

# 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 BID	08.30.24
ISSUE FOR PLAN REVIEW	10.15.24

### ACOUSTICS

Metropolitan Acoustics  
1628 John F Kennedy Blvd, #1902, Philadelphia, PA 19103  
phone: 215.248.4352 x103  
CONTACT PERSON: Evelyn Savage

### MEP

Snyder Hoffman  
1005 W Lehigh St, Bethlehem, PA 18018  
phone: 610.694.8020  
CONTACT PERSON: Shane Niper

### ARCHITECT

Blackney Hayes Architects  
600 Chestnut St, Suite 1200  
Philadelphia, PA 19106  
phone: 215.829.0922 ext. 131  
CONTACT PERSON: Troy Hill

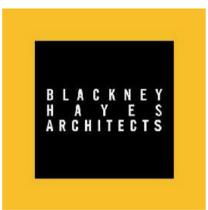
### OWNER

MCIU  
2 W Lafayette St, Norristown, PA 19401  
phone: 610-755-9404  
CONTACT PERSON: Alfred Howard



REQUIRED OCCUPANCY					
FUNCTION OF SPACE (PER 2018 IBC 1004.5)	KEY	NAME	AREA	LOAD FACTOR	OCCUPANT LOAD
1ST FLOOR					
(none)		Area	9 SF		
EDUCATIONAL - VOCATION	EV	BROADCASTING STUDIO	403 SF	50 SF	8
1ST FLOOR					8
TOTAL BUILDING:					8

CODE PLAN LEGEND	
SMOKE PARTITION	
1/2 HOUR RATED PARTITION	
1 HOUR RATED PARTITION	
2 HOUR RATED PARTITION	
3 HOUR RATED PARTITION	
EGRESS PATH	
ACCESSIBLE ROUTE	
FIRE EXTINGUISHER	
EXIT SIGN	
RATED DOOR TAG (MINUTES)	
EGRESS TAGS	
ELEMENT WIDTH IN INCHES	
POSTED LOAD	
ALLOWABLE LOAD	



phone: 215 829 0922 ext. 131  
CONTACT PERSON: Troy Hill

**OWNER**  
MCIU  
phone: 610-755-9404  
CONTACT PERSON: Alfred Howard

**MEP**  
Snyder Hoffman  
phone: 610-694-8020  
CONTACT PERSON: Shane Niper

**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:  
**1ST FLOOR LIFE SAFETY PLAN**



**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.

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.

This drawing is not to be copied or transmitted in any form without the express written authorization of Blackney Hayes Architects. All ideas and concepts depicted or suggested in this drawing are the property of Blackney Hayes Architects.

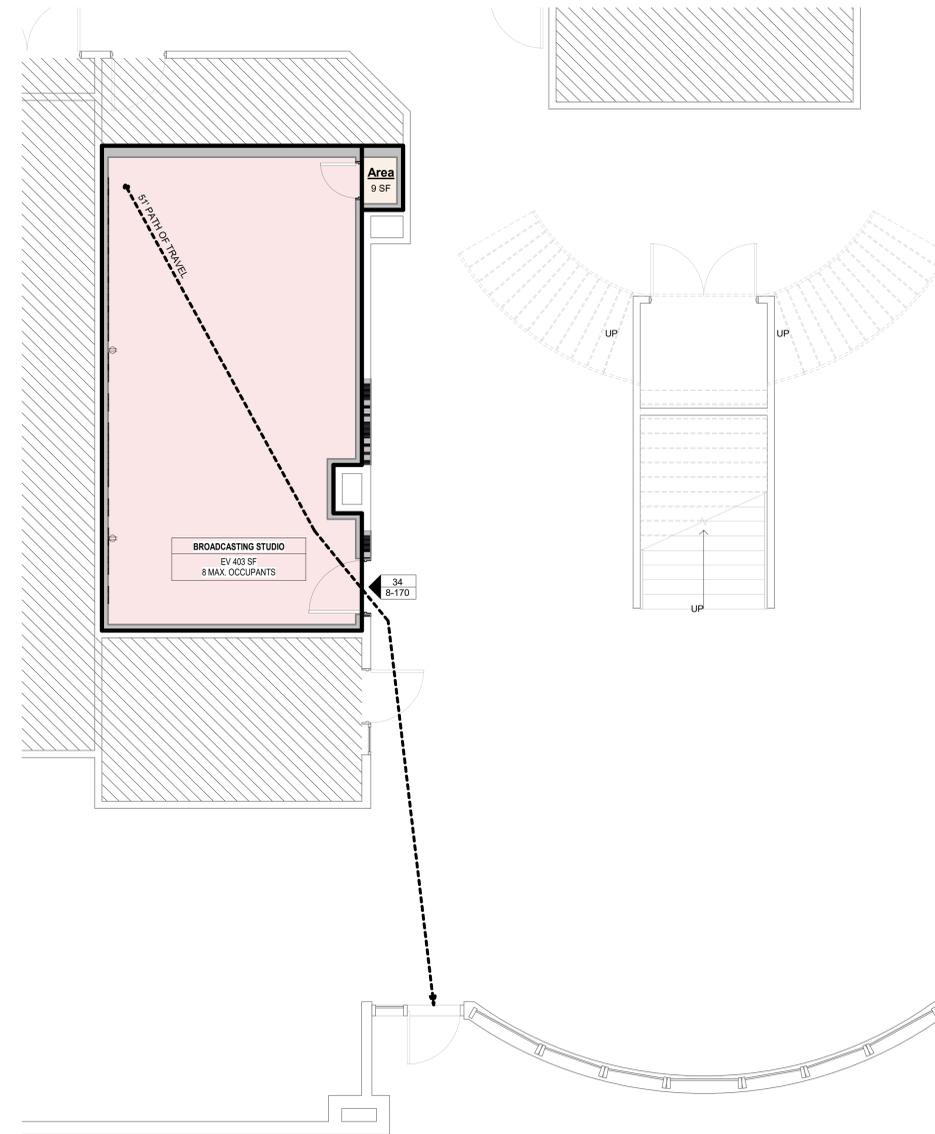
Date	Comments	△
08.12.24	ISSUE FOR REVIEW	1
08.30.24	ISSUE FOR PROGRESS	2
	BID	
10.15.24	ISSUE FOR PLAN REVIEW	3

BHA Job Number: 24-044  
Scale: As indicated  
Drawn By: EB  
Checked By: MB  
Approved By: TH

Sheet No.

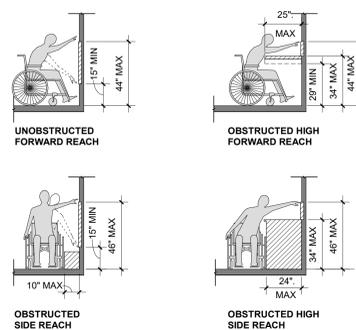
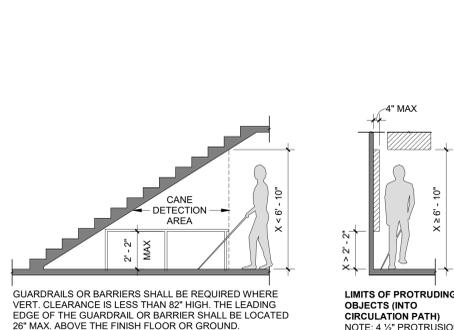
**G1.01**

© Copyright 2024 Blackney Hayes Architects

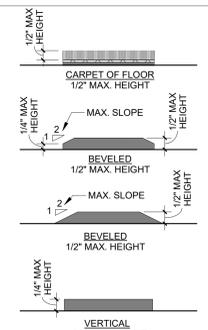


1 1ST FLOOR LIFE SAFETY PLAN  
1/4" = 1'-0"

**OBSTRUCTIONS AND REACH RANGES**

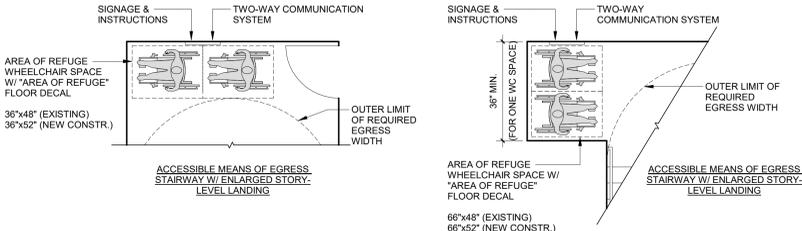


**CHANGES IN FLOOR LEVEL / THRESHOLDS**



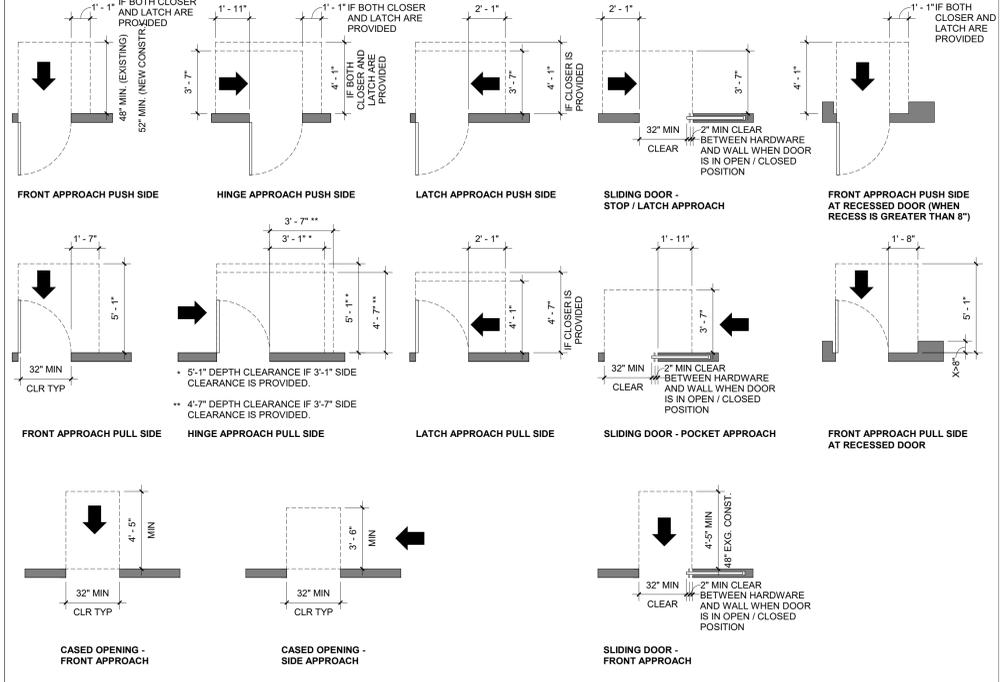
**AREA OF REFUGE (AOR) REQUIREMENTS**

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

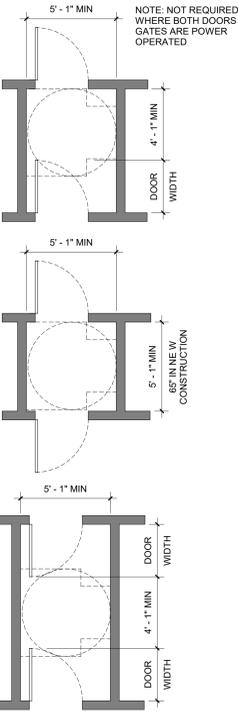


**MANEUVERING CLEARANCES AT DOORWAYS**

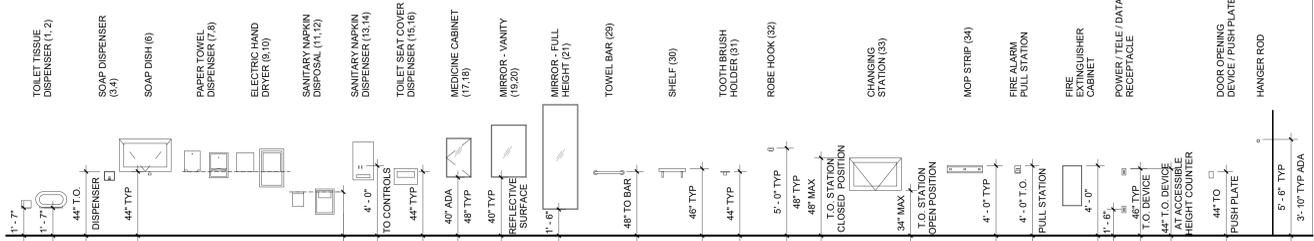
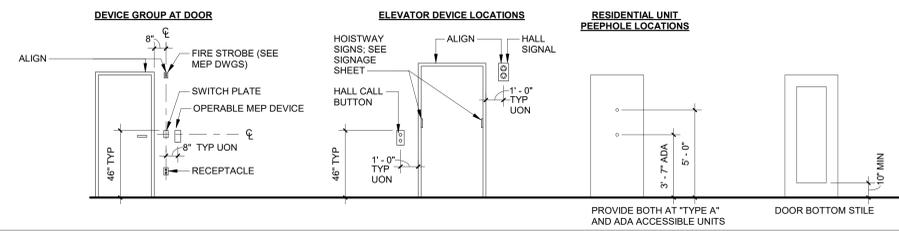
NOTE: FLOOR SLOPE WITHIN REQUIRED CLEARANCES NOT TO EXCEED 1:48



**MANEUVERING CLEARANCES AT DOORS / GATES IN SERIES**



**MOUNTING HEIGHTS & SIGNAGE OF DEVICES**



**GENERAL NOTES**

- ACCESSIBILITY CLEARANCES SHOWN HERE MEET OR EXCEED THE FOLLOWING STANDARDS:  
- ANSIA117.1  
- AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG)  
- UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS)  
- FAIR HOUSING ACT (FHA)
- 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
- "HOLD" DIMENSIONS INDICATE EXACT MEASUREMENT; NO DEVIATION OR TOLERANCE IS ALLOWABLE.
- DOOR HARDWARE OPERATION SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST, NOR REQUIRE MORE THAN 5 LBS OF OPERATIONAL FORCE.
- DIMENSIONS SHOWN ARE TO FINISH FACE OF PARTITION / BUILDING ELEMENT. CONTRACTOR TO COORDINATE PARTITION FRAMING ACCORDINGLY.



phone: 215.829.0922 ext. 131  
CONTACT PERSON: Troy Hill

OWNER  
MCIU  
phone: 610.755.9404  
CONTACT PERSON: Alfred Howard

MEP  
Snyder Hoffman  
phone: 610.694.8020  
CONTACT PERSON: Shane Niper

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

Project:  
**MCIU Broadcast Studio Conversion**

Project Address:  
2 W Lafayette Street Offices

**ACCESSIBILITY STANDARDS**



**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.

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.

This drawing is not to be copied or transmitted in any form without the express written authorization of Blackney Hayes Architects. All ideas and concepts depicted or suggested in this drawing are the property of Blackney Hayes Architects.

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

Scale: As indicated

Drawn By: EB

Checked By: MB

Approved By: TH

Sheet No.

**G2.00**





phone: 215 829 0922 ext. 131  
CONTACT PERSON: Troy Hill

**OWNER**  
MCIU  
phone: 610-755-9404  
CONTACT PERSON: Alfred Howard

**MEP**  
Snyder Hoffman  
phone: 610 694 8020  
CONTACT PERSON: Shane Niper

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

LIGHTING SCHEDULE	
L1 ITEM NAME: LINEAR DOWNLIGHT REFER TO ELECTRICAL DRAWINGS FOR SPECIFICATIONS.	L2 ITEM NAME: "ON AIR" SIGN LIGHT REFER TO ELECTRICAL DRAWINGS FOR SPECIFICATIONS.

RCP LEGEND	
◦	RECESSED DOWNLIGHT
▣	PENDANT LIGHT
■	2X2 TROFFER
—	LINEAR SLOT
⊗	SUPPLY DIFFUSER
⊘	RETURN GRILLE
•	SPRINKLER
S	SWITCH
S	SWITCH - DIMMER
S	SWITCH - 3-WAY
A XX' - XX'	CEILING TAG CEILING HEIGHT CEILING TYPE
TYPE DESCRIPTION	
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 ELEVATION.
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 AT 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.

Project:  
**MCIU Broadcast Studio Conversion**

Project Address:  
2 W Lafayette Street Offices

Sheet Title:  
**1ST FLOOR PLAN**



**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.

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.

This drawing is not to be copied or transmitted in any form without the express written authorization of Blackney Hayes Architects. All ideas and concepts depicted or suggested in this drawing are the property of Blackney Hayes Architects.

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  
Scale: As indicated  
Drawn By: Author  
Checked By: MB  
Approved By: TH

Sheet No.  
**A1.01**

© Copyright 2024 Blackney Hayes Architects



IMAGE 2: UNSEALED PIPING

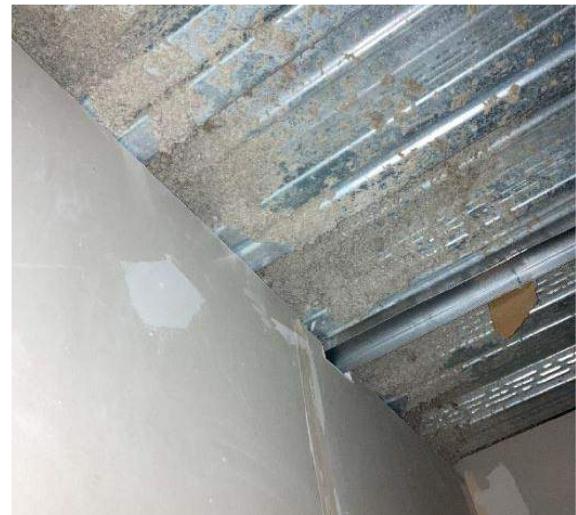
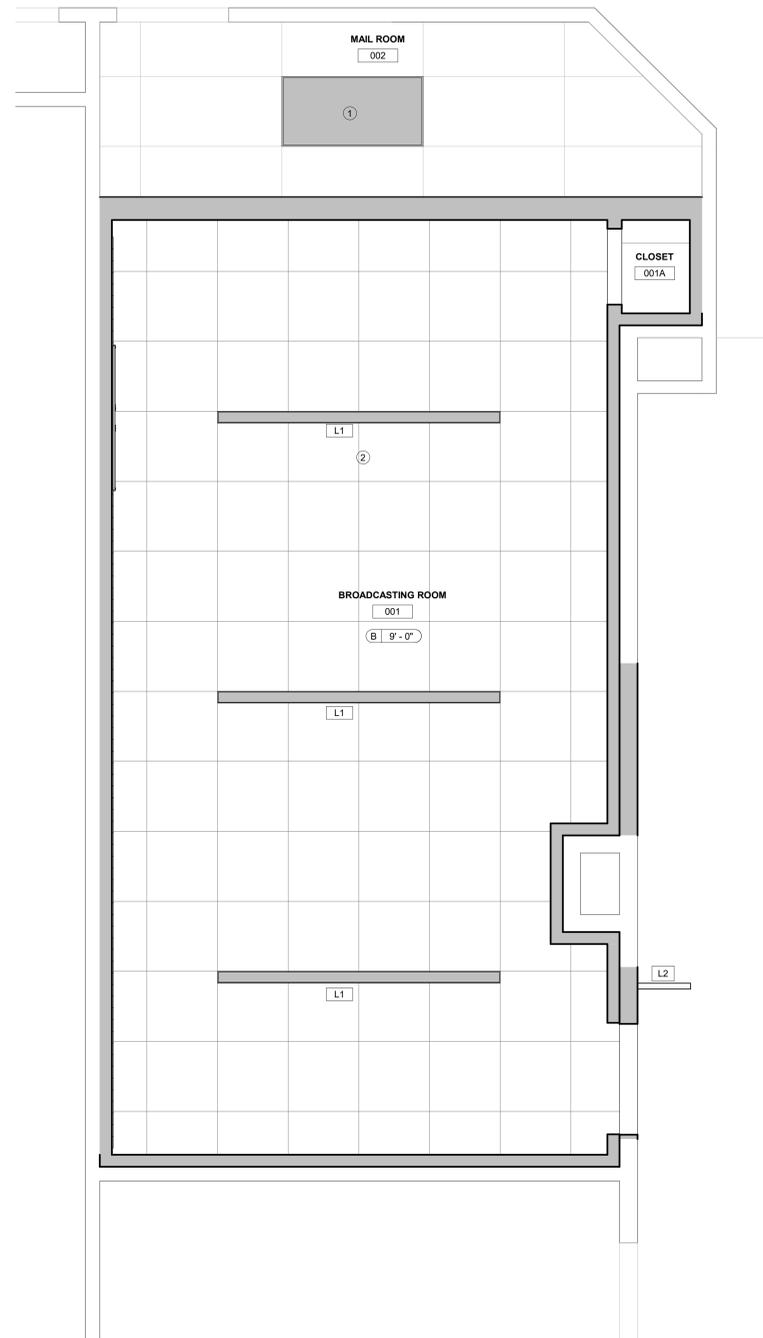
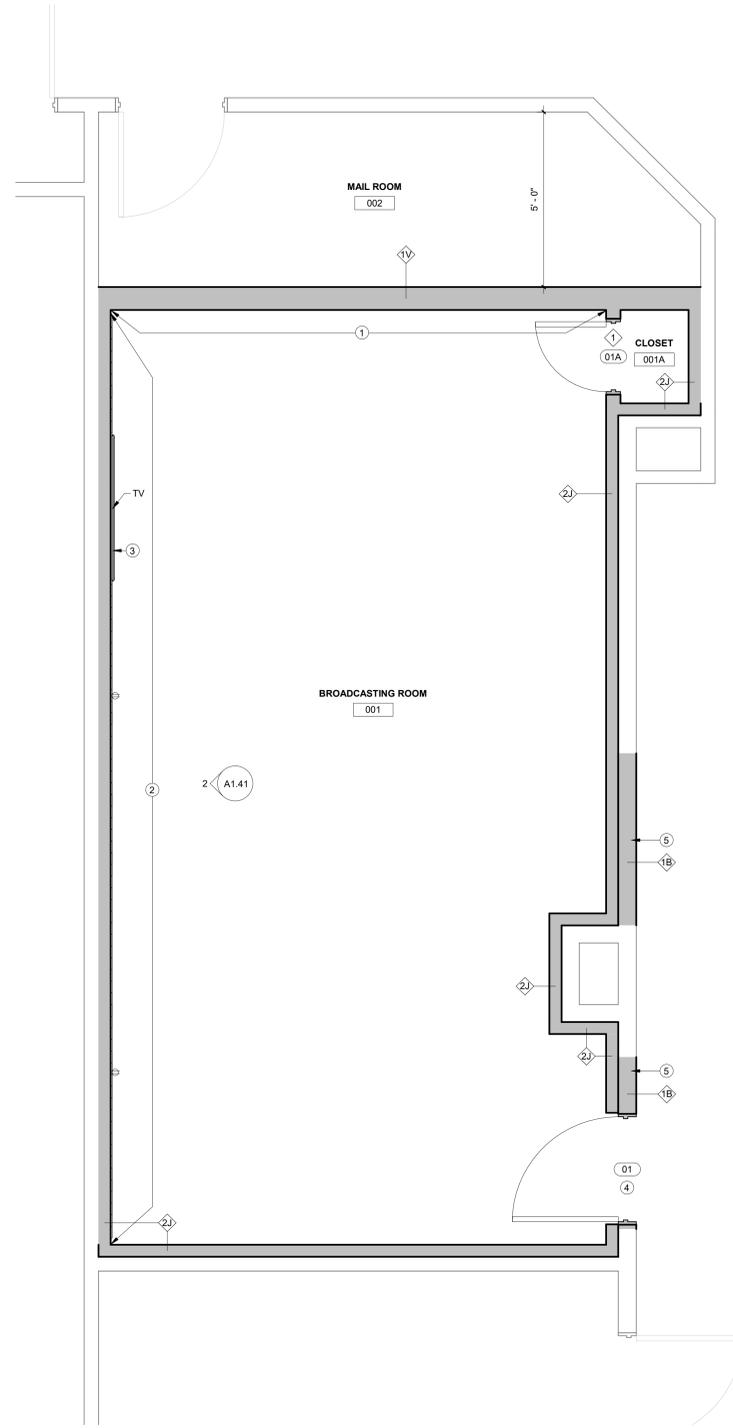


IMAGE 1: UNSEALED DRYWALL



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



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

10/15/2024 5:06:32 PM



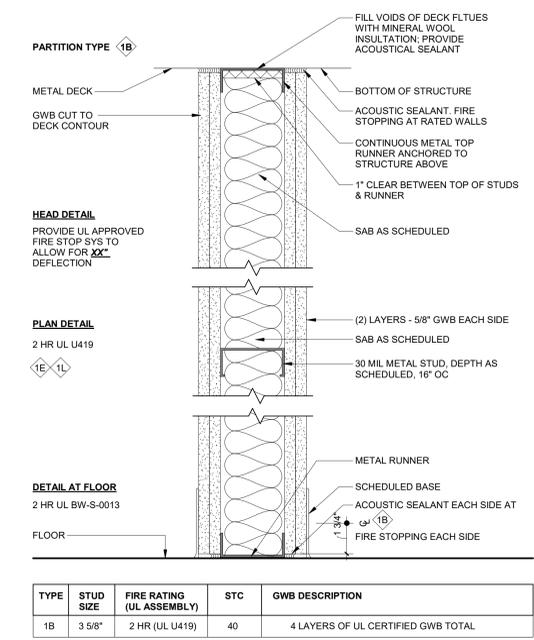


**DUTY TO INSPECT CONTRACT DOCUMENTS PRIOR TO STARTING WORK:**  
Any party who relies in part or whole on the content of these Construction Documents shall, before beginning any work, be responsible for fully inspecting the complete set of Contract Documents, including all Drawings, Specifications, and 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.

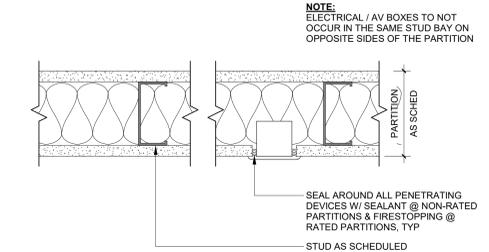
Warning: Actual conditions may vary from conditions shown on this drawing. Confirm all information in the field before proceeding with any work and notify the Architect in writing if a variation is discovered.  
This drawing is not to be copied or transmitted in any form without the express written authorization of Blackney Hayes Architects. All ideas and concepts depicted or suggested in this drawing are the property of Blackney Hayes Architects.

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

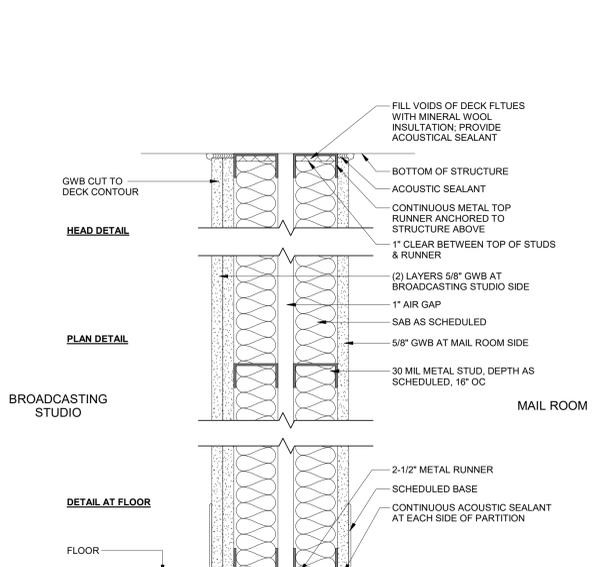
BHA Job Number: 24-044  
Scale: 3" = 1'-0"  
Drawn By: EB  
Checked By: MB  
Approved By: TH



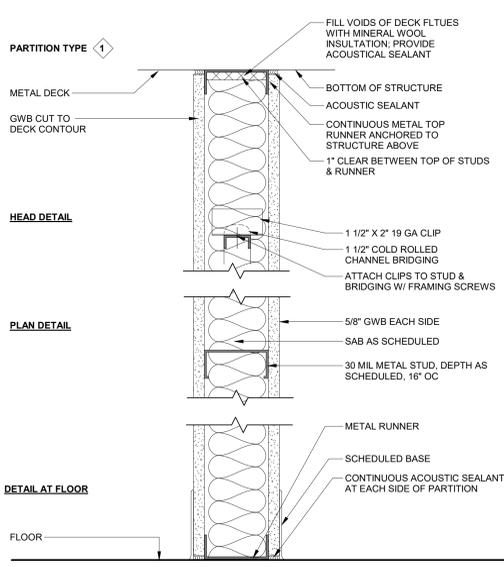
**4 PARTITION TYPE 1B**  
3" = 1'-0"



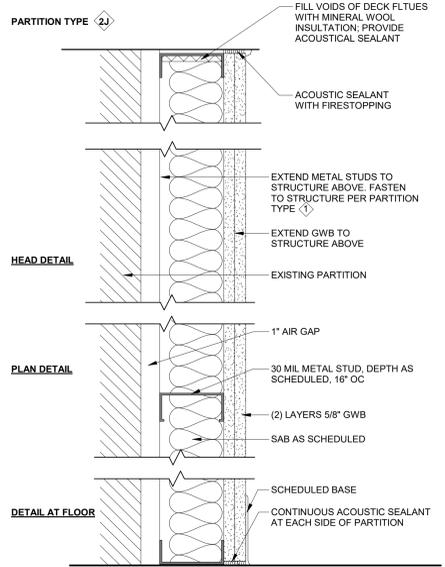
**5 PARTITION AT ELEC/AV BOXES - MTL**  
3" = 1'-0"



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



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



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











phone: 215 829 0922 ext. 131  
CONTACT PERSON: Troy Hill

**OWNER**  
MCIU  
phone: 610 755 9404  
CONTACT PERSON: Alfred Howard

**MCP**  
Snyder Hoffman Associates, Inc.  
phone: 610 694 8020  
CONTACT PERSON: Shane Niper

**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**



**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.

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.

This drawing is not to be copied or transmitted in any form without the express written authorization of Blackney Hayes Architects. All ideas and concepts depicted or suggested in this drawing are the property of Blackney Hayes Architects.

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: As indicated  
Drawn By: DAN  
Checked By: DAN  
Approved By: DAN  
Sheet No.

**E0.00**

© Copyright 2024 Blackney Hayes Architects

ELECTRICAL GENERAL NOTES	
1.	UNLESS OTHERWISE INDICATED, WIRE SIZES SHALL BE AS FOLLOWS: 20A #12, 30A #10, 40A #8, 50A #6, 70A #4, 100A #1.
2.	LIGHTING LAYOUT IS DIAGRAMMATICAL. E.C. SHALL COORDINATE LIGHTS WITH ARCHITECTURAL REFLECTED CEILING PLANS AND OTHER TRADES AND ADJUST AS REQUIRED.
3.	E.C. SHALL REFER TO ARCHITECTURAL 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 G.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 INTERFACE DEVICES SUCH AS TRANSFORMERS OR RELAYS AND POWER FEED WIRING AS REQUIRED TO SUIT 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 BELOW THE 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 6FT OF SINK BASINS AS REQUIRED PER THE NEC. E.C. SHALL ALSO PROVIDE ALL ARC-FAULT, TAMPER RESISTANT, 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 2" IN ORDER TO ELIMINATE FALSE TRIPPING OF THE SENSORS.
8.	DEVICE MOUNTING HEIGHTS AS FOLLOWS: RECEPTACLES 18" ABOVE FINISHED FLOOR TO CENTER OF BOX CT RECEPTACLES 3" ABOVE COUNTERTOP OR 1" ABOVE BACKSPASH 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. 54" TO CENTERLINE PANELS UNLESS OTHERWISE NOTED, ALL WALL-MOUNTED FIRE ALARM AV UNITS SHALL BE MOUNTED SUCH THAT THE ENTIRE LENS IS NOT LESS THAN 80" AND NOT GREATER THAN 96" A.F.F. WALL MOUNTED TELEPHONES 48" ABOVE FINISHED FLOOR TO TOP OF BOX

OCCUPANCY SENSOR SCHEDULE					
SYMBOL	MANUFACTURER	MODEL #	COVERAGE AREA SQ. FT.	SENSOR TYPE	ADDITIONAL REMARKS
WS	WATTSTOPPER	WS-301	900	INFRARED	WALL MOUNTING
DT	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-OUT\*\*

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.

EQUIPMENT TAG LEGEND	
(ACC X)	AIR-COOLED CHILLER - SUPPLIED AND INSTALLED BY H.C. FINAL CONNECTION BY E.C.
(ACU X)	AIR-COOLED CONDENSOR - SUPPLIED AND INSTALLED BY H.C. FINAL CONNECTION BY E.C.
(AHL 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.
(DHL 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 - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.
(FH 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.
(FTP 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.
(GLH 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.
(IR 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.
(WHP X)	WATER SOURCE HEAT PUMP - SUPPLIED AND INSTALLED BY H.C., FINAL CONNECTION BY E.C.

ELECTRICAL ABBREVIATIONS	
A/a	AMPERE
A.F.F.	ABOVE FINISHED FLOOR
AFI	ARC FAULT INTERRUPTER RECEPTACLE
ARCH.	ARCHITECT
ATS	AUTOMATIC TRANSFER SWITCH
AUX.	AUXILIARY
AV	AUDIOVISUAL
AWG.	AMERICAN WIRE GAUGE
BEp	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
EWV	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
GRD.	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
NE	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

ELECTRICAL LEGEND	
(T) / (X)	TRANSFORMER
(F)	FIRE ALARM PULL STATION
(V) #	WALL-MOUNTED AUDIOVISUAL FIRE ALARM DEVICE. # INDICATES CANDELA RATING. WHERE NO NUMBER IS INDICATED, PROVIDE DEVICE WITH 15 CANDELA RATING.
VO (V) #	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 AUDIOVISUAL FIRE ALARM DEVICE. # INDICATES CANDELA RATING. WHERE NO NUMBER IS INDICATED, PROVIDE DEVICE WITH 15 CANDELA RATING.
VO (C) #	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
(S)	SMOKE DETECTOR
(H)	HEAT DETECTOR
(D)	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)
(RSCA)	RESCUE ASSISTANCE REMOTE CALL STATION
(RAM)	RESCUE ASSISTANCE MASTER STATION/ANNUNCIATOR PANEL
(D)	DOORBELL
(DH)	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 - FIA SYSTEM
(RSE X)	REQUEST-TO-EXIT DETECTOR
(CS)	CLOCK, SPEAKER UNIT
(C)	WALL MOUNTED CLOCK
(2C)	DOUBLE FACE CLOCK
(CR)	CORD REEL WITH 20A 120V OUTLET
(E)	EXISTING DEVICES TO REMAIN
(M)	MICROPHONE JACK - SOUND SYSTEM
(S)	PUBLIC ADDRESS/INTERCOM SPEAKER (FLUSH, CEILING-MOUNTED)
(S)	PUBLIC ADDRESS/INTERCOM SPEAKER (SURFACE, CEILING-MOUNTED)
(S)	PUBLIC ADDRESS/INTERCOM SPEAKER (SURFACE, WALL-MOUNTED)
(S)	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
(M)	CEILING MOUNTED, 360° MOTION DETECTOR
(M)	DOOR MAGNET CONTACT - SECURITY SYSTEM
(M)	SECURITY CAMERA
(M)	ALARM HORN - SECURITY SYSTEM
(ES)	ELECTRIC DOOR STRIKE
(CR)	CARD READER
(K)	KEY PAD
(H)	PUSH PLATE
(H)	EMERGENCY OFF PUSH-BUTTON
(H)	EMERGENCY KILLSWITCH
(H)	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
(N) A	NURSE CALL PATIENT STATION W/ CODE BLUE AND STAFF ASSISTANCE
(N) PB	NURSE CALL SINGLE PATIENT WALL-MOUNTED PUSH BUTTON STATION
(N) PS	NURSE CALL PATIENT STATION W/ STAFF ASSISTANCE AND PILLOW SPEAKER
(N) S	NURSE CALL PATIENT STATION W/ STAFF ASSISTANCE
(N) SA	NURSE CALL STAFF STATION W/ CODE BLUE
(N) DC	NURSE CALL DECENTRALIZED MINI-MASTER TOUCH STATION
(N) HE	NURSE CALL CONTROL STATION HEAD END
(N) M	NURSE CALL MASTER STATION
(N) TM	NURSE CALL FULL SIZED MASTER STATION
(P)	NURSE CALL PULL CORD STATION
(P) S	SLAVE SHOWER BATH STATION WITH PULL CORD
(S)	NURSE CALL STAFF STATION
(SA)	NURSE CALL STAFF ASSISTANCE STATION

ELECTRICAL LEGEND	
NOTE: NOT ALL DEVICES SHOWN ON THE LEGEND ARE USED ON THIS PROJECT	
(L)	LED LIGHT FIXTURE (UPPER CASE LETTER DENOTES TYPE, LOWER CASE LETTER DENOTES SWITCHING GROUP)
(L)	LED LINEAR SUSPENDED LIGHT FIXTURE (UPPER CASE LETTER DENOTES TYPE, LOWER CASE LETTER DENOTES SWITCHING GROUP)
(L)	LED INDUSTRIAL LIGHT FIXTURE (UPPER CASE LETTER DENOTES TYPE, LOWER CASE LETTER DENOTES SWITCHING GROUP)
(O <sub>2</sub> )	INCANDESCENT, LED, FLUORESCENT OR H.I.D. LIGHT FIXTURE
(N)	NORMAL-EMERGENCY LIGHT FIXTURE
(E)	EMERGENCY ONLY LIGHT FIXTURE
(W)	WALL SCONCE
(S)	EXIT SIGN
(B)	EMERGENCY BATTERY UNIT
(R)	REMOTE HEAD
(R)	DOUBLE REMOTE HEAD
(S)	POLE-MOUNTED SITE LIGHT FIXTURE
(S)	SINGLE POLE SWITCH (LOWER CASE LETTER DENOTES GROUP TO BE SWITCHED)
(D)	DIMMER SWITCH
(S <sub>LV</sub> )	LOW VOLTAGE SWITCH
(S <sub>T</sub> )	CAPACITIVE TOUCH SCREEN LIGHTING CONTROL PANEL
(S <sub>3</sub> )	3-WAY SWITCH
(S <sub>4</sub> )	4-WAY SWITCH
(S <sub>F</sub> )	FAN SWITCH
(S <sub>K</sub> )	KEY SWITCH
(S <sub>OR</sub> )	OVERRIDE SWITCH
(S <sub>P</sub> )	SWITCH WITH PILOT LIGHT
(OS)	OCCUPANCY SENSOR (CEILING-MOUNTED)
(OS)	DAYLIGHT SENSOR (CEILING-MOUNTED)
(OS)	OCCUPANCY SENSOR (WALL-MOUNTED)
(OS)	DUAL-TECH OCCUPANCY SENSOR (CORNER-MOUNTED)
(OS)	CORRIDOR OCCUPANCY SENSOR
(US)	ULTRASONIC 360° OCCUPANCY SENSOR (CEILING-MOUNTED)
(BR) / (STY)	EMERGENCY LIGHTING RELAY
(CP)	OCCUPANCY SENSOR CONTROL/POWER PACK
(DM)	DIGITAL LIGHTING ROOM CONTROLLER
(DCT)	DUPLEX CONVENIENCE OUTLET (CT DENOTES COUNTERTOP HEIGHT)
(D)	DUPLEX ISOLATED GROUND OUTLET
(D)	DOUBLE DUPLEX (QUADRUPLEX) OUTLET
(D)	QUADRUPLEX ISOLATED GROUND OUTLET
(D)	SPECIAL PURPOSE OUTLET
(DR)	RANGE OUTLET, 50AMP 3 WIRE
(V)	TELEPHONE OUTLET (POTS LINE)
(V)	TELEPHONE OUTLET (PROVIDE (1) DATA DROP)
(V <sub>W</sub> )	WALL-MOUNTED TELEPHONE OUTLET (PROVIDE (1) DATA DROP)
(V <sub>#</sub> )	COMPUTER OUTLET (NUMBER DENOTES NUMBER OF JACKS)
(W)	WIRELESS ACCESS POINT. FIELD COORDINATE TERMINATION PLATE TYPE WITH OWNER PROVIDED DEVICE REQUIREMENTS.
(V)	AV INPUT/OUTPUT JACK
(V)	FIBER CONNECTION
(V)	FLATSREEN INPUT/OUTPUT JACK
(V)	TELEVISION CABLE OUTLET
(B)	BLANK PLATE
(SB)	SMARTBOARD
(PP)	PROJECTOR PLATE
(O)	FLOOR OUTLET - DUPLEX RECEPTACLE, TELEPHONE AND COMPUTER JACK
(M)	MOTOR
(D)	DISCONNECT SWITCH (FUSED OR NON-FUSED AS INDICATED ON DRAWING)
(M)	FRACTIONAL HORSEPOWER MANUAL MOTOR STARTER/DISCONNECT
(M)	COMBINATION MOTOR STARTER/DISCONNECT SWITCH
(M)	MOTOR STARTER
(M)	FRACTIONAL MOTOR STARTER
(M)	POWER POLE
(M)	JUNCTION BOX. HD INDICATES HAND DRYER. AF INDICATES AUTO FLUSH VALVE FAUCET.
(M)	PUSHBUTTON
(M)	START/STOP STATION
(M)	OVERHEAD DOOR OPERATOR (UP, DOWN AND STOP)
(M)	WIRING CONCEALED ABOVE CEILING OR IN WALL. CROSS LINES INDICATE NUMBER OF #12 A.W.G. WIRES IN A 3/4" CONDUIT. GROUND WIRES ARE NOT SHOWN. NO CROSS LINES INDICATE (2)#12 A.W.G., (1)#12 A.W.G. GROUND IN A 3/4" CONDUIT.
(M)	WIRING CONCEALED BELOW GRADE OR FLOOR
(M)	CIRCUIT HOME RUN WITH CIRCUIT NUMBER INDICATED
(M)	NORMAL-EMERGENCY OR EMERGENCY ONLY BRANCH CIRCUIT WIRING
(M)	HORIZONTAL AND VERTICAL SURFACE RACEWAY. REFER TO FLOOR PLANS FOR ADDITIONAL INFORMATION

ISSUE FOR PLAN REVIEW 10.15.24

**OWNER**

MCIU  
phone: 610.755.9404  
CONTACT PERSON: Alfred Howard

**MEP**

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

**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:**

**1ST FLOOR  
DEMOLITION PLAN -  
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, 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.

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.

This drawing is not to be copied or transmitted in any form without the express written authorization of Blackney Hayes Architects. All ideas and concepts depicted or suggested in this drawing are the property of Blackney Hayes Architects.

**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: As indicated

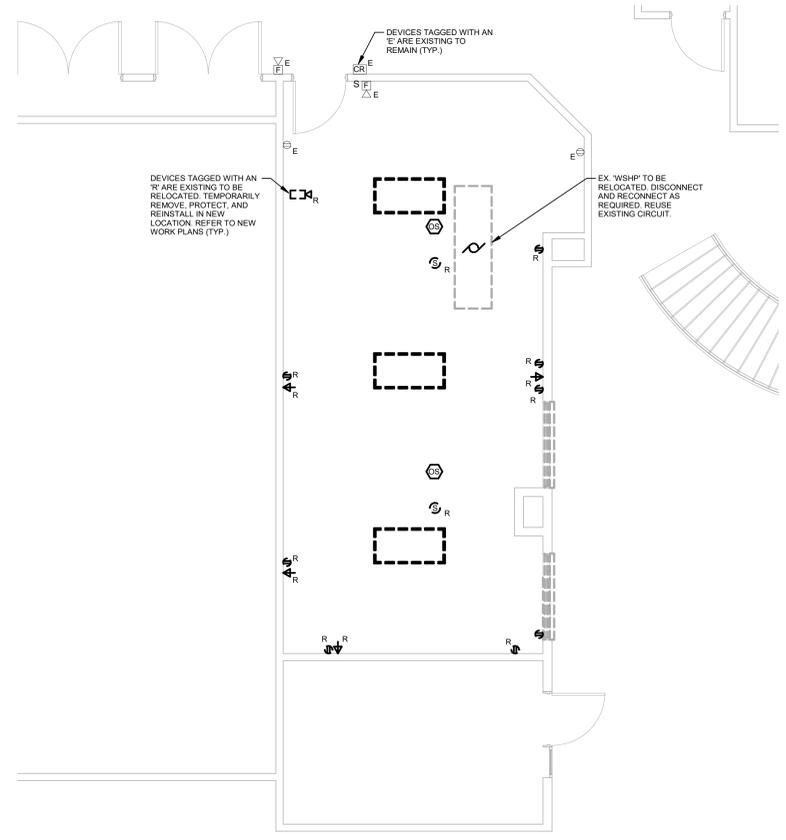
Drawn By: DAN

Checked By: DAN

Approved By: DAN

Sheet No.

**ED1.01**



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







