

# RENOVATIONS TO COLLEGE OF NURSING AND HEALTH PROFESSIONS

## ARKANSAS STATE UNIVERSITY

### JONESBORO, ARKANSAS

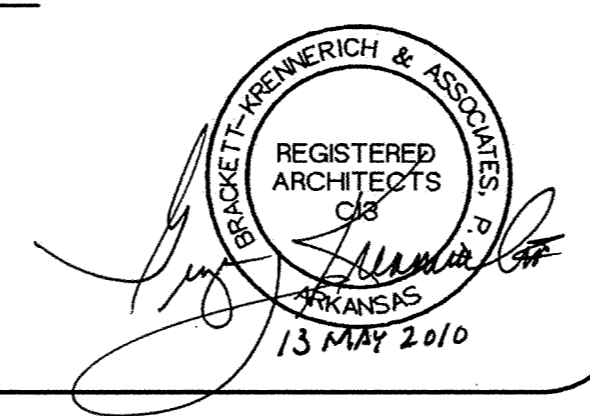
#### ARKANSAS FIRE PREVENTION CODE DATA

INTERNATIONAL BUILDING CODE 2006

<b>OCCUPANCY CLASSIFICATION</b>	Group B, Business	<b>OCCUPANCY LOAD</b> (Table 1003.2.2.2)	515
<b>TOTAL BUILDING AREA</b>	51,448 sq.ft. Gross	<b>EXIT ACCESS STRATEGY</b>	Exit Through Stairs Directly To Exterior
First Floor	15,538 sq.ft.	<b>EXIT REQUIREMENTS</b>	Min. No. of Exits 2
Second Floor	8,362 sq.ft.	Min. Door Size	36"(ADA)
Third Floor	6,887 sq.ft.	Max Distance To Exit	200'-0"
Fourth Floor	6,887 sq.ft.	Egress Level	.2" Per Person
Fifth Floor	6,887 sq.ft.	<b>SEISMIC ZONE</b>	1, Category C
Sixth Floor	6,887 sq.ft.		
<b>BUILDING HEIGHT</b>	84'-2"		
<b>NUMBER OF STORIES</b>	Six (6)		
<b>TYPE OF CONSTRUCTION</b>	Type 1-A, Unsprinklered		
<b>ALLOWABLE HEIGHT</b> (Table 503)	UNLIMITED		
<b>ALLOWABLE AREA</b> (Table 503)	UNLIMITED		
<b>MAXIMUM NO. OF STORIES</b>	UNLIMITED		
<b>BUILDING SETBACKS</b>			
North	115'-0" feet to property line		
East	111'-0" feet to highway		
South	130'-0" feet to property line		
West	125'-0" feet to property line		

I hereby certify that these plans and specifications have been prepared by me, or under my supervision. I further certify that to the best of my knowledge these plans and specifications are as required by law and in compliance with the Arkansas Fire prevention code for the State of Arkansas.

*George J. Krennerich III*  
George J. Krennerich III



#### INDEX TO DRAWINGS

Architectural Drawing Index	
Sheet Number	Sheet Name
---	COVER SHEET
A001	DOOR SCHEDULE, FINISH SCHEDULE, HOLLOW METAL FRAME SCHEDULE, VISUAL DOOR TYPES
A100	CNHP SECOND FLOOR PLAN, SECOND FLOOR DEMOLITION PLAN
A101	CNHP THIRD FLOOR PLAN, THIRD FLOOR DEMOLITION PLAN
A102	CNHP FOURTH FLOOR PLAN, FOURTH FLOOR DEMOLITION PLAN
A400	CNHP SECOND FLOOR REFLECTED CEILING PLAN
A401	CNHP FOURTH FLOOR REFLECTED CEILING PLAN
A600	MILLWORK ELEVATIONS, MILLWORK SECTIONS

Mechanical/Plumbing Drawing Index	
Sheet Number	Sheet Name
MP101	3RD & 4TH FLOOR MECHANICAL / PLUMBING PLANS, M/P NOTES, M/P SCHEDULES, FIXTURE SCHEDULE

Electrical Drawing Index	
Sheet Number	Sheet Name
E101	2ND & 4TH FLOOR ELECTRICAL DEMOLITION PLANS
E102	2ND & 4TH FLOOR LIGHTING PLANS
E103	2ND, 3RD, & 4TH FLOOR ELECTRICAL PLANS
E201	ELECTRICAL SYMBOLS SCHEDULE, FIXTURE SCHEDULE, GENERAL NOTES

#### SYMBOLS

SECTION		SECTION NUMBER	A500
DETAIL		SHEET NUMBER	A001
DOOR		DETAIL NUMBER	1
WINDOW		SHEET NUMBER	A
ALUMINUM FRAME			
HOLLOW METAL FRAME			
EXISTING CONTOUR LINE			
NEW CONTOUR LINE			
NEW SPOT ELEVATION			123.45
FINISH ELEVATION			ELEV. = 100.00

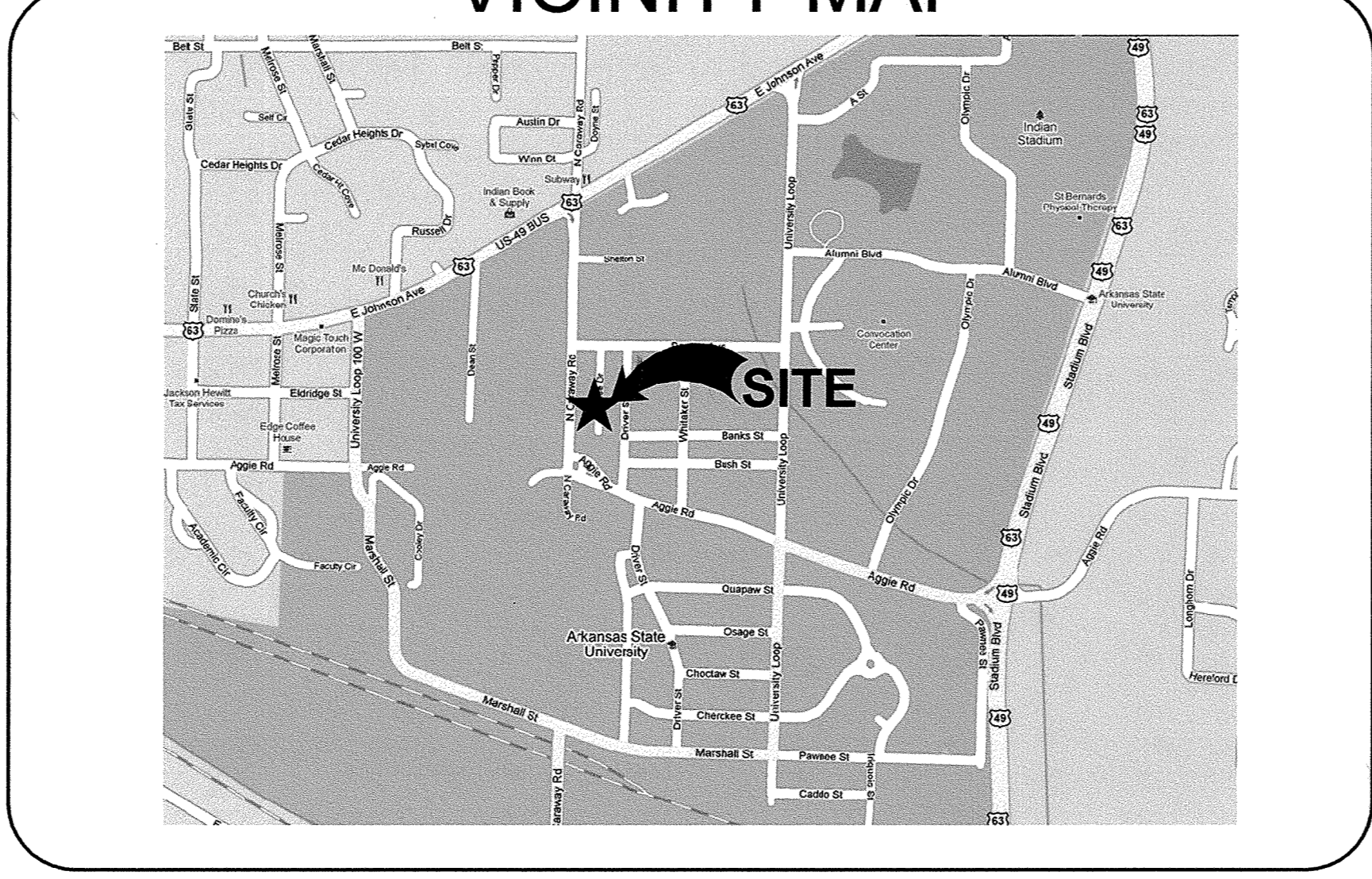
#### ABBREVIATIONS

ABOVE FINISH FLOOR	A.F.F.	MECHANICAL	MECH.
ACOUSTICAL	ACOUST.	METAL THRESHOLD	M.T.
ALUMINUM	ALUM.	NOMINAL	NOM.
APPROXIMATE	APPROX.	NOT IN CONTRACT	N.I.C.
BOTTOM OF FOOTING	B.O.F.	ON CENTER	O.C.
CEILING	CLG.	PLATE	PL
CENTER LINE	CL	REQUIRED	REQ.
EACH	EA.	SIMILAR	SIM.
ELECTRIC WATER COOLER	E.W.C.	SQUARE	SQ.
FINISH	FIN.	SUSPENDED	SUSP.
FIRE EXTINGUISHER	F.E.	TOP OF CURB	T.O.C.
FIRE EXTINGUISHER CABINET	F.E.C.	TOP OF FOOTING	T.O.F.
FLOOR	FLR.	TOP OF WALL / WALK	T.O.W.
GENERAL CONTRACTOR	G.C.	TYPICAL	TYP.
INSULATION	INSUL.	WITH	W/
JOINT	JNT.		

#### MATERIALS

CONCRETE	
STEEL	
METAL STUDS	
CONCRETE BLOCK	
PLYWOOD	
FINISH WOOD	
WOOD FRAMING OR BLOCKING	
GYPSUM BOARD	
RIGID INSULATION	
BATT INSULATION	
COMPACT FILL	
GRAVEL FILL	
ASPHALT PAVING	
EXTERIOR SHEATHING	

#### VICINITY MAP



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KRENNERICH**  
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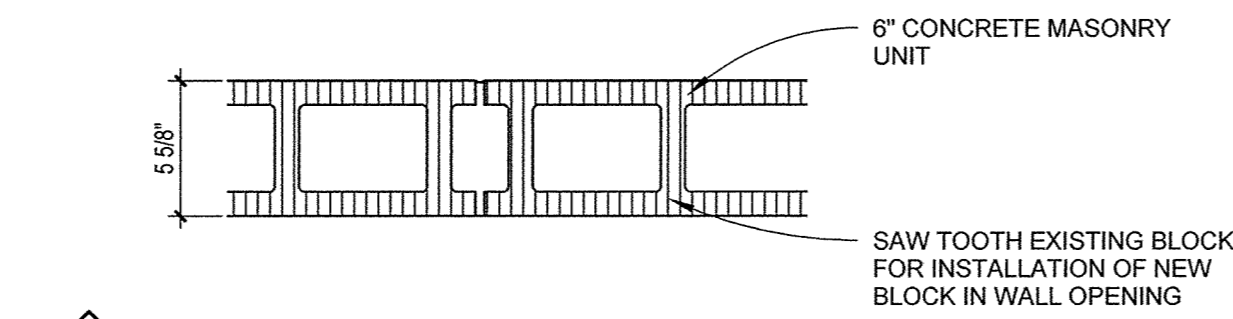
SET NUMBER

SECOND FLOOR FINISH SCHEDULE							
Room Number	Room Name	Floor Finish	Base Finish	Wall Finish	Ceiling Height	Ceiling Finish	Comments
201	X RAY LAB LOBBY	VINYL TILE	4" RUBBER COVE	PAINT EXISTING WALLS	9'-0"	2x2 SUSP. ACOUSTICAL TILE	LEAD LINED GYP BOARD TO 7'-0" A.F.F.
201A	X RAY LAB 1	VINYL TILE	4" RUBBER COVE	PAINTED GYP. BOARD	9'-0"	2x2 SUSP. ACOUSTICAL TILE	LEAD LINED GYP BOARD TO 7'-0" A.F.F.
201B	X RAY LAB 2	VINYL TILE	4" RUBBER COVE	PAINTED GYP. BOARD	9'-0"	2x2 SUSP. ACOUSTICAL TILE	LEAD LINED GYP BOARD TO 7'-0" A.F.F.
201C	X RAY LAB 3	VINYL TILE	4" RUBBER COVE	PAINTED GYP. BOARD	9'-0"	2x2 SUSP. ACOUSTICAL TILE	LEAD LINED GYP BOARD TO 7'-0" A.F.F.
AAC02	EXISTING CORRIDOR	EXISTING TO REMAIN	EXISTING TO REMAIN	PAINT NORTHWEST WALL	EXISTING	EXISTING TO REMAIN	REPAIR BASE AS REQUIRED AT EXISTING DOOR

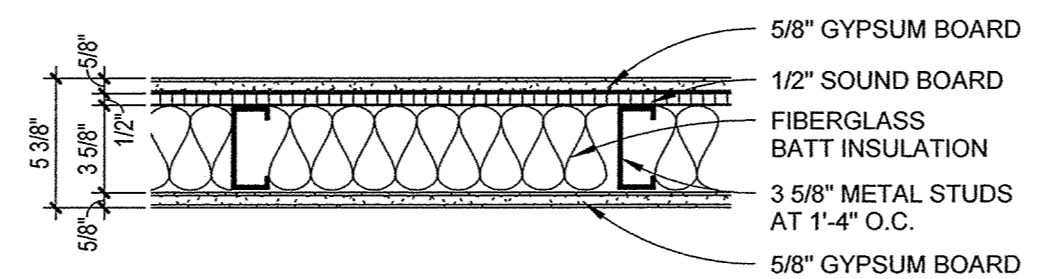
THIRD FLOOR FINISH SCHEDULE							
Room Number	Room Name	Floor Finish	Base Finish	Wall Finish	Ceiling Height	Ceiling Finish	Comments
304	SONOGRAPHY LAB	EXISTING TO REMAIN	EXISTING TO REMAIN	PAINT EXISTING WALLS	EXISTING	EXISTING TO REMAIN	PROVIDE NEW PRIVACY CURTAINS, REUSE EXISTING TRACK
304A	WORK ROOM	EXISTING TO REMAIN	EXISTING TO REMAIN	PAINT EXISTING WALLS	EXISTING	EXISTING TO REMAIN	

FOURTH FLOOR FINISH SCHEDULE							
Room Number	Room Name	Floor Finish	Base Finish	Wall Finish	Ceiling Height	Ceiling Finish	Comments
401	WOMENS RESTROOM	PORCELAIN TILE	6" PORCELAIN TILE	CERAMIC TILE/PAINTED GYP. BOARD	8'-0"	2x2 SUSP. ACOUSTICAL TILE	CERAMIC TILE WAINSCOT TO 4'-0" A.F.F.
402	STORAGE	EXISTING TO REMAIN	EXISTING TO REMAIN	PAINT EXISTING WALLS	EXISTING	EXISTING TO REMAIN	
403	JANITOR	EXISTING TO REMAIN	EXISTING TO REMAIN	PAINT EXISTING WALLS	EXISTING	EXISTING TO REMAIN	
404	OFFICE	MODULAR CARPET TILE	4" RUBBER COVE	PAINT EXISTING WALLS	EXISTING	EXISTING TO REMAIN	
405	CLASSROOM	VINYL TILE	4" RUBBER COVE	PAINT EXISTING WALLS	8'-6"	2x2 SUSP. ACOUSTICAL TILE	
405A	WORK / STORAGE	MODULAR CARPET TILE	4" RUBBER COVE	PAINT EXISTING WALLS	EXISTING	EXISTING TO REMAIN	
406	OFFICE	MODULAR CARPET TILE	4" RUBBER COVE	PAINT EXISTING WALLS	EXISTING	EXISTING TO REMAIN	
408	OFFICE	MODULAR CARPET TILE	4" RUBBER COVE	PAINT EXISTING WALLS	EXISTING	EXISTING TO REMAIN	
410	OFFICE	MODULAR CARPET TILE	4" RUBBER COVE	PAINT EXISTING WALLS	EXISTING	EXISTING TO REMAIN	
412	OFFICE	MODULAR CARPET TILE	4" RUBBER COVE	PAINTED CONC. BLOCK/PAINTED GYP. BOARD	EXISTING	EXISTING TO REMAIN	REPAIR CEILING AS REQUIRED
413	CLASSROOM	VINYL TILE	4" RUBBER COVE	PAINTED CONC. BLOCK/PAINTED GYP. BOARD	8'-6"	2x2 SUSP. ACOUSTICAL TILE	
415	CLASSROOM	VINYL TILE	4" RUBBER COVE	PAINTED CONC. BLOCK/PAINTED GYP. BOARD	8'-6"	2x2 SUSP. ACOUSTICAL TILE	
416	OFFICE	MODULAR CARPET TILE	4" RUBBER COVE	PAINT EXISTING WALLS	EXISTING	EXISTING TO REMAIN	
417	RADIATION THERAPY PREP	VINYL TILE	4" RUBBER COVE	PAINTED GYP. BOARD	8'-6"	2x2 SUSP. ACOUSTICAL TILE	
417A	OFFICE	MODULAR CARPET TILE	4" RUBBER COVE	PAINTED CONC. BLOCK/PAINTED GYP. BOARD	8'-6"	2x2 SUSP. ACOUSTICAL TILE	
418	OFFICE	MODULAR CARPET TILE	4" RUBBER COVE	PAINT EXISTING WALLS	EXISTING	EXISTING TO REMAIN	
419	OFFICE	MODULAR CARPET TILE	4" RUBBER COVE	PAINTED CONC. BLOCK/PAINTED GYP. BOARD	8'-6"	2x2 SUSP. ACOUSTICAL TILE	
419A	LOUNGE	MODULAR CARPET TILE	4" RUBBER COVE	PAINTED CONC. BLOCK/PAINTED GYP. BOARD	EXISTING	EXISTING TO REMAIN	
420	OFFICE	MODULAR CARPET TILE	4" RUBBER COVE	PAINT EXISTING WALLS	EXISTING	EXISTING TO REMAIN	
421	JANITOR	EXISTING TO REMAIN	EXISTING TO REMAIN	PAINT EXISTING WALLS	EXISTING	EXISTING TO REMAIN	
422	STORAGE	EXISTING TO REMAIN	EXISTING TO REMAIN	PAINT EXISTING WALLS	EXISTING	EXISTING TO REMAIN	
423	MENS RESTROOM	PORCELAIN TILE	6" PORCELAIN TILE	CERAMIC TILE/PAINTED GYP. BOARD	8'-0"	2x2 SUSP. ACOUSTICAL TILE	CERAMIC TILE WAINSCOT TO 4'-0" A.F.F.
AAC04	EXISTING COORIDOR	EXISTING TO REMAIN	EXISTING TO REMAIN	PAINT EXISTING WALLS	EXISTING	EXISTING TO REMAIN	

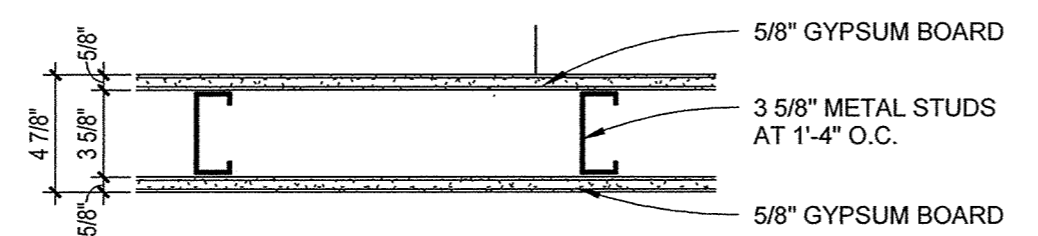
Door Number	DOOR								Label	HDWE	Remarks
	Type	Style	Threshold	Frame	Frame Depth	Head	Jamb	Sill			
1	A	PAIR		HMF-2	6 3/4"	3/A001	4/A001				
2	A	SINGLE		HMF-1	6 3/4"	3/A001	4/A001				
3	A	SINGLE		HMF-1	6 3/4"	1/A001	2/A001				
4	A	SINGLE		HMF-1	6 3/4"	3/A001	4/A001				
5	A	SINGLE		HMF-1	6 3/4"	1/A001	2/A001				
6	A	SINGLE		HMF-1	6 3/4"	1/A001	2/A001				
8											
9											



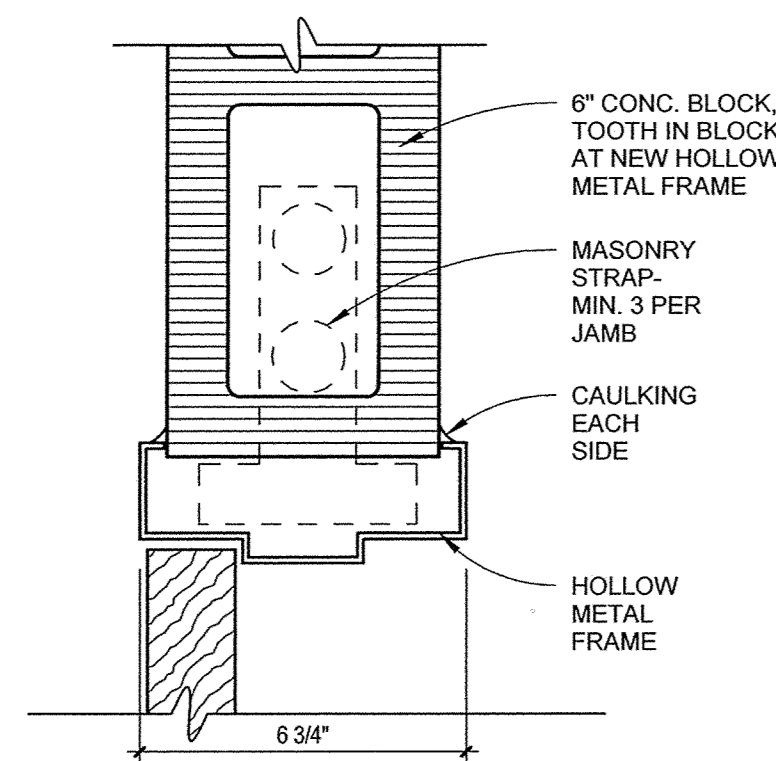
**A WALL TYPE A**  
SCALE: 1 1/2" = 1'-0"



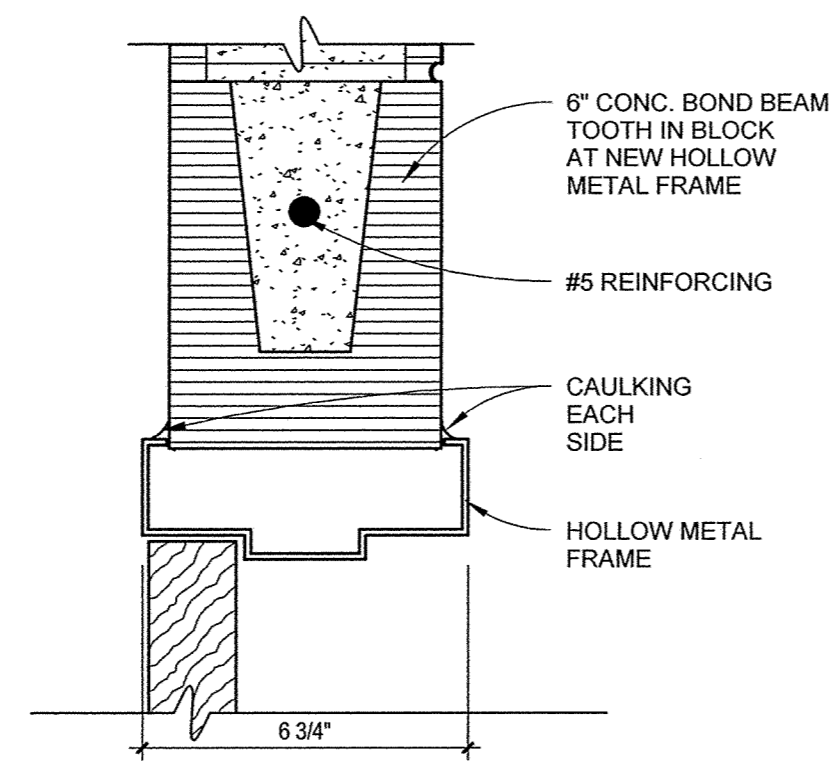
**B WALL TYPE B**  
SCALE: 1 1/2" = 1'-0"



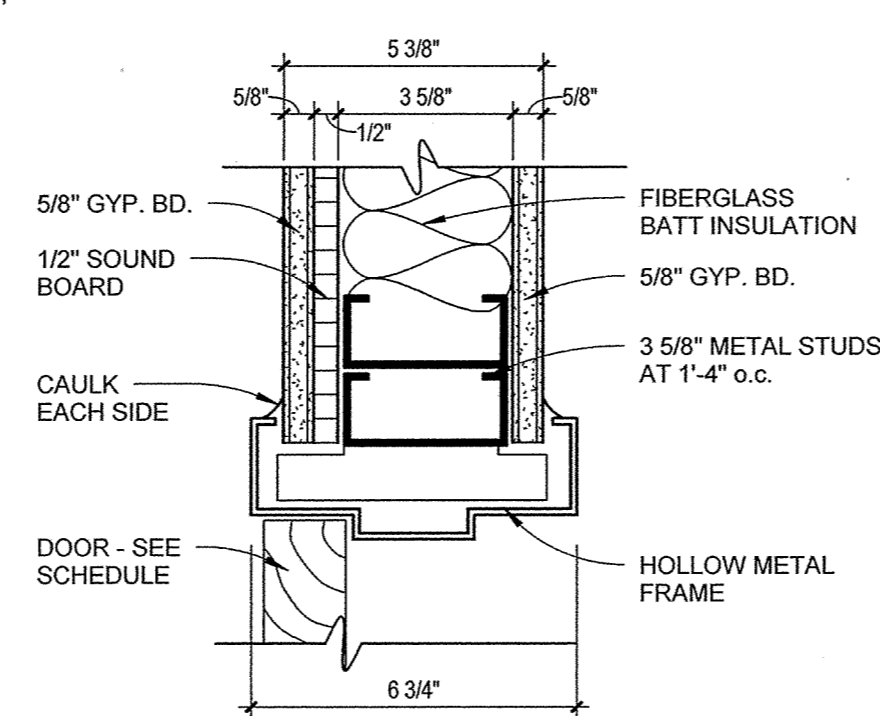
**C WALL TYPE C**  
SCALE: 1 1/2" = 1'-0"



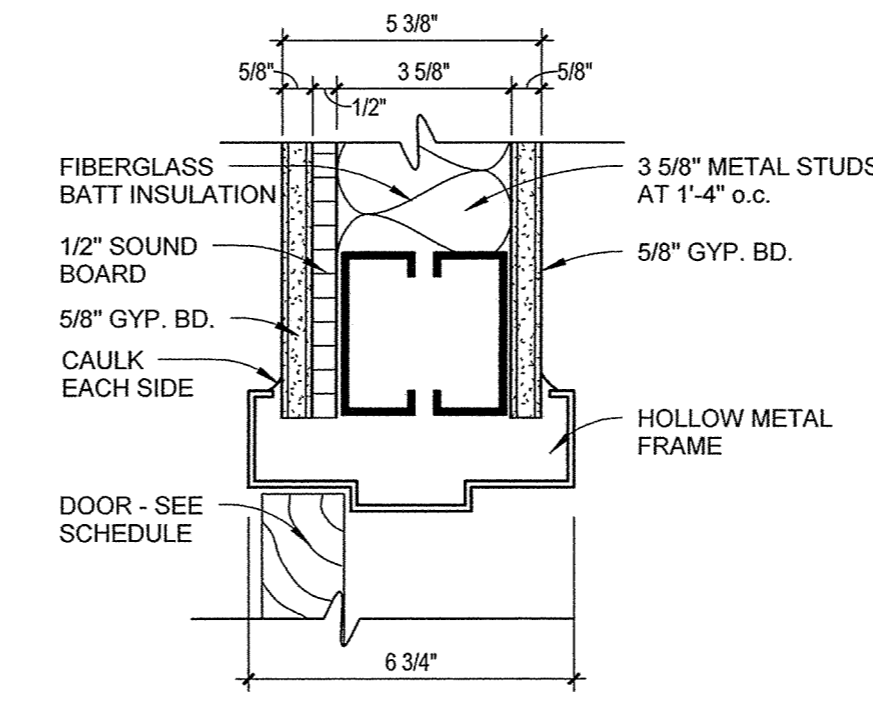
**4 jamb detail**  
SCALE: 3" = 1'-0"



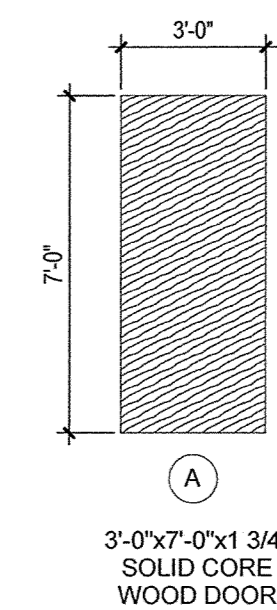
**3 head detail**  
SCALE: 3" = 1'-0"



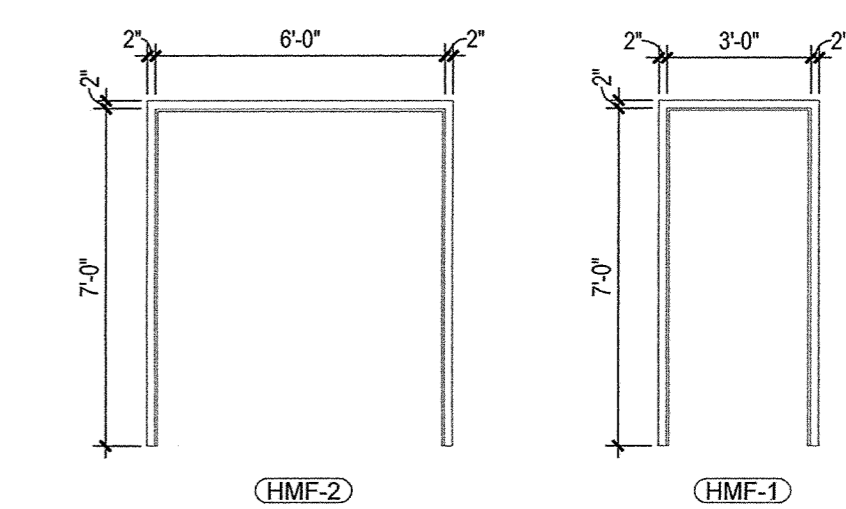
**2 jamb detail**  
SCALE: 3" = 1'-0"



**1 head detail**  
SCALE: 3" = 1'-0"



**visual door types**  
SCALE: 1/4" = 1'-0"



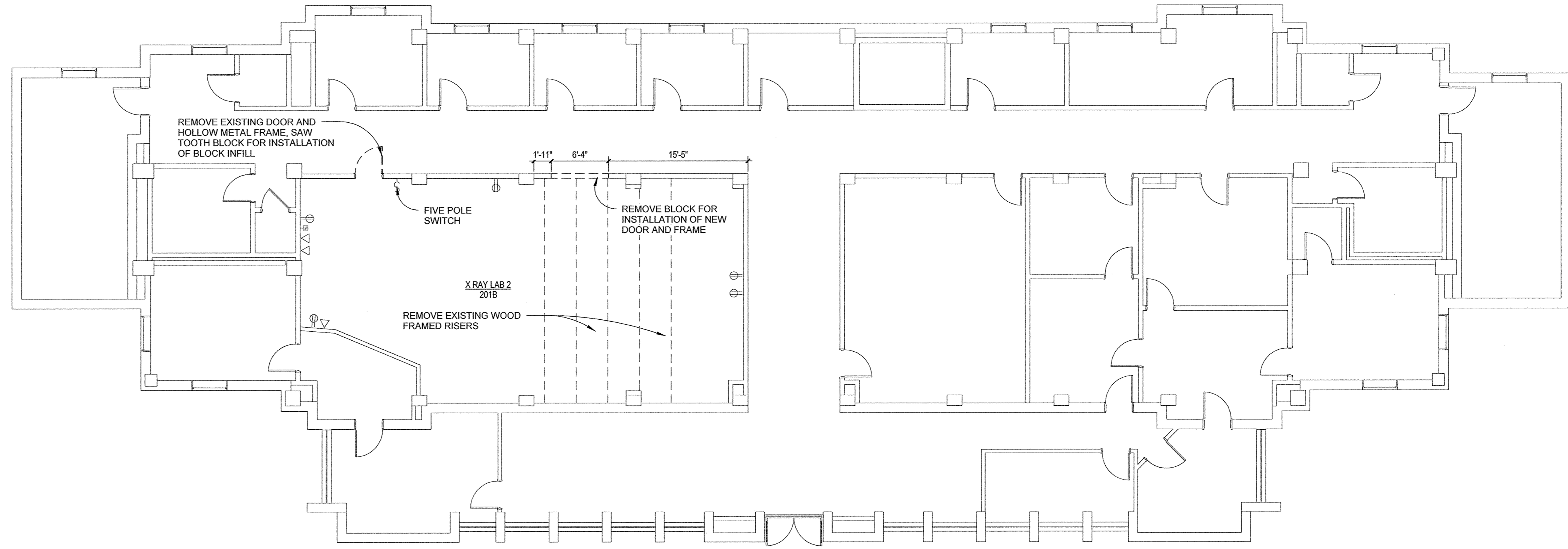
**hollow metal frame schedule**  
SCALE: 1/4" = 1'-0"

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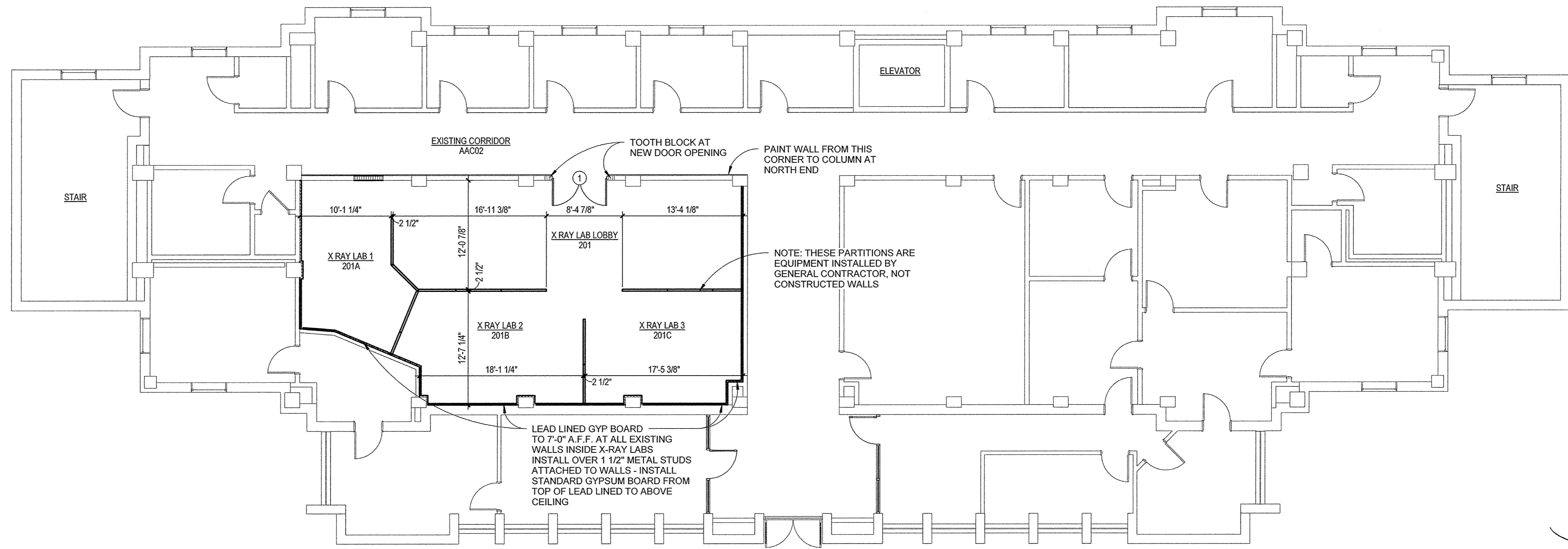
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Commission Number  
11709  
**A001**  
Date: March 19, 2010



**second floor demo plan**  
SCALE: 1/8" = 1'-0"

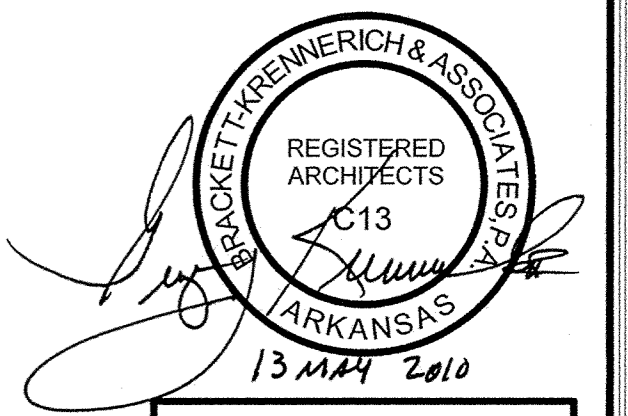


**second floor plan**  
SCALE: 1/8" = 1'-0"

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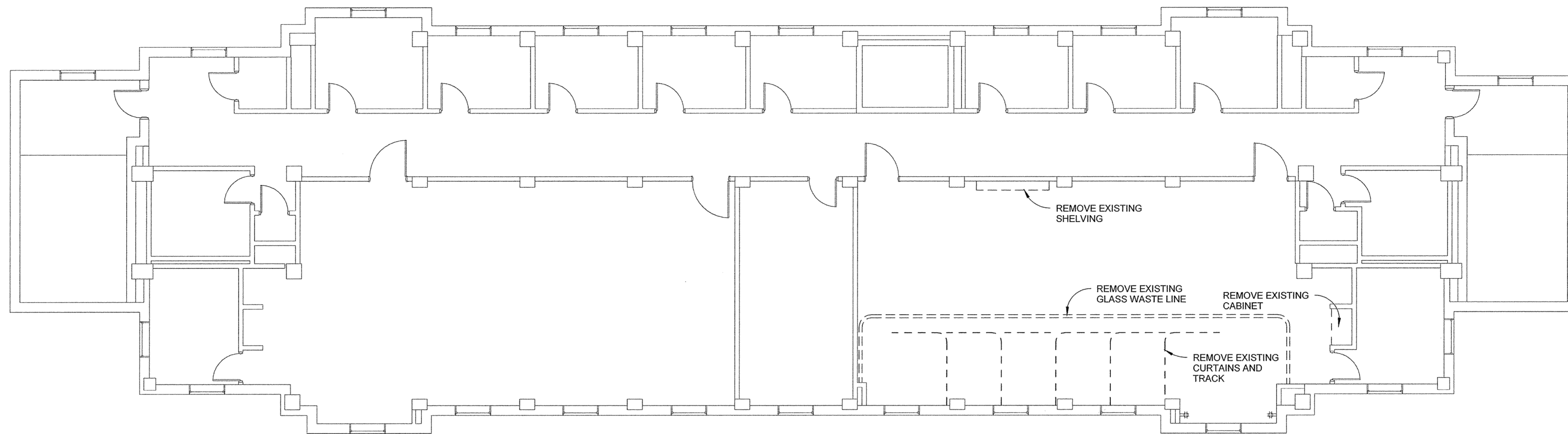


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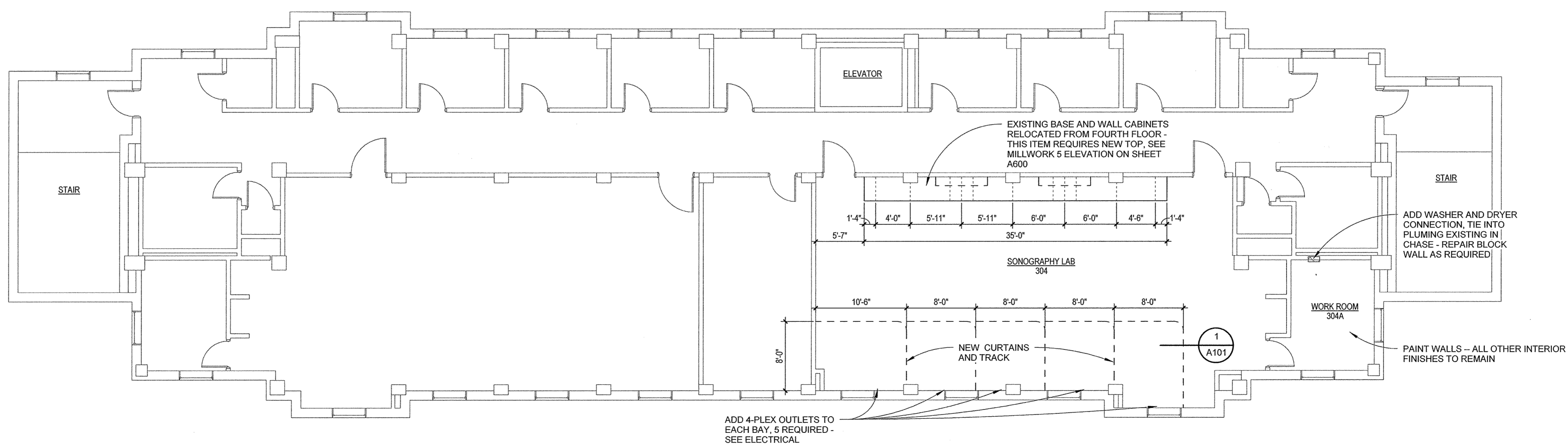
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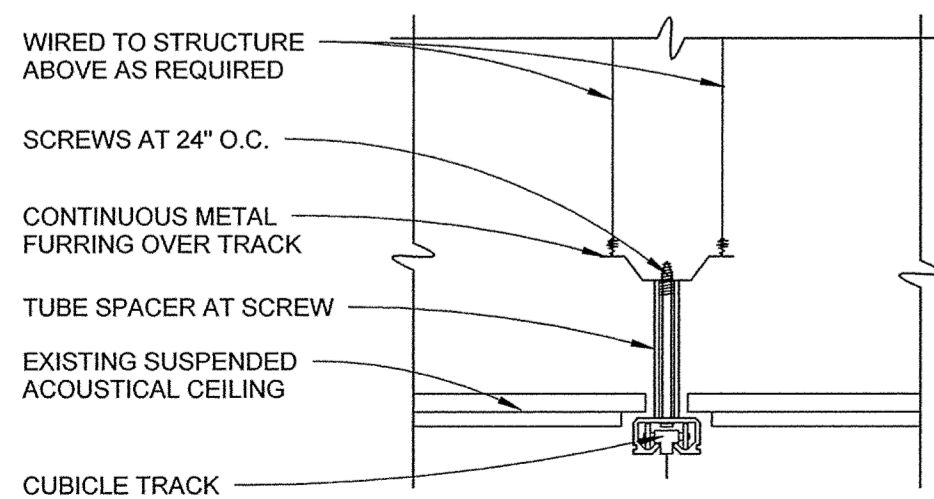
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**third floor demo plan**  
SCALE: 1/8" = 1'-0"



**third floor plan**  
SCALE: 1/8" = 1'-0"



**1 curtain track detail**  
SCALE: 1 1/2" = 1'-0"

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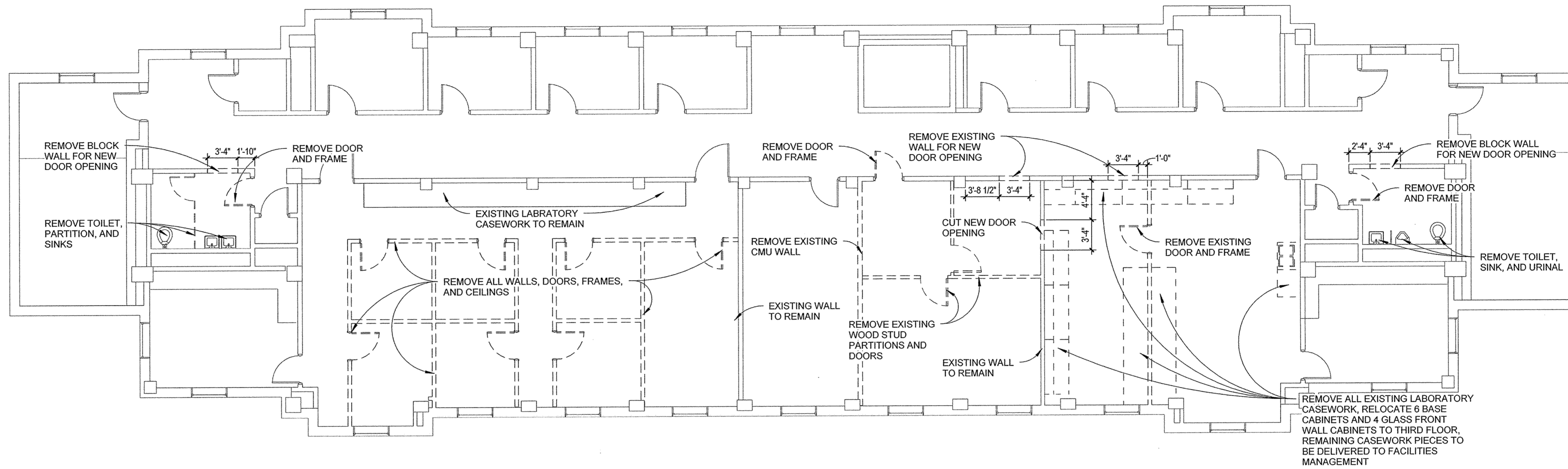
BRACKETT KRENNERICH & ASSOCIATES, P.A.  
REGISTERED ARCHITECTS  
918  
ARKANSAS  
13 MAY 2010  
Commission Number 11709  
**A101**  
Date: March 19, 2010

100 East Huntington Ave. Suite D P.O. Box 1655

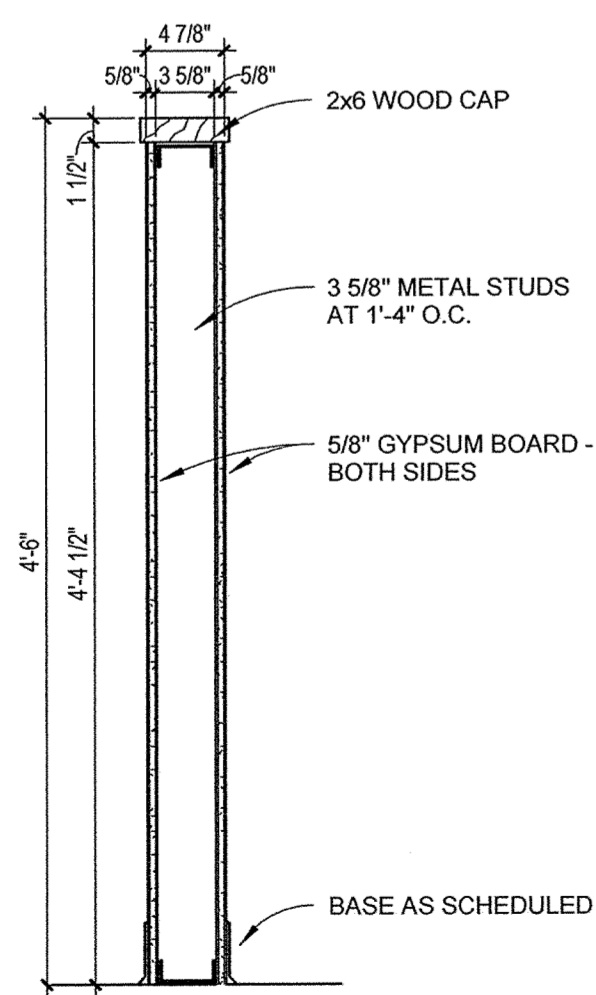
www.brackett.com

870-932-0975

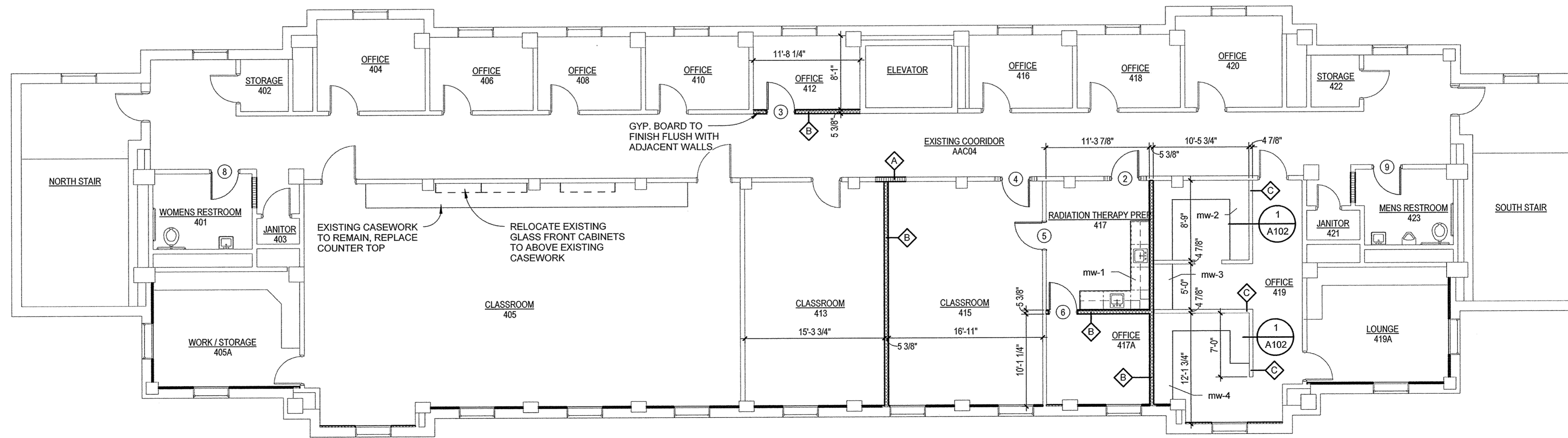
870-932-0571



**fourth floor demo plan**  
SCALE: 1/8" = 1'-0"



**1 low wall section**  
SCALE: 1" = 1'-0"



**fourth floor plan**  
SCALE: 1/8" = 1'-0"

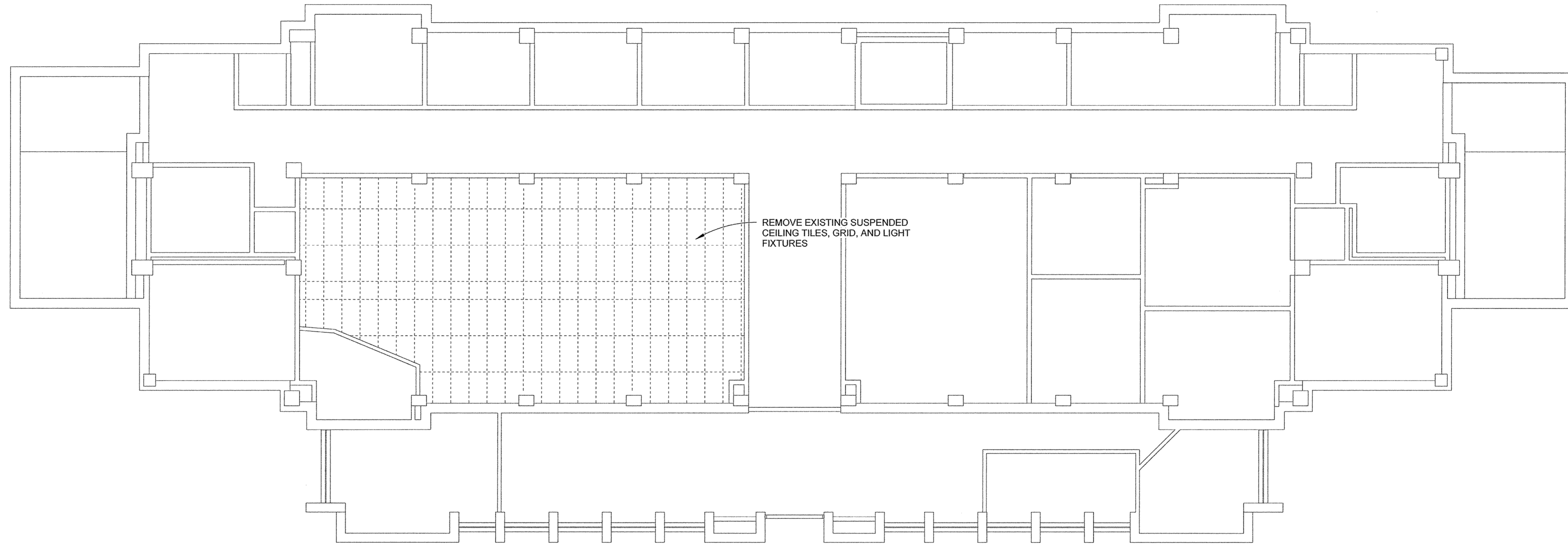
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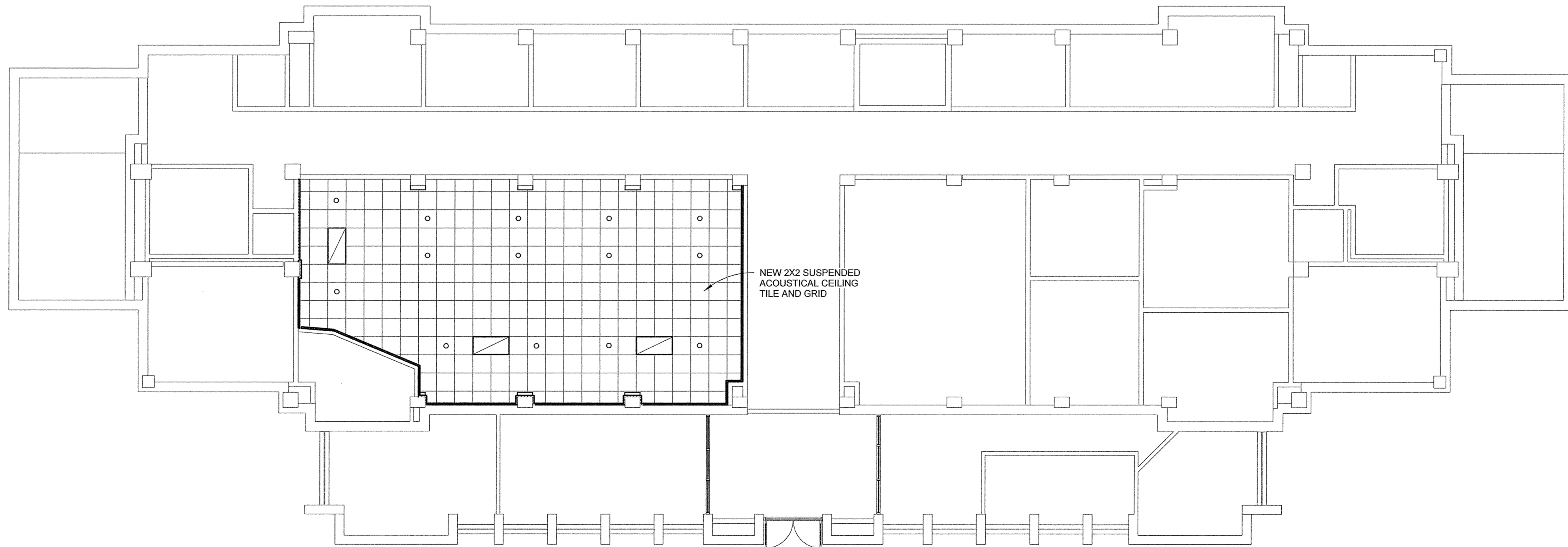
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C13  
ARKANSAS  
13 MAY 2010  
Commission Number  
11709  
**A102**  
Date: March 19, 2010

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REMOVE EXISTING SUSPENDED CEILING TILES, GRID, AND LIGHT FIXTURES

**2nd floor demolition ceiling plan**  
SCALE: 1/8" = 1'-0"



NEW 2x2 SUSPENDED ACOUSTICAL CEILING TILE AND GRID

**2nd floor reflected ceiling plan**  
SCALE: 1/8" = 1'-0"

ARCHITECTURAL	
	2x4 SUSP. ACOUSTICAL CEILING SYSTEM
	GYP. BOARD
	METAL SOFFIT
	EXPOSED STRUCTURE

MECHANICAL	
	RETURN AIR GRILLE
	SUPPLY AIR GRILLE
	EXHAUST FAN
SEE MECHANICAL PLAN FOR FURTHER DETAILS AND INFORMATION	

ELECTRICAL	
	2x4 FLUORESCENT LIGHT FIXTURE
	RECESSED CEILING LIGHT FIXTURE
	EXIT SIGN
SEE ELECTRICAL PLAN FOR FURTHER DETAILS AND INFORMATION	

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**A400**

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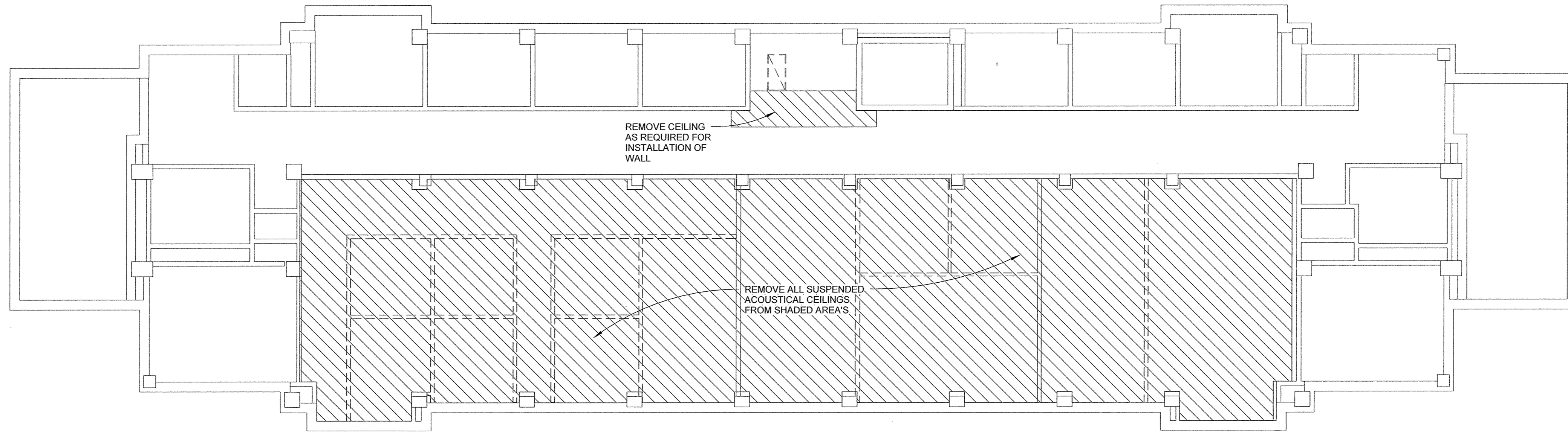
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**4th floor demolition ceiling plan**  
SCALE: 1/8" = 1'-0"

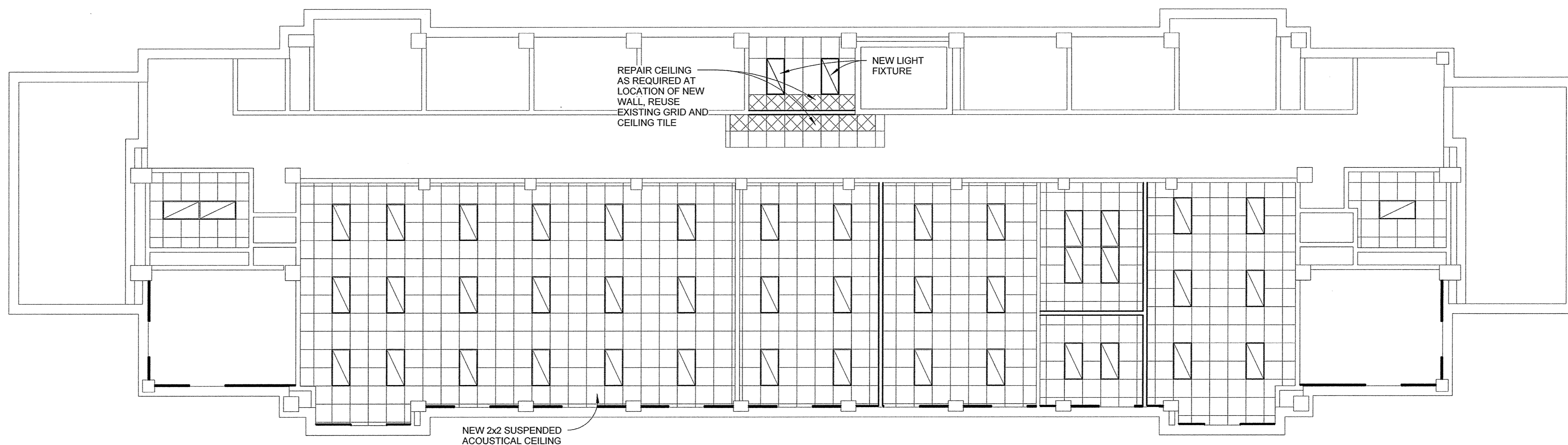
ARCHITECTURAL	
	2x4 SUSP. ACOUSTICAL CEILING SYSTEM
	GYP. BOARD
	METAL SOFFIT
	EXPOSED STRUCTURE

MECHANICAL	
	RETURN AIR GRILLE
	SUPPLY AIR GRILLE
	EXHAUST FAN
SEE MECHANICAL PLAN FOR FURTHER DETAILS AND INFORMATION	

ELECTRICAL	
	2x4 FLUORESCENT LIGHT FIXTURE
	RECESSED CEILING LIGHT FIXTURE
	EXIT SIGN
SEE ELECTRICAL PLAN FOR FURTHER DETAILS AND INFORMATION	



**4th floor reflected ceiling plan**  
SCALE: 1/8" = 1'-0"

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Commission Number 11709

**A401**

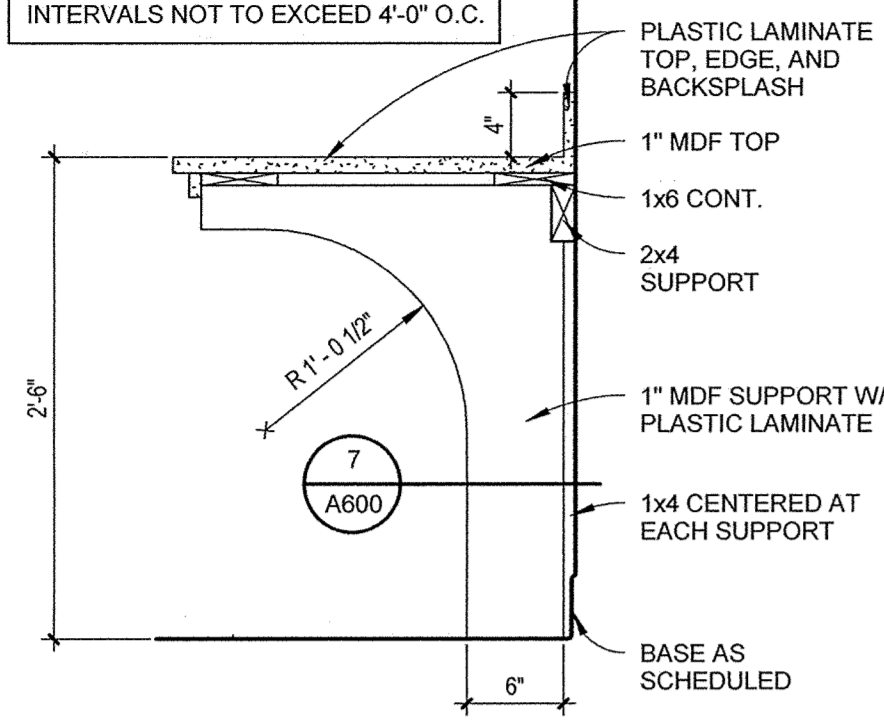
Date: March 19, 2010

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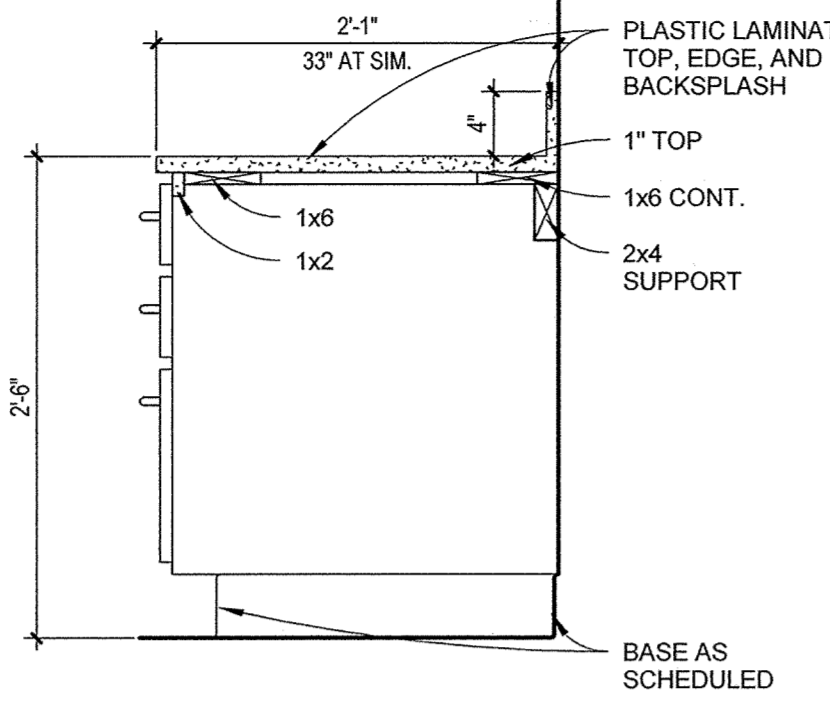
870-932-0571

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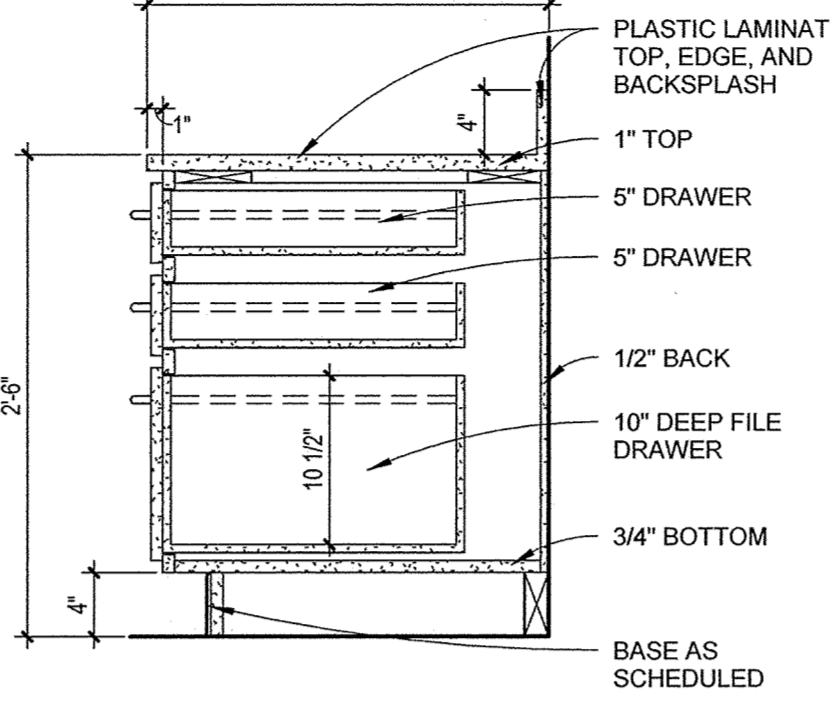
NOTE:  
SUPPORTS ARE TO BE PLACED AT  
INTERVALS NOT TO EXCEED 4'-0" O.C.



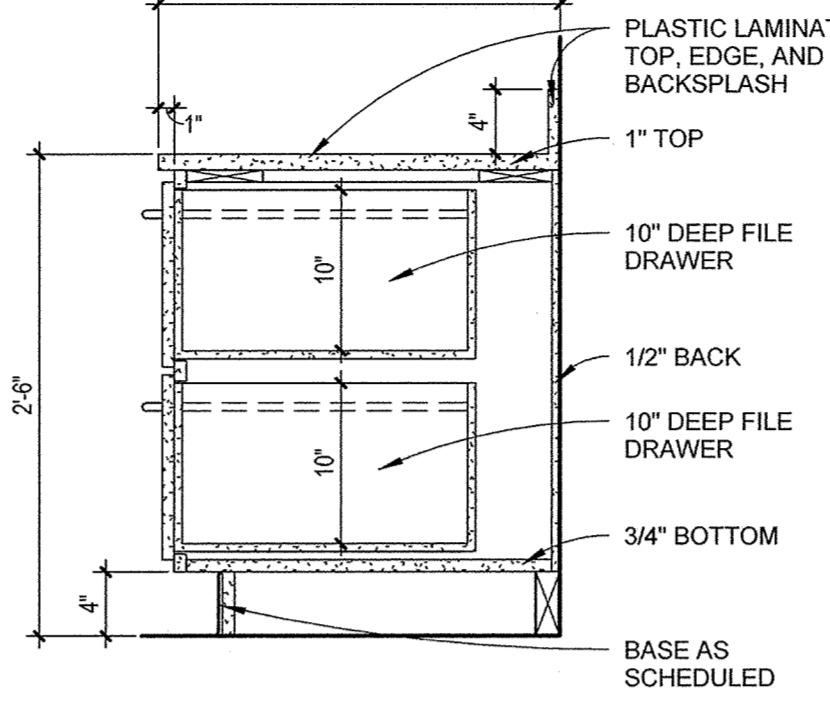
**6 cabinet section**  
SCALE: 1" = 1'-0"



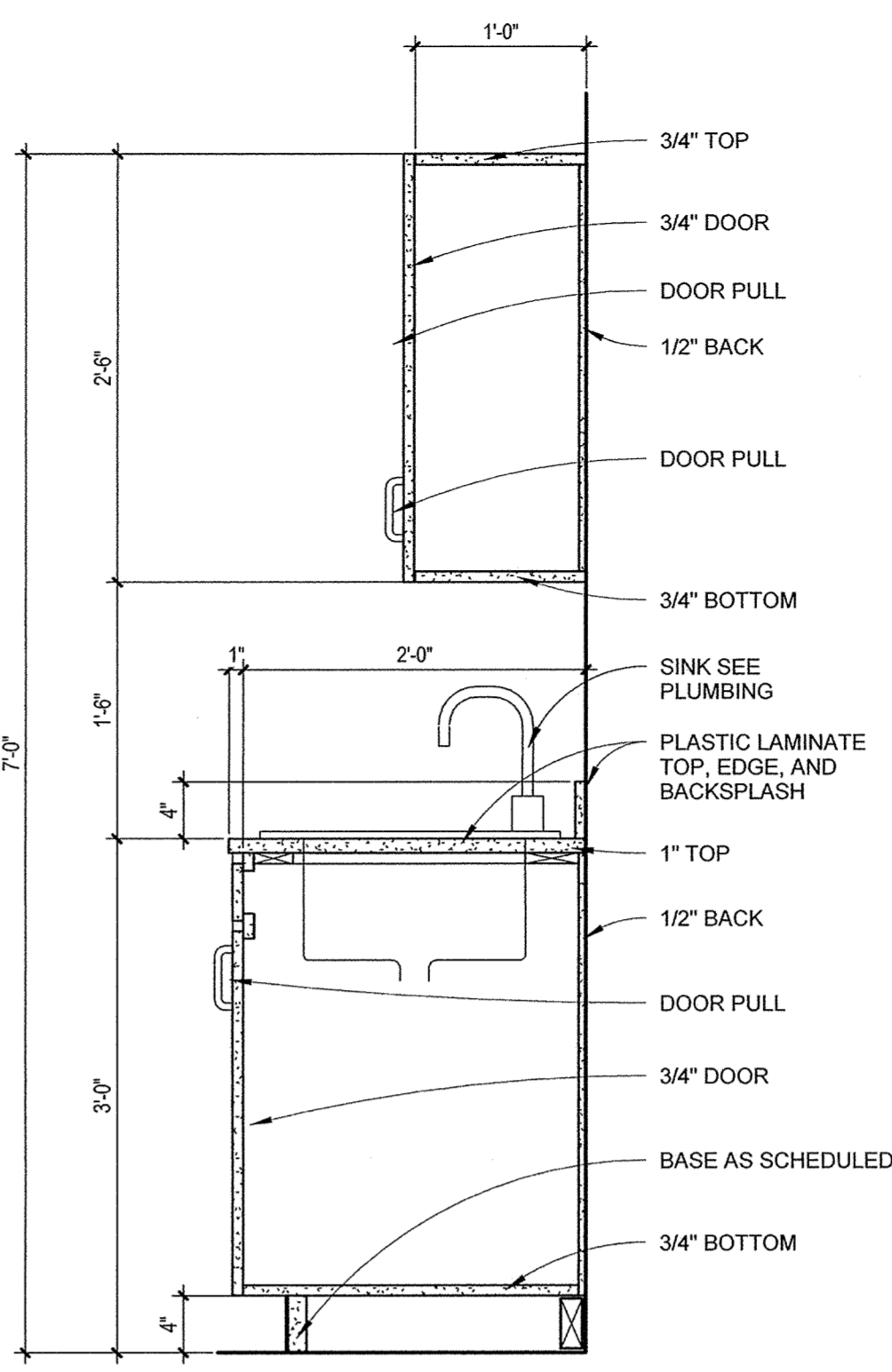
**5 cabinet section**  
SCALE: 1" = 1'-0"



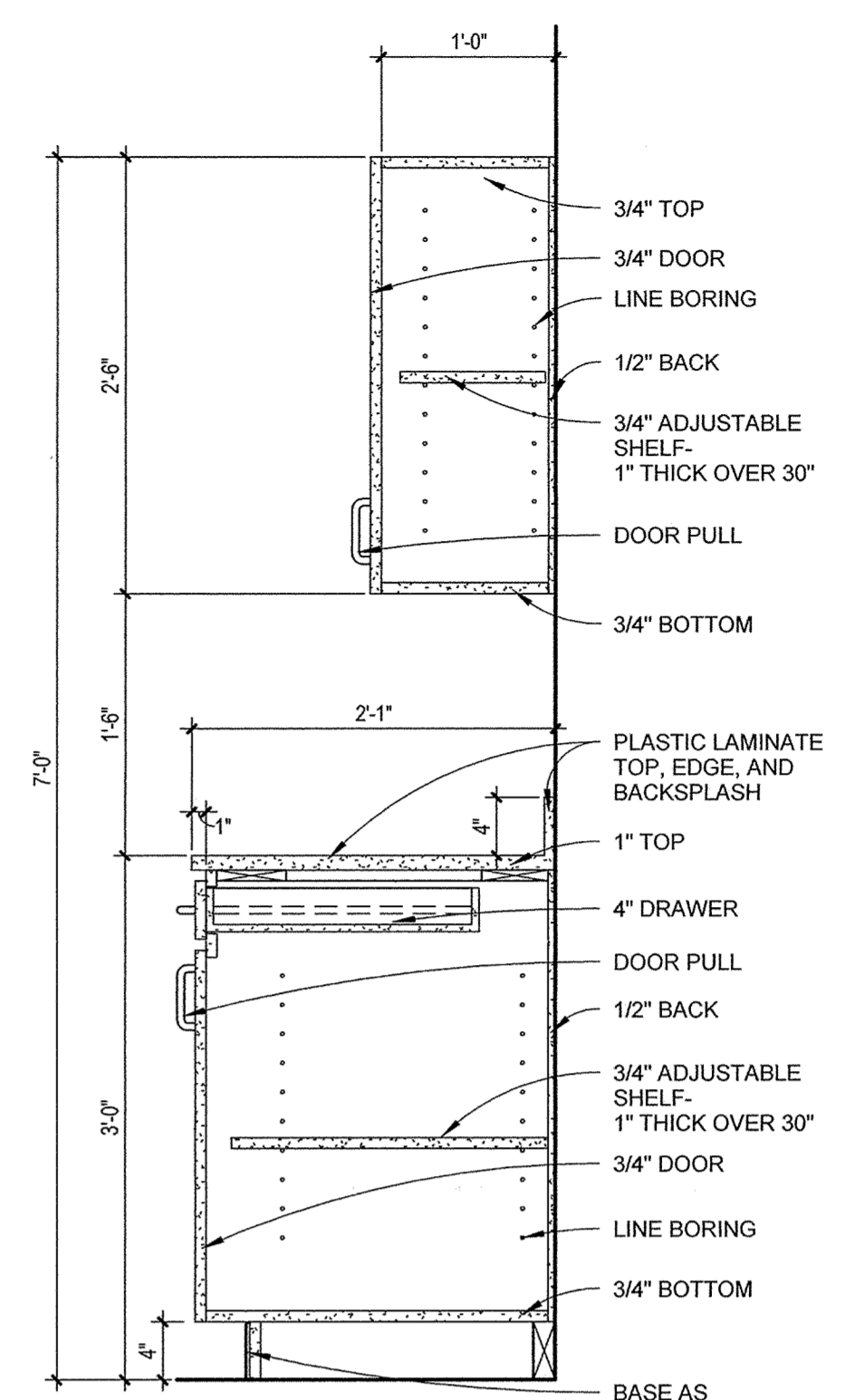
**4 cabinet section**  
SCALE: 1" = 1'-0"



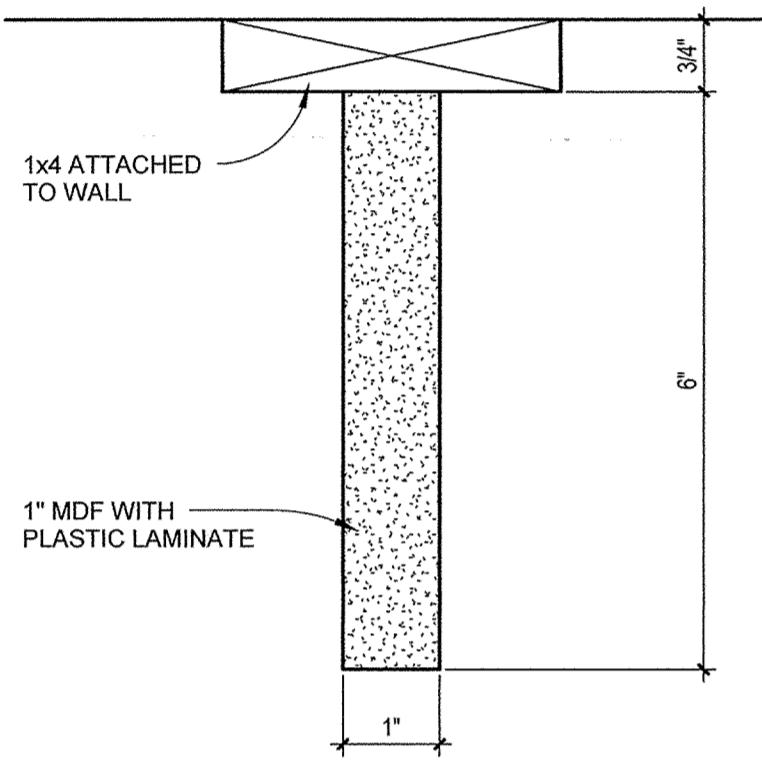
**3 cabinet section**  
SCALE: 1" = 1'-0"



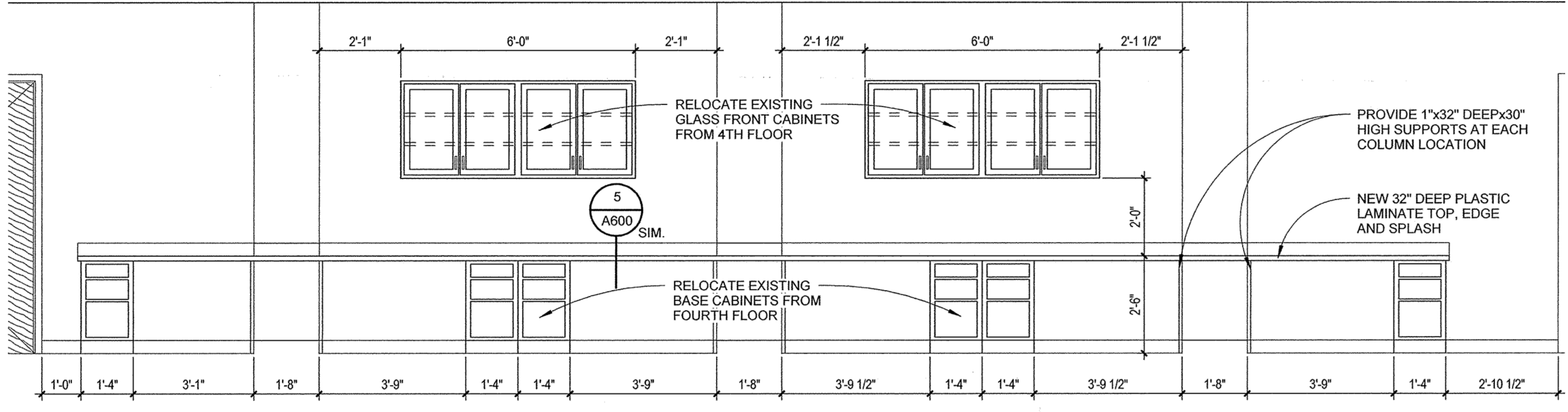
**2 cabinet section**  
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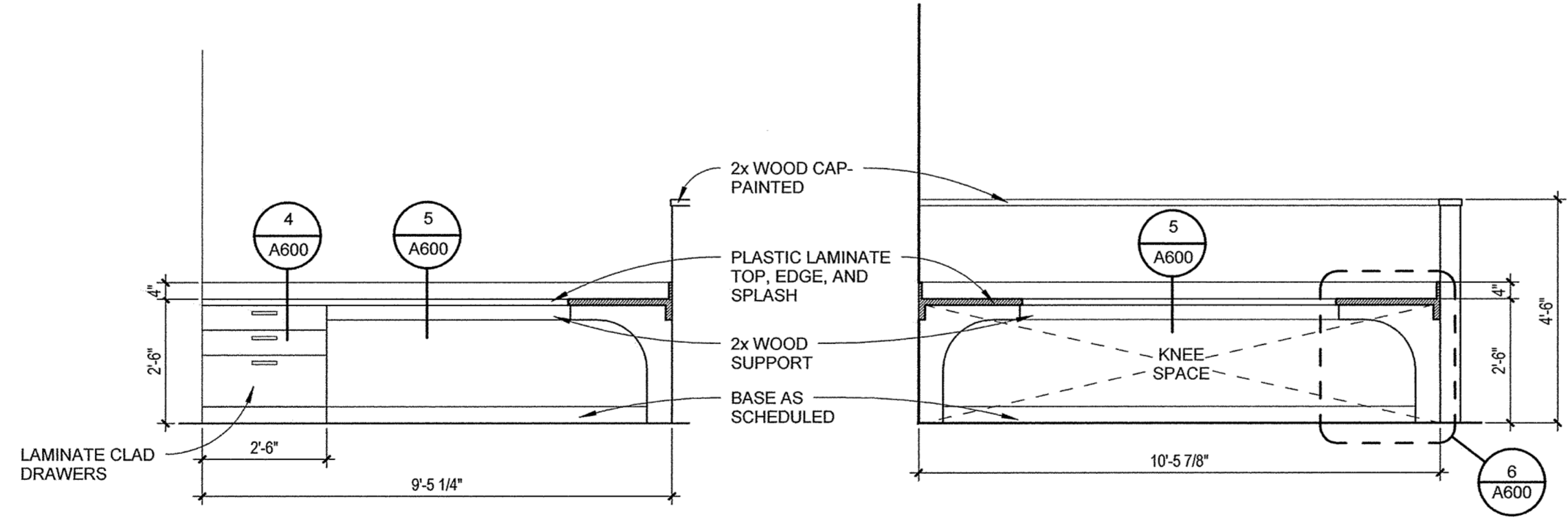
**1 cabinet section**  
SCALE: 1" = 1'-0"



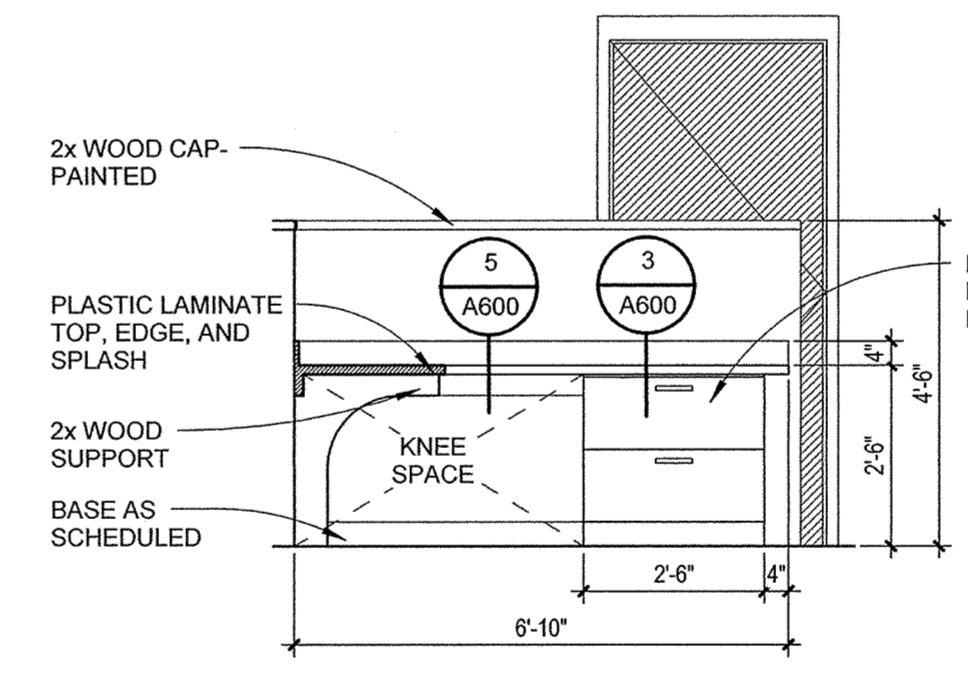
**7 support section**  
SCALE: 6\"/>



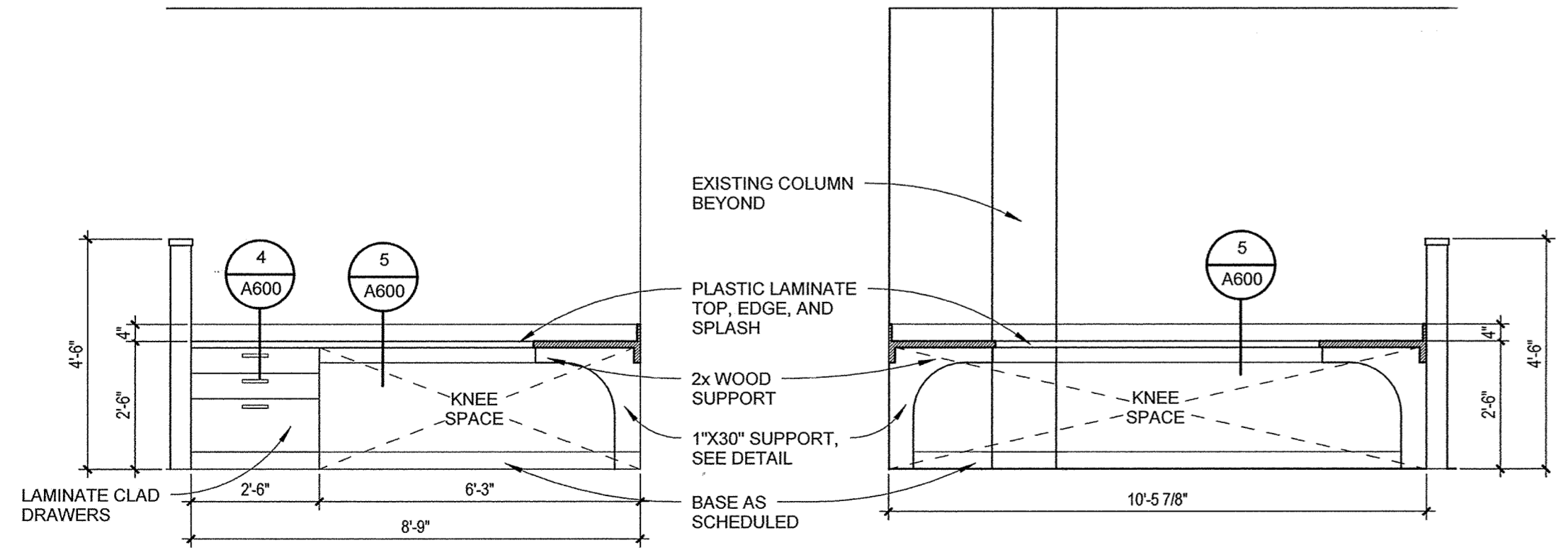
**millwork 5** SONOGRAPHY LAB 304  
SCALE: 3/8" = 1'-0"



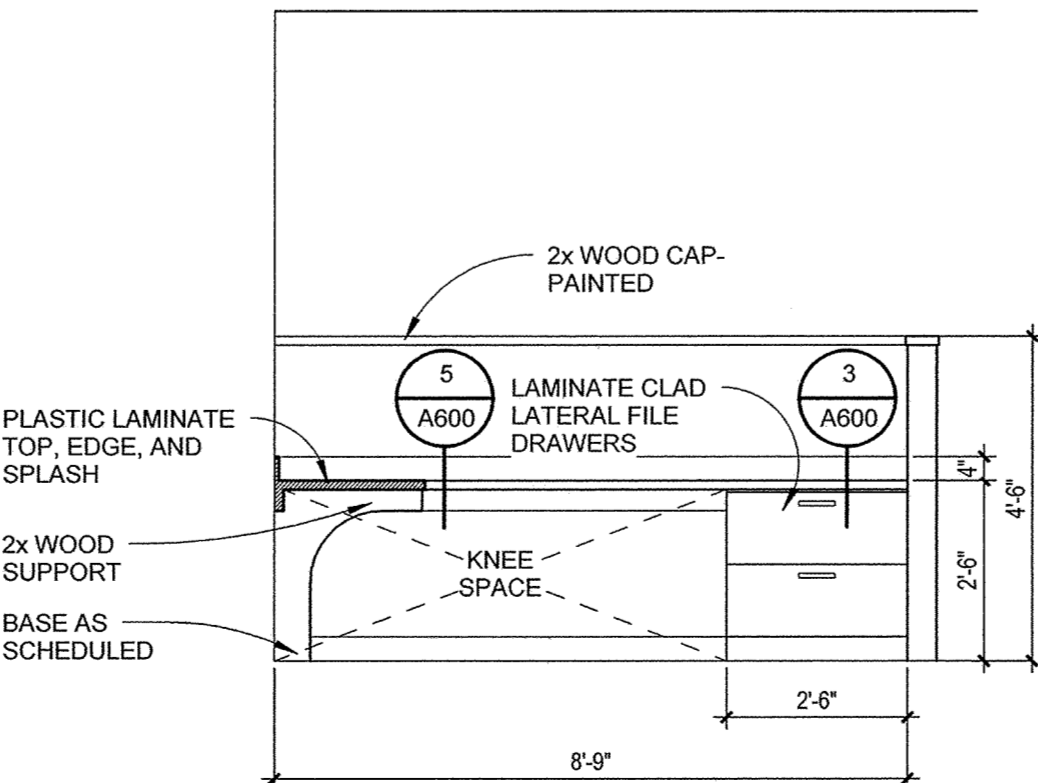
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SCALE: 3/8" = 1'-0"



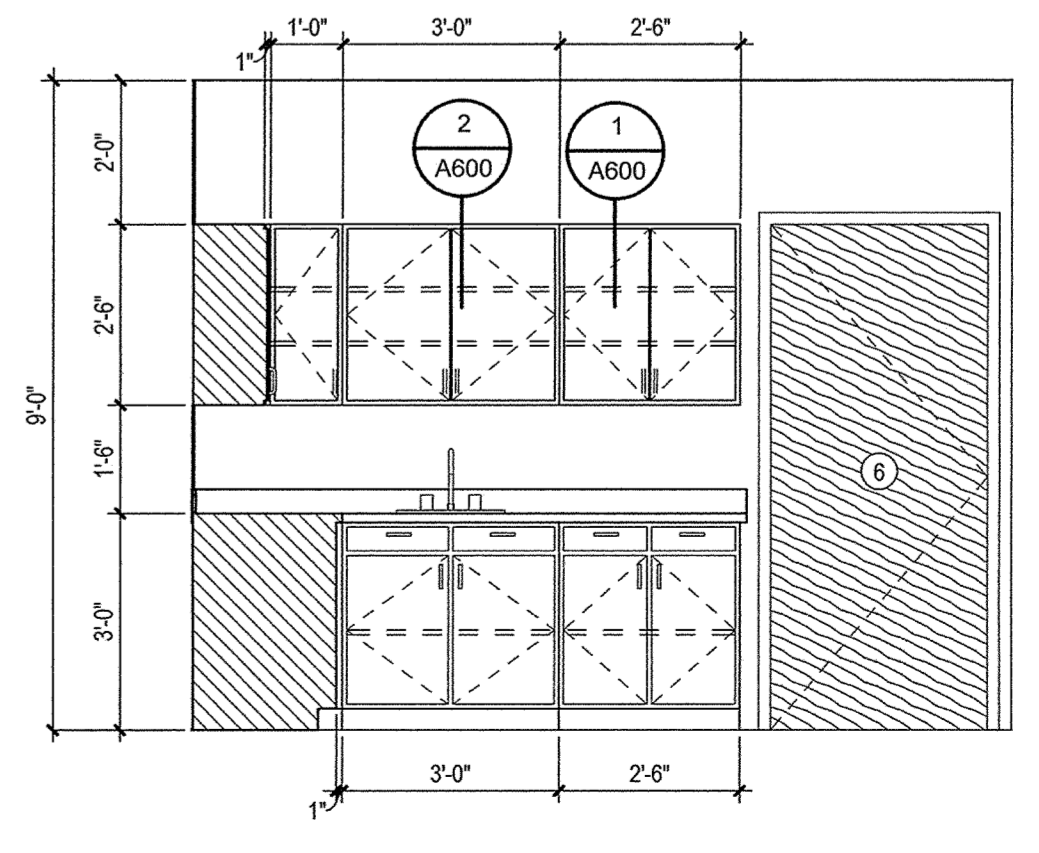
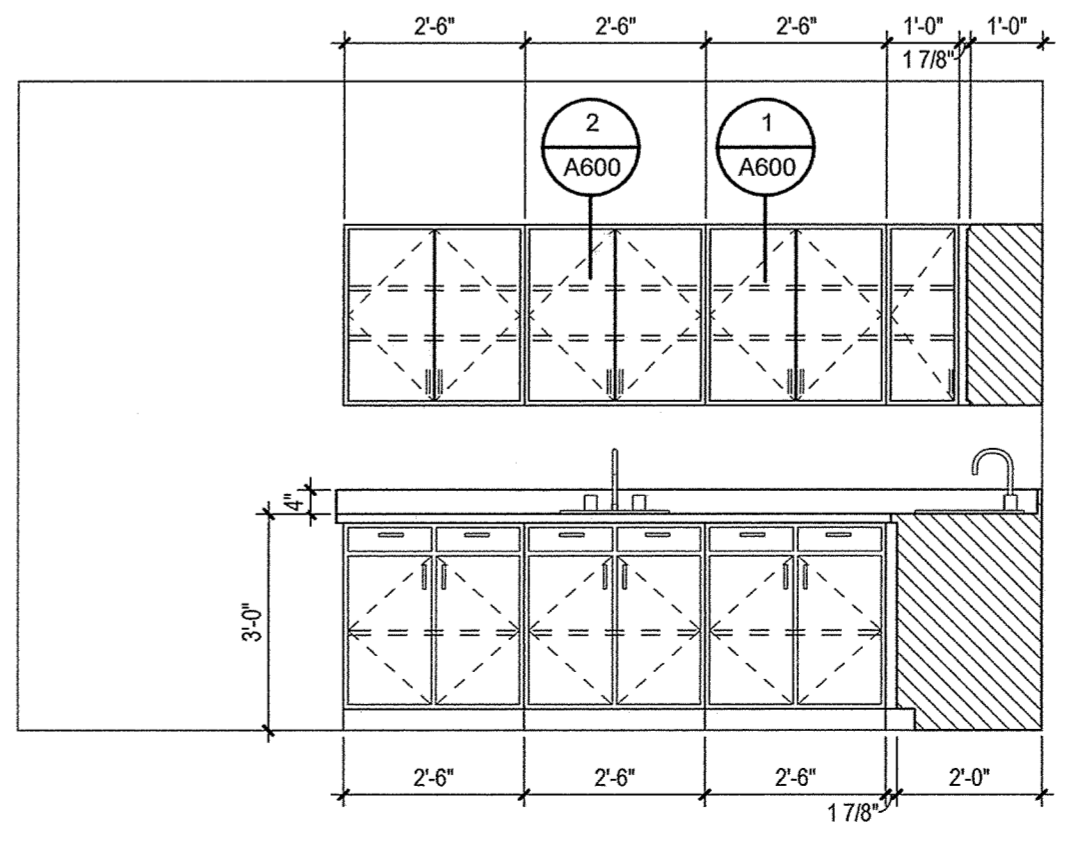
**millwork 3** OFFICE 419  
SCALE: 3/8" = 1'-0"



**millwork 2** OFFICE 419  
SCALE: 3/8" = 1'-0"



**millwork 1** RADIATION THERAPY PREP 419  
SCALE: 3/8" = 1'-0"

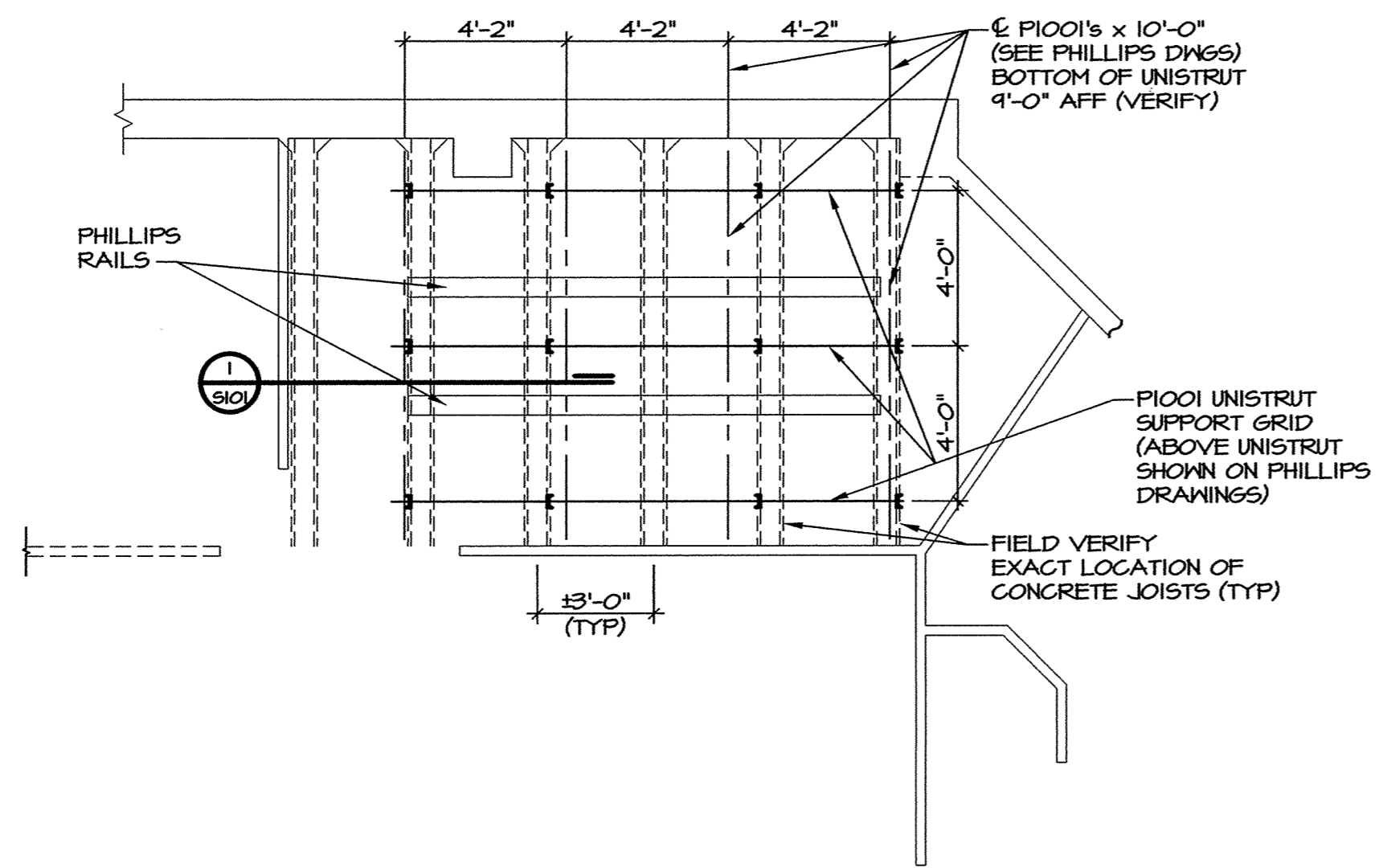


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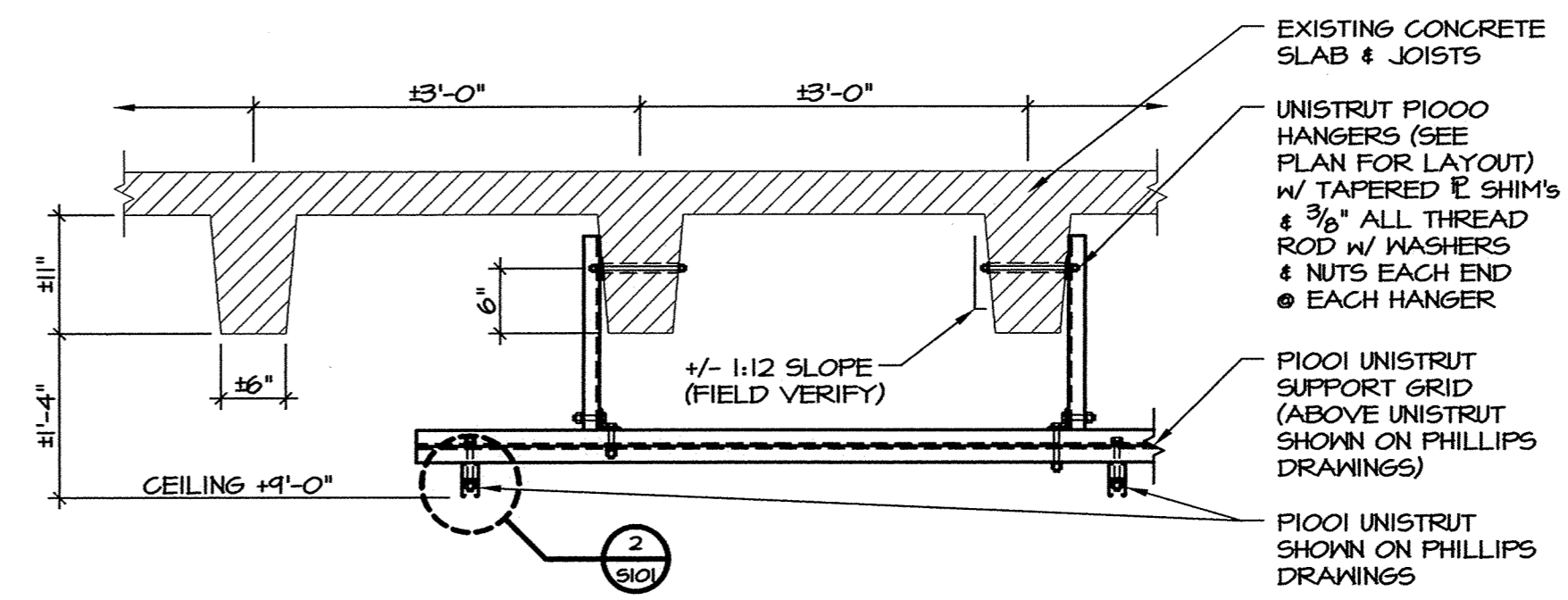
**BRACKETT  
KRENNERICH**  
architects

BRACKETT KRENNERICH & ASSOCIATES  
REGISTERED ARCHITECTS  
C13  
ARKANSAS  
13/MAY 2010  
Commission Number  
11709  
**A600**  
Date: March 19, 2010

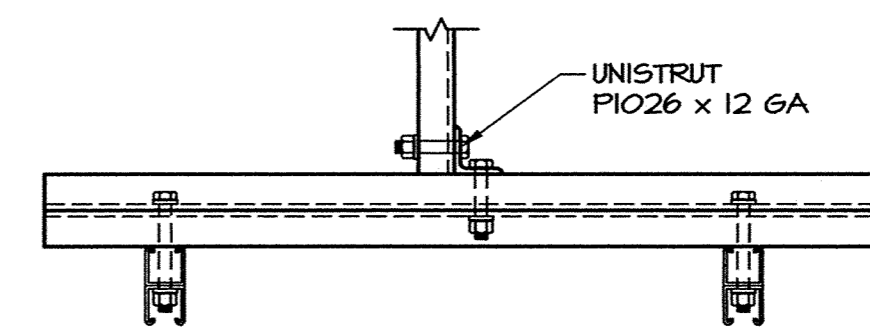




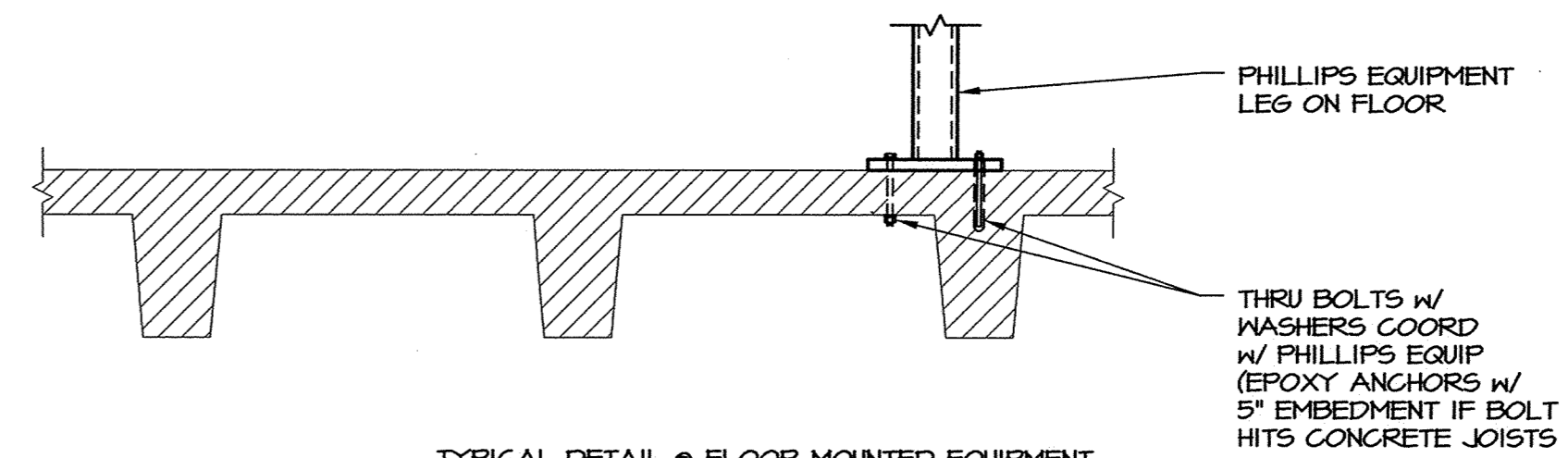
**UNISTRUT HANGER PLAN**  
1/4"=1'-0"



**SECTION 1**  
3/4"=1'-0"



**SECTION 2**  
1/2"=1'-0"



TYPICAL DETAIL @ FLOOR MOUNTED EQUIPMENT

**SECTION 3**  
1/2"=1'-0"

**BRACKETT KRENNERICH** architects  
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**Engineering Consultants, Inc.**  
Structural Engineers

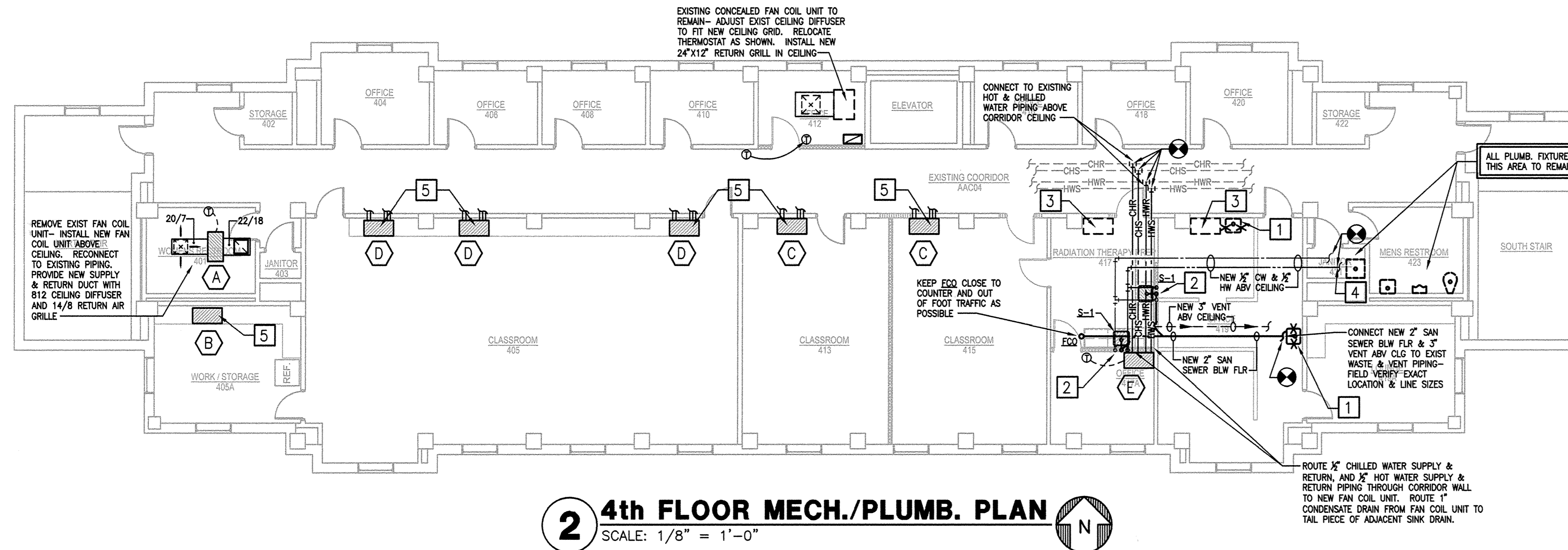
401 West Capitol Avenue, Suite 305  
Little Rock, Arkansas 72201-3401  
Phone No: (501) 376-3752  
Fax No: (501) 376-7314

STATE OF ARKANSAS  
REGISTERED PROFESSIONAL ENGINEER  
No. 8963  
S. GRANT JORDAN  
8/25/2010

CERTIFICATE OF AUTHORIZATION  
ENGINEERING CONSULTANTS, INC.  
No. 26  
ARKANSAS-ENGINEER

Commission Number  
11709  
**S101**  
Date: August 25, 2010

FANCOIL UNIT SCHEDULE																							
UNIT	MFR/MDL	TYPE	CFM	OSA	ESP	CHILLED WATER COIL (3 ROW)							HEATING WATER COIL (1 ROW)							MOTOR		REMARKS	
						EAT	EWT	LWT	GPM	PD	TH(MBH)	SH(MBH)	PIPE SIZE	EAT	EWT	LWT	GPM	PD	MBH	PIPE SIZE	HP.		VOLT/PHASE
A	YORK/ YPHBC-31	HORIZONTAL CONCEALED	300	-	1.00"	75° d.b. 63° w.b.	42'	51.4'	1.5	3.6	7.2	5.9		70'	180'	150.0'	1	3.2	13.9		1/20	120/1#	
B	YORK/ YPHBC-31	HORIZONTAL EXPOSED	500	-	-	75° d.b. 63° w.b.	42'	50.0'	3	3.8	11.9	9.7		70'	180'	150.0'	1	4.4	20.4		1/12	120/1#	
C	YORK/ YPHBC-31	HORIZONTAL EXPOSED	600	-	-	75° d.b. 63° w.b.	42'	49.4'	4	6.5	14.8	11.7		70'	180'	150.0'	1	4.4	22.4		1/8	120/1#	
D	YORK/ YPHBC-31	HORIZONTAL EXPOSED	800	-	-	75° d.b. 63° w.b.	42'	49.8'	4.5	6.9	17.6	14.6		70'	180'	150.0'	1	5.5	26.8		1/5	120/1#	
E	YORK/ YPHBC-31	HORIZONTAL EXPOSED	300	-	-	75° d.b. 63° w.b.	42'	51.6'	1.5	3.6	7.2	5.9		70'	180'	150.0'	1	3.2	13.9		1/20	120/1#	

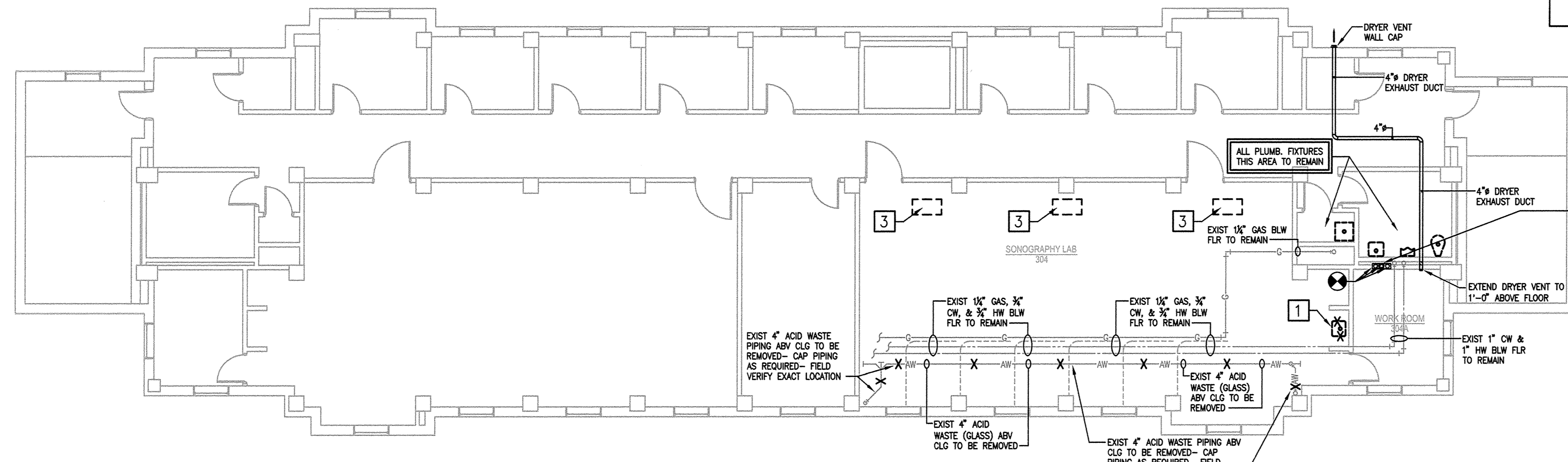


**2 4th FLOOR MECH./PLUMB. PLAN**  
SCALE: 1/8" = 1'-0"

PLUMBING FIXTURE SCHEDULE		
SYMBOL	MANUFACTURER	REMARKS
S-1	EXAM SINK- STAINLESS STEEL, 16"x17"x7 1/2" SIZE, (JUST SL-1617-A-GR) GOOSENECK/WRISTBLADE FAUCET- (CHICAGO 201-AGNBAE3-317CP) GRID DRAIN	RAD. THERAPY PREP. #417

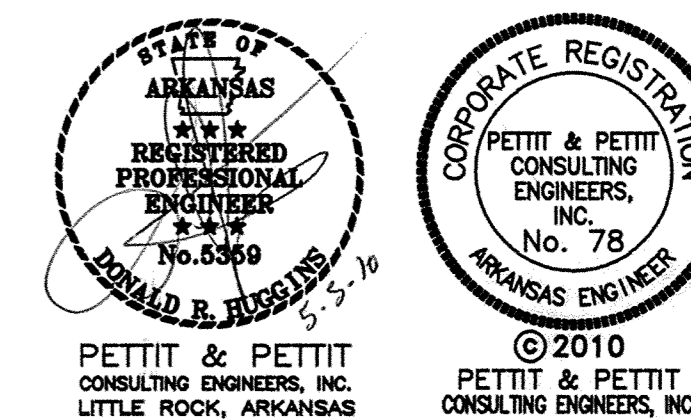
- M.P. KEYED NOTES**
- 1 REMOVE EXISTING SINK AND ALL CONNECTED PIPING- CAP PIPING BELOW FLOOR, ABOVE CEILING AND BEHIND WALLS AS REQUIRED. WATER PIPING ABV CLG TO BE REMOVED OR ABANDONED AS REQUIRED- FIELD COORDINATE- FIELD VERIFY EXACT LOCATION OF SINK
  - 2 1/2" CW AND 1/2" HW DROP IN WALL TO SINK (S-1)
  - 3 EXISTING FAN COIL UNIT TO REMAIN
  - 4 CONNECT NEW 1/2" CW & 1/2" HW ABV CLG TO EXIST CW & HW LINES AT BATHROOM GROUP- FIELD VERIFY EXACT LOCATION & LINE SIZES
  - 5 REPLACE EXISTING FAN COIL UNITS WITH NEW UNITS AS SHOWN. RECONNECT TO EXISTING CHILLED, HOT, AND CONDENSATE PIPING- VERIFY EXACT LOCATION

- GENERAL PLUMBING DEMO. NOTES**
1. FIELD VERIFY EXISTING PLUMBING FIXTURE LOCATIONS, TYPE ETC- VERIFY EXISTING PLUMBING PIPING LOCATIONS, SIZES, ETC.
  2. CUT WALLS, FLOORS OR CEILINGS AS REQUIRED TO INSTALL NEW PIPING. ALL FURRING AND REPAIRING SHALL BE BY THE GENERAL CONTRACTOR. COORDINATE REQUIREMENTS WITH THE GENERAL CONTRACTOR.
  3. REWORK EXISTING WATER, SANITARY AND VENT PIPING AS REQUIRED TO INSTALL NEW PLUMBING FIXTURES.
  4. WHERE EXISTING FIXTURES AND EQUIPMENT ARE REMOVED AND NOT REPLACED, CAP ALL PIPING WITHIN WALLS, FLOORS OR CEILINGS ARE REQUIRED FOR CONCEALMENT.
  5. REMOVE ALL EXPOSED EXISTING PIPING WHICH IS DEEMED INOPERABLE AS A RESULT OF THIS CONTRACT UNLESS SHOWN OR NOTED OTHERWISE.
  6. EXISTING PIPE, TO WHICH NEW PIPE IS CONNECTED, SHALL BE RODDED, FLUSHED AND CLEANED FROM POINT OF CONNECTION TO MAIN OUTSIDE BUILDING.
  7. EXISTING FLOOR DRAINS WITHIN SCOPE OF CONSTRUCTION SHALL BE THOROUGHLY CLEANED AND BUFFED. EXISTING PIPING SHALL BE RODDED AND CLEANED TO THE POINT OF CONNECTION TO THE MAIN.
  8. ALL PLUMBING FIXTURES, VALVES AND EQUIPMENT WHICH ARE TO BE REMOVED AND NOT RELOCATED SHALL BECOME THE PROPERTY OF THE OWNER AND DELIVERED TO STORAGE ON SITE AS DIRECTED BY THE OWNER. ALL PIPING SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE JOB SITE.



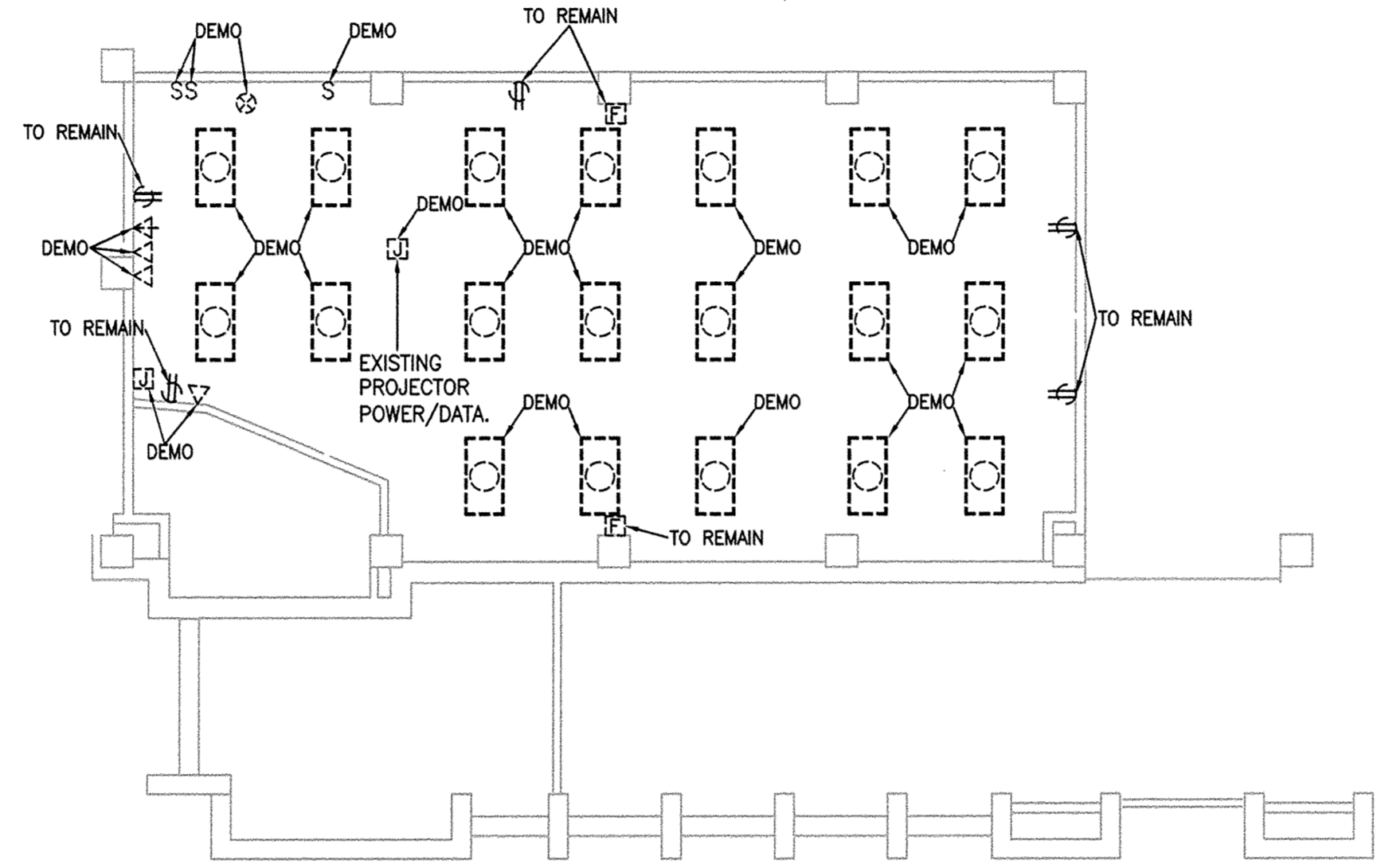
**1 3rd FLOOR MECH./PLUMB PLAN**  
SCALE: 1/8" = 1'-0"

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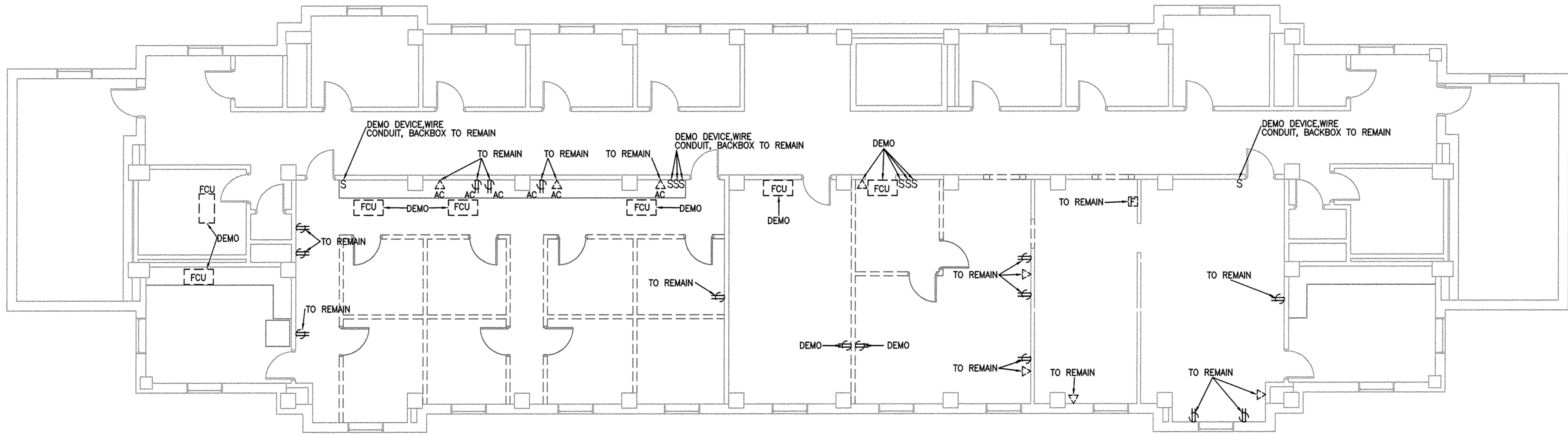


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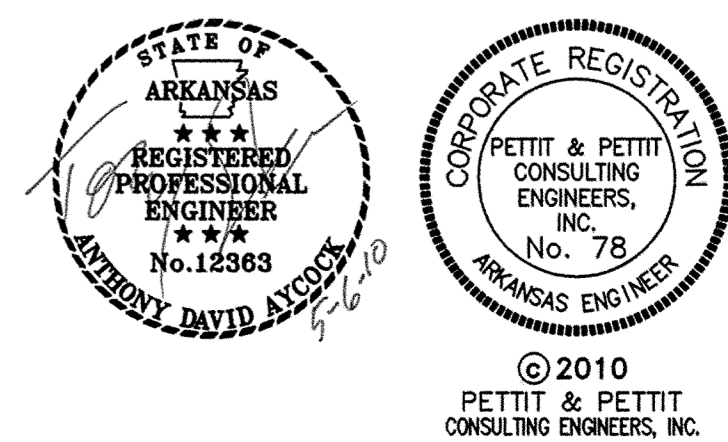
- DEMOLITION NOTES**
1. THE ELECTRICAL CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS PRIOR TO BID.
  2. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL DEMOLITION INDICATED ON THESE DRAWINGS. ALL WIRING DEVICES, LIGHT FIXTURES, WIRE, & CONDUIT THAT IS TO BE REMOVED SHALL BE STORED AS DIRECTED BY THE OWNER OR RELOCATED AS SHOWN ON THE NEW FLOOR PLAN. APPROPRIATE MEASURES SHALL BE TAKEN TO ASSURE CONTINUITY OF EXISTING CIRCUITS WHERE REQUIRED, AND ALL OUTAGES WHICH MAY RESULT SHALL BE COORDINATED WITH THE OWNER PRIOR TO THE WORK.
  3. ALL EXISTING BRANCH CIRCUITS NOT USED SHALL BE REMOVED BACK TO SERVING PANELBOARD. THE CIRCUIT BREAKERS SHALL BE LABELED AS SPARE.
  4. MECHANICAL EQUIPMENT REMOVED BY OTHERS. DISCONNECT EXISTING WIRING AND CONDUIT. EXISTING CONDUIT AND WIRE TO REMAIN AND BE REUSED.
  5. DEMO THE DEVICES IN THE DASHED WALL. REMOVE WIRE AND CONDUIT BACK TO THE NEAREST PANEL OR J-BOX. RE-LABEL THE PANEL AS REQUIRED. MAINTAIN THE EXISTING CIRCUIT CONTINUITY IF THE
  6. EXISTING LIGHT FIXTURES DEMOLISHED SHALL BE RETURNED TO THE OWNER, UNLESS THEY ARE RE-USED IN THE NEW LIGHTING PLAN. REMOVE THE CONDUIT AND WIRE BACK TO THE NEAREST J-BOX. MAINTAIN THE EXISTING CIRCUIT CONTINUITY IF THE EXISTING CIRCUIT CONTINUES.
  7. EXISTING DEVICES DEMOLISHED SHALL BE RETURNED TO THE OWNER, UNLESS THEY ARE RE-USED. REMOVE DATA DEVICE CABLING, BOX, AND CONDUIT BACK TO IT CLOSET. REMOVE LIGHT SWITCH WIRE, BOX, AND CONDUIT BACK TO NEAREST J-BOX.
  8. DASHED LINES INDICATE EXISTING FIXTURES, EQUIPMENT, DEVICES, ETC., TO REMAIN UNLESS OTHERWISE NOTED.



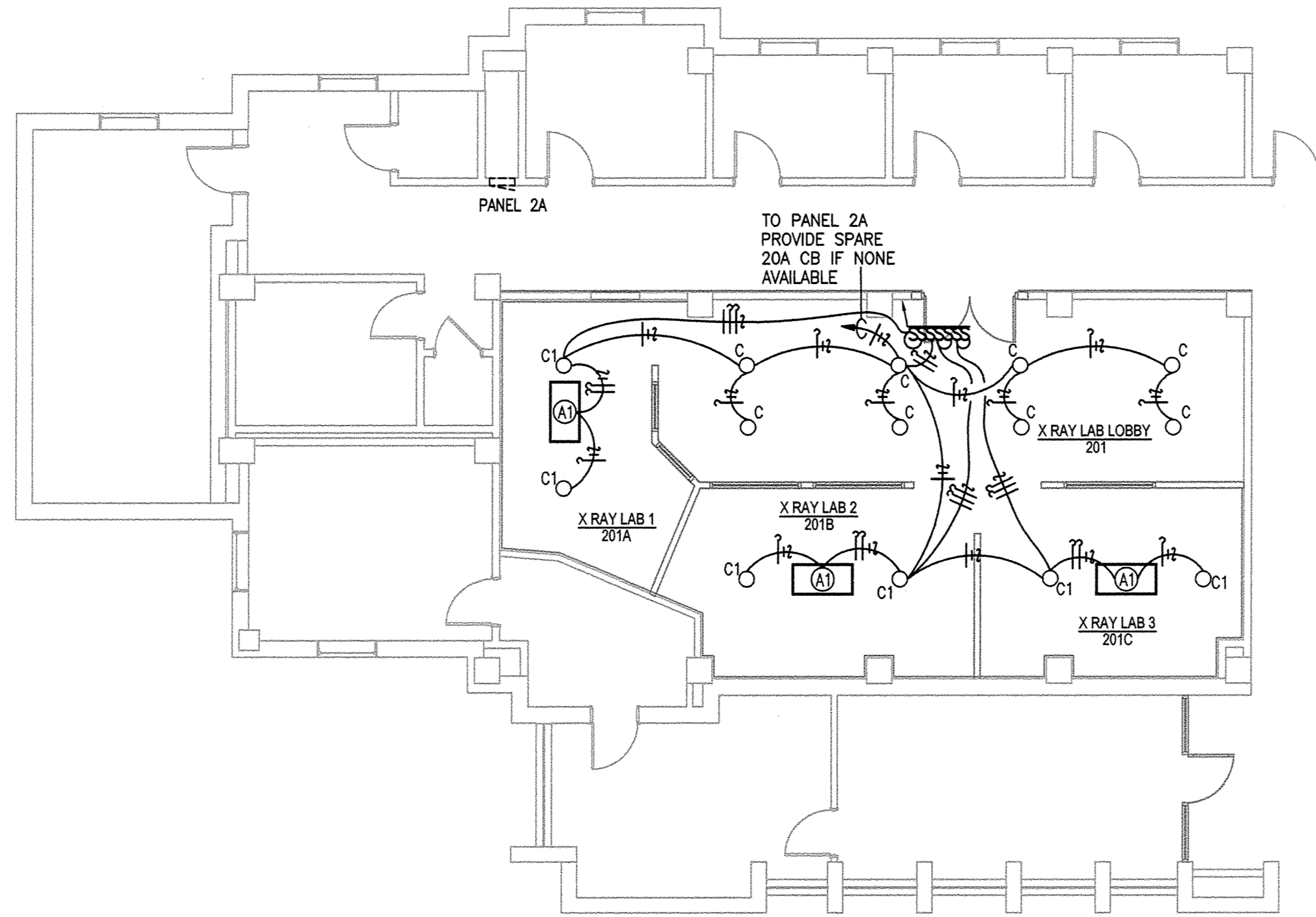
**SECOND FLOOR ELECTRICAL DEMO PLAN**  
 SCALE: 1/8" = 1'-0"



**FOURTH FLOOR ELECTRICAL DEMO PLAN**  
 SCALE: 1/8" = 1'-0"



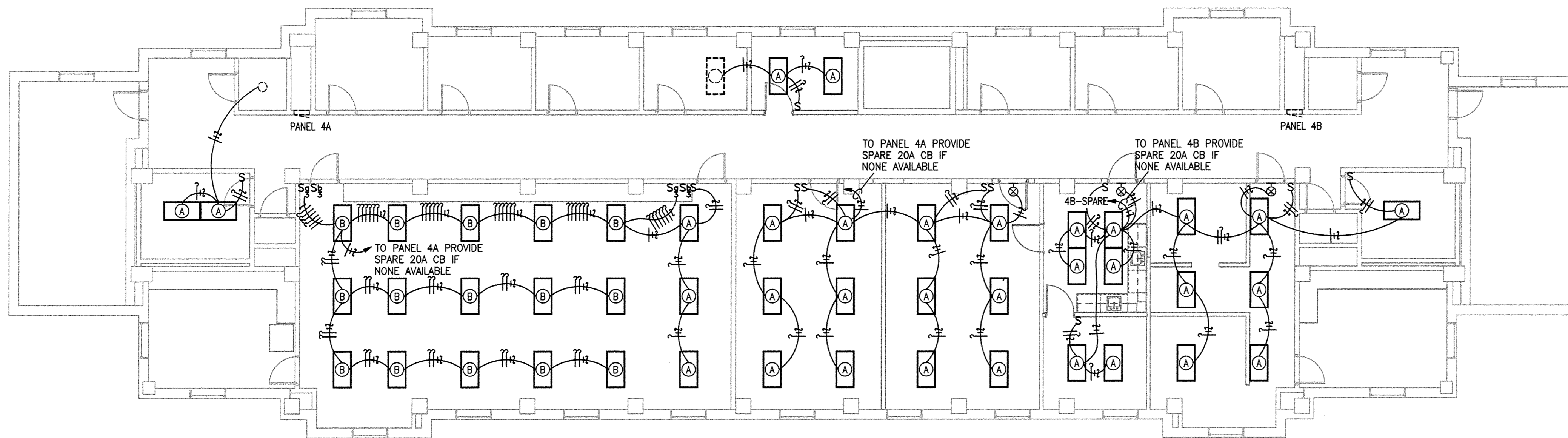
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**E101**  
 Date: March 19, 2010



**LIGHTING NOTES**

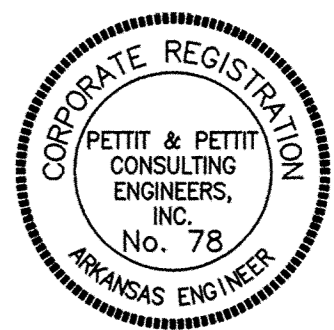
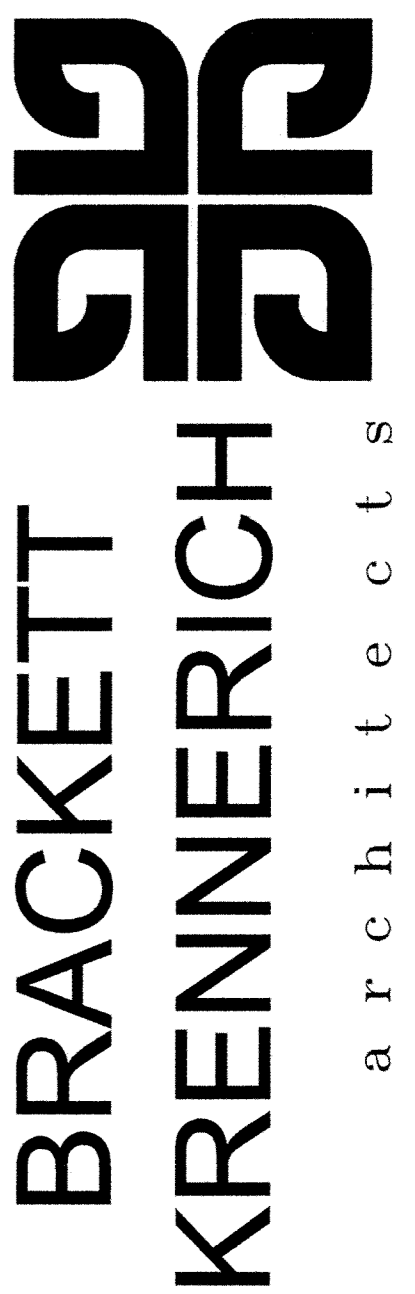
1. FIXTURE 'b' OUT BOARD LAMPS SWITCHED ON SWITCH 'a' AND IN BOARD LAMP/LAMPS SWITCHED ON 'b'.
2. VERIFY LOAD ON ALL EXISTING LIGHTING CIRCUITS SHOWN WITH NEW FIXTURE CONNECTIONS.

SECOND FLOOR LIGHTING PLAN  
SCALE: 1/8" = 1'-0"



FOURTH FLOOR LIGHTING PLAN  
SCALE: 1/8" = 1'-0"

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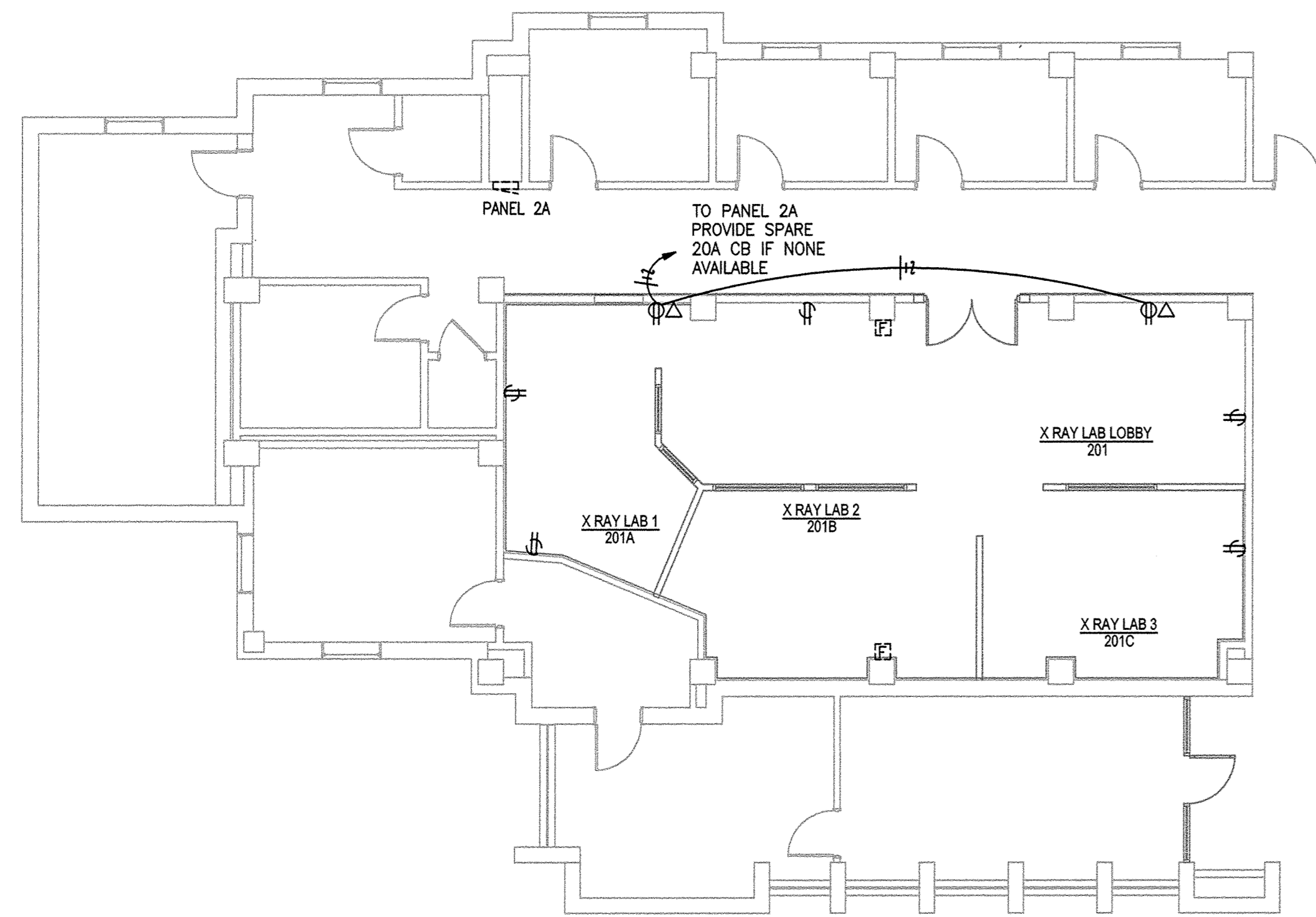


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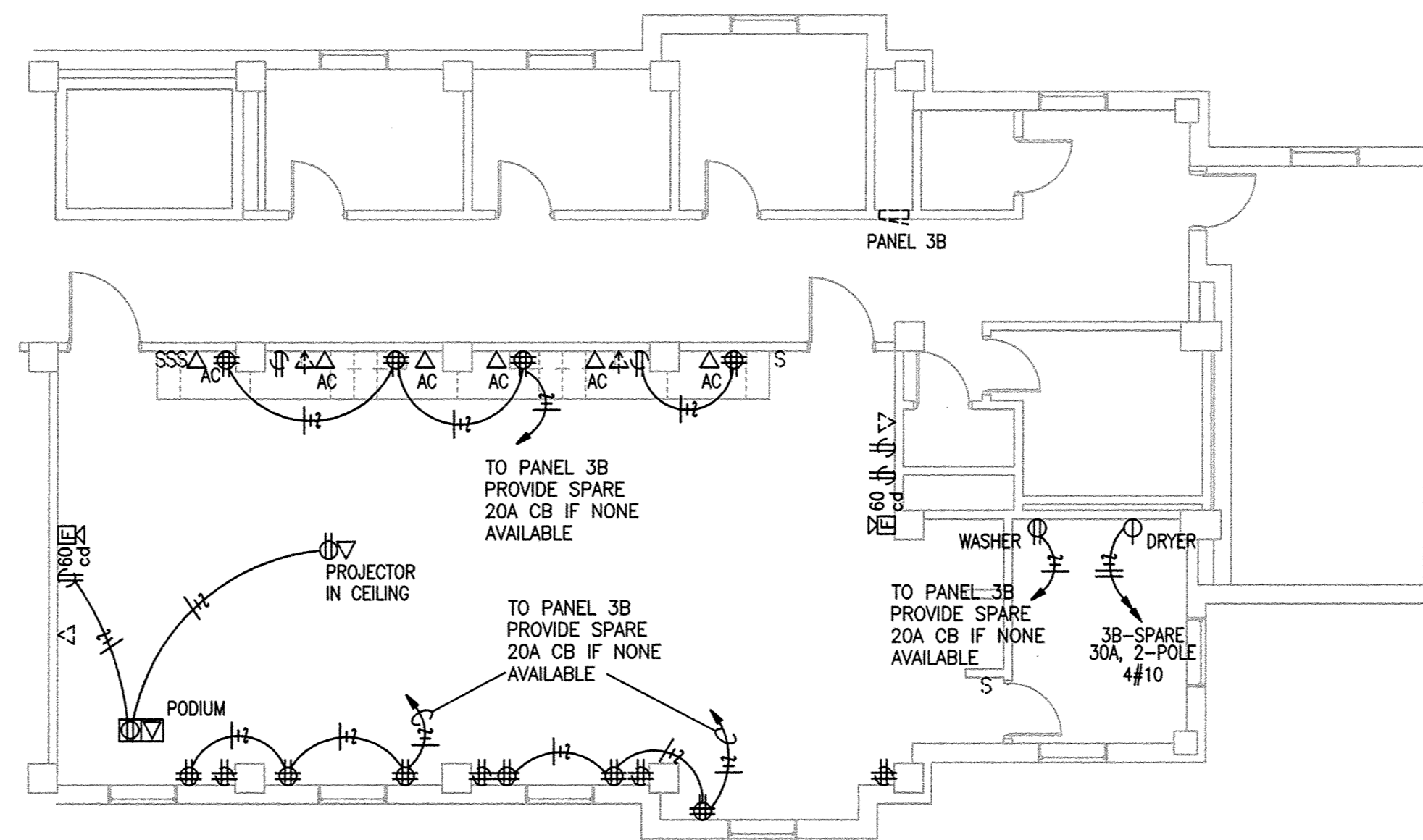
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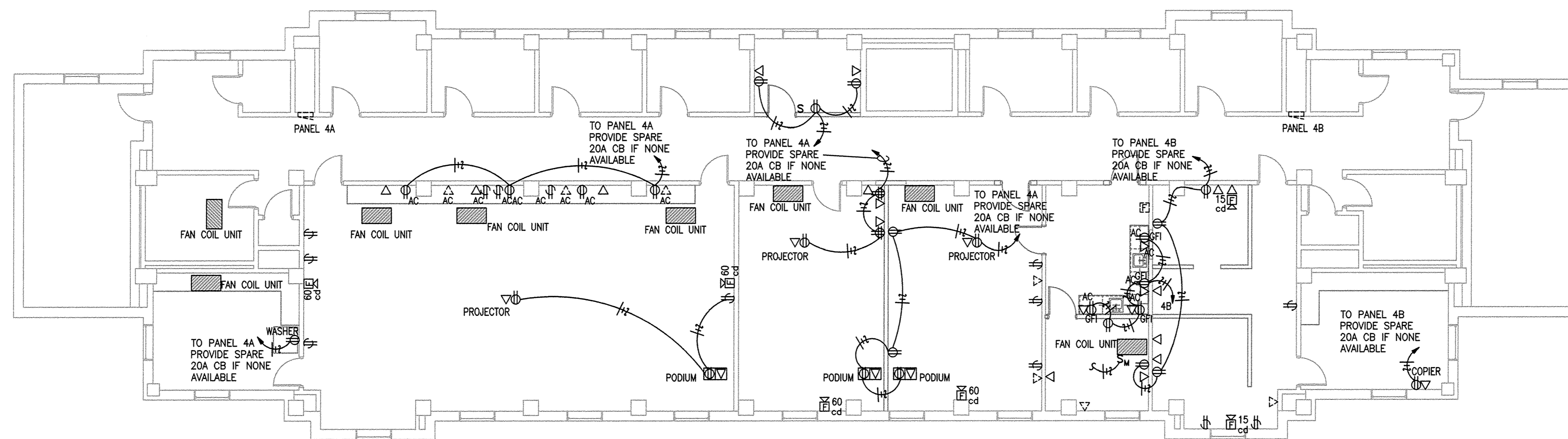


SECOND FLOOR ELECTRICAL PLAN  
SCALE: 1/8" = 1'-0"



THIRD FLOOR ELECTRICAL PLAN  
SCALE: 1/8" = 1'-0"

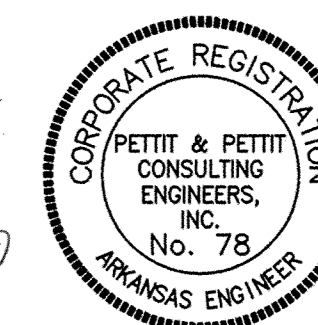
- POWER AND SYSTEMS NOTES**
1. PROVIDE BACK BOX AND CONDUIT ONLY FOR DATA/COMMUNICATIONS. CABLING BY OTHERS. VERIFY LOAD ON ALL EXISTING LIGHTING CIRCUITS SHOWN WITH NEW CONNECTIONS.
  2. STUB UP CONDUIT FOR NEW DATA/COMMUNICATIONS DEVICES TO ABOVE CORRIDOR ACCESSIBLE CEILING.
  3. NEW FIRE ALARM DEVICES TO MATCH EXISTING SYSTEM DEVICES AND SHALL BE INTEGRATED INTO EXISTING SYSTEM, AND TESTED FOR FULL FUNCTIONALITY.
  4. VERIFY LOAD ON ALL EXISTING RECEPTACLE CIRCUITS SHOWN WITH NEW RECEPTACLE CONNECTIONS.
  5. PROVIDE CEILING MOUNTED RECEPTACLE AND DATA OUTLET FOR PROJECTOR. CONNECT RECEPTACLE TO NEAREST EXISTING 120 VOLT RECEPTACLE CIRCUIT AS SHOWN. PROVIDE ONLY BACK BOX, FACEPLATE, AND CONDUIT FOR DATA OUTLET. VERIFY FACEPLATE REQUIREMENT WITH OWNER.
  6. REPLACE CABLING, JACKS, AND FACEPLATES FOR EXISTING DATA/COMMUNICATION DEVICES. MATCH OWNER'S STANDARDS.
  7. CONNECT NEW FAN COIL UNITS TO NEAREST EXISTING 120 VOLT FAN COIL UNIT CIRCUIT. VERIFY LOAD PRIOR TO CONNECTION.



FOURTH FLOOR ELECTRICAL PLAN  
SCALE: 1/8" = 1'-0"

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**BRACKETT  
KRENNERICH**  
 architects



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SYMBOLS SCHEDULE	
SYMBOL	DESCRIPTION
	FLUORESCENT LIGHT FIXTURE - CEILING MOUNTED
	DOWNLIGHT FIXTURE - CEILING MOUNTED
	EXIT LIGHTS - WALL MT. & CEILING MT. SHOWN - SHADING INDICATES FACE(S), DIRECTIONAL ARROWS SHALL BE AS SHOWN ON PLANS
	SINGLE-POLE SWITCH
	0-10 VOLT DIMMER SWITCH
	MULTI-LEVEL SWITCHING: S <sub>o</sub> - SWITCHES 2 OUTER LAMPS S <sub>b</sub> - SWITCHES INNER LAMP(S)
	DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE - GROUND FAULT CIRCUIT INTERRUPTING & WEATHERPROOF TYPES INDICATED
	QUADRUPLEX RECEPTACLE
	SPECIAL PURPOSE OUTLET - NEMA CONFIGURATION (VOLTAGE, AMPACITY) AS NOTED ON DRAWINGS
	DUPLEX RECEPTACLE IN FLUSH MTD CAST FLOOR OR CEILING BOX
	DATA OUTLET - FLUSH MOUNTED IN FLOOR SLAB OR CEILING
	DATA OUTLET
	FIRE ALARM AUDIO/VISUAL DEVICE - NUMBER INDICATES INDICATES MINIMUM CANDELA RATING OF STROBE
	BRANCH CIRCUIT - SWITCHED HOT THRU LIGHTING CONTROL SYSTEM, SWITCH LEG, PHASE LEG, NEUTRAL, EQUIPMENT GROUND, AND ISOLATED GROUND
	BRANCH CIRCUIT HOMERUN - PANEL AND CIRCUIT NUMBER INDICATED
	CONDUIT CONCEALED IN OR BELOW FLOOR SLAB OR BELOW GRADE
	EXISTING CONDUIT
AC	ABOVE COUNTER
CB	CIRCUIT BREAKER
CKT or CR	CIRCUIT
AC	ABOVE COUNTER
FCU	FAN COIL UNIT
GFI	GROUND FAULT CIRCUIT INTERRUPTING
LGT	LIGHT

**NOTE:**

1. NOT ALL SYMBOLS MAY APPLY TO THIS PROJECT.
2. SYMBOLS SHOWN DASHED ON PLANS INDICATES EXISTING DEVICES, FIXTURES, EQUIPMENT, ETC.

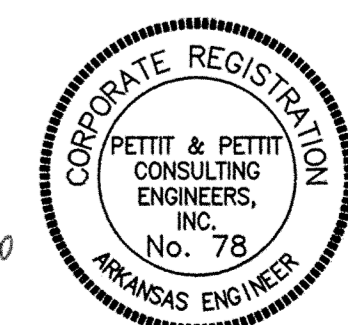
GENERAL NOTES	
1.	CIRCUITS OF DIFFERENT PHASES MAY SHARE EQUIPMENT GROUND. EQUIPMENT GROUND CONDUCTOR SIZE SHALL NOT BE LESS THAN #12 AWG OR AS INDICATED ON THE DRAWINGS.
2.	ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID COPPER THW, THHN, THWN, AND ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED COPPER USING BOLTED LUGS AT TERMINALS.
3.	MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS OTHERWISE NOTED. SEE SPECS FOR CONDUIT REQUIREMENTS. ALL CONDUIT SHALL BE CONCEALED UNLESS OTHERWISE NOTED.
4.	MINIMUM WIRE SIZE SHALL BE #12 AWG UNLESS OTHERWISE NOTED.
5.	ALL WORK SHALL COMPLY WITH THE 2008 EDITION OF THE NATIONAL ELECTRICAL CODE.
6.	ELECTRICAL CONTRACTOR SHALL CLOSELY COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTORS FOR EXACT LOCATION OF HVAC AND PLUMBING EQUIPMENT.
7.	ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER SIZING OF ALL MOTOR OVERLOAD DEVICES (HEATERS) IN STARTERS BASED ON ACTUAL NAMEPLATE RATINGS ON THE MOTOR BEING INSTALLED.
8.	USE COMPRESSION FITTINGS ON CONDUIT, SET SCREW FITTINGS ARE NOT ALLOWED.
9.	LABEL ALL NEW CIRCUITS ON PANEL SCHEDULES.
10.	6'-0" MAXIMUM LENGTH ON FLEXIBLE CONDUIT.
11.	FIRE PROOF ALL PENETRATIONS MADE THROUGH FIRE RATED WALLS.
12.	ALL DEVICES SHALL BE RATED 20 AMP MINIMUM, VERIFY COLOR WITH ARCHITECT.
13.	CONNECT DEVICES BY WRAPPING WIRE AROUND SCREW TERMINAL IN A CLOCKWISE DIRECTION AND TIGHTEN SCREW. BACK-CONNECTED SPRING DEVICES ARE NOT ALLOWED.
14.	PULL ALL THE CONDUCTORS THROUGH RACEWAY AT THE SAME TIME.
15.	ALL BOXES SHALL BE INDEPENDANTLY SUPPORTED TO THE BUILDINGS STRUCTURE.
16.	CONTRACTOR SHALL REFER TO THE ARCHITECTURAL ELEVATIONS AND MILLWORK DETAILS FOR EXACT LOCATIONS OF ALL WIRING DEVICES.
17.	CONTRACTOR SHALL REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL LAY-IN LIGHT FIXTURES.
18.	THE SPECIFICATIONS ARE AS BINDING ON THE CONTRACTOR AS THE DRAWINGS. THE CONTRACTOR SHALL READ THE SPECIFICATIONS AND SHALL INCLUDE ALL ITEMS REQUIRED BY THE SPECIFICATIONS BEFORE SUBMITTING A BID.

FIXTURE SCHEDULE			
TYPE	MANUFACTURER OR EQUAL	LAMPS	REMARKS
A	COLUMBIA #SM 24-4 32-FS A12125-EB8LH 120	4-32W FT8	2'x4' SURFACE FLUORESCENT LIGHT FIXTURE WITH PRISMATIC LENS.
A1	COLUMBIA #JT8 24-4 32 G-FS A12125-E U	4-32W FT8	2'x4' RECESSED FLUORESCENT LIGHT FIXTURE WITH PRISMATIC LENS.
B	COLUMBIA #SM 24-4 32-FS A12125-EB8LH 120	4-32W FT8	2'x4' SURFACE FLUORESCENT LIGHT FIXTURE W/ PRISMATIC LENS. PROVIDE (2) 2-LAMP BALLAST FOR STEP DIMMING.
C	PRESCOLITE #CFT6HEB DM STF602H B24	1-42W CFL	6" RECESSED FLUORESCENT DOWNLIGHT. PROVIDE BAR HANGERS AND DIMMING BALLAST.
C1	PRESCOLITE #CFT6HEB DM STF602H B24	1-13W CFL	6" RECESSED FLUORESCENT DOWNLIGHT. PROVIDE BAR HANGERS AND DIMMING BALLAST.
⊗	DUALLITE #LX U R W E	LED	EXIT LIGHT FIXTURE. EMERGENCY BATTERY, TEST BUTTON.

**NOTES:**

1. ALL FIXTURES SHALL BE PAINTED AFTER FABRICATION.
2. VERIFY ALL FIXTURE COLORS - THE COLOR AND FINISHES ARE TO BE SELECTED BY THE ARCHITECT AT NO ADDITIONAL COSTS, THE CONTRACTOR SHALL INCLUDE COST OF ARCHITECT COLOR SELECTION OF LIGHT FIXTURE IN BID.
3. COORDINATE ALL FIXTURES MOUNTING TYPE AND HEIGHT WITH ARCHITECTURAL REFLECTED CEILING PLAN.
4. BALLASTS MUST BE 10%TD AND PROGRAM START.

**BRACKETT KRENNERICH architects**  
**RENOVATIONS TO COLLEGE OF NURSING AND HEALTH PROFESSIONS**  
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