER	MODEL #	COVERAGE AREA SQ. FT.	SENSOR TYPE	ADDITIONAL REMARKS
	WATTSTOPPER	WS-301	900	INFRARED	WALL MOUNTING
	WATTSTOPPER	DT-300	1000	DUAL TECHNOLOGY	360° CEILING MOUNTING

NOTES: DISABLE SMART SET TECHNOLOGY IN ALL SPACES.

**\*\*CONTRACTOR SHALL VERIFY LOCATIONS OF ALL OCCUPANCY SENSORS WITH MANUFACTURER PRIOR TO ROUGH-IN\*\***

LOW-VOLTAGE SYSTEMS RESPONSIBILITY MATRIX				
DEVICE	FURNISHED BY	INSTALLED BY	CABLING BY	CONDUIT/BACKBOX BY
WAP	OWNER	OWNER	OWNER	E.C.
SPEAKERS	OWNER	E.C.	E.C.	E.C.
CAMERAS	OWNER	OWNER	OWNER	E.C.

NOTE: ANY ITEM NOT SPECIFICALLY LISTED BUT IS SHOWN IN THE CONTRACT DOCUMENTS IS TO BE FURNISHED AND INSTALLED BY THE E.C.

BLACKNEY  
HAYES  
ARCHITECTS

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phone: 610.755.9404  
**CONTACT PERSON:** Alfred Howard

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**ACOUSTICS**  
Metropolitan Acoustics  
phone: 215.248.4352 x103  
CONTACT PERSON: Evelyn Savage

Project:  
MCIU Broadcast Studio  
Conversion

Project Address:  
2 W Lafayette Street Offices

Sheet Title:

# COVER SHEET - ELECTRICAL

Seal



DUTY TO INSPECT CONTRACT DOCUMENTS PRIOR

**TO STARTING WORK:**  
Any party who relies in part or whole on the content of these Construction Documents shall, before beginning any work, conduct a careful inspection of the complete set of Contract Documents, including all Drawings, Specifications, and Addenda, for completeness, conflicts, scope of work, and suitability for constructing the building. All parties relying on these documents represent that they have expertise in the area of their responsibility and are responsible for determining the scope of work, product requirements and code requirements and therefore are qualified to fully evaluate and interpret the contract documents. All parties relying on these documents must, prior to beginning work, submit all requests for clarifications and additional information to the Architect in writing. By signing and submitting this work, the undersigned hereby certifies that the documents are suitable for their intended purposes unless noted in specific written exception herebeforehand.

Warning: Actual conditions may vary from conditions shown on this drawing. Confirm all information in the field before proceeding with any work and notify the Architect in writing if a variation is discovered.

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Release		
Date	Comments	△
08.30.24	Issue for Progress Bid	1
10.15.24	Issue for Plan Review	2

[illegible]

BHA Job Number: 24-044

Scale: As indicated

Drawn By: DAN

Checked By: DAN

Approved By: DAN

Sheet No

E0.00

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Project:  
**MCIU Broadcast Studio Conversion**

Project Address:  
**2 W Lafayette Street Offices**

Sheet Title:  
**1ST FLOOR  
DEMOLITION PLAN -  
ELECTRICAL**



**DUTY TO INSPECT CONTRACT DOCUMENTS PRIOR TO STARTING WORK**  
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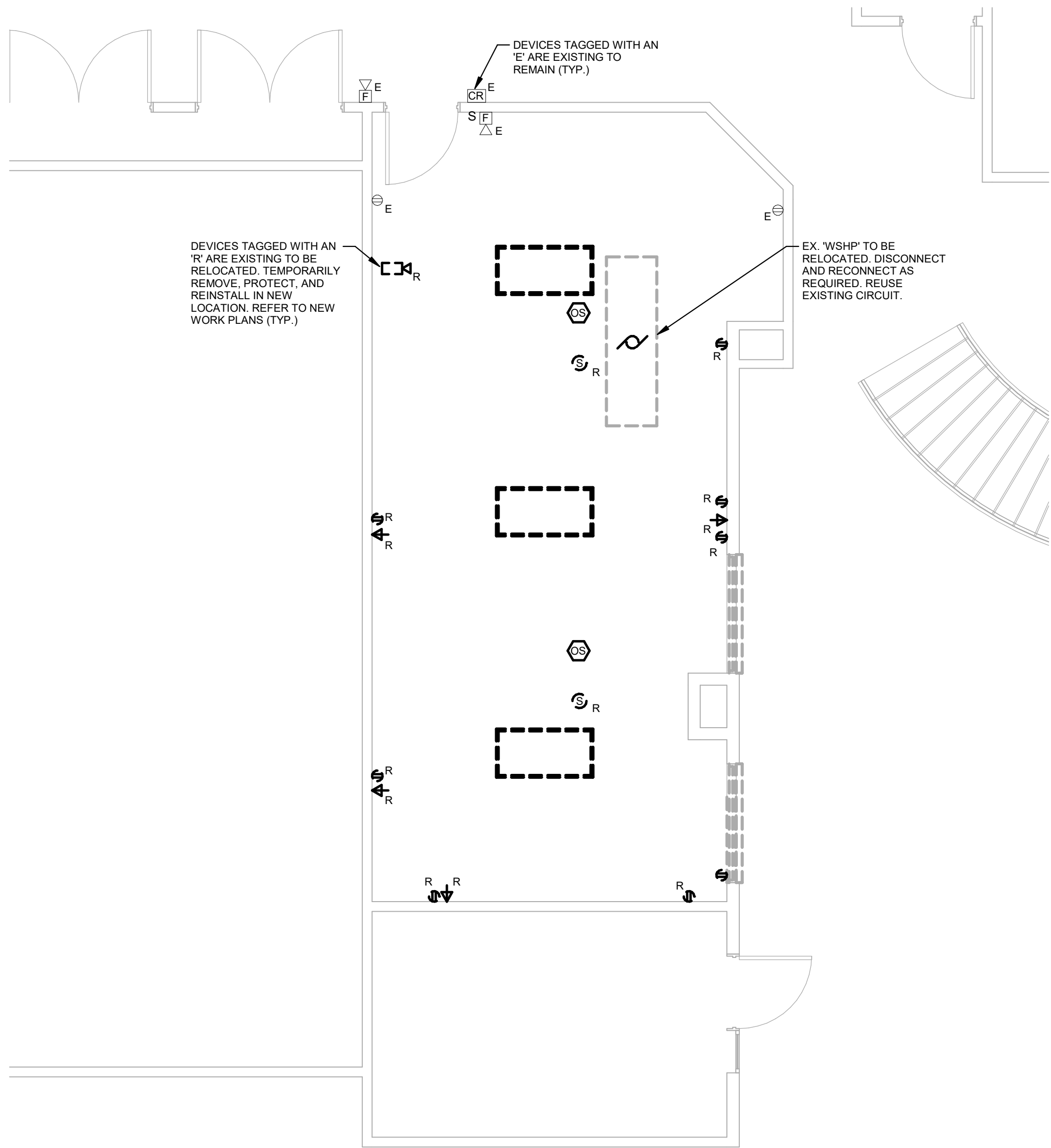
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Date	Comments	Δ
08.30.24	Issue for Progress Bid	1
10.15.24	Issue for Plan Review	2

BHA Job Number: 24-044  
Scale: As indicated  
Drawn By: DAN  
Checked By: DAN  
Approved By: DAN

Sheet No.  
**ED1.01**  
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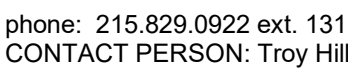
DEMOLITION NOTES	
1.	UNLESS OTHERWISE INDICATED OR NOTED, ALL ELECTRICAL ITEMS SHOWN ARE TO BE REMOVED. THIS REMOVAL INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING ITEMS: LIGHTING FIXTURES, RECEPTACLES, JUNCTION BOXES, VARIOUS LOW-VOLTAGE OUTLETS AND JACKS, AND ALL OTHER ELECTRICAL ITEMS SHOWN ON THIS DRAWING. THIS INCLUDES ANY ASSOCIATED BRANCH CIRCUIT OR LOW VOLTAGE WIRING BACK TO ITS SOURCE. THE E.C. IS ALSO RESPONSIBLE FOR THE REMOVAL OF MOUNTING DEVICES, HANGERS, ETC. ASSOCIATED WITH THIS EQUIPMENT.
2.	AN ATTEMPT HAS BEEN MADE TO SHOW ALL THE LIGHTING FIXTURES, RECEPTACLES, JUNCTION BOXES, VARIOUS LOW-VOLTAGE JACKS AND ALL OTHER ELECTRICAL ITEMS ON THE DEMOLITION DRAWINGS. HOWEVER, THE E.C. SHALL BE RESPONSIBLE FOR THE REMOVAL OF ANY AND ALL OF THESE COMPONENTS THAT EXIST IN THE FIELD AND ARE IN THE WAY OF THE NEW CONSTRUCTION.
3.	NO WIRING SHALL BE ABANDONED IN PLACE. IT SHALL BE REMOVED. ALL CONDUIT SHALL BE REMOVED EXCEPT WHERE IT IS BURED IN MASONRY WALLS AND IN OR BELOW FLOOR SLABS. IN THESE CASES CUT THE ENDS OF THE CONDUIT FLUSH WITH THE WALL OR FLOOR AND FILL WITH PATCHING MATERIALS TO MATCH ADJACENT SURFACES.
4.	THE E.C. SHALL BE RESPONSIBLE FOR RECONNECTING ANY EXISTING DEVICE WHICH IS TO REMAIN ENERGIZED AND HAS BEEN DISCONNECTED DUE TO THE DEMOLITION. PROVIDE ALL WIRING AND DEVICES NECESSARY TO RECONNECT.



1 1ST FLOOR DEMOLITION PLAN - ELECTRICAL  
1/4" = 1'-0"

ISSUE FOR PLAN REVIEW 10.15.24





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CONTACT PERSON: Shane Nipen

**ACOUSTICS**  
Metropolitan Acoustics  
phone: 215.248.4352 x103  
CONTACT PERSON: Evelyn Savage

LUMINAIRE SCHEDULE									
Type	Apparent Load	Manufacturer	Catalog Number	Mounting	Total Depth	No. of Lamps	Lamp Type	Voltage	Additional Remarks
A	102 VA	FOCAL POINT	FSMAL-LP-1000/L 927 65T-1C-UNV-GT L-220V-6500T	RECESSED	4.11"	1	LED	8000/L LED 2700K-6500T	4IN RECESSED LINEAR WITH 1% DALI DIMMING AND TUNABLE WHITE.
B	53 VA	CREE	C-TR-CP42L-35K WH	RECESSED	1.68"	1	LED	6125/L LED 3500K	2x4 ARCHITECTURAL TROFFER.
X	2 VA	SIGNTEX	ELXNB-1R-IN(OTE 1)-C-CL80-OM-ON AIR	UNIVERSAL	N/A	LED	LED	80V UNV	SINGLE FACE SIGN W/ SPECIAL LETTERING ON AIR.

NOTE: FINISHES AS SELECTED BY ARCHITECT AT TIME OF SHOP DRAWINGS. ASSUME PREMIUM FINISH

GENERAL NEW WORK NOTES:

1. REFER TO E.00 FOR LEGEND AND GENERAL NOTES.
2. NOT ALL WIRING SHOWN. PROVIDE ALL REQUIRED LOW-VOLTAGE, CONTROL, AND SWITCHING WIRING AS REQUIRED FOR A FULLY FUNCTIONAL SYSTEM.

**Project:**

# MCIU Broadcast Studio Conversion

Project Address:  
2 W Lafayette Street Offices

Sheet Title:

## 1ST FLOOR PLANS - ELECTRICAL

Seal



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Release

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BHA Job Number: 24-044

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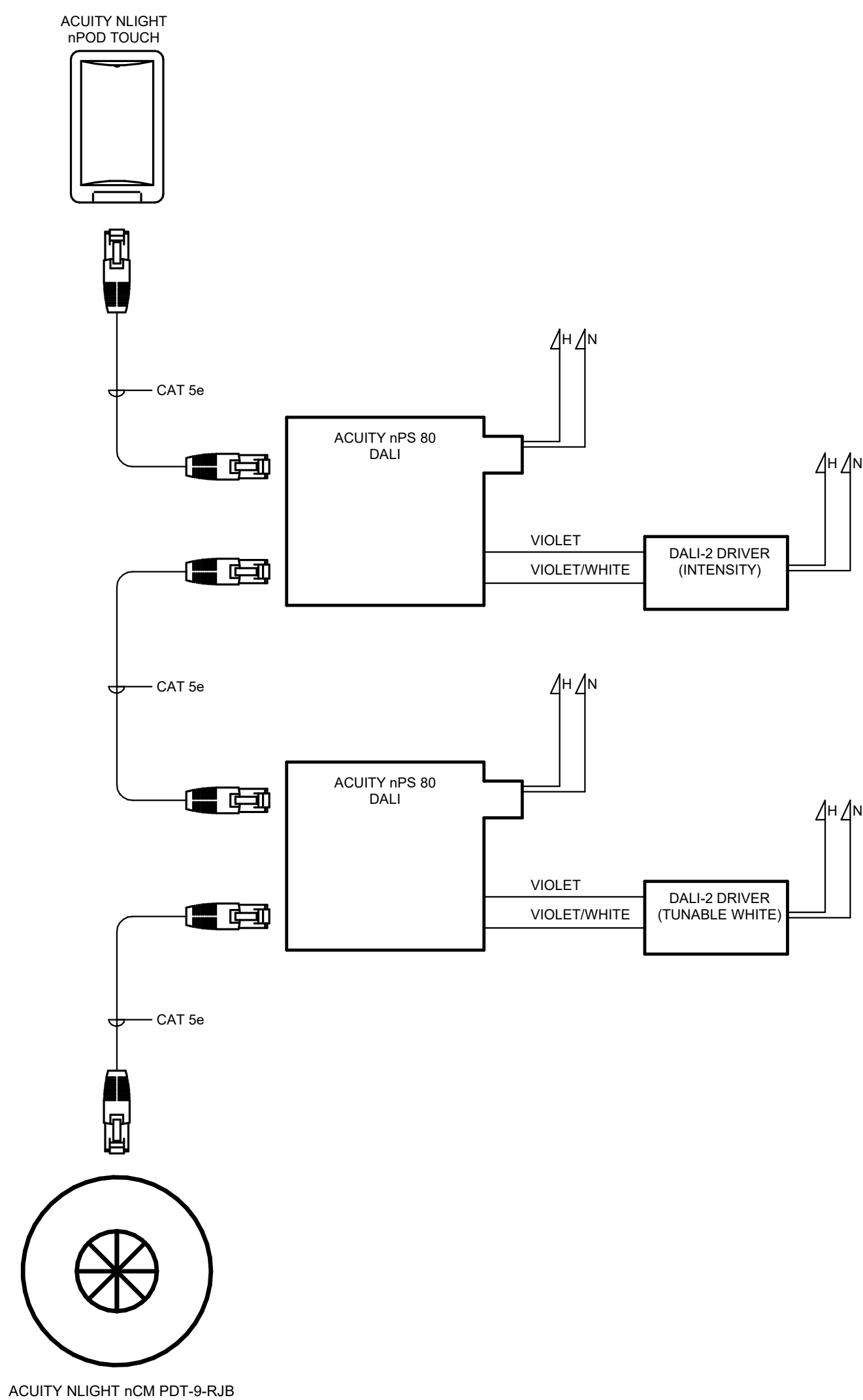
Checked By: DAN

Approved By: DAN

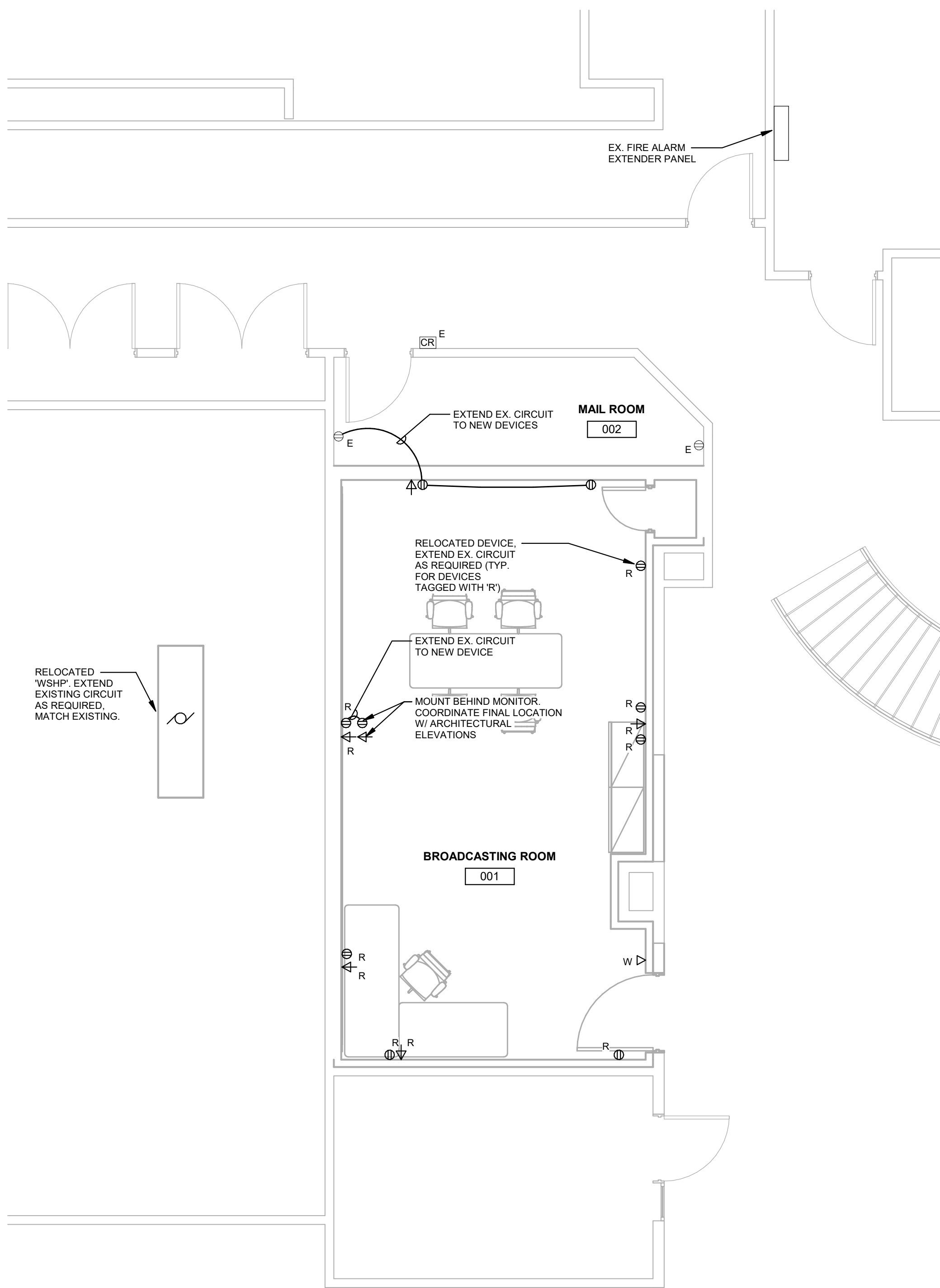
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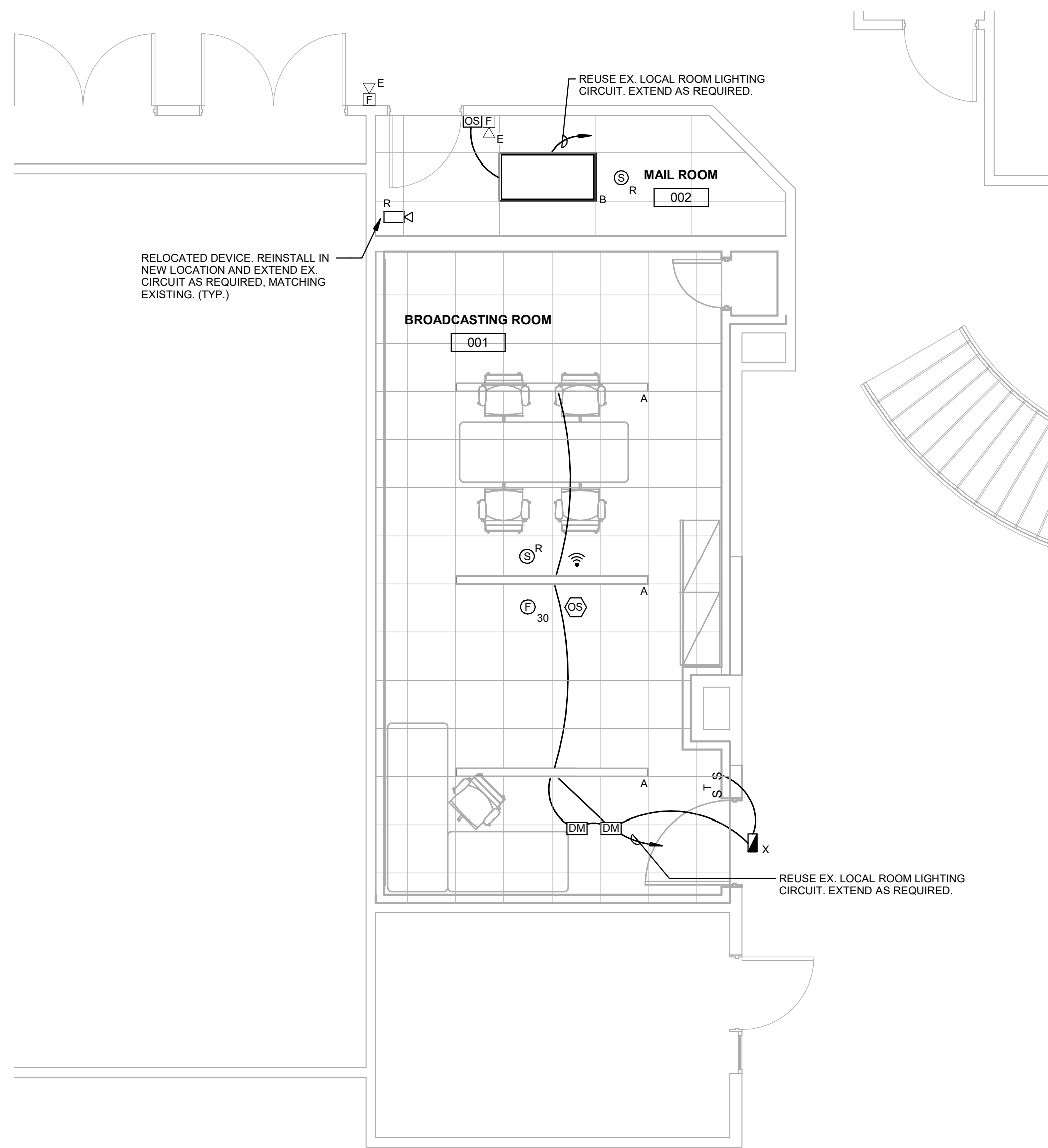
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4 TV STUDIO LIGHTING CONTROL DETAIL  
NO SCALE



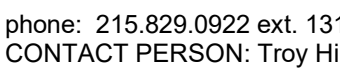
③ 1ST FLOOR PLAN - POWER  
1/4" = 1'-0"



① 1ST FLOOR PLAN - LIGHTING  
1/4" = 1'-0"

ISSUE FOR PLAN REVIEW 10.15.24





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Metropolitan Acoustics  
phone: 215.248.4352 x103  
CONTACT PERSON: Evelyn Savage

REFERENCED DESIGN STANDARDS	
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA 13	NATIONAL FIRE PROTECTION ASSOCIATION - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS; 2016 EDITION OR MOST RECENT EDITION ADOPTED BY AUTHORITY HAVING JURISDICTION, INCLUDING ALL APPLICABLE AMENDMENTS AND SUPPLEMENTS.
NFPA 14	NATIONAL FIRE PROTECTION ASSOCIATION - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS; 2016 EDITION OR MOST RECENT EDITION ADOPTED BY AUTHORITY HAVING JURISDICTION, INCLUDING ALL APPLICABLE AMENDMENTS AND SUPPLEMENTS
NFPA 20	NATIONAL FIRE PROTECTION ASSOCIATION - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION; 2016 EDITION OR MOST RECENT EDITION ADOPTED BY AUTHORITY HAVING JURISDICTION, INCLUDING ALL APPLICABLE AMENDMENTS AND SUPPLEMENTS
NFPA 24	NATIONAL FIRE PROTECTION ASSOCIATION - STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES; 2016 EDITION OR MOST RECENT EDITION ADOPTED BY AUTHORITY HAVING JURISDICTION, INCLUDING ALL APPLICABLE AMENDMENTS AND SUPPLEMENTS
NFPA 101	NATIONAL FIRE PROTECTION ASSOCIATION - 2018 EDITION OR CODE FOR MEANS OF EGRESS, LIFE SAFETY IN BUILDINGS AND STRUCTURES; MOST RECENT EDITION ADOPTED BY AUTHORITY HAVING JURISDICTION, INCLUDING ALL APPLICABLE AMENDMENTS AND SUPPLEMENTS.

FIRE PROTECTION DESIGN LEGEND	
1	Sprinkler system Design Density for rooms indicated shall be based on "Light Hazard" classification. Maximum sprinkler coverage shall be 225 square feet per head, unless noted otherwise.
2	Sprinkler system Design Density for rooms indicated shall be based on "Ordinary Hazard 1" classification. Maximum sprinkler coverage shall be 130 square feet per head, unless noted otherwise.
3	Sprinkler system Design Density for rooms indicated shall be based on "Ordinary Hazard 2" classification. Maximum sprinkler coverage shall be 130 square feet per head, unless noted otherwise.
4	This Contractor shall coordinate sprinkler head and piping with all other trades prior to installation. Coordination shall also provide additional heads and supply pipe required for proper sprinkler coverage both above and below HVAC duct work, suspended units, etc. over 48" in width. Coordinate in field (NFPA 5-5.5.3.1).

## FIRE PROTECTION DEMOLITION - GENERAL NOTES

Existing sprinkler heads and associated branch/supply piping to be removed in its entirety, as indicated by plans or required by scope of work. Contractor shall verify location of all branch piping and all riser head. Removal shall not be to the existing or only the piping on the demolition plans. Contractor shall verify all conditions. Contractor shall notify architect / engineer of any piping not shown on drawings prior to removal. Contractor shall be responsible for the removal of all piping until new piping, equipment, etc. is installed and tested and necessary temporary connections are installed, tested and operational.

Equipment and piping locations, quantity and conditions are approximate. Contractor shall verify all conditions, locations and quantities prior to bid. These demolition drawings are intended to show the location of the existing system components. Not all conditions and conditions have been identified on these drawings.

All existing Fire Protection sprinkler and standpipe systems (within the project scope of work and ancillary systems outside the project scope of work) shall remain functional for as long as required, until replaced with new, or reworked as required (see new work plans). Contractor may provide temporary connections and/or temporary piping in order to keep systems functioning properly and to eliminate the need for complete system drainage everytime work is performed on the existing system. All temporary isolation valves shall be removed at project completion or have handles removed and turned over to the Owner. Contractor shall provide fire watch or other fire prevention measures as required by the local AUA and the Owner's insurance carrier during any periods where the existing system is deactivated to perform demolition or new connections at all times. The contractor shall be aware that some work may be required to be performed after hours, weekends, or during vacation breaks. All demolition work shall be performed with the Owner's written limit conditions and shall be in accordance with the workday schedule for this facility. Any demolition work done by the Contractor, which affects the operation of this facility shall be replaced with new, repaired to original conditions or replaced by temporary means for however long as required, at no additional cost to the owner.

The demolition plans are a general guide only. They are included to assist the contractor and do not include all work to be removed.

The Contractor is responsible for removal of all existing materials etc. in the way of any new work, as indicated on the drawings.

Contractor is responsible for protecting existing materials, equipment and finishes that are to remain.

Contractor shall remove all items, fixtures, equipment that are to remain but conflict with the installation of any new work. The Contractor shall re-install the same items (or new if damaged during this task) once new work is completed.

Contractor shall remove all of his demolition debris on a daily basis from all interior renovated areas as directed by the architect / owner.

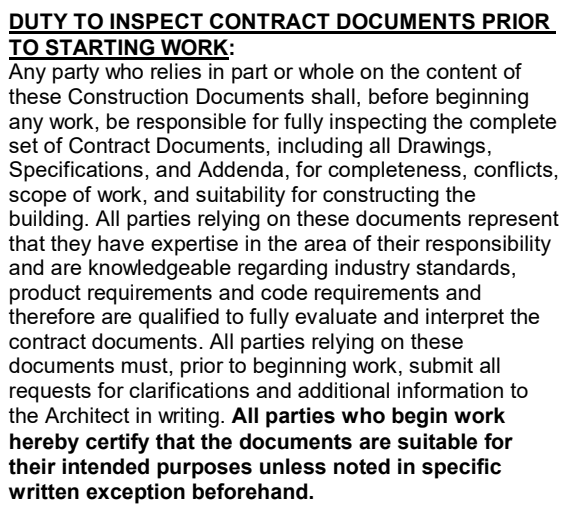
Where existing piping branches, laterals, etc. are called to be removed, the existing piping must be capped/capped permanently with a cap of same material.

The owner reserves the rights to all removed equipment, materials, etc. The contractor shall remove them from the site in an appropriate manner. Coordinate with Owners representative in field.

Project Address:  
2 W Lafayette Street Offices

Sheet Title:

## See



Warning: Actual conditions may vary from conditions shown on this drawing. Confirm all information in the field before proceeding with any work and notify the Architect in writing if a variation is discovered.

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BHA Job Number: 24-044

**Scale:**

Drawn By:

Checked B

Approved By

Sheet No.

**1**

**L**

11 0.0

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phone: 215.829.0922 ext. 131  
CONTACT PERSON: Troy Hill

## OWNER

MCIU  
phone: 610.755.9404  
CONTACT PERSON: Alfred Howard

## MEP

Snyder Hoffman Associates, Inc.  
phone: 610.694.8020  
CONTACT PERSON: Shane Nipper

## ACOUSTICS

Metropolitan Acoustics  
phone: 215.248.4352 x103  
CONTACT PERSON: Evelyn Savage

1 1ST FLOOR DEMOLITION PLAN - FIRE PROTECTION  
1/4" = 1'-0"

③ 1ST FLOOR PLAN - FIRE PROTECTION  
1/4" = 1'-0"

**Project:**

# MCIU Broadcast Studio Conversion

Project Address:  
2 W Lafayette Street Offices

Sheet Title:

## 1ST FLOOR PLANS - FIRE PROTECTION

Seal



### DUTY TO INSPECT CONTRACT DOCUMENTS PRIOR

**TO STARTING WORK:**  
Any party who relies in part or whole on the content of these Construction Documents shall, before beginning construction, conduct a thorough inspection of the complete set of Contract Documents, including all Drawings, Specifications, and Addenda, for completeness, conflicts of scope of work, and suitability for constructing the building. All parties relying on these documents represent and warrant that they have read and understand the documents that they have expertise in the area of their responsibility. The parties acknowledge that they are bound by the standards, product requirements and code requirements and therefore are qualified to fully evaluate and interpret the contract documents. All parties relying on these documents must, prior to beginning work, submit all requests for clarifications and additional information to the Architect in writing. The parties hereby agree and jointly and severally hereby certify that the documents are suitable for their intended purposes unless noted in specific written exception beforehand.

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Release

[illegible]

BHA Job Number: 24-044

Scale:  $1/4" = 1'-0"$

Drawn By: RAP

Checked By: KJF

Approved By: SEN

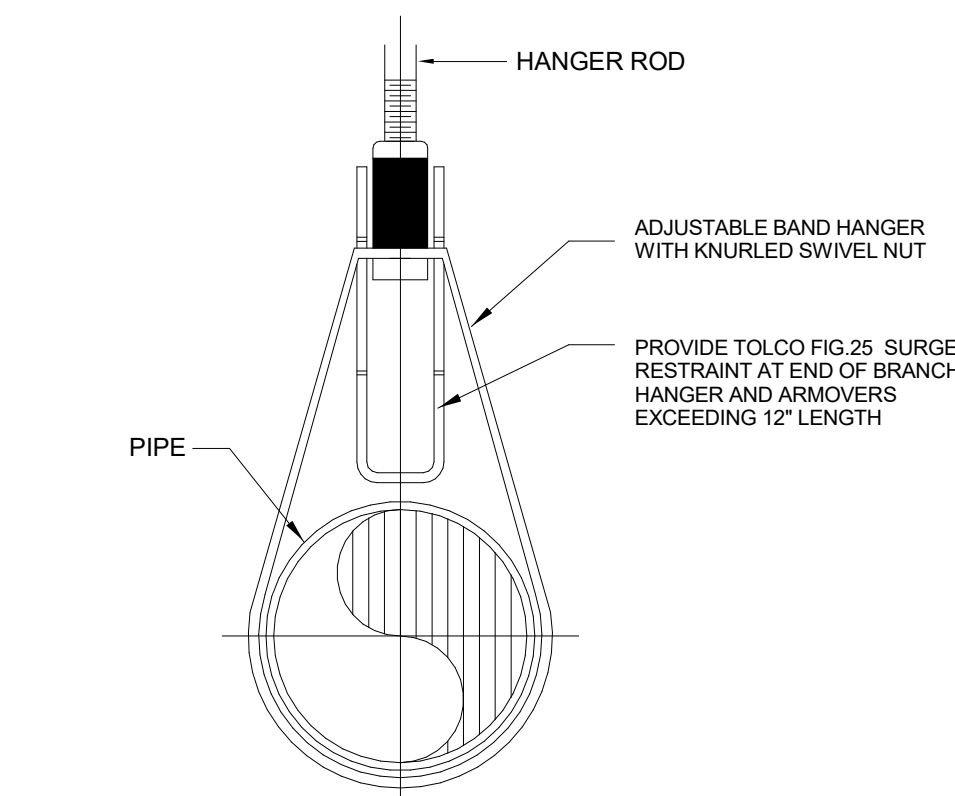
Sheet No.

# FP1.01

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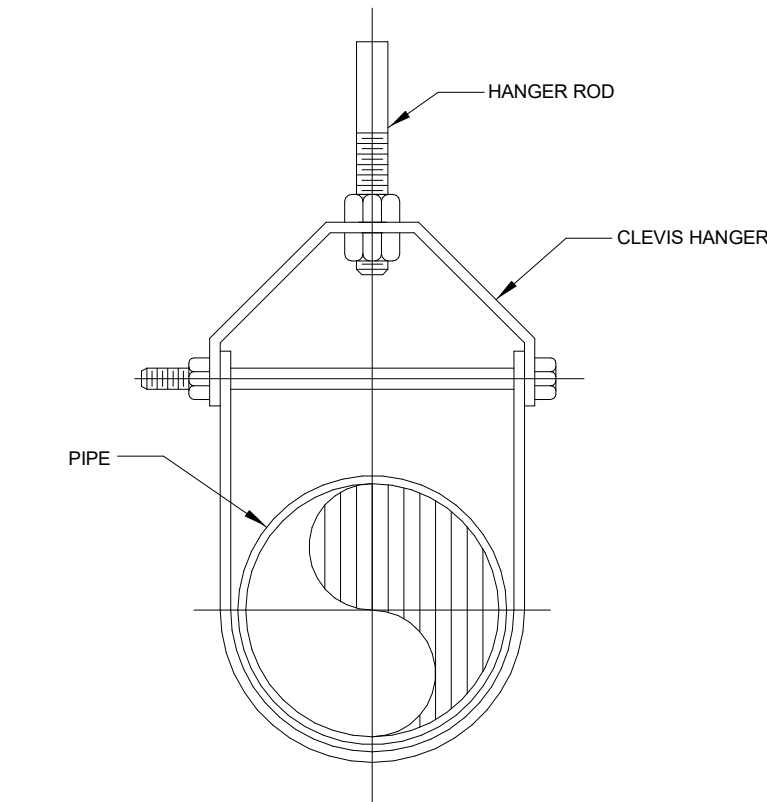
ISSUE FOR PLAN REVIEW 10.15.24





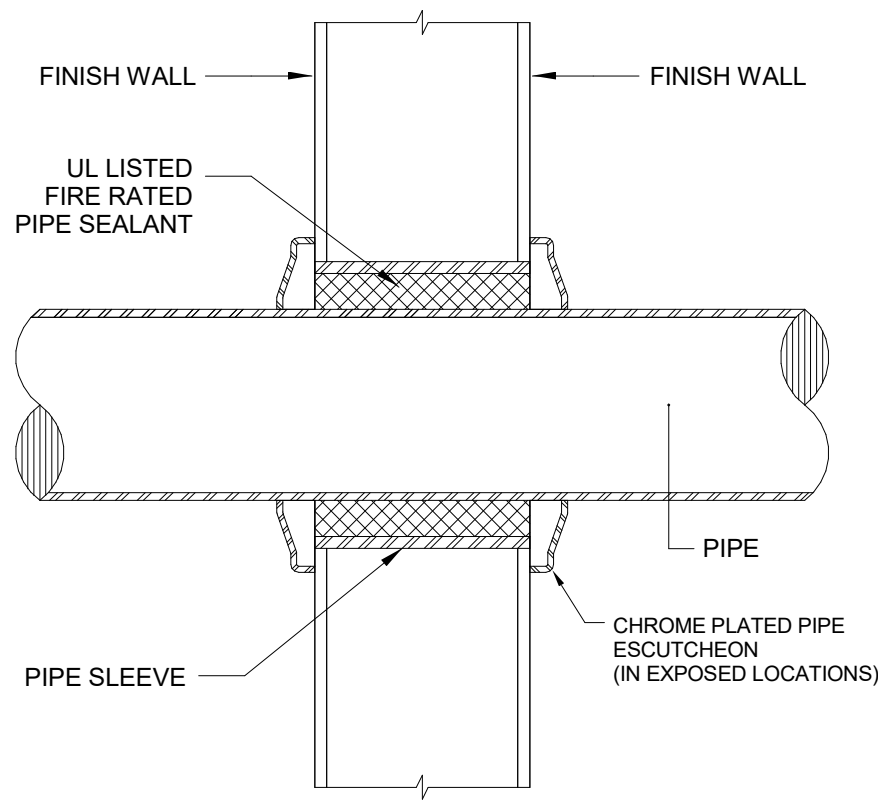
Typical Adjustable Band Hanger Detail -  
Fire Protection Piping

Scale: None



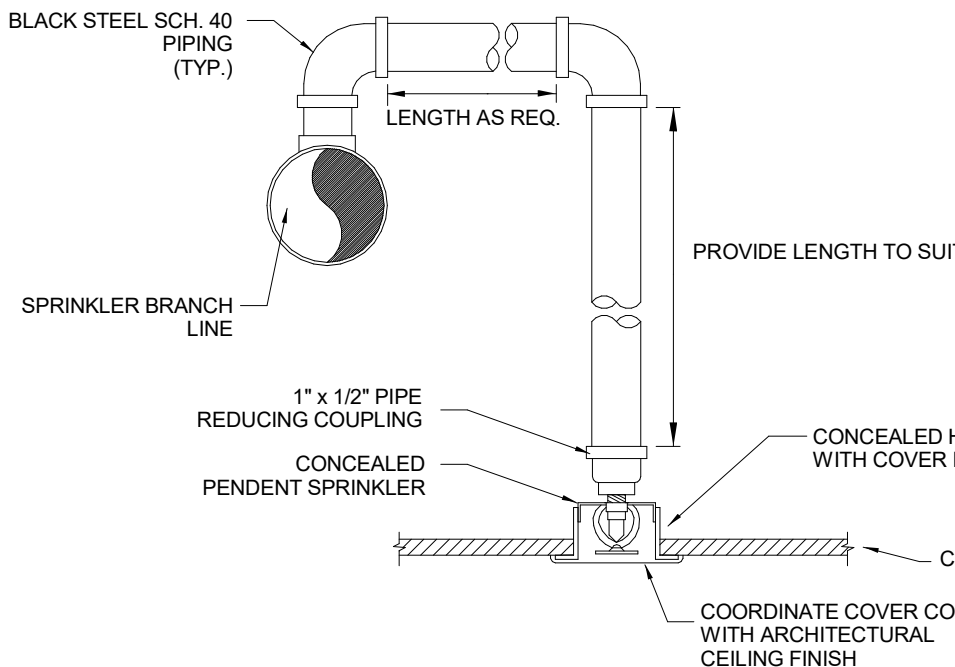
Typical Clevis Hanger Detail

Scale: None



Pipe Sleeve Through Wall Detail

Scale: None

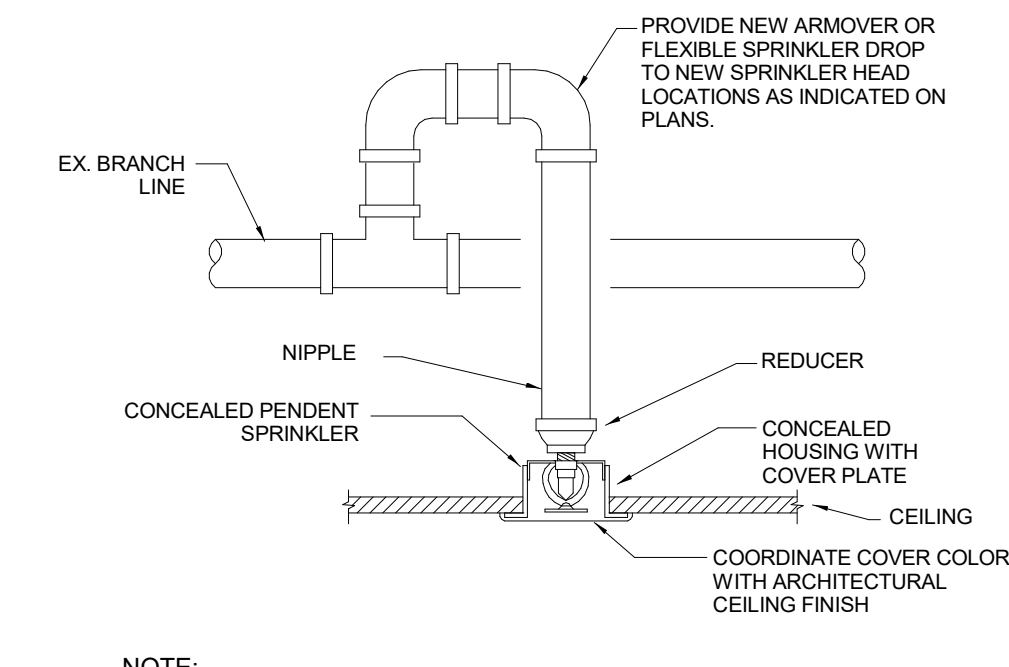


NOTES:

1. ADJUST SPRINKLER DROPS AS NECESSARY TO CLEAR OBSTRUCTIONS SUCH AS CEILING 1" BAR SUSPENSION SYSTEM, LIGHT FIXTURES, ETC. PROVIDE A PIPE HANGER IF THE HORIZONTAL OFFSET LENGTH EXCEEDS 24 INCHES.

Typical Sprinkler Pipe Drop Detail  
w/ Concealed Pendent Sprinkler Head

Scale: None

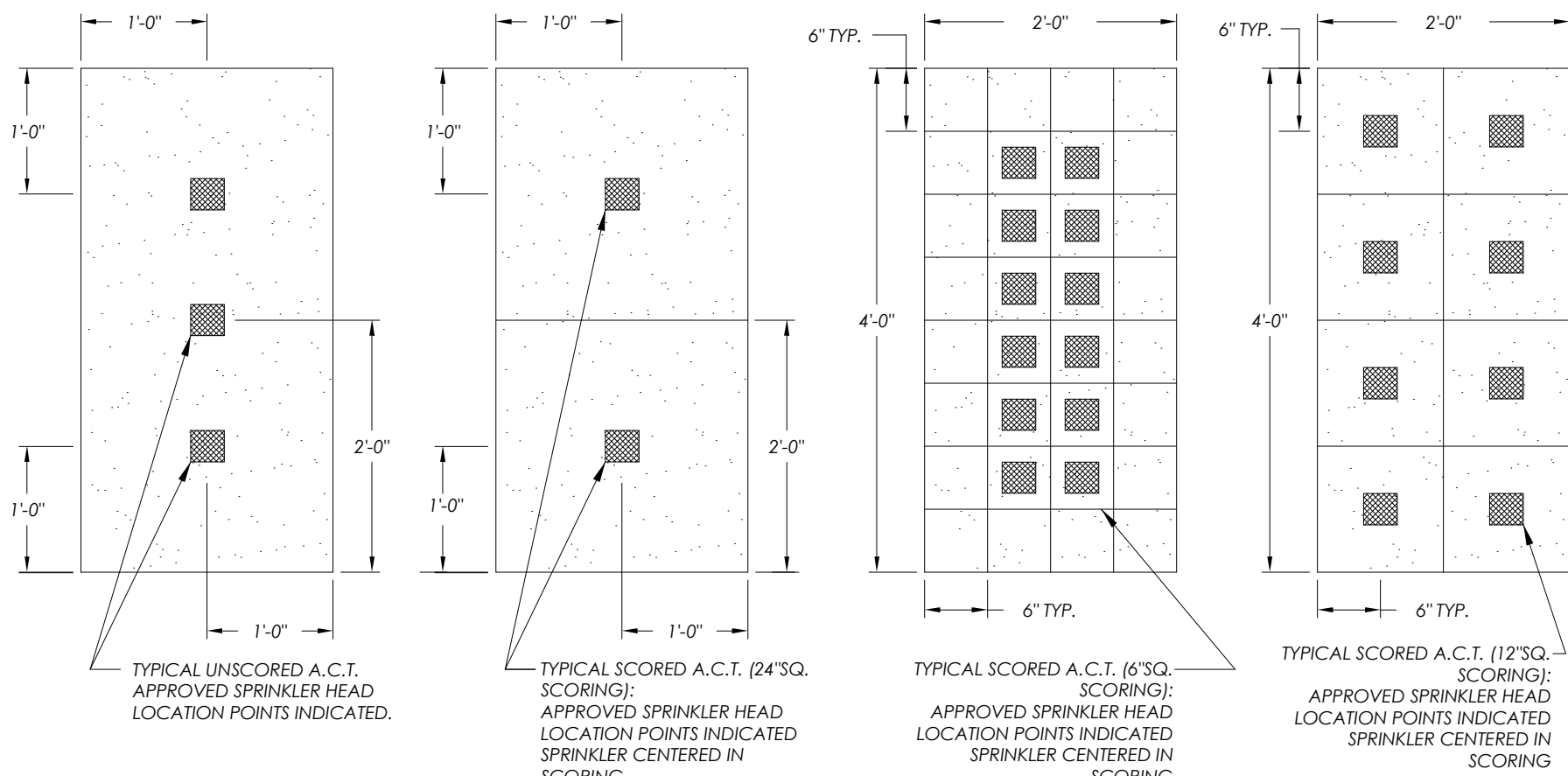


NOTE:

POSITION OF SPRINKLER HEADS WITH RESPECT TO COMBUSTIBLE AND NON-COMBUSTIBLE CONSTRUCTION, STRUCTURAL MEMBERS, ETC. SHALL BE IN ACCORDANCE WITH NFPA #13.

Typical Concealed Pendent Sprinkler Head  
w/Connection to Existing

Scale: None



Typical A.C.T. Panel Approved Sprinkler Penetration Points

NO SCALE

Project:  
MCIU Broadcast Studio  
Conversion

Project Address:  
2 W Lafayette Street Offices

Sheet Title:  
DETAILS &  
SPECIFICATIONS -  
FIRE PROTECTION

Seal



DUTY TO INSPECT CONTRACT DOCUMENTS PRIOR TO STARTING WORK

Any party who relies in part or whole on the content of these Construction Documents shall, before beginning any work, be responsible for fully inspecting the complete set of Contract Documents, including all Drawings, Specifications, and Addenda, for completeness, conflicts, scope of work, and suitability for constructing the building. All parties relying on these documents represent that they have expertise in the area of their responsibility and are knowledgeable regarding industry standards, product requirements and code requirements and therefore are qualified to fully evaluate and interpret the contract documents. All parties relying on these documents must, prior to beginning work, submit all requests for clarifications and additional information to the Architect in writing. All parties who begin work hereby certify that the documents are suitable for their intended purposes unless noted in specific written exception beforehand.

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Release		
Date	Comments	Δ
08.30.24	Issue for Progress Bid	1
10.15.24	Issue for Plan Review	2

BHA Job Number:	24-044
Scale:	
Drawn By:	RAP
Checked By:	KJF
Approved By:	SEN
Sheet No.	

FP6.01