

1 **ADDENDUM NO. 1 (Rev 1/2023)**

2 **ISSUE DATE: October 20, 2023**

3  
4 **RE: Williams Fieldhouse Seating Renovation**  
5 **University of Wisconsin, Platteville - Athletics Department**  
6 **Platteville, Wisconsin**  
7

8  
9 Division Project No. **H-22-001**

10  
11 **BID SUBMISSION DUE by 1:30PM, BID OPENING for MEP Bidders: 2:00 PM, November 1, 2023.**  
12 **BID SUBMISSION DUE by 1:30PM, BID OPENING FOR General Prime Contractor Bidders: 2:00PM,**  
13 **November 15, 2023.**

14  
15 **FROM: Berners-Schober Associates, Inc.**  
16 **310 Pine Street**  
17 **Green Bay, Wisconsin 54301**  
18

19 **TO: Prospective Bidders**

20  
21 This addendum forms a part of the Contract Documents and modifies the original Contract Documents dated  
22 **September 20, 2023** as noted below. Acknowledge receipt of this Addendum by inserting the number and issue  
23 date of this addendum in the blank space provided on the Bid Form. Failure to do so may subject the Bidder to  
24 disqualification.

25  
26 This Addendum consists of **two (2) pages** and the attached documents:

- 27 • **Drawing A101 New Work Plans dated 10/20/2023**
- 28 • **Drawing AR101 Reflected Ceiling Plans dated 10/20/2023**
- 29 • **Drawing M101 First and Second Floor Plans – New Work dated 10/20/2023**
- 30 • **Drawing ED101 First and Second Floor Demolition Plans dated 10/20/2023**
- 31 • **Drawing EP101 First and Second Floor Power-Systems Plans dated 10/20/2023**
- 32 • **Drawing E501 Schedules and Details dated 10/20/2023**

33  
34 **CHANGES TO BIDDING REQUIREMENTS:**

35  
36 N/A

37  
38 **CHANGES TO CONDITIONS OF THE CONTRACT:**

39  
40 N/A

41  
42 **CHANGES TO SPECIFICATIONS (DIVISIONS 2 THRU 34):**

43  
44 1. Section 27 10 00 STRUCTURED CABLING

45  
46 A. Page 27 10 00-6, line 38, add the following: “Cable to be Belden 1829P or equal.”

47  
48 B. Page 27 10 00-8, line 6, delete as written and substitute the following: “Be by Belden FSNS6U  
49 or equal.”

50  
51 **CHANGES TO DRAWINGS:**

52  
53 1. Drawings A101 NEW WORK PLANS and AR101 REFLECTED CEILING PLANS

54  
55 A. These drawings are being re-issued with this addendum.

- 56  
57 1. At first floor, modifying and patching existing wall for installation of added conduit.
- 58 2. At second floor, adding furring to enclose conduit.
- 59 3. Added clarification of furring type on second floor.

- 1 2. Drawing M101 FIRST AND SECOND FLOOR PLANS – NEW WORK  
2  
3 A. This drawing is being re-issued with this addendum.  
4  
5 1. Add second duct sensor. Duct sensor to be tied to control damper/fan for shutoff in the event  
6 that the primary duct heater fails.  
7  
8 3. Drawing ED101 FIRST AND SECOND FLOOR DEMOLITION PLANS  
9  
10 A. This drawing is being re-issued with this addendum.  
11  
12 1. All existing data cable(s) to be reused. Provide new as required per plan.  
13 2. Salvage the existing device(s) and j-box(es) on the north wall of Gym 101 as indicated.  
14 Device(s) and j-box(es) will be reinstalled. See floor plans.  
15 3. Relocate existing fire alarm strobe in Gym 101 as indicated on the floor plan.  
16  
17 4. Drawing EP101 FIRST AND SECOND FLOOR POWER-SYSTEMS PLANS  
18  
19 A. This drawing is being re-issued with this addendum.  
20  
21 1. Relocate existing fire alarm strobe in Gym 101 as indicated on the floor plan.  
22 2. Add additional WiFi devices as indicated on the floor plans.  
23 3. Provide new conduit pathways up to first and second floors. See floor plans.  
24  
25 5. Drawing E501 SCHEDULES AND DETAILS  
26  
27 A. This drawing is being re-issued with this addendum.  
28  
29 1. Added WiFi mounting detail.  
30  
31

32 END OF ADDENDUM  
33

34 **Berners-Schober Associates, Inc.**  
35 **310 Pine Street**  
36 **Green Bay, Wisconsin 54301**  
37

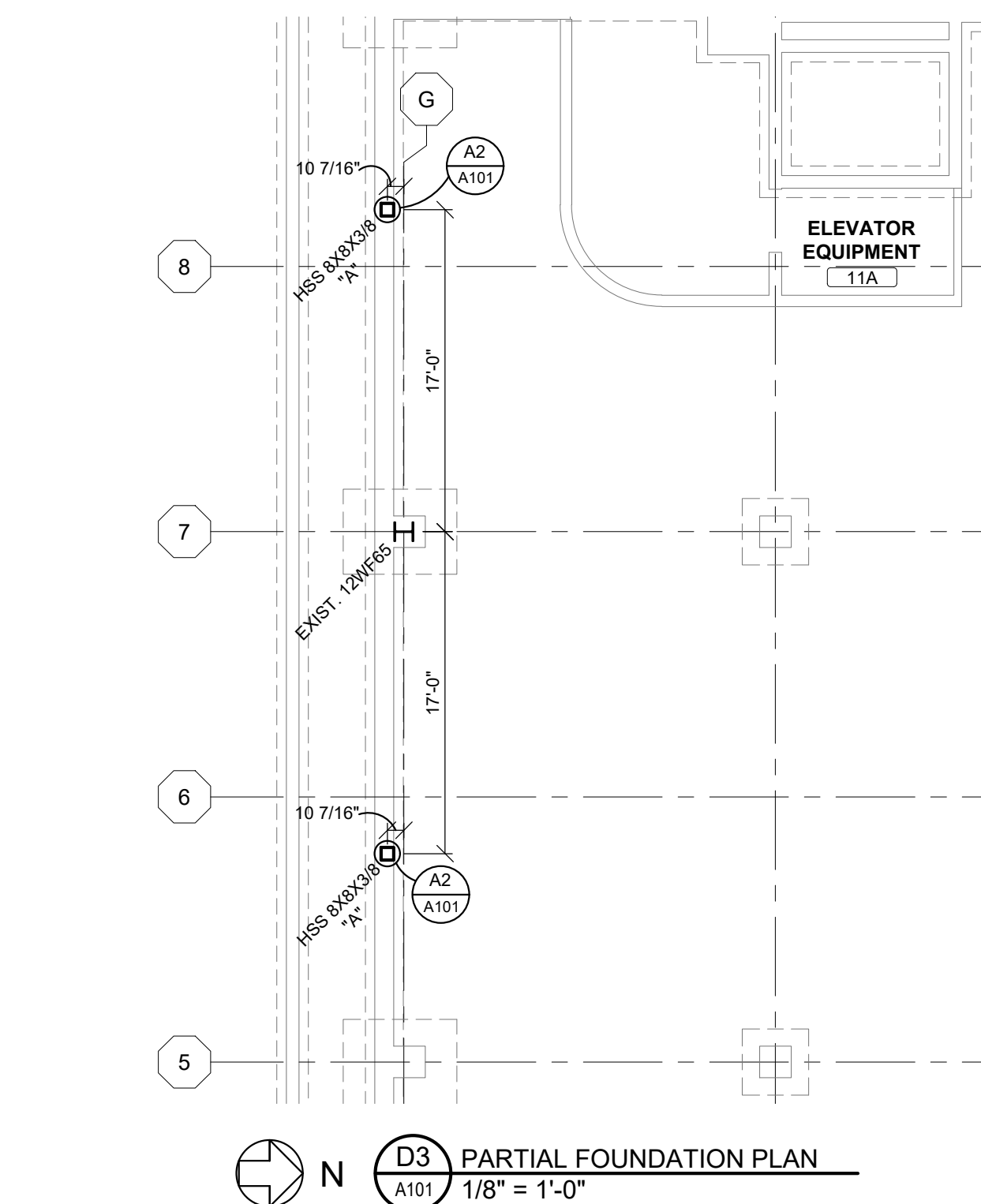
**NEW WORK PLAN NOTES**

**GENERAL NOTES:**

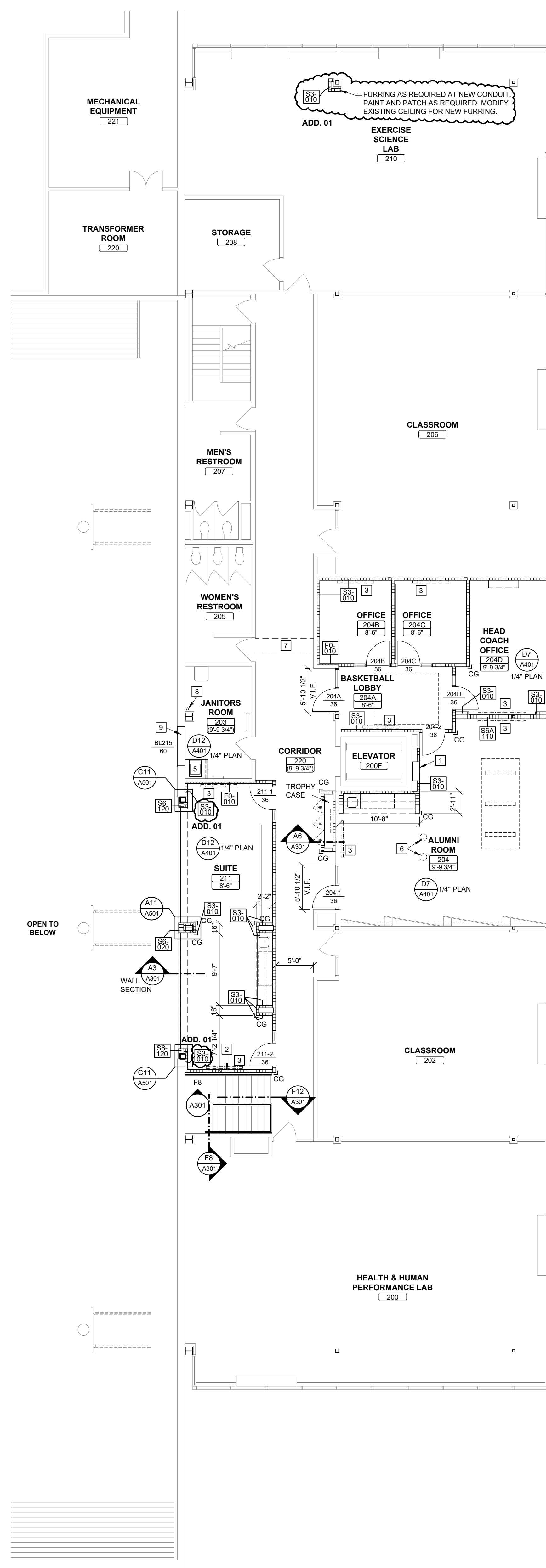
- SEE ARCHITECTURAL DEMOLITION PLAN FOR NEW WORK INCLUDING BUT NOT LIMITED TO:
  - CONCRETE TOPPING INFILLS AT REMOVED MASONRY WALLS THAT EXTEND TO STRUCTURE, REMOVED TERRAZZO BASE, MODIFIED FLOOR EXPANSION JOINT COVERS, REMOVED CERAMIC TILE FLOORS.
  - WALL PATCHING AT: REMOVED TERRAZZO BASE, REMOVED CERAMIC WALL TILE, CEILING THAT CHANGE HEIGHT, MODIFIED FLOOR EXPANSION JOINT COVERS, REMOVED AND INFILLED DOORS/FRAMES.
  - PATCHING OR PREP WORK OF EXISTING FINISHES AS REQUIRED FOR NEW ROOM FINISHES.
- SEE MECHANICAL TRADES DRAWINGS FOR LOCATIONS OF NEW CUT IN DEVICES INTO EXISTING PARTITIONS THAT WILL RESULT IN PATCHING OF EXISTING WALLS, FLOORS, AND CEILINGS.
- SEE MECHANICAL TRADE DRAWINGS FOR AREAS OUTSIDE OF THE MAIN ARCHITECTURAL SCOPE OF WORK AREA THAT MAY REQUIRE TEMPORARY REMOVAL AND REINSTALLATION OF CEILING AND SUPPORT OF CEILING MOUNTED EQUIPMENT FOR MECHANICAL TRADE WORK.
- TRADES SHALL CAREFULLY COORDINATE WALL MOUNTED DEVICE COVER PLATES TO FIT WITH SCHEDULED CASEWORK AS INDICATED ON THESE DRAWINGS. COORDINATE HEIGHTS OF DEVICES TO CLEAR COUNTERTOP OR BACKSPASHES, CASEWORK, AND WALL PROTECTION SHEETING AND CERAMIC WALL TILE WAINSCOTS.
  - SEE ACCESSORY SCHEDULE FOR CLEARANCE REQUIREMENTS OF ELECTRICAL DEVICES WHERE ALCOHOL AND HAND WASH DISPENSERS ARE BEING PROVIDED. CAREFULLY COORDINATE INSTALLATION OF ELECTRICAL DEVICES TO LEAVE SPACE TO INSTALL THESE WALL MOUNTED DISPENSERS.
- WHERE EXISTING DOOR BORROWED LITE FRAMES ARE SCHEDULED TO REMAIN IN NEW WORK AREAS, FRAMES SHALL BE REPAINTED PER SCHEDULED FRAME COLOR AS LISTED IN THE INTERIOR FINISH SCHEDULE.

**NEW WORK KEYED NOTES:**

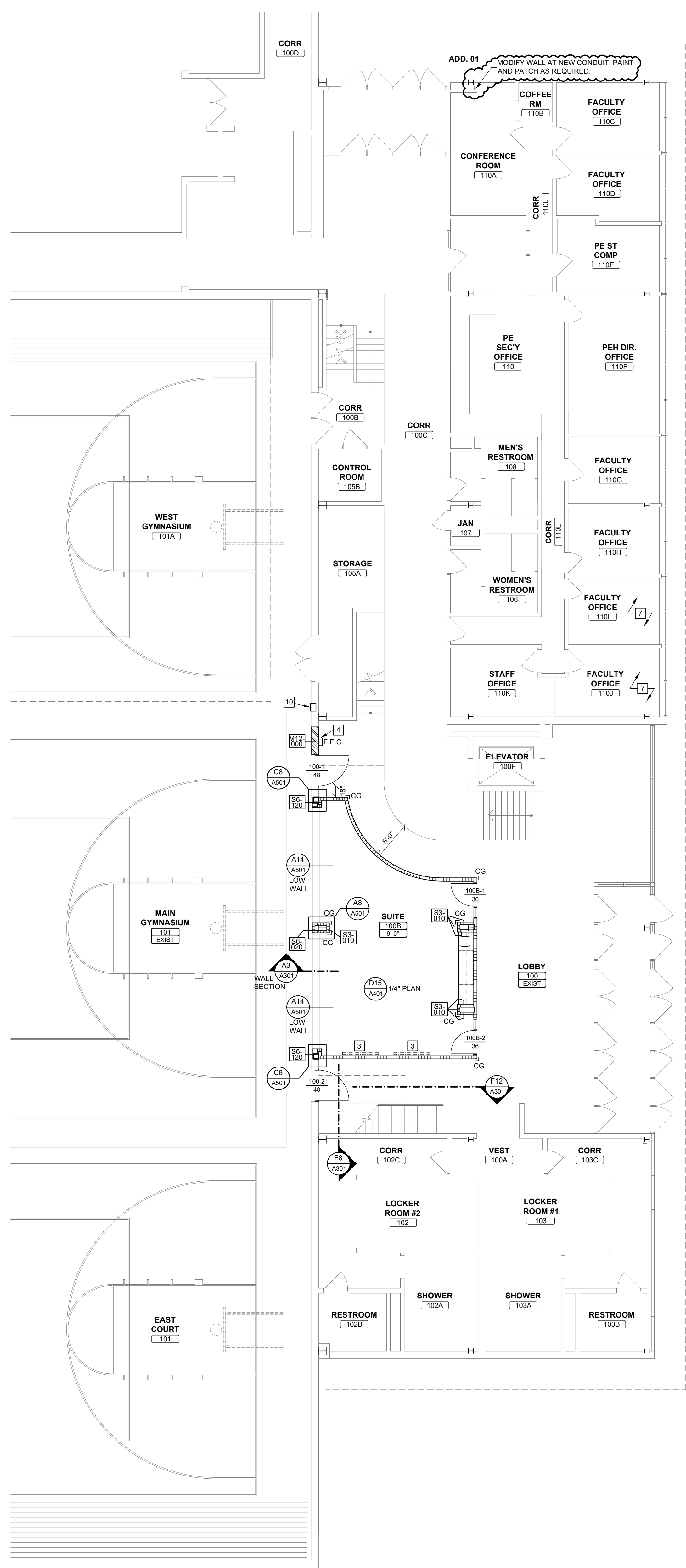
- ALIGN THIS FACE OF NEW WALL WITH EXISTING WALL.
- THIS FACE OF WALL TO BE FLUSH WITH EDGE OF STAIR OPENING. SEE **F11** **A501**.
- PROVIDE BLOCKING AS REQUIRED FOR TV BRACKETS. SEE **CS** **A501**.
- RELOCATE SALVAGED FIRE EXTINGUISHER CABINET.
- RELOCATED DAKTRONICS EQUIPMENT.
- PATCH VOID IN FLOOR FROM ELECTRICAL OUTLET REMOVAL.
- PATCH CEILING UPON COMPLETION OF OTHER TRADES WORK.
- CORE HOLE THRU FLOOR FUTURE CABLING. COORDINATE WITH ELECTRICAL TRADE. MAINTAIN FLOOR FINISH.
- INSTALL LINTEL, HSS8x4x1/4 + 1/4"x11" PLATE. 8" BEARINGS EACH END.
- PATCH CMU AT MICROPHONE CONNECTIONS. FINISHES TO MATCH ADJACENT. COORDINATE WITH ELECTRICAL TRADE.



**A2** STRUCTURAL BASE PLATE DETAIL  
1" = 1'-0"



**A6** SECOND FLOOR - NEW WORK PLAN  
1/8" = 1'-0"



**A12** FIRST FLOOR - NEW WORK PLAN  
1/8" = 1'-0"

**bernerschaber**  
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23UNPL01.00

**UNIVERSITY OF WISCONSIN PLATTEVILLE**  
Agency / Institution: UNIVERSITY OF WISCONSIN  
565 MAIN STREET PLATTEVILLE, WI 53818

**WILLIAMS FIELDHOUSE SEATING RENOVATION**  
Project Location: UNIVERSITY OF WISCONSIN - PLATTEVILLE  
Sheet Title: NEW WORK PLANS

Revisions:			
No.	Date	By	Description
01	10/20/2023		ADDENDUM #01

Graphic Scale: 0" 2" 4" 8" 12"

UWSA Number: H-22-001  
MSN Number:  
Set Type: BD  
Date Issued: 09/20/2023  
Sheet Number: **A101**







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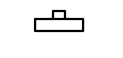



**CONTRACT WORK INCLUDES ALL CEILING MOUNTED ITEMS OR DEVICES SHOWN ON THIS PLAN AND AS SHOWN ON THE PLANS OF OTHER TRADES. THIS DRAWING DOES NOT RELIEVE CONTRACTOR'S RESPONSIBILITY TO INDIVIDUALLY COORDINATE THEIR WORK WITH OTHER TRADES.**

**REFLECTED CEILING PLAN LEGEND**

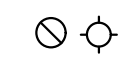


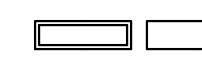


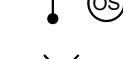

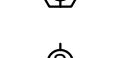




**SYMBOLS KEY**

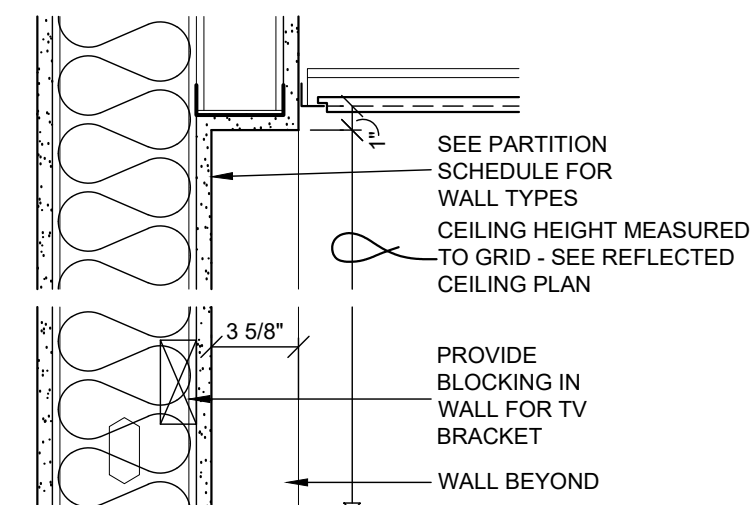
**ARCHITECTURAL**

-  ACCESS PANEL
-  GYPSUM BOARD CEILING
- HVAC**
-  PAINTED METAL PANEL
-  SUPPLY DIFFUSER
-  SUPPLY DIFFUSER
-  RETURN GRILLE

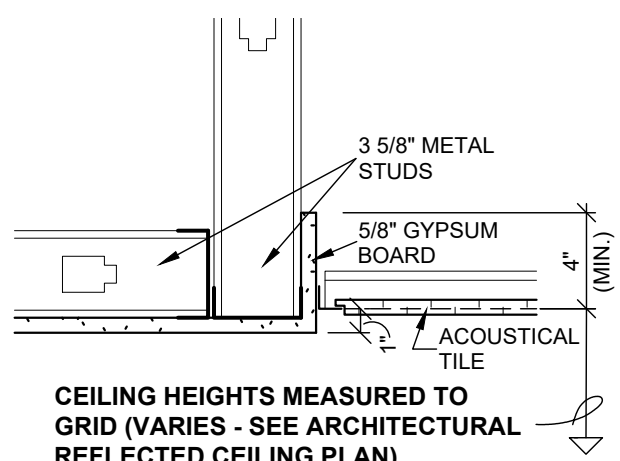
-  SLOT DIFFUSER
-  EXHAUST GRILLE
-  EXHAUST GRILLE
-  OCCUPANCY SENSOR

**ELECTRICAL**

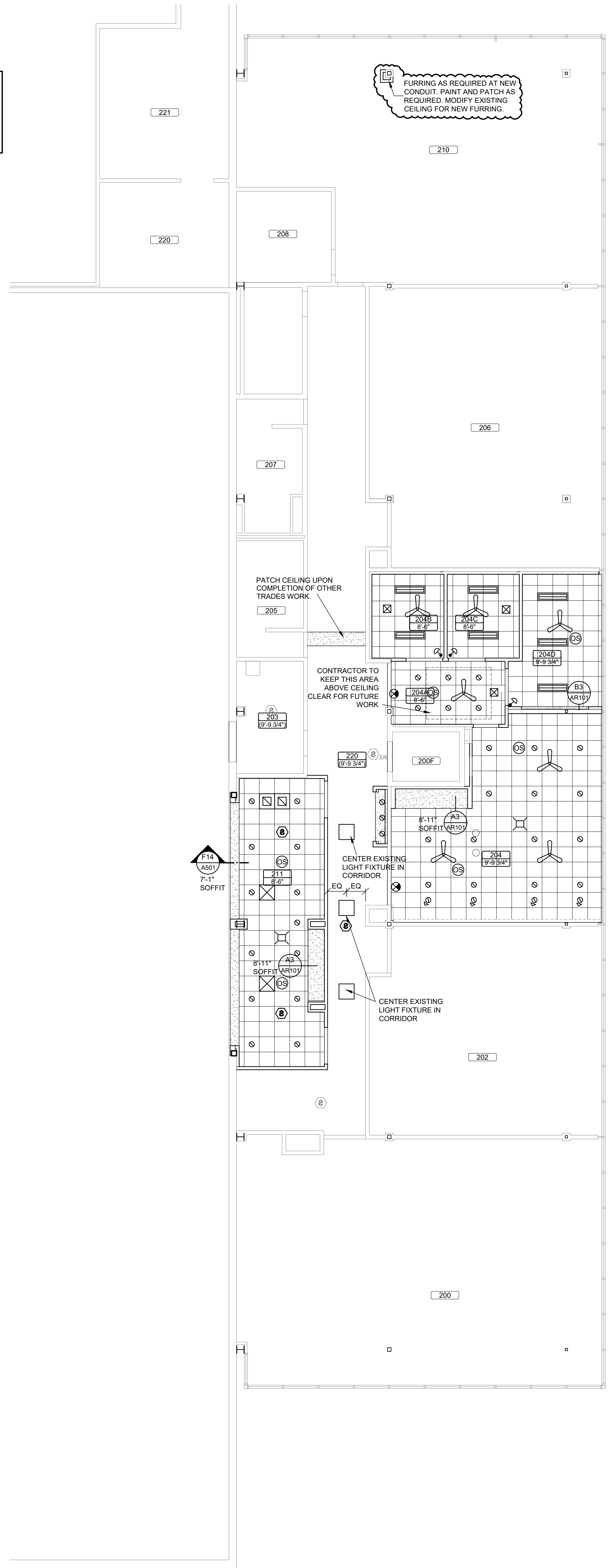
-  RECESSED DOWN LIGHT, SURFACE / PENDANT
-  2x4 LIGHT FIXTURE - RECESSED / SURFACE
-  2x2 LIGHT FIXTURE - RECESSED / SURFACE
-  1x4 LIGHT FIXTURE - RECESSED / SURFACE
-  EXIT SIGN - WARNING - SINGLE FACED
-  EXIT SIGN - DOUBLE FACED
-  OCCUPANCY SENSOR
-  WIRELESS DATA ACCESS POINT
-  CEILING MOUNTED SPEAKER/STROBE
-  CEILING MOUNTED STROBE ONLY
-  SMOKE DETECTOR
-  SMOKE DETECTOR FOR ELEVATOR CONTROL
-  THERMAL DETECTOR



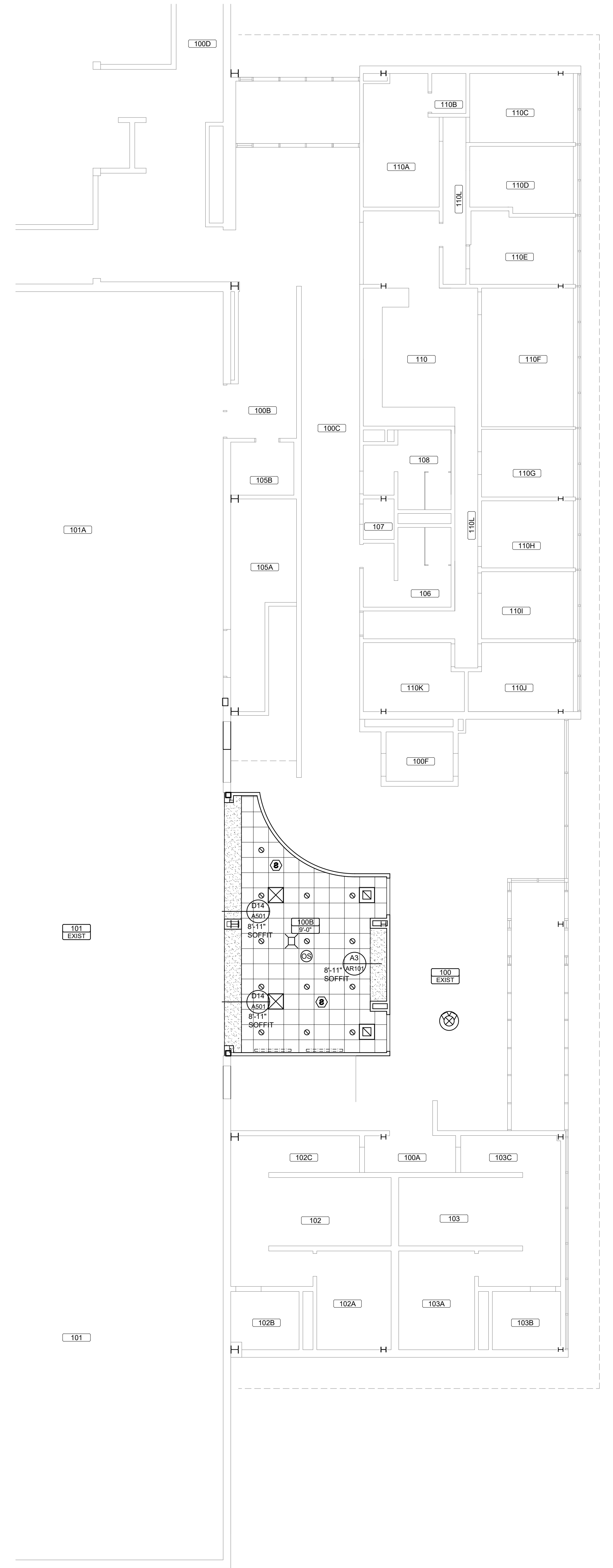
**B3 COACHS OFFICE TV WALL**  
AR101 1 1/2" = 1'-0"



**A3 GYPSUM BOARD - ACT SOFFIT**  
AR101 1 1/2" = 1'-0"




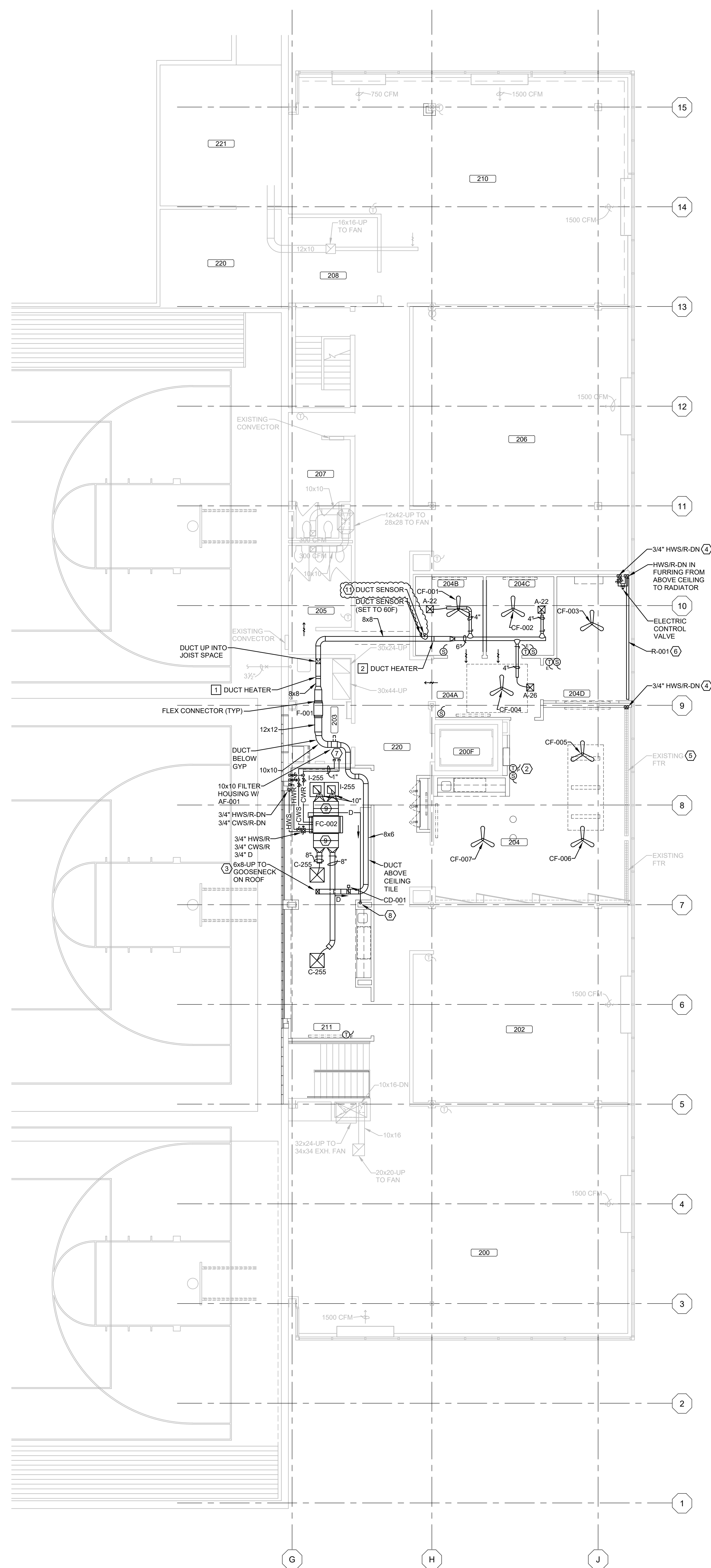
**A6 SECOND FLOOR - REFLECTED CEILING PLAN**  
AR101 1/8" = 1'-0"



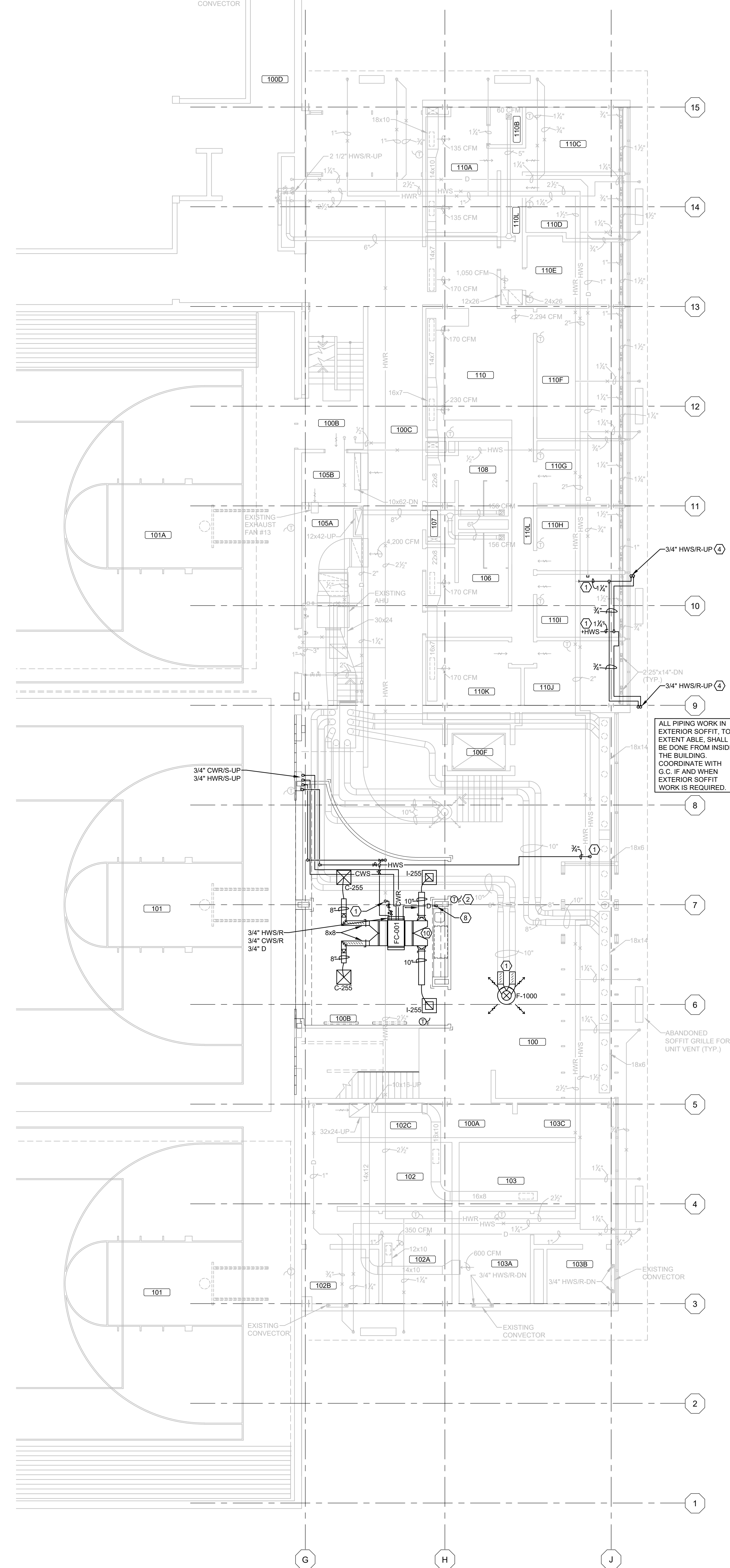
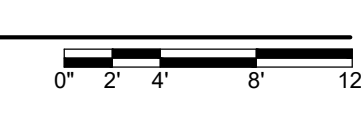
**A12 FIRST FLOOR - REFLECTED CEILING PLAN**  
AR101 1/8" = 1'-0"

Revisions:			
No.	Date	By	Description
01	10/20/2023		ADDENDUM #01

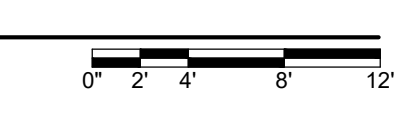
Graphic Scale	
UWSA Number	H-22-001
MSN Number	
Set Type	BD
Date Issued	09/20/2023
Sheet Number	<b>AR101</b>



**A5** SECOND FLOOR PLAN - NEW WORK  
 M101 1/8" = 1'-0"



**A12** FIRST FLOOR PLAN - NEW WORK  
 M101 1/8" = 1'-0"



**PLAN KEYED NOTES**  
 (THIS SHEET ONLY)

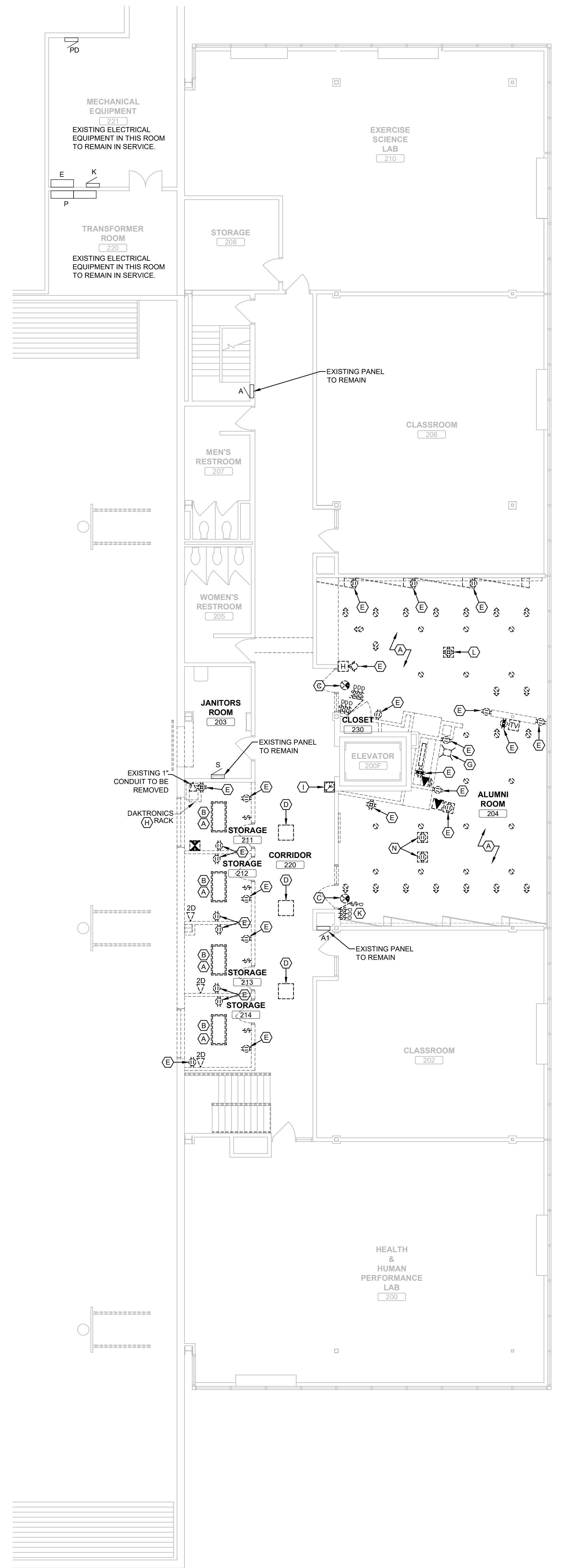
- 1 NEW CONNECTION TO EXISTING PIPING AND/OR DUCTWORK.
- 2 RELOCATED THERMOSTAT. REPLACE PNEUMATIC TUBING FROM THERMOSTAT TO ACTIVE DEVICE.
- 3 PROVIDE 180 DEGREE GOOSE NECK DUCT, SIZE AS INDICATED ON PLAN WITH BRD SCREEN. PROVIDE TRIMBLE OVER DUCT THRU CURB AND SEAL WATER TIGHT. BOTTOM OF GOOSE NECK TO BE 3" MINIMUM ABOVE ROOF AND 2" MINIMUM ABOVE ROOF CURB.
- 4 HWSR DN IN FURRING. TRIM INSULATION AS REQUIRED. 1/2" INSULATION IN WALL MINIMUM.
- 5 CONNECT NEW HWSR TO EXISTING FTR. DEMO BACK ENOUGH FINS TO FIT SALVAGED CONTROL VALVE AND ISOLATION VALVE. REPLACE PNEUMATIC TUBING FROM THERMOSTAT TO ACTIVE DEVICE.  
 PROVIDE ACCESS PANEL IN EXISTING FTR FOR ACCESS TO ISOLATION VALVES AND CONTROL VALVE.  
 CONTROL VALVE TO BE INSTALLED ON SAME SIDE OF SYSTEM (HWSR) AS EXISTING WAS.  
 BALANCE FTR TO 2 GPM WITH CONTROL VALVE IN 100% OPEN POSITION. GFM ASSUMES EAST SECTION OF FTR IS PIPED FROM RM #202 WITH NO CHANGES.
- 6 RADIATOR TO BE WALL TO WALL. FIELD VERIFY FINISHED DIMENSION. PIPE TO BE STUBBED TO EXTERIOR OF WALL. PROVIDE FLEX CONNECTOR CONNECTION FROM WALL TO RADIATOR. PROVIDE 2" END CAP EACH SIDE OF UNIT.
- 7 CAPPED 1" CWSR FOR CONNECTION IN FUTURE PROJECT.
- 8 ROUTE 3/4" DRAIN TO HUB DRAIN (BY PLUMBING TRADE) IN SINK BASE CABINET - COORDINATE WITH PLUMBING TRADE.
- 9 UNIT INLET/DISCHARGE WITH SIZED DUCT FLARED TO 10" DEEP ON SUPPLY AND 12" DEEP ON RETURN.
- 10 PANTS LEG RETURN DUCT TO (2) 10" WIDE BY 12" DEEP TO ACCOMMODATE 10" RETURN DUCT.
- 11 PROVIDE DUCT THERMOSTAT (SET TO 50F) WITH TIME DELAY RELAY (2 MINUTES MIN, 5 MAX) WIRED TO F-001 AND CD-001. IF THE FAN IS SET TO RUN AND THE DUCT TEMPERATURE DOES NOT MEET SETPOINT, THE FAN SHALL SHUT OFF AND THE CONTROL DAMPER SHALL CLOSE. TIME DELAY IS TO PREVENT NUISANCE TRIPS.  
 DUE TO AIRFLOW SWITCHES, DUCT HEATERS WILL AUTOMATICALLY SHUT OFF.

ALL PIPING WORK IN EXTERIOR SOFFIT, TO EXTENT ABLE, SHALL BE DONE FROM INSIDE THE BUILDING. COORDINATE WITH G.C. IF AND WHEN EXTERIOR SOFFIT WORK IS REQUIRED.

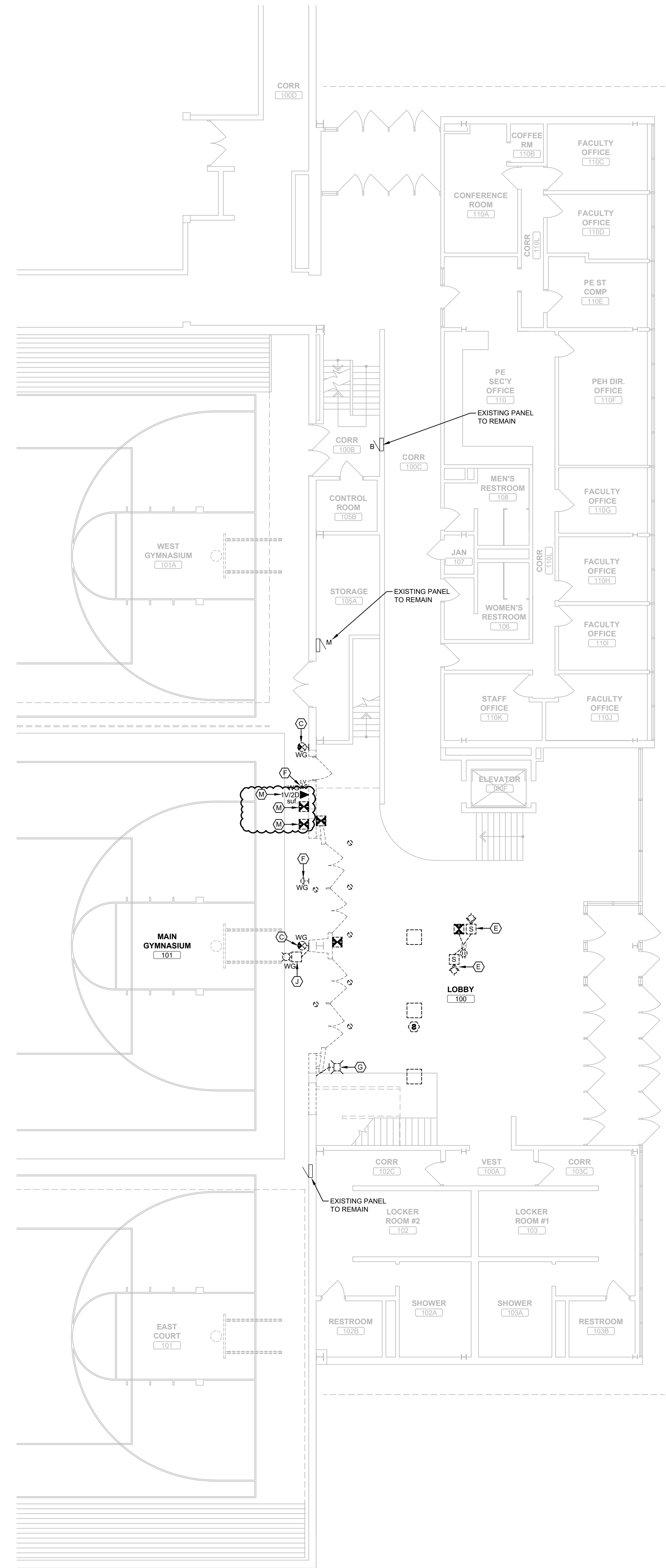
- CUT EXISTING WALLS FOR NEW WORK. PATCHING OF WALL BY GENERAL TRADE.
- PROVIDE ADDITIONAL OFFSETS IN NEW WORK AS REQUIRED FOR EXISTING CONDITIONS AND COORDINATED INSTALLATIONS.
- WHERE PIPING AND/OR DUCTWORK IS INSTALLED WITHIN 7" OF FINISHED CEILING, CLOSELY COORDINATE SYSTEMS FOR INSTALLATION BETWEEN AND AROUND LIGHT FIXTURES AND OTHER CEILING MOUNTED ITEMS (I.E. SPRINKLERS, SPEAKERS, ETC.)
- AT 90 DEGREE RETURN DUCT OR EXHAUST DUCT SQUARE ELBOWS, PROVIDE TURNING VANES AND ACCESS DOORS (FOR DUCT CLEANING). PROVIDE SQUARE ELBOWS ONLY WHERE DETAILED OR AS APPROVED BY A/E. WHERE SPACE CONSTRAINTS DO NOT ALLOW ROUNDED ELBOWS.
- REFERENCE GENERAL TRADE PARTITION SCHEDULE FOR WALL THICKNESS AND PARTINGS AS REFERENCED ON THE REFLECTED CEILING PLANS AND ARCHITECTURAL PLANS. DUCTWORK AND PIPING MUST PASS THRU FIRE RATED WALLS IN PERPENDICULAR POSITION AND SHALL BE COORDINATED WITH THE FIRSTSTOPPING TRADE TO ALLOW FOR MINERAL WOOL/FIRE STOPPING TO BE INSTALLED ABOVE DUCTWORK LOCATED AGAINST THE STRUCTURE. WHERE MULTIPLE PENETRATIONS OCCUR IN THE SAME OPENING, THEY MUST BE APPROVED BY THE FIRSTSTOPPING TRADE PRIOR TO INSTALLATION. UNAPPROVED COMBINATION OF PENETRATIONS WILL BE RE-INSTALLED INTO SEPARATE APPROVED PENETRATIONS AT CONTRACTOR'S EXPENSE.

Revisions:			
No.	Date	By	Description
01	10/20/2023		ADDENDUM #01

Graphic Scale	
UWSA Number	H-22-001
MSN Number	
Set Type	BD
Date Issued	09/20/2023
Sheet Number	<b>M101</b>



**A4 SECOND FLOOR DEMOLITION PLAN**  
ED101 1/8" = 1'-0"



**A10 FIRST FLOOR DEMOLITION PLAN**  
ED101 1/8" = 1'-0"

**DEMOLITION NOTES**

- ALL ELECTRICAL EQUIPMENT/FIXTURES AND DEVICES SHOWN DASHED ON THE DEMOLITION PLAN ARE INTENDED TO BE DISCONNECTED AND REMOVED UNLESS NOTED OTHERWISE. ELECTRICAL ITEMS REMOVED AND NOT RELOCATED REMAIN THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ANY MATERIAL THE OWNER DOES NOT WANT TO REUSE OR RETAIN.
- THE DRAWINGS ARE INTENDED TO INDICATE THE SCOPE OF WORK REQUIRED AND DO NOT INDICATE EVERY J-BOX, CONDUIT, OR WIRE THAT MUST BE REMOVED. THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE SCOPE OF DEMOLITION NECESSARY TO ACCOMMODATE THE ELECTRICAL WORK. REFER TO SPECS FOR ADDITIONAL REQUIREMENTS.
- GC SHALL REMOVE AND REPLACE ALL CEILING TILES AS REQUIRED FOR THE EXECUTION OF ELECTRICAL WORK OUTSIDE THE LIMITS OF CONSTRUCTION. DAMAGED TILES SHALL BE REPLACED BY THE GC WITH IDENTICAL MATERIAL.
- EC TO RE-SUPPORT EXISTING CONDUITS TO REMAIN PER N.E.C. AS REQUIRED. RE-SUPPORT EXISTING COMMUNICATION CABLEING TO REMAIN PER TIA/EIA STANDARDS AS REQUIRED.
- DISCONNECT AND REMOVE ANY BOXES, CONDUIT, OR RACEWAY DETERMINED TO BE ABANDONED THAT IS EXPOSED BY DEMOLITION.
- WHERE CONDUIT RUN IS EXPOSED, ALL ASSOCIATED SUPPORTS, HANGERS, CLAMPS, ETC. SHALL ALSO BE REMOVED. WHERE CONDUIT IS RUN IN CONCRETE SLAB, CUT OFF FLUSH WITH CONCRETE. PULL OUT WIRE AND PLUS THE OPENING AS REQUIRED FOR FIRE RATING.
- WHERE ELECTRICAL DEVICES (I.E. LIGHTS, RECEPTACLES, SWITCHES, ETC.) ARE BEING REMOVED, ALL ASSOCIATED WIRE AND CONDUIT BACK TO THE PANELBOARD OR FEEDER JUNCTION BOX SERVING THE DEVICES SHALL BE REMOVED. WHERE WALLS ARE TO REMAIN, CONDUIT IS ALLOWED TO REMAIN IN WALL WHEN NOT CONFLICTING WITH NEW DEVICES(S), BUT SHALL BE REMOVED ABOVE CEILING BACK TO THE PANELBOARD.

ALL EXISTING DATA CABLE(S) SHALL BE SALVAGED FOR REUSE (AS FEASIBLE) UNLESS OTHERWISE NOTED ON THE PLANS.

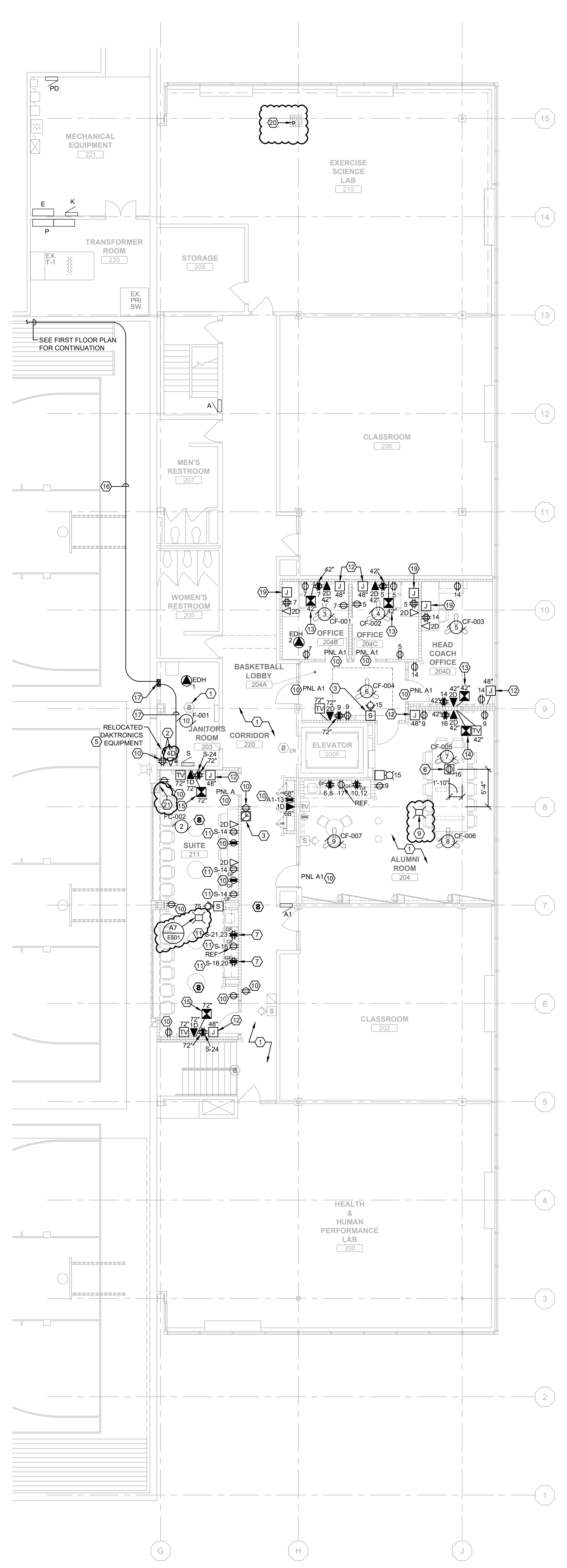
**PLAN KEYED NOTES**  
(THIS SHEET ONLY)

- A DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE(S), SALVAGE EXISTING CIRCUIT(S) FOR REUSE. REFERENCE THE LIGHTING OR POWER/SYSTEMS PLAN(S) (AS APPLICABLE).
- B DISCONNECT AND REMOVE THE LIGHT FIXTURE ABOVE THE FINISHED CEILING. REMOVE THE CONDUIT AND WIRING BACK TO THE NEAREST J-BOX.
- C DISCONNECT, REMOVE AND SALVAGE EXISTING EXIT SIGN AND CIRCUIT FOR REUSE. REFERENCE THE LIGHTING PLANS.
- D EXISTING SURFACE LIGHT FIXTURE(S) TO BE RELOCATED. REVISE THE EXISTING CIRCUIT AND BACK BOX LOCATION. REFERENCE THE SECOND FLOOR LIGHTING PLAN.
- E DISCONNECT AND REMOVE EXISTING DEVICES(S), SALVAGE EXISTING CIRCUIT(S) FOR REUSE. REFERENCE THE POWER/SYSTEMS PLANS.
- F DISCONNECT, REMOVE AND SALVAGE EXISTING LIGHTING DEVICES(S) AND CIRCUIT FOR REUSE. REFERENCE THE FIRST FLOOR LIGHTING PLAN.
- G DISCONNECT, REMOVE AND SALVAGE EXISTING WIRELESS ACCESS POINT. REMOVE CABLING BACK TO THE MAIN IDF IN THE BASEMENT. REFERENCE THE FIRST AND SECOND FLOOR POWER/SYSTEMS PLANS (AS APPLICABLE).
- H EXISTING DAKTRONICS EQUIPMENT CABINET TO BE RELOCATED. PULL EXISTING WIRING/CABLES BACK TO THE WEST IN THE JANITORS ROOM 203. COORDINATE WITH THE OWNER. REFERENCE THE SECOND FLOOR POWER/SYSTEMS PLAN.
- I DISCONNECT, REMOVE AND SALVAGE EXISTING SYSTEMS CLOCK AND CIRCUIT FOR REUSE. REFERENCE THE SECOND FLOOR POWER/SYSTEMS PLAN.
- J DISCONNECT, REMOVE AND SALVAGE EXISTING FIRE ALARM STROBE WITH WIRE GUARD AND FIRE ALARM CIRCUIT FOR REUSE. REFERENCE THE SECOND FLOOR POWER/SYSTEMS PLAN.
- K DISCONNECT AND REMOVE EXISTING DEVICES(S), SALVAGE EXISTING BACK BOX AND CIRCUIT FOR REUSE. REFERENCE THE SECOND FLOOR LIGHTING PLAN.
- L DISCONNECT AND REMOVE EXISTING FLOOR OUTLET. REMOVE CIRCUIT BACK TO NEAREST J-BOX. GENERAL TRADE TO PATCH EXISTING FLOOR.
- M DISCONNECT, REMOVE AND SALVAGE EXISTING DEVICES(S), SURFACE CONDUITS AND BOXES(S) AS FEASIBLE. SALVAGE EXISTING DATA CABLE AND/OR AV CABLES FOR REUSE. REFERENCE THE FIRST FLOOR POWER/SYSTEMS PLAN.
- N DISCONNECT EXISTING FLOOR BOX/OUTLET. REMOVE EXISTING COVER AND WIRING BACK TO THE NEAREST J-BOX. MAINTAIN SERVICE TO RECEPTACLE(S) DOWN STREAM. ABANDON THE EXISTING BOX IN THE FLOOR. GENERAL TRADE TO PATCH FLOOR. COORDINATE WITH THE GENERAL TRADE.

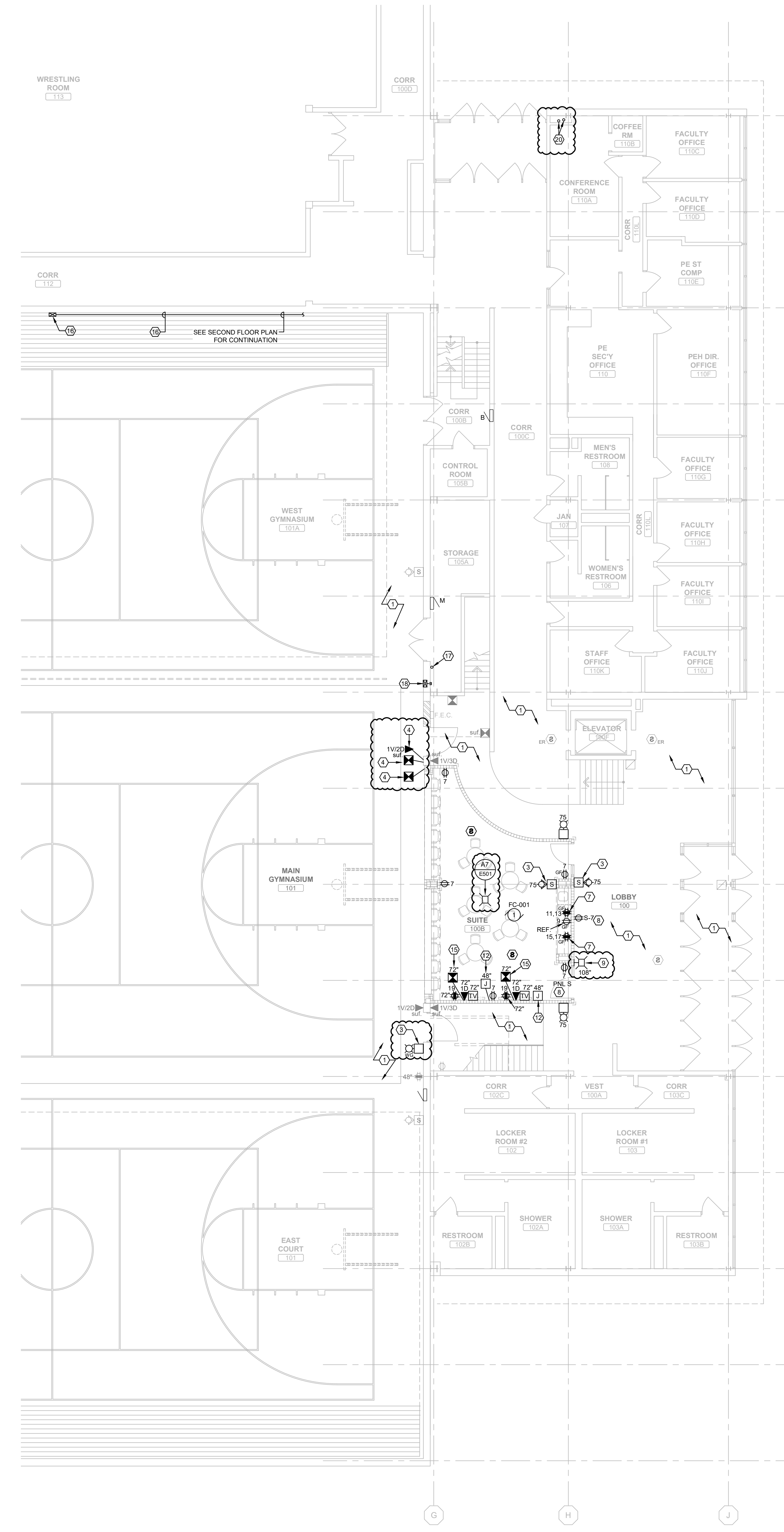
Revisions:

No.	Date	By	Description
01	10/20/2023		ADDENDUM #01

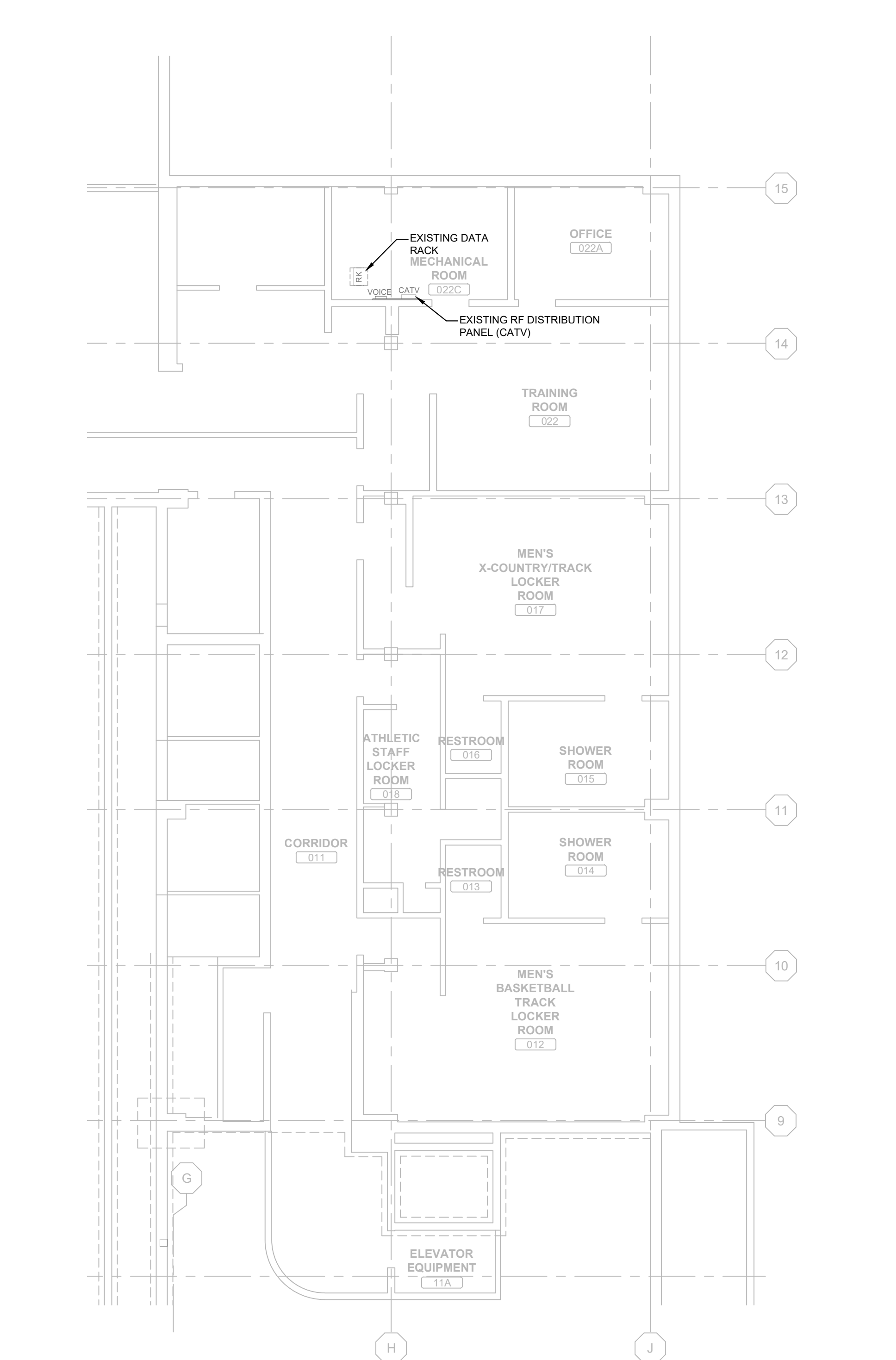
Graphic Scale	0" 2" 4" 8" 12"
UWSA Number	H-22-001
MSN Number	
Set Type	BD
Date Issued	09/20/2023
Sheet Number	<b>ED101</b>



**A1 SECOND FLOOR POWER AND SYSTEMS PLAN**  
 1/8" = 1'-0"  
 0' 2' 4' 6' 8' 10' 12'



**A6 FIRST FLOOR POWER AND SYSTEMS PLAN**  
 1/8" = 1'-0"  
 0' 2' 4' 6' 8' 10' 12'



**F14 PARTIAL BASEMENT FLOOR PLAN**  
 1/8" = 1'-0"  
 0' 2' 4' 6' 8' 10' 12'

**GENERAL PLAN NOTES**

- POWER AND DATA DEVICES SHOWN ON NEW CASEWORK AT LOW HEIGHT ARE INTENDED TO BE MOUNTED WITHIN THE KNEE SPACE OF THE NEW CASEWORK. COORDINATE WITH CASEWORK SUPPLIER/INSTALLER. REFERENCE THE ARCHITECTURAL CASEWORK DETAILS ON THE 700 SERIES SHEETS.
- AT ALL TV LOCATIONS, EC SHALL COORDINATE WITH GC AND OWNER FOR THE EXACT LOCATIONS OF ALL ASSOCIATED ELECTRICAL AND LOW VOLTAGE DEVICES. THE INTENT IS THE DEVICES SHALL BE LOCATED BEHIND THE TV, SIZE SELECTED BY OWNER, AND AVOID CONFLICTS WITH MOUNTING BRACKET INSTALLED BY OWNER.
- REFERENCE RECEPTACLE WIRING DETAIL, **CHS 1507**.
- EXISTING DATA RACK IN THE BASEMENT TO BE UTILIZED TO TERMINATE ALL NEW DATA OUTLETS(DROP(S)).
- ALL LOW VOLTAGE CABLING/WIRING MAYBE ROUTED FREE AIR ABOVE CONCEALED CEILING.
- EXISTING RF DISTRIBUTION PANEL IN THE BASEMENT TO BE UTILIZED TO SERVE ALL NEW CATV OUTLET(S) AT THE TV'S. PROVIDE A 10FT SERVICE LOOP AT THE DISTRIBUTION PANEL. FINAL CONNECTIONS TO THE EXISTING CATV SYSTEM WILL BE DONE BY THE OWNER.
- PROVIDE DATA DROP AT LOCATION FOR ALL NEW WIRELESS ACCESS POINT(S) SHOWN ON THE FLOOR PLAN. PROVIDE 18FT. OF COILED CABLE ABOVE FINISHED CEILING.

**PLAN KEYED NOTES CONT...**

- PROVIDE A 4" SQUARE BACK BOX MOUNTED AT 42" AFF WITH A 3/4" CONDUIT STUBBED ABOVE THE CEILING FOR AV CABLING. PROVIDE PLASTIC BUSHINGS AT THE STUBBED END OF THE CONDUIT. COORDINATE WITH THE OWNER.
- PROVIDE A TWO 4" CONDUITS FOR CABLE PATHWAY. ONE CONDUIT FROM THE BASEMENT STUBBED UP ABOVE THE FIRST FLOOR FINISHED CEILING FOR CABLE PATHWAY. THE OTHER CONDUIT FROM THE BASEMENT STUBBED UP ABOVE THE SECOND FLOOR FINISHED CEILING FOR CABLE PATHWAY. COORDINATE THE EXACT LOCATION OF CONDUIT(S) AROUND THE EXISTING CONDUITS AND BEAMS.
- ROUTE THE POWER CIRCUIT(S) THAT SERVES THE FIRST FLOOR SUITE 100B IN THE WALL CAVITY TO THE FLOOR BELOW.

**PLAN KEYED NOTES**  
 (THIS SHEET ONLY)

- EXISTING POWER DEVICE(S)/CONNECTION(S), TELECOMMUNICATIONS, FIRE ALARM DEVICE(S) TO REMAIN IN SERVICE.
- SURFACE MOUNT NEW BACK BOX AND CONDUIT ONTO THE EXISTING WALL TO FEED NEW DEVICE(S).
- REINSTALL EXISTING DEVICES(S) SALVAGED FROM DEMOLITION. PROVIDE CONDUIT AND WIRING AS REQUIRED.
- REINSTALL EXISTING SURFACE CONDUIT(S), BOXES(S), DEVICES(S) AND DATA/CABLING SALVAGED FROM DEMOLITION. COORDINATE EXACT LOCATIONS WITH THE OWNER.
- RE-CONNECT EXISTING CABLE(S) ASSOCIATED WITH THE EXISTING DAKRONICS EQUIPMENT BEING RELOCATED. PROVIDE A 1" CONDUIT STUBBED UP NEAR THE STRUCTURAL CEILING FOR CABLING. PROVIDE PLASTIC BUSHINGS ON EACH END OF THE CONDUIT.
- PROVIDE NEW 6" FIRE RATED POKE-THRU DEVICE BY LEGRAND, MODEL NO. 6AT OR EQUAL. PROVIDE TWO DUPLEX RECEPTACLES WITHIN THE DEVICE. COVER PLATE SHALL BE BLACK.
- PROVIDE A DEDICATED CIRCUIT TO EACH DUPLEX RECEPTACLE IN THE SAME BACK BOX.
- PROVIDE NEW BREAKER(S) IN THE EXISTING PANEL INDICATED ON SECOND FLOOR TO FEED NEW DEVICE(S). PROVIDE CONDUIT AND WIRING AS REQUIRED.
- REINSTALL EXISTING WIRELESS ACCESS POINT AT NEW LOCATION. COORDINATE EXACT LOCATION WITH THE OWNER. REUSE THE EXISTING CABLE AS FEASIBLE. PROVIDE NEW CABLE AS REQUIRED.
- UTILIZE EXISTING CIRCUIT SALVAGED FROM DEMOLITION TO FEED NEW DEVICE(S). PROVIDE CONDUIT AND WIRING AS REQUIRED.
- PROVIDE NEW BREAKER(S) IN THE EXISTING PANEL INDICATED TO FEED NEW DEVICE(S). PROVIDE CONDUIT AND WIRING AS REQUIRED.
- PROVIDE A TWO GANG BACK BOX AT LOCATION SHOWN, WITH A 3/4" CONDUIT STUBBED ABOVE THE CEILING FOR TV/MONITOR WALL CONTROLLER. PROVIDE PLASTIC BUSHINGS AT THE STUBBED END OF THE CONDUIT. COORDINATE WITH THE OWNER.
- PROVIDE A 4" SQUARE BACK BOX WITH A BLANK COVER PLATE AT LOCATION, WITH A 1 1/4" CONDUIT STUBBED ABOVE THE CEILING FOR AV CABLING. PROVIDE PLASTIC BUSHINGS AT THE STUBBED END OF THE CONDUIT. COORDINATE WITH THE OWNER.
- PROVIDE A 4" SQUARE BACK BOX AT 42" AFF WITH A BLANK COVER PLATE. PROVIDE A 2" GROMMET IN THE COVER PLATE. PROVIDE A SINGLE GANG BACK BOX AT 18" AFF WITH A 3/4" CONDUIT BETWEEN THE TWO BOXES. PROVIDE A 1 1/4" CONDUIT FROM THE HIGHER BOX STUBBED ABOVE THE CEILING. PROVIDE PLASTIC BUSHINGS AT THE END OF THE CONDUIT. COORDINATE WITH THE OWNER.
- PROVIDE A 4" SQUARE BACK BOX AT 27" AFF WITH A BLANK COVER PLATE. PROVIDE A 2" GROMMET IN THE COVER PLATE. PROVIDE A 4" SQUARE BACK BOX WITH A BLANK COVER PLATE AT 18" AFF. PROVIDE A 3/4" CONDUIT BETWEEN THE TWO BOXES. PROVIDE A 1 1/4" CONDUIT FROM THE HIGHER BOX STUBBED ABOVE THE CEILING. PROVIDE PLASTIC BUSHINGS AT THE END OF THE CONDUIT. COORDINATE WITH THE OWNER.
- PROVIDE TWO 12"x12"x6" PULL BOXES, ONE AT 48" AFF AND THE OTHER AT 18FT AFF FOR AV CABLING. COORDINATE EXACT LOCATION WITH THE OWNER. PROVIDE A 4" CONDUIT BETWEEN THE TWO BOXES. PROVIDE A 4" CONDUIT ABOVE THE FINISHED CEILING FROM THE HIGH BOX TO THE JANITOR ROOM 203. COORDINATE CONDUIT ROUTE WITH EXISTING DUCTWORK AND PIPING. ANY EXPOSED CONDUIT SHALL BE PAINTED BLACK TO MATCH EXISTING CONDITIONS.
- PROVIDE A 8"x8"x6" BOX WITH HINGED DOOR RECESSED INTO THE EXISTING WALL. MOUNTED AT 12" AFF. PROVIDE A 4" CONDUIT STUBBED TO THE STORAGE ROOM 105A. PROVIDE PLASTIC BUSHING AT THE END OF THE CONDUIT. THIS CONDUIT SHALL BE UTILIZED FOR A PATHWAY FOR AV CABLING. COORDINATE EXACT LOCATION WITH THE OWNER.

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**UNIVERSITY OF WISCONSIN PLATTEVILLE**  
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**WILLIAMS FIELDHOUSE SEATING RENOVATION**  
 Project Location: UNIVERSITY OF WISCONSIN - PLATTEVILLE  
 PLATTEVILLE, WISCONSIN  
 Sheet Title: FIRST AND SECOND FLOOR POWER-SYSTEMS PLANS

Revisions:			
No.	Date:	By:	Description:
01	10/20/2023		ADDENDUM #01

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NO.	SERVING	HP	VOLTS	PHASE	LOAD			LOCATION	PANEL CKT	BREAKER	WIRE			CONDUIT SIZE	STARTER				DISCONNECT				NOTES		
					WATTS	FLA	MCA				NO.	SIZE	GND		TYPE	SIZE	ENCL. (NEMA)	BY	MOUNT	SIZE	FUSE SIZE	ENCL. (NEMA)		BY	MOUNT
1	FAN COIL FC-001	FRAC	120	1	-	-	100B	S-7	20A/1P	2	#12	#12	1/2"	-	-	-	-	-	30A	-	1	ES	WU	1,2,6	
2	FAN COIL FC-002	FRAC	120	1	-	-	211	S-14	20A/1P	2	#12	#12	1/2"	-	-	-	-	-	30A	-	1	ES	WU	1,2,6	
3	CEILING FAN CF-001	-	120	1	40	-	204B	A1-7	(EX) 20A/1P	2	#12	#12	1/2"	-	-	-	-	-	-	-	-	-	-	2,3,4,5,6	
4	CEILING FAN CF-002	-	120	1	40	-	204C	A1-5	(EX) 20A/1P	2	#12	#12	1/2"	-	-	-	-	-	-	-	-	-	-	2,3,4,5,6	
5	CEILING FAN CF-003	-	120	1	40	-	204D	A1-14	(EX) 20A/1P	2	#12	#12	1/2"	-	-	-	-	-	-	-	-	-	-	2,3,4,5,6	
6	CEILING FAN CF-004	-	120	1	40	-	204A	A1-9	(EX) 20A/1P	2	#12	#12	1/2"	-	-	-	-	-	-	-	-	-	-	2,3,4,5,6	
7	CEILING FAN CF-005	-	120	1	40	-	204	A1-13	(EX) 20A/1P	2	#12	#12	1/2"	-	-	-	-	-	-	-	-	-	-	2,3,4,5,6	
8	CEILING FAN CF-006	-	120	1	40	-	204	A1-13	(EX) 20A/1P	2	#12	#12	1/2"	-	-	-	-	-	-	-	-	-	-	2,3,4,5,6	
9	CEILING FAN CF-007	-	120	1	40	-	204	A1-13	(EX) 20A/1P	2	#12	#12	1/2"	-	-	-	-	-	-	-	-	-	-	2,3,4,5,6	
10	FAN F-001	1/4	120	1	-	5.8	-	203	S-14	20A/1P	2	#12	#12	1/2"	-	-	-	-	30A	-	1	ES	WU	1,2,6	

ABBREVIATIONS:  
 COMB - COMBINATION STARTER/FUSED DISCONNECT      IWS - INTEGRAL WITH STARTER  
 MAG - MAGNETIC STARTER                                      SS - SOLID STATE; REDUCED VOLTAGE STARTER  
 MAN - MANUAL STARTER                                      NU - NEAR UNIT  
 VFD - VARIABLE FREQUENCY DRIVE                      OU - ON UNIT  
 TS - TOGGLE SWITCH/HORSE POWER RATED SWITCH      WU - WITH UNIT

NOTES:  
 1. PROVIDE NEW BREAKER IN EXISTING PANEL TO FEED NEW MOTOR.  
 2. PROVIDE ALL CONDUIT, BACK BOXES, AND WIRING REQUIRED FOR A COMPLETE INSTALLATION.  
 3. UTILIZE EXISTING CIRCUIT SALVAGED FROM DEMOLITION TO FEED NEW MOTOR, REFERENCE THE FLOOR PLAN.  
 4. INSTALL WIRE SWITCH/CONTROLLER FURNISHED WITH CEILING FAN.  
 5. PROVIDE A CEILING FAN RATED JUNCTION BOX.  
 6. COORDINATE WITH HVAC TRADE FOR ELECTRICAL REQUIREMENTS.

NO.	SERVING	VOLTS	PHASE	LOAD			ROOM / LOCATION	RECEPTACLE			CIRCUIT	BREAKER			WIRE			CONDUIT SIZE	NOTES		
				WATTS	FLA	MCA		STD	GFI	TWIST LOCK		HEIGHT	DATA	AMPS/POLES	TYPE	NO.	SIZE			#10	#12
1	ELECTRIC DUCT HEATER (EDH)	120	1	1750	-	18.2	203	-	-	-	-	S-22	30A/1P	TM	2	#10	#12	1/2"	2,3,4		
2	ELECTRIC DUCT HEATER (EDH)	120	1	1000	-	16.4	204B	-	-	-	-	A-11	(EX) 20A/1P	TM	2	#12	#12	1/2"	1,3,4		

ABBREVIATIONS:  
 SP - SPARE BREAKER                                      TM - THERMAL MAGNETIC  
 STD - STANDARD    SS - SOLID STATE  
 GFI - GROUND FAULT INTERRUPTER                      KW - KILOWATT  
 ST - SHUNT-TRIP    FLA - FULL LOAD AMPS  
 GND - GROUND    MCA - MAIN CIRCUIT AMPS

NOTES:  
 1. UTILIZE EXISTING SPARE BREAKER IN PANEL INDICATED. REFERENCE THE FLOOR PLAN.  
 2. PROVIDE NEW BREAKER IN EXISTING PANEL INDICATED.  
 3. PROVIDE DIRECT CONNECTION TO DEVICE.  
 4. COORDINATE WITH HVAC TRADE FOR ALL ELECTRICAL REQUIREMENTS.

PANEL DESIGNATION	MANUFACTURER	LOCATION	TYPE	BUS AMPS	MCB	MLO	VOLTAGE RATING	PHASE / WIRE	TUBS				RATING (A.I.C.)	CIRCUIT BREAKERS				NOTES				
									NO.	CKT.	TOTAL BREAKER SPACE	MOUNT		QTY.	AMP	POLE	TYPE		QTY.	AMP	POLE	TYPE
EX PNL S	SQUARE D (ND)	203	P	100	-	X	120/208	3-PHASE 4-WIRE	1	30	-	SURFACE	VERIFY	14	20A	1	TM	-	-	-	-	1

ABBREVIATIONS:  
 EDB - ENCLOSED CIRCUIT BREAKER                      P - PANELBOARD                                      SWBD - SWITCHBOARD  
 FTL - FEED THRU LUGS                                      PP - POWER PANEL                                    TM - THERMAL MAGNETIC  
 GFCI - GROUND FAULT CIRCUIT INTERRUPTING              SFL - SUB FEED LUGS (KIT)                          USS - UNIT SUB-STATION  
 L - LOAD CENTER    ST - SHUNT-TRIP  
 MCC - MOTOR CONTROL CENTER                          SP - SPARE BREAKER

NOTES:  
 1. PROVIDE NEW BREAKER(S) FOR EXISTING PANEL. THEY SHALL BE THE SAME TYPE AND HAVE AN AIC RATING WHICH MATCHES THE EXISTING BREAKERS.

TYPE	BASIS OF DESIGN MANUFACTURER CATALOG NUMBER	ACCEPTABLE MANUFACTURERS	FITTURE DESCRIPTION	LIGHT SOURCE TYPE	DELIVERED LUMENS	COLOR TEMPERATURE	POWER SOURCE			DESIGNED INPUT WATTS	VOLTAGE	MOUNT HEIGHT	FITTURE DEPTH	NOTES
							QTY.	DRIVER TYPE	MIN DIM %					
G2	GOTHAM LIGHTING CAT# EV06-3520-AR-LSS-MWD-MVOLT-G210-TRW	PORTFOLIO PRESCOLITE LIGHTOLIER	6" APERTURE RECESSED DOWN LIGHT, 0-10V DIMMING DRIVER, 80 CRI, MEDIUM BEAM SPREAD (60-95°), SELF WHITE FLANGE, SEMI-SPECULAR CLEAR ALZAK REFLECTOR	L	2000 lm MIN	3500K	1	DIM	1	19	120	-	6"	1,2
G3	GOTHAM LIGHTING CAT# EV06-3530-AR-LSS-MWD-MVOLT-G210-TRW	PORTFOLIO PRESCOLITE LIGHTOLIER	6" APERTURE RECESSED DOWN LIGHT, 0-10V DIMMING DRIVER, 80 CRI, MEDIUM BEAM SPREAD (60-95°), SELF WHITE FLANGE, SEMI-SPECULAR CLEAR ALZAK REFLECTOR	L	3000 lm MIN	3500K	1	DIM	1	30	120	-	6"	1,2
G4	LIGHT HEADED CAT# 535-059-01-30-3M-D20W-24V	PORTFOLIO PRESCOLITE SIGNIFY LIGHTING	2" APERTURE RECESSED PUCK LIGHT, REMOTE DRIVER, 90 CRI, WHITE TRIM, PHASE DIMMER	L	190 lm	3000K	1	PDD	10	3	120	-	9/16"	1,3
G5	VANTAGE LIGHTING CAT# AV0FLEDESU-2035K-W0060-SGC-ZDM	PORTFOLIO PRESCOLITE SIGNIFY LIGHTING	6" APERTURE RECESSED DOWN LIGHT, 0-10V DIMMING DRIVER, 80 CRI, WIDE BEAM SPREAD (60-80°), SELF WHITE FLANGE, SEMI-SPECULAR CLEAR ALZAK REFLECTOR, 3" MAX. HEIGHT	L	1600 lm MIN 2000 lm MAX	3500K	1	DIM	1	28	120	-	3"	1,2
GA	GOTHAM LIGHTING CAT# ICGADJ-3510-AR-T40-LSS-300-120-G210-TRW	ALPHABET LIGHTING	4" APERTURE ADJUSTABLE RECESSED DOWN LIGHT, 360° ROTATION, 40° TILT OF LIGHT SOURCE, 80 CRI, 0-10V DIMMING DRIVER, 30 DEG. BEAM SPREAD, CLEAR SEMI-SPECULAR REFLECTOR, WHITE FLANGE	L	750 lm MIN	3500K	1	DIM	10	10	120	-	6"	1,2
U	LIJ ARCHITECTURAL LIGHTING CAT# LL-LACA-0W-20-35K-120V-80-90° / LL-LAC-20-PWR-HW-120IN / LL-LAC-EXT-SQR-SA-F-94IN	COOPER LIGHTING HUBBELL LIGHTING SIGNIFY LIGHTING	UNDERCABINET LIGHTING, LINE VOLTAGE, LED TAPE, 120" HARDWIRED CONNECTOR, MOUNTING EXTRUSION, FROSTED LENS, END CAPS, MOUNTING CLIPS	L	370 lm/ft	3500K	1	-	-	30	120	-	.79"	1,4
V1	LITHONIA LIGHTING CAT# BLT4-40L-ADP-EZ1-LP835	METALUX COLUMBIA LIGHTING SIGNIFY LIGHTING	1x4, RECESSED VOLUMETRIC FITTURE, MEDIUM LUMEN OUTPUT, GRID LAY-IN INSTALLATION, 0-10V DIMMING DRIVER (10%-100% DIMMING)	L	4000 lm MIN	3500K	1	DIM	10	33	120	-	3"	1,2
V2	LITHONIA LIGHTING CAT# BLT4-48L-ADP-EZ1-LP835	METALUX COLUMBIA LIGHTING SIGNIFY LIGHTING	1x4, RECESSED VOLUMETRIC FITTURE, MEDIUM LUMEN OUTPUT, GRID LAY-IN INSTALLATION, 0-10V DIMMING DRIVER (10%-100% DIMMING)	L	4800 lm MIN	3500K	1	DIM	10	39	120	-	3"	1,2

ABBREVIATIONS:  
 ALD - ACTUAL LUMEN OUT  
 B.O.F. - AFFAIG TO BOTTOM OF FITTURE  
 C.O.F. - AFFAIG TO CENTER OF FITTURE  
 DIM - 0-10V DIMMING DRIVER  
 DMX - DMX DRIVER  
 ELV - ELECTRONIC LOW VOLTAGE DIMMER

EX - EXISTING  
 F - FLUORESCENT  
 H - HD  
 I - INCANDESCENT  
 L - LED  
 MAX - MAXIMUM

MIN - MINIMUM  
 P.A.F. - PAINT AFTER FABRICATION  
 PDD - PHASE DIMMING DRIVER  
 U.O.N. - UNLESS OTHERWISE NOTED  
 STD - STANDARD LED DRIVER (NON-DIMMING)  
 UNIV - UNIVERSAL VOLTAGE 120-277V

V - VARIES - SEE FLOOR PLANS

NOTES:  
 1. THE LISTED ACCEPTABLE MANUFACTURERS ARE APPROVED AS EQUALS TO THE BASIS OF DESIGN FOR THIS PROJECT AND MUST COMPLY WITH SPECIFICATIONS INDICATED IN FITTURE DESCRIPTION AS WELL AS MATCH PERFORMANCE AND APPEARANCE TO THE BASIS OF DESIGN SELECTED FITTURE. PRODUCTS NOT EQUAL IN AESTHETICS, LIGHT DISTRIBUTION, CONSTRUCTION QUALITY AND PERFORMANCE TO THE BASIS OF DESIGN WILL NOT BE ACCEPTED.  
 2. PROVIDE DIMMER SWITCH TO CONTROL LED FITTURES TO MINIMUM (1% OR 10%) BEFORE SHUT OFF. DIMMER MUST BE COMPATIBLE WITH SELECTED MANUFACTURER'S FITTURE.  
 3. LOCATE REMOTE DRIVER ABOVE THE FINISHED CEILING IN ROOM 204.  
 4. PROVIDE MOUNTING CLIPS, END CAPS, ETC. FOR A COMPLETE INSTALLATION.  
 5. REFERENCE UNDERCABINET FITTURE MOUNTING DETAIL A12/E501.

DEVICE SYMBOL	DEVICE TYPE	BASIS OF DESIGN MANUFACTURER (CATALOG NUMBER)	ACCEPTABLE MANUFACTURER (MODEL SERIES)	LIGHTING DEVICE DESCRIPTION	VOLTAGE	NOTES
OS	CEILING OCCUPANCY SENSOR	ACUITY (SENSOR SWITCH) (CM-PDT-9)	WATTSTOPPER HUBBELL LEVITON COOPER (GREENGATE)	DUAL TECHNOLOGY OCCUPANCY SENSOR, CEILING MOUNTED, SMALL MOTION 360° COVERAGE AREA, HIGH DENSITY	24 VDC	1,2,3,4
	OCCUPANCY SENSOR (CORNER OF ROOM)	ACUITY (SENSOR SWITCH) (WV-PDT-15)	WATTSTOPPER HUBBELL LEVITON COOPER (GREENGATE)	DUAL TECHNOLOGY OCCUPANCY SENSOR, CEILING OR WALL MOUNTED (CORNER OF ROOM TYP.), 120° COVERAGE AREA	24 VDC	1,2,3,4

NOTES:  
 1. ACCEPTABLE MANUFACTURERS MUST COMPLY WITH SPECIFICATIONS INDICATED IN LIGHTING CONTROLS DESCRIPTION. PRODUCTS NOT EQUAL IN QUALITY, TECHNOLOGY AND PERFORMANCE WILL NOT BE ACCEPTED.  
 2. PROVIDE POWER PACK(S) AND TRANSFORMER(S) AS REQUIRED.  
 3. WIRE ALL SENSORS AHEAD OF ANY SWITCHES WITHIN THE SPACE TO PROVIDE MANDATORY "OFF". ADJUST THE TIME, SENSITIVITY AND/OR DIRECTIONAL SETTINGS OF THE UNIT TO OWNER'S SATISFACTION.  
 4. LOCATIONS OF OCCUPANCY SENSORS SHOWN ARE DIAGRAMMATIC. ACTUAL LOCATION SHALL BE DETERMINED IN THE FIELD (BY E.C.) BASED ON FURNITURE LAYOUT AND AS RECOMMENDED BY THE MANUFACTURER. PROVIDE A SPARE 5 FT. OF CONDUCTORS AT EACH SENSOR LOCATION FOR FIELD ADJUSTMENT IN FUTURE.

