

Fayetteville Technical Community College Health Technologies Center Surgical Lab Renovation

240 Hull Road
Fayetteville, North Carolina 28303
Owner: Fayetteville Technical Community College

BUILDING CODE SUMMARY

Name of Project: FTCC HTC Surgical Lab Renovation
Address: 240 Hull Road, Fayetteville, North Carolina 28303
Owner or Authorized Agent: FTCC - Kevin Paul Phone #: 910-678-8327
e-mail: paulk@ftcc.edu

Owned By: Trustees of Fayetteville Technical Community College
Enforcement Jurisdiction: City Fayetteville County State

CONTACT / LEAD DESIGN PROFESSIONAL / PROJECT COORDINATOR: Gordon Johnson, AIA, LEED AP
DESIGNER FIRM NAME NC LICENSE # TELEPHONE #
Architectural: Gordon Johnson Architecture, PLLC Gordon Johnson 6194 910-223-2186
e-mail: gordon@gordonjohnsonarchitecture.com

Civil: N/A
Electrical: Meridian Engineering M. Bryan Pike 05110 252-522-2581
e-mail: bryan@meridianeng.net
Fire Alarm: N/A
Plumbing: Meridian Engineering M. Bryan Pike 05110 252-522-2581
e-mail: bryan@meridianeng.net
Mechanical: Meridian Engineering M. Bryan Pike 05110 252-522-2581
e-mail: bryan@meridianeng.net
Sprinkler - Standpipe: N/A
Structural: N/A
Precast: N/A
Trusses: N/A
Retaining Walls > 5' High: N/A
Other: N/A
Special Inspector: TBD.

2018 NC BUILDING CODE: New Building Addition Renovation
 1st Time Interior Completion
 Shell / Core
 Phased Construction - Shell / Core

2018 NC EXISTING BUILDING CODE: Prescriptive Repair Chapter 14
Alteration: Level I Level II Level III
 Historic Property Change of Use

CONSTRUCTED: (date) 1996 CURRENT OCCUPANCY(S) (Ch. 3): B
RENOVATED: (date) 2026 PROPOSED OCCUPANCY(S) (Ch. 3): B

RISK CATEGORY (Table 1604.5): Current: I II III IV
Proposed: I II III IV

BASIC BUILDING DATA
Construction Type: I-A II-A III-A IV V-A
 I-B II-B III-B V-B

Sprinklers: No Partial II-B NFPA 1B NFPA 13R NFPA 13D

Standpipes: No Yes Class I II III Wet Dry

Fire District: No Yes Flood Hazard Area: No Yes

Special Inspections Required: No Yes

FLOOR	EXISTING (SQ. FT.)	NEW (SQ. FT.)	SUB-TOTAL
3rd Floor	n/a	-	n/a
2nd Floor	32,748	-	32,748
Mezzanine	n/a	-	n/a
1st Floor	33,781	-	33,781
Basement	n/a	-	n/a
TOTAL	66,519	-	66,519

ALLOWABLE AREA
Primary Occupancy Classification(s):
Assembly A-1 A-2 A-3 A-4 A-5
Business
Educational
Factory F-1 Moderate F-2 Low
Hazardous H-1 Detonate H-2 Deflagrate H-3 Combust H-4 Health H-5 HFM
Institutional I-1 Condition I-2 I-3 Condition I-4
Mercantile
Residential R-1 R-2 R-3 R-4
Storage S-1 Moderate S-2 Low High-piled
 Parking Garage Open Enclosed Repair Garage
Utility and Miscellaneous

Accessory Occupancy Classification(s): SI (508.2.4) Less Than 10%
Incidental Uses (Table 504):
Special Uses (Chapter 4 - List Code Sections):
Special Provisions (Chapter 5 - List Code Sections):
Mixed Occupancy: No Yes Separation: If Exception:

Non-Separated Use (508.3) - The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.

Separated Use (508.4) - See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

Actual Area of Occupancy A + Actual Area of Occupancy B ≤ Allowable Area of Occupancy B

- + = ≤ 1.00

NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 ¹ AREA	(C) AREA FOR FRONTAGE INCREASE ²	(D) ALLOWABLE AREA PER STORY (OR UNLIMITED ^{3,4})
-	-	-	-	-	-

NOT APPLICABLE

¹ Frontage area increases from Section 506.3 are computed this way:
a. Perimeter which fronts a street = _____ ft. (F)
b. Total Building Perimeter = _____ ft. (P)
c. Ratio (F/P) = _____ (F/P)
d. W = Minimum width of public way = _____ ft. (W)
e. Percent of frontage increase = 100 (F/P - 0.25) X W/30 = _____ (%)

² Unlimited area applicable under conditions of Section 507.
³ Maximum Building Area = total number of stories in the building X D (maximum 3 stories) X (506.2).
⁴ The maximum area of open parking garages must comply with Table 406.5.4.
⁵ Frontage increase is based on the unspriklered area value in Table 506.2.

USE GROUP AND / OR SPACE DESCRIPTION	(a) AREA sq. ft.	(b) AREA PER OCCUPANT (Table 1004.1.2)	(c) NUMBER OF OCCUPANTS		(d) EGRESS WIDTH PER OCCUPANT (1005.3)				(e) EXIT WIDTH (IN.) SHOWN ON PLANS				
			STAIR	LEVEL	STAIR	LEVEL	STAIR	LEVEL	STAIR	LEVEL			
B	-	-	-	-	-	-	-	-	-	-	-	-	-
Total # of Occupants			564 - Existing To Remain										

¹ See Table 1004.1.2 to determine whether net or gross area is applicable.
² Minimum stairway width (Section 1011.2), min. corridor width (Section 1020.2), min. door width (Section 1010.1).
³ Minimum width of exit passageway (Section 1024.2).
⁴ The loss of one means of egress shall not reduce the available capacity to less than 50 percent of the total required (Section 1005.5).
⁵ Assembly occupancies (Section 1024).

BUILDING HEIGHT IN FEET (TABLE 504.3) ²	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
-	-	-	-

¹ Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.
² The maximum height of air traffic control towers must comply with Table 412.3.1.
³ The maximum height of open parking garages must comply with Table 406.5.4.

BUILDING ELEMENTS	FIRE SEPARATION DISTANCE (FEET)	RATING PROVIDED (W/REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS											
							Structural Frame, including columns, girders, trusses	Bearing Walls	Nonbearing Walls and Partitions	Floor Construction	Floor Ceiling Assembly	Columns Supporting Floors	Roof Construction, including supporting beams and joists	Roof Ceiling Assembly	Columns Supporting Roof	Shaft Enclosures - Exit	Shaft Enclosures - Other
Structural Frame, including columns, girders, trusses	-	-	-	-	-	-											
Bearing Walls	-	-	-	-	-	-											
Nonbearing Walls and Partitions	-	-	-	-	-	-											
Floor Construction	-	-	-	-	-	-											
Floor Ceiling Assembly	-	-	-	-	-	-											
Columns Supporting Floors	-	-	-	-	-	-											
Roof Construction, including supporting beams and joists	-	-	-	-	-	-											
Roof Ceiling Assembly	-	-	-	-	-	-											
Columns Supporting Roof	-	-	-	-	-	-											
Shaft Enclosures - Exit	-	-	-	-	-	-											
Shaft Enclosures - Other	-	-	-	-	-	-											
Corridor Separation	-	-	-	-	-	-											
Occupancy / Fire Barrier Separation	-	-	-	-	-	-											
Party / Fire Wall Separation	-	-	-	-	-	-											
Smoke Barrier Separation	-	-	-	-	-	-											
Smoke Partition	-	-	-	-	-	-											
Tenant / Dwelling Unit / Sleeping Unit Separation	-	-	-	-	-	-											
Incidental Use Separation	-	-	-	-	-	-											

*Indicate section number permitting reduction

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINE	DEGREE OF OPENINGS PROTECTION (TABLE 105.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
-	-	-	-

USE SPACE	WATER CLOSETS		URINALS		LAVATORIES		SHOERS / TUBS	DRINKING FOUNTAINS
	MALE	FEMALE	UNISEX	MALE	FEMALE	UNISEX		
EXIST'G	-	-	-	-	-	-	-	-
NEW	-	-	-	-	-	-	-	-
REQ'D	-	-	-	-	-	-	-	-

NOT APPLICABLE

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHS, etc., describe below)

2018 APPENDIX B, STRUCTURAL DESIGN (See drawing sheet _____)
2018 APPENDIX B, MECHANICAL DESIGN (See drawing sheet _____)
2018 APPENDIX B, ELECTRICAL DESIGN (See drawing sheet _____)

USE GROUP AND / OR SPACE DESCRIPTION	AREA sq. ft.	AREA PER OCCUPANT (Table 1004.1.2)	(c) NUMBER OF OCCUPANTS		(d) EGRESS WIDTH PER OCCUPANT (1005.3)				(e) EXIT WIDTH (IN.) SHOWN ON PLANS				
			STAIR	LEVEL	STAIR	LEVEL	STAIR	LEVEL	STAIR	LEVEL			
B	-	-	-	-	-	-	-	-	-	-	-	-	
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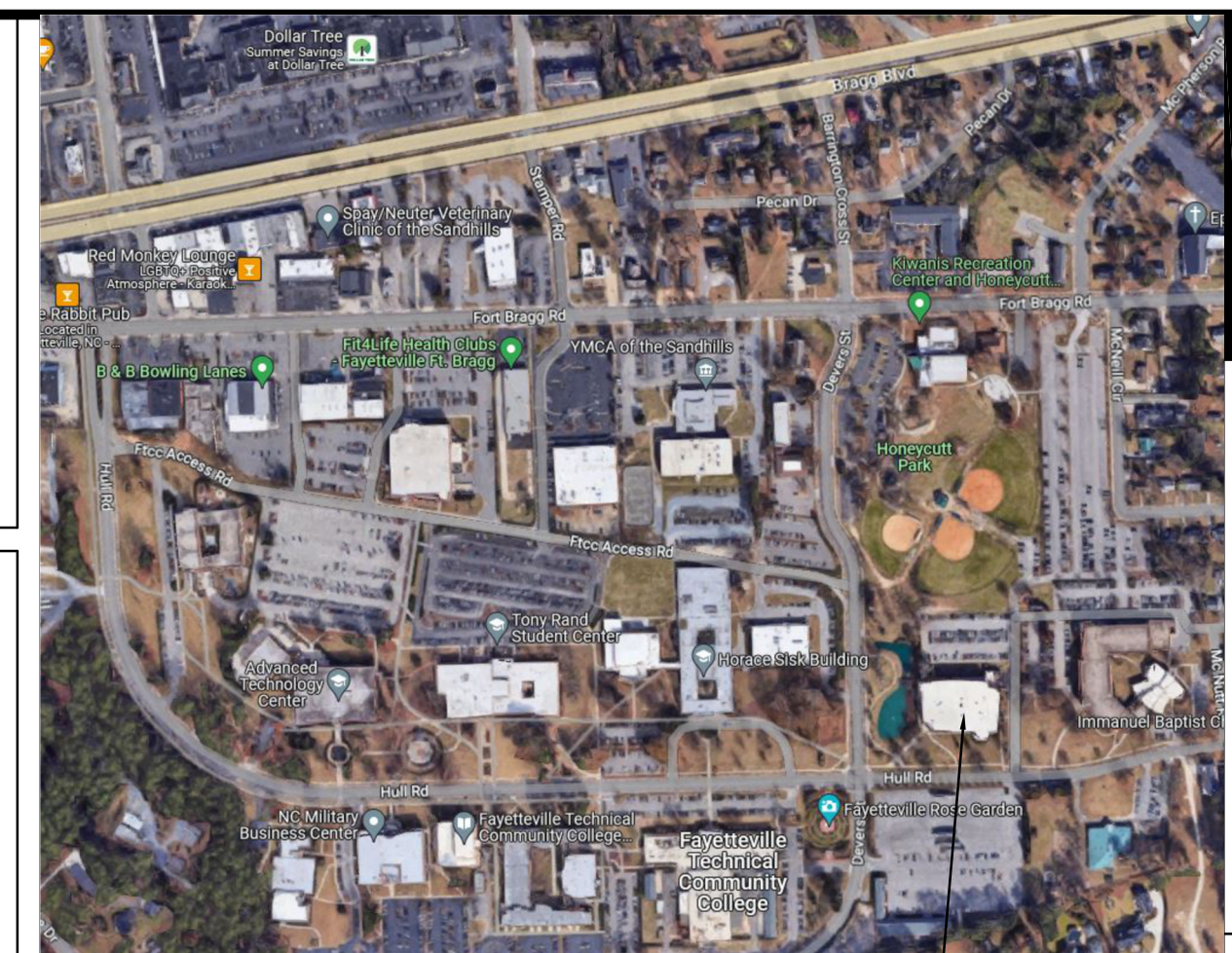
BUILDING ELEMENTS	FIRE SEPARATION DISTANCE (FEET)	RATING PROVIDED (W/REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS											
							Structural Frame, including columns, girders, trusses	Bearing Walls	Nonbearing Walls and Partitions	Floor Construction	Floor Ceiling Assembly	Columns Supporting Floors	Roof Construction, including supporting beams and joists	Roof Ceiling Assembly	Columns Supporting Roof	Shaft Enclosures - Exit	Shaft Enclosures - Other
Structural Frame, including columns, girders, trusses	-	-	-	-	-	-											
Bearing Walls	-	-	-	-	-	-											
Nonbearing Walls and Partitions	-	-	-	-	-	-											
Floor Construction	-	-	-	-	-	-											
Floor Ceiling Assembly	-	-	-	-	-	-											
Columns Supporting Floors	-	-	-	-	-	-											
Roof Construction, including supporting beams and joists	-	-	-	-	-	-											
Roof Ceiling Assembly	-	-	-	-	-	-											
Columns Supporting Roof	-	-	-	-	-	-											
Shaft Enclosures - Exit	-	-	-	-	-	-											
Shaft Enclosures - Other	-	-	-	-	-	-											
Corridor Separation	-	-	-	-	-	-											
Occupancy / Fire Barrier Separation	-	-	-	-	-	-											
Party / Fire Wall Separation	-	-	-	-	-	-											
Smoke Barrier Separation	-	-	-	-	-	-											
Smoke Partition	-	-	-	-	-	-											
Tenant / Dwelling Unit / Sleeping Unit Separation	-	-	-	-	-	-											
Incidental Use Separation	-	-	-	-	-	-											

*Indicate section number permitting reduction

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES REQUIRED	# OF ACCESSIBLE SPACES PROVIDED	# OF ACCESSIBLE SPACES PROVIDED		TOTAL # ACCESSIBLE SPACES PROVIDED
			96" SPACES	132" SPACES	
LOT OR PARKING AREA	-	-	-	-	-
TOTAL	-	-	-	-	-

ENERGY SUMMARY	
ENERGY REQUIREMENTS: The following data shall be considered minimum and any special attributes required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs. annual energy cost for the proposed design.	
Existing building envelope complies with code: <input type="checkbox"/> No <input type="checkbox"/> Yes (The remainder of this section is not applicable)	
Exempt Building: <input type="checkbox"/> No <input type="checkbox"/> Yes (Provide local code stability reference)	
Climate Zone: <input type="checkbox"/> 3A <input type="checkbox"/> 4A <input type="checkbox"/> 5A	
Method of Compliance: <input type="checkbox"/> Prescriptive <input type="checkbox"/> Performance <input type="checkbox"/> Prescriptive (If "Other" specify source here)	
THERMAL ENVELOPE (Prescriptive method only)	
Roof / Ceiling Assembly (each assembly)	Walls below grade (each assembly)
Description of assembly: _____	Description of assembly: _____
U-Value of total assembly: _____	U-Value of total assembly: _____
R-Value of insulation: _____	R-Value of insulation: _____
Skylights in each assembly: _____	Floors over unconditioned space (each assembly)
U-Value of skylight: _____	Description of assembly: _____
Total square footage of skylight in each assembly: _____	U-Value of total assembly: _____
Exterior Walls (each assembly)	R-Value of insulation: _____
Description of assembly: _____	Floors slab on grade
U-Value of total assembly: _____	Description of assembly: _____
R-Value of insulation: _____	U-Value of total assembly: _____
Openings (windows or doors with glazing)	R-Value of insulation: _____
U-Value of assembly: _____	Horizontal / vertical requirement: _____
Solar heat gain coefficient: _____	Slab heated: _____
Projection factor: _____	
Door R-Values: _____	

1 KEY PLAN - FIRST FLOOR
1/32" = 1'-0"



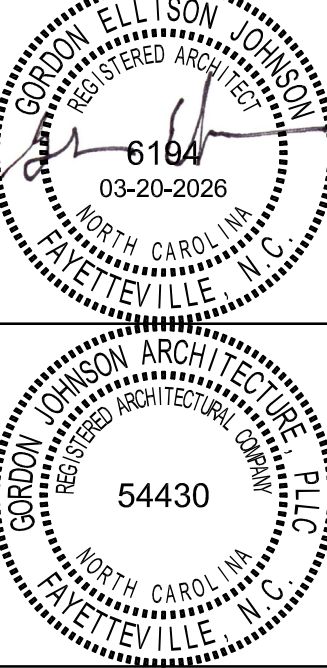
VICINITY MAP
FAYETTEVILLE, NC

Drawing Sheet Index
T51 Cover Sheet & Building Code Data
A.O.1 Notes, Abbreviations, Life Safety Plan, & Finish Schedule
P.L.O Demo Plans, Floor Plan, Reflected Ceiling Plan, & Notes
P.L.O Plumbing Plan, Notes, & Schedule
M.L.O Mechanical Plan
E.L.O Electrical Demo Plan
E.2.O Electrical Power Plan
E.3.O Electrical Lighting Plan & Fixture Schedule

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Architecture

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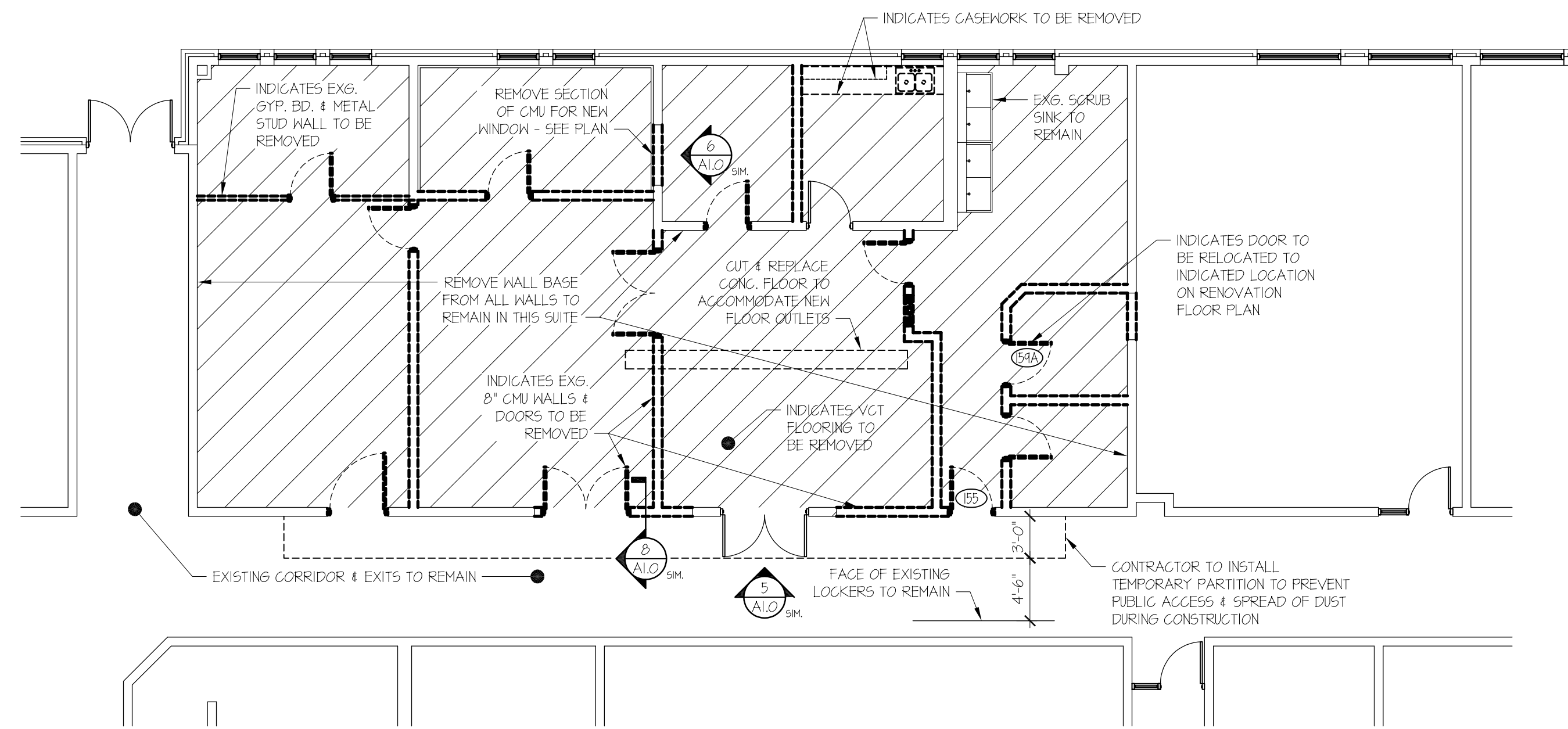
Fayetteville Tech. Comm. College HTC Surgical Lab Renovation
2301 Hull Road
Fayetteville, North Carolina 28303

DRAWN BY: JD Pike
REVIEWED BY: G. Johnson
DATE: 3-20-2026
PROJECT NO.: 2523

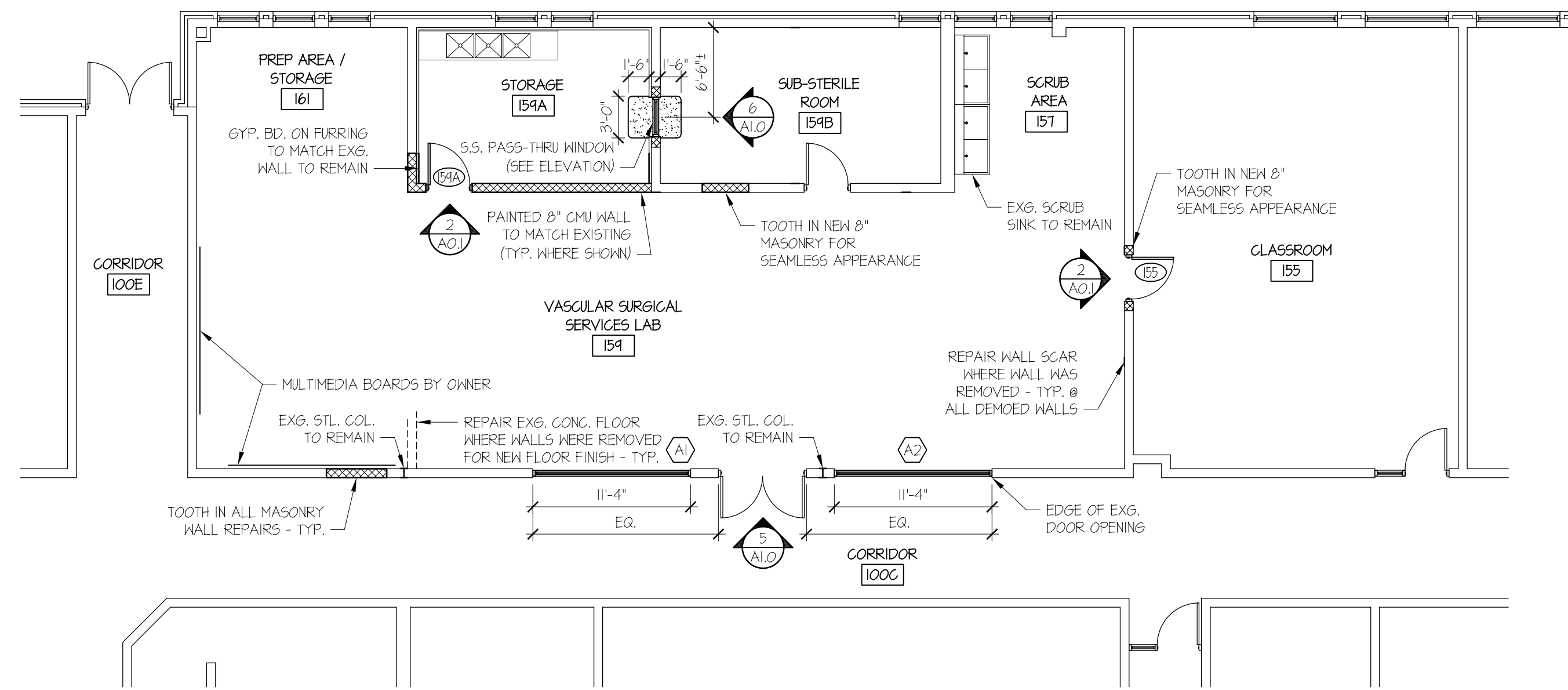
REVISIONS	
Number	Date
#	XX-XX-XXXX

SHEET NUMBER
TSI

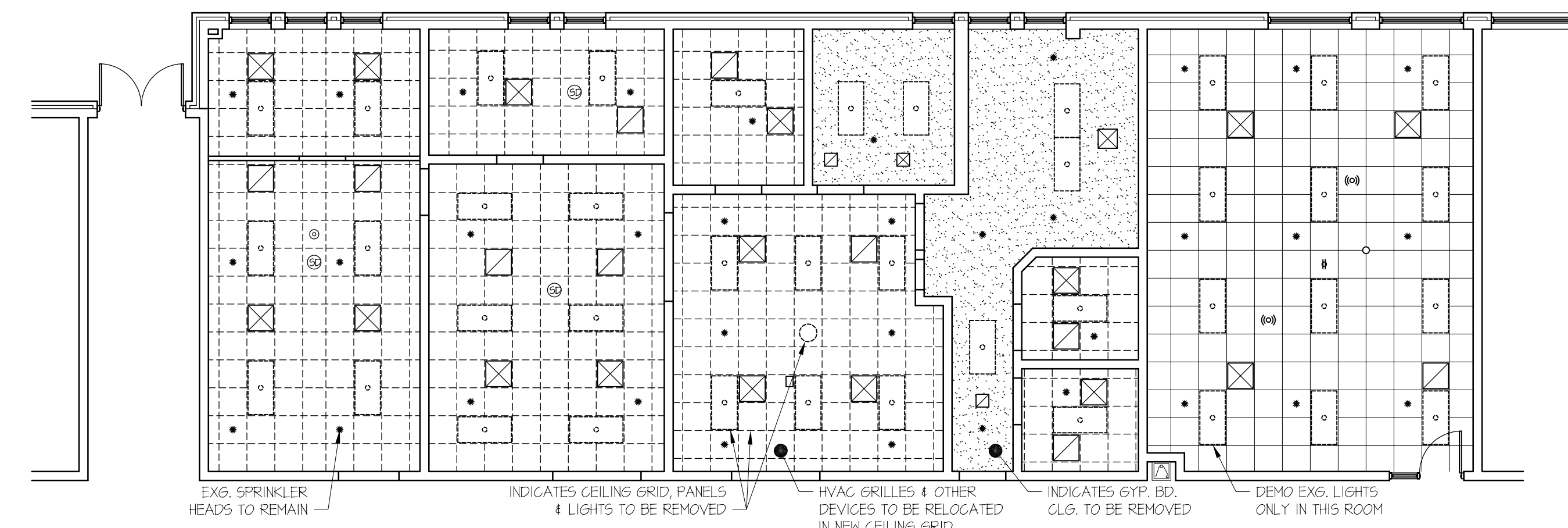
SPACE RESERVED FOR PERMITTING OFFICE



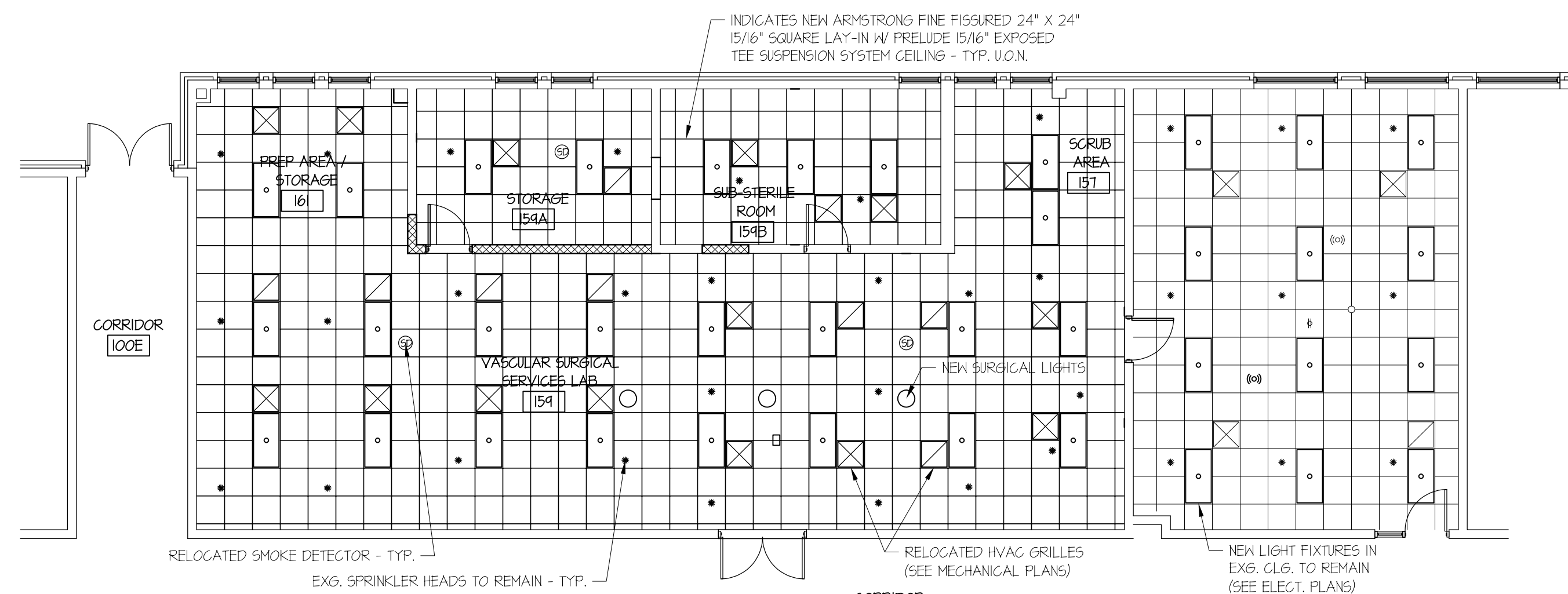
2 DEMOLITION FLOOR PLAN
1/8" = 1'-0"



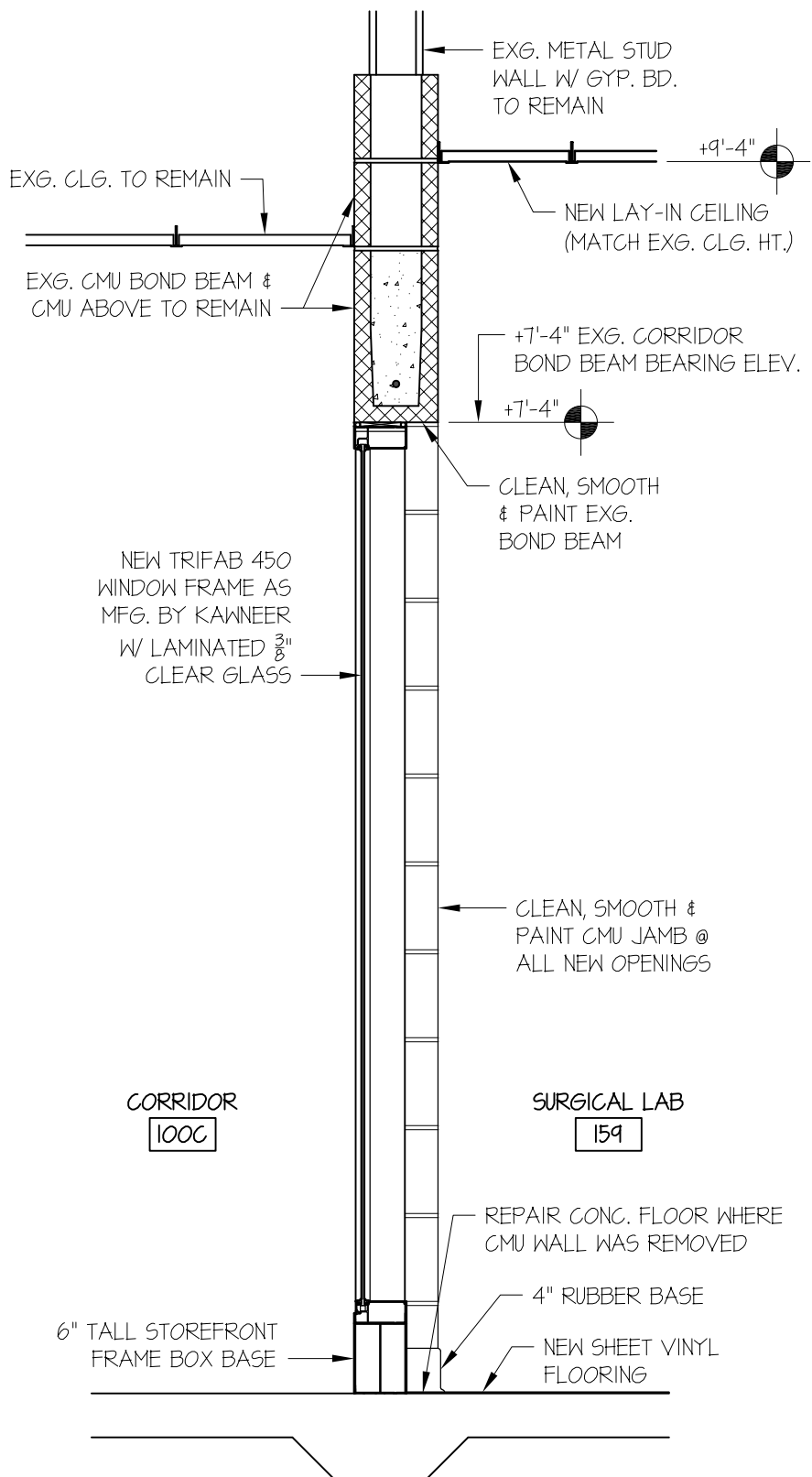
1 RENOVATION FLOOR PLAN
1/8" = 1'-0"



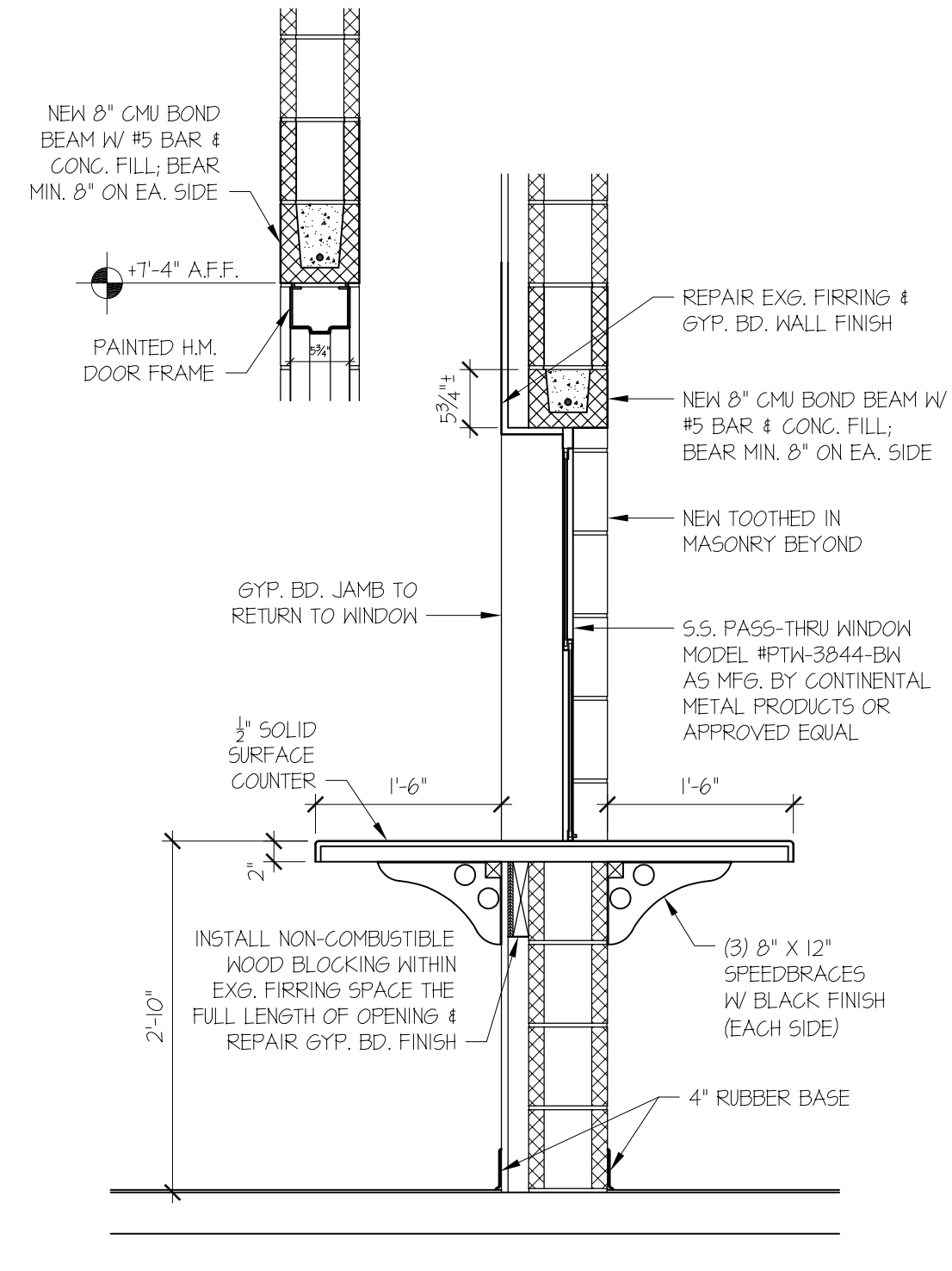
4 REFLECTED CEILING DEMOLITION PLAN
1/8" = 1'-0"



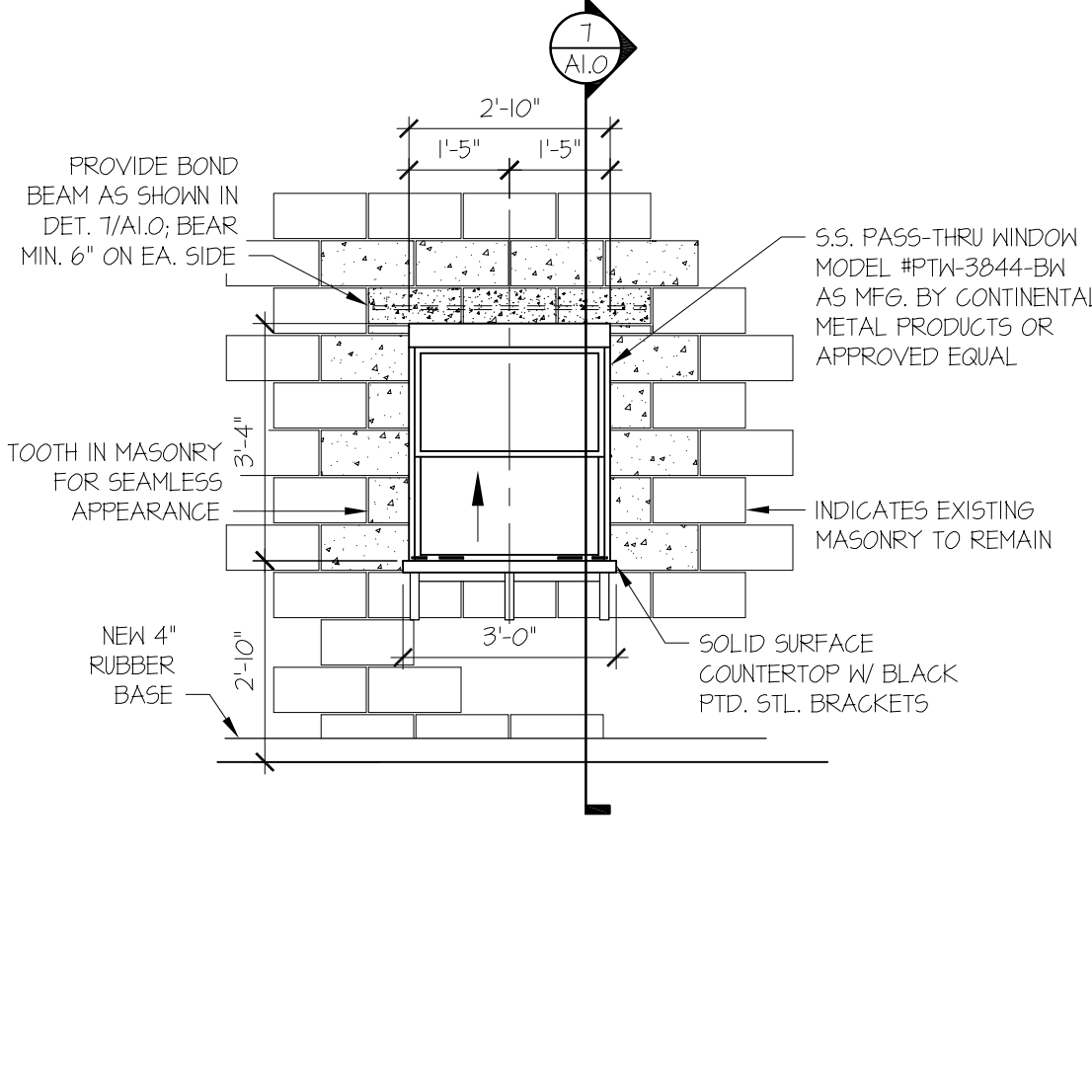
3 REFLECTED CEILING RENOVATION PLAN
1/8" = 1'-0"



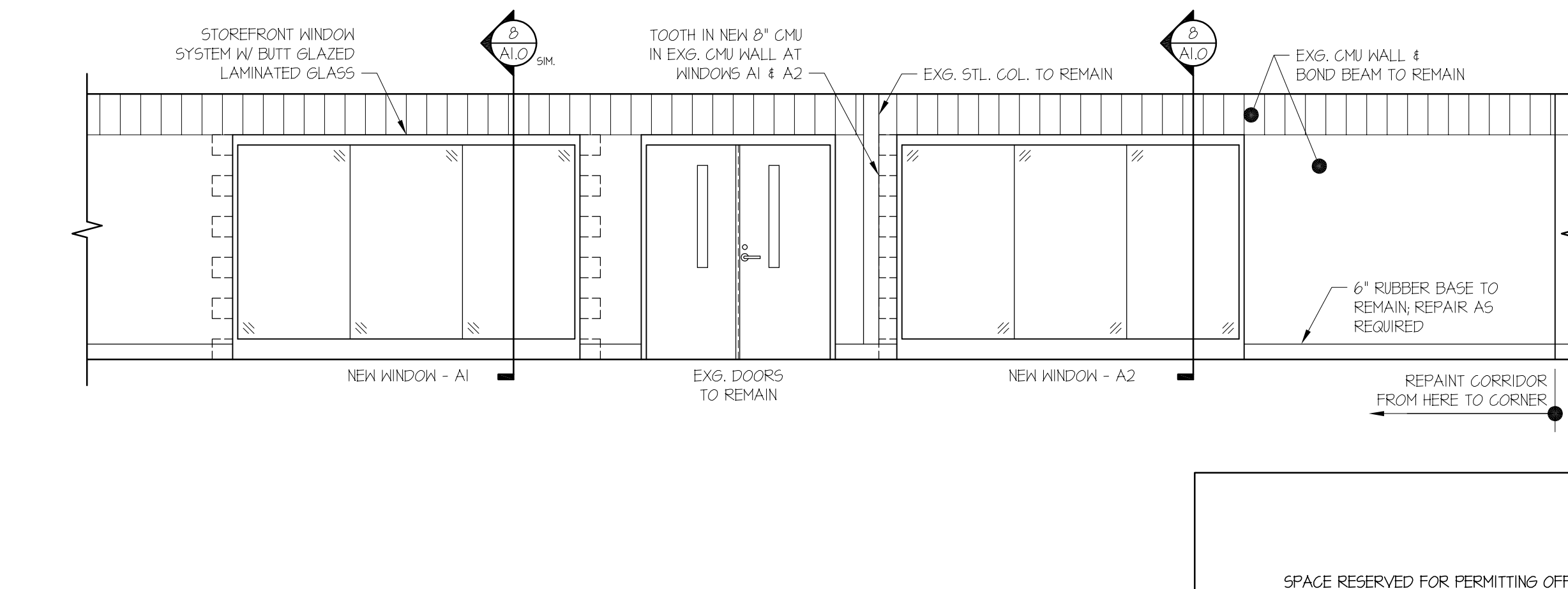
8 SECTION @ CORRIDOR WINDOW
3/4" = 1'-0"



7 SECTION @ NEW DOOR / WINDOW
3/4" = 1'-0"



6 WINDOW ELEVATION
3/8" = 1'-0"



5 INTERIOR ELEVATION @ CORRIDOR 100C
1/4" = 1'-0"

SPACE RESERVED FOR PERMITTING OFFICE

PLUMBING FIXTURE SCHEDULE									
ID	DESCRIPTION	CW	HW	VENT	WASTE	REFERENCE MODEL NO.	FINISH	MOUNTING HEIGHT	NOTES
SPS	STERILE PROCESSING SINK, 3 COMPARTMENT	1/2"	1/2"	1 1/2"	1 1/2"	MOCK MEDICAL 120-PSINK3	STAINLESS STEEL	37" AFF	PROVIDE WITH TWO MAC MEDICAL PSKT-01 FAUCET ASSEMBLIES & ONE MAC MEDICAL PSKT-03 DI WATER FAUCET ASSEMBLY OR EQUIVALENT
DI	DEIONIZER	3/8"	-	-	-	RESINTECH HYS-122-S-HP	PVC	WALL MOUNTED 30" AFF	E.C. TO PROVIDE POWER. P.C. TO INSTALL. EQUIVALENT MODELS ALLOWED WITH APPROVAL

GENERAL NOTES

- WHEN UTILITY SYSTEMS NEED TO BE REMOVED, PROVIDE CAP, VALVE, PLUG, OR SEAL TO MEET CODE REQUIREMENTS AND MAINTAIN CONTINUUM OF THE SYSTEM.
- PROVIDE TEMPORARY BARRICADES AND PROTECTION TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT CONSTRUCTION TO REMAIN.
- UNLESS DEMOLISHED MATERIAL IS INDICATED TO REMAIN, OR TO BE TURNED OVER TO THE OWNER, REMOVE MATERIAL FROM PROJECT SITE AND DISPOSE OF LEGALLY.
- THE CONTRACTOR IS TO PROTECT THE EXISTING BUILDING STRUCTURE AND FINISHES TO REMAIN.
- THE CONTRACTOR IS TO CAP AND PROTECT ALL UTILITIES AS ENCOUNTERED.

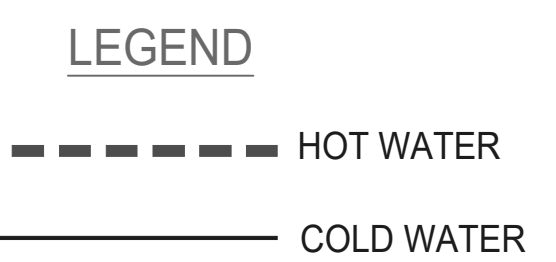
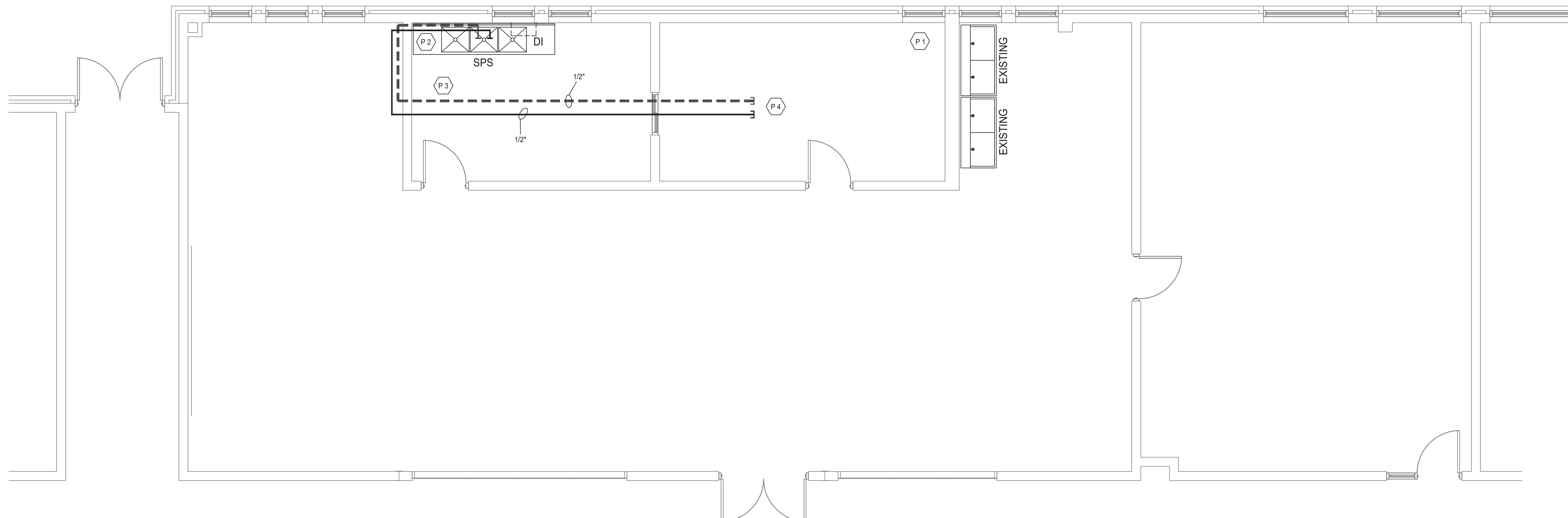
PLUMBING NOTES

- (P1) REMOVE EXISTING TWO COMPARTMENT SINK AND PROVIDE CAP FOR WASTE AND SUPPLY LINES IN THAT AREA BACK TO CONCEALED SPACE (WALL/CEILING/FLOOR). MAINTAIN INTEGRITY FOR POSSIBLE FUTURE CONNECTION.
- (P2) LOCATE PREVIOUS SHOWER DRAIN/FLOOR CLEAN OUT IN THIS AREA FOR CONNECTION TO NEW STERILE 3 COMPARTMENT SINK. CUT CONCRETE AS REQUIRED TO MAKE CONNECTION. SUPPLY LINES ROUTED FROM OVERHEAD IN FURRED WALL CAVITY. CUT/PATCH SHEETROCK AS REQUIRED TO MAKE CONNECTION.
- (P3) LOCATE PREVIOUS VENT PIPING AND RECONNECT FOR NEW STERILE 3 COMPARTMENT SINK.
- (P4) LOCATE PREVIOUSLY CAPPED HOT AND COLD WATER SUPPLIES IN THIS AREA AND CONNECT FOR NEW STERILE 3 COMPARTMENT SINK.

PLUMBING NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE CODE, ALL LOCAL AND OTHER APPLICABLE CODES.
- ANY PERMITS AND INSPECTION FEES SHALL BE SECURED AND PAID FOR BY THE PLUMBING CONTRACTOR.
- ALL WORK SHALL BE PERFORMED BY EXPERIENCED AND SKILLED CRAFTSMEN, THE PLUMBING CONTRACTOR SHALL COORDINATE ALL OF HIS WORK WITH ALL OTHER CONTRACTORS.
- THE PLUMBING PLANS AND SPECIFICATIONS SHALL BE THOROUGHLY REVIEWED PRIOR TO PURCHASING MATERIALS AND INSTALLATION. ALL DISREPIANCES OR INTERFERENCES SHALL BE BROUGHT TO THE ENGINEERS ATTENTION.
- THESE PLANS ARE DIAGRAMMATIC AND MAY NOT SHOW MINOR DETAILS AND LOCATIONS. FOR DIMENSIONS, REFER TO THE ARCHITECTURAL PLANS.
- THE PLUMBING CONTRACTOR SHALL PROVIDE ALL OPENINGS REQUIRED FOR THE PLUMBING WORK. INSTALL SCH. 40 PIPE SLEEVES TWO SIZES LARGER AT PENETRATIONS THROUGH FOUNDATION WALLS. SEAL SLEEVE TIGHT TO THE FOUNDATION WALL. THE PATCHING SHALL BE BY THE PLUMBING CONTRACTOR AND FINISHING BY THE GENERAL CONTRACTOR.
- ABOVE GRADE WATER PIPING SHALL BE ASTM F 877 CROSS-LINKED POLYETHYLENE (PEX) PLASTIC TUBING OR COPPER.

- DRAIN, WASTE AND VENT (DWV) PIPING SHALL BE ASTM D 1784, SOLID-WALL, SCHEDULE 40 PVC WITH SOCKET TYPE FITTINGS AND SOLVENT-WELDED JOINTS. FOAM CORE PIPING IS NOT ACCEPTABLE.
- ALL PIPE, FITTINGS FIXTURES, AND SOLDER TO BE LEAD FREE.
- INDIVIDUAL PIPE SIZES NOT INDICATED ON THE PLANS SHOULD BE SIZED SUITABLY FOR EACH RESPECTIVE FIXTURE.
- WATER PIPING LOCATED ABOVE CEILINGS AND IN EXTERIOR WALLS SHALL BE ROUTED ON HEATED SIDE OF CEILING INSULATION (UNDERSIDE) AND WALL INSULATION (INSIDE).
- ALL COLD AND HOT WATER PIPING SHALL BE INSULATED. INSULATE WASTE PIPING AS DESIGNATED ON PLUMBING DRAWINGS. INSULATION SHALL BE 1" FIBERGLASS. EXPOSED PIPING TO BE WRAPPED WITH ALUMINUM JACKET.
- WATER SHUT-OFF VALVES ABOVE FINISHED CEILING ARE TO BE FREE FROM OBSTRUCTIONS SUCH AS DUCTWORK, LIGHTS, WIRING AND OTHER PIPING SO AS TO PROVIDE EASY ACCESS. MOUNT NO MORE THEN 2'-0" ABOVE FINSHED CEILINGS.
- PLUMBING CONTRACTORS SHALL PROVIDE DIELECTRIC UNION WHEN CONNECTING DISSIMILAR MATERIAL.
- THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL ELECTRICAL AND CONTROL CONNECTIONS TO THE EQUIPMENT FURNISHED UNDER HIS CONTRACT.
- THE PLUMBING CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO THE INSTALLATION OF ANY WORK.
- LOCATIONS OF UTILITIES (WASTE AND WATER PIPING, ECT...) PROVIDED BY OTHERS, THAT ARE TO BE CONNECTED TO ARE ASSUMED. IT SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTORS TO VERIFY THESE LOCATIONS AND MAKE FINAL CONNECTIONS AS REQUIRED.
- VERIFY THE LOCATION OF ALL EQUIPMENT SUPPLIED BY OTHERS.
- PROVIDE VACCUM BREAKERS ON ALL EQUIPMENT DIRECTY CONNECTED TO THE WATER SYSTEM.
- ALL VENT PIPING THROUGH THE ROOF SHALL BE MINIMUM OF 12'-0" FROM ALL MAKEUP AIR INLETS OR A MINIMUM OF 2'-0" ABOVE THE TOP OF ALL MAKEUP AIR INLETS. VENTS THROUGH ROOF ARE TO BE ON REAR OF BUILDING.
- SEE ARCHITECTURAL DRAWINGS FOR PLUMBING MINIMUM FACILITY CALCULATIONS.

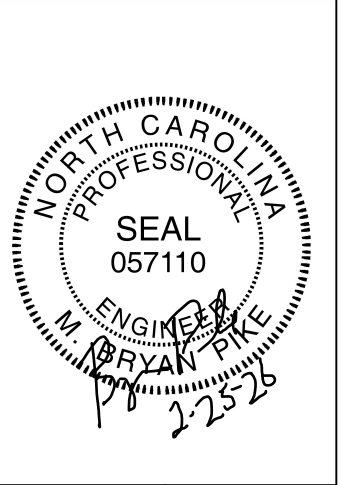


PLUMBING PLAN
SCALE: 1/4" = 1'-0"

SPACE RESERVED FOR PERMITTING OFFICE



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Architecture
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Phone: (910) 232-2186
E-Mail: gjo@gordonjohnsonarchitecture.com



Fayetteville Tech. Comm. College HTC Surgical Lab Renovation
2301 Hull Road
Fayetteville, North Carolina 28303

DRAWN BY: P. Jones
REVIEWED BY: B. Pike
DATE: 2/25/26
PROJECT NO.: xxxxx

REVISIONS	
Number	Date
-	-

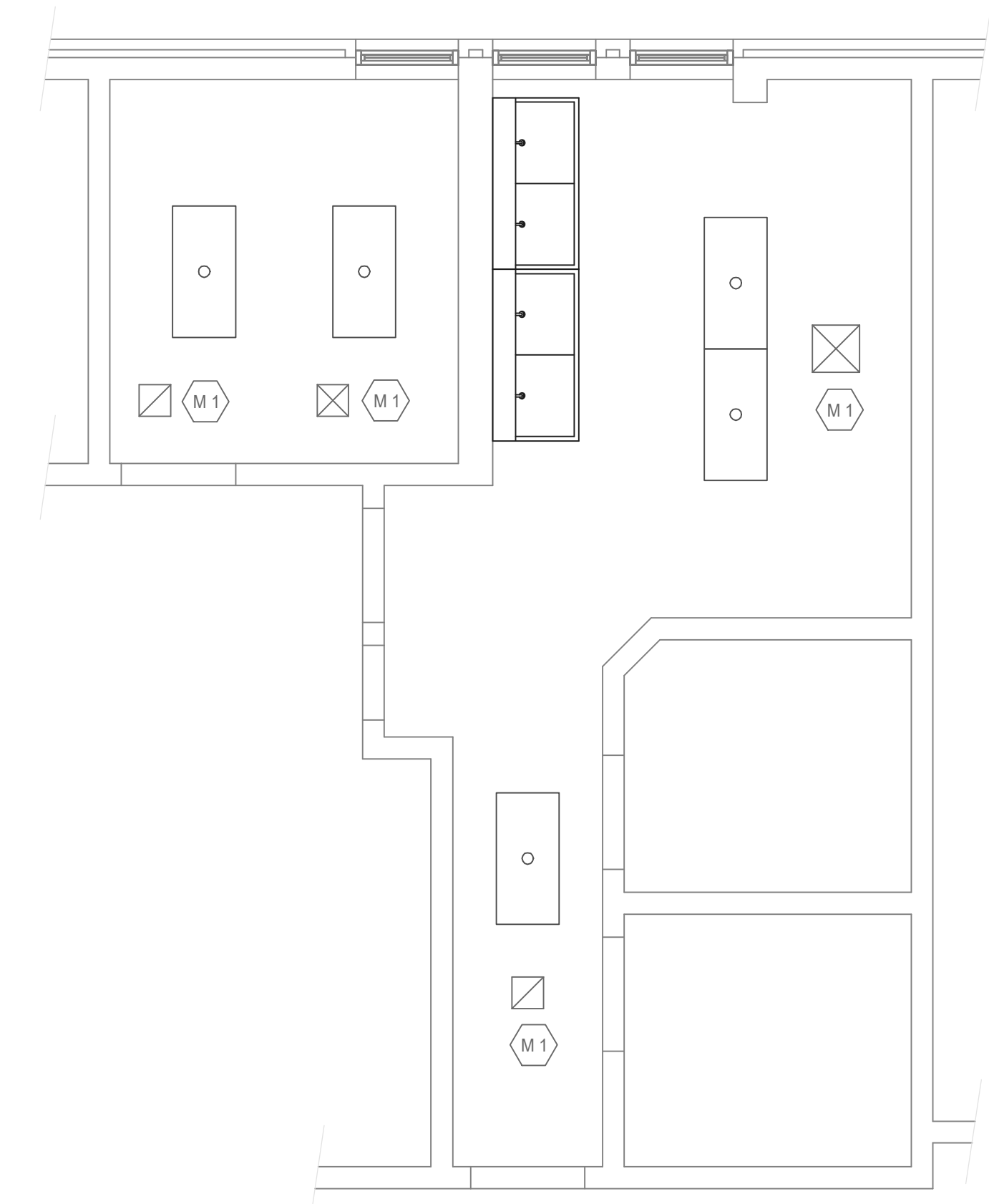
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GENERAL NOTES

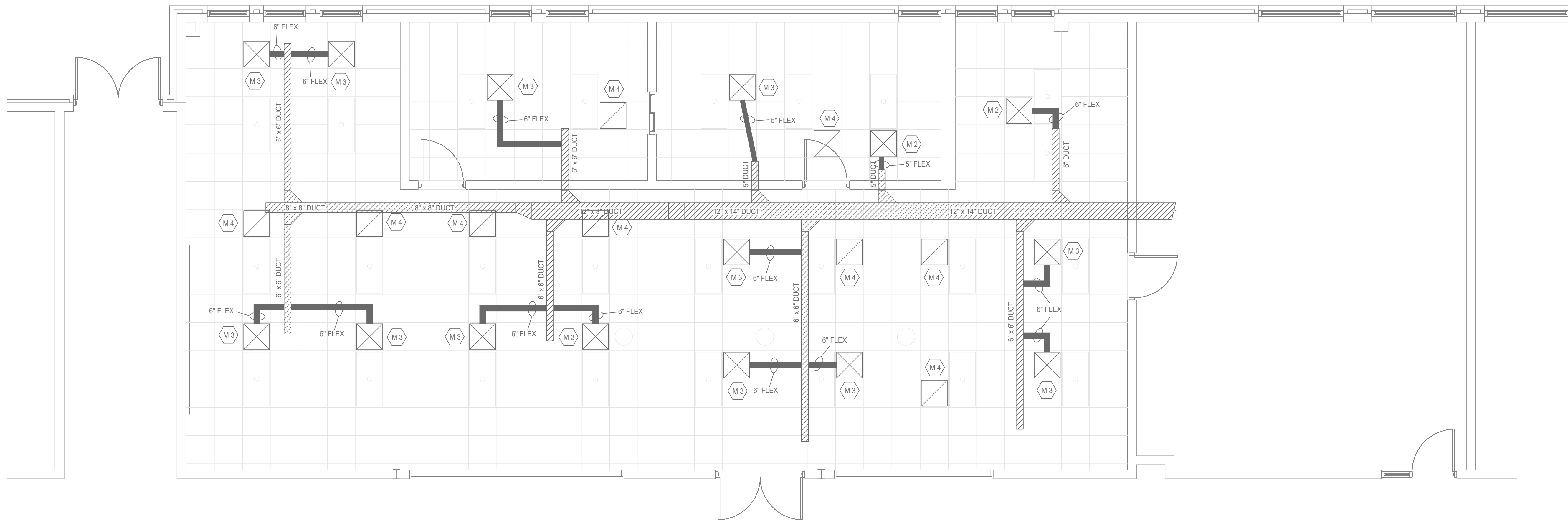
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2. PROVIDE TEMPORARY BARRICADES AND PROTECTION TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT CONSTRUCTION TO REMAIN.
3. UNLESS DEMOLISHED MATERIAL IS INDICATED TO REMAIN, OR TO BE TURNED OVER TO THE OWNER, REMOVE MATERIAL FROM PROJECT SITE AND DISPOSE OF LEGALLY.
4. THE CONTRACTOR IS TO PROTECT THE EXISTING BUILDING STRUCTURE AND FINISHES TO REMAIN.
5. THE CONTRACTOR IS TO CAP AND PROTECT ALL UTILITIES AS ENCOUNTERED.

MECHANICAL NOTES

- (M1) REMOVE EXISTING GRILLE AND DUCT AS SHOWN.
- (M2) NEW SUPPLY GRILLE TO MATCH EXISTING. PROVIDE 6" FLEX DUCT BACK TO MAIN TRUNK LINE.
- (M3) RELOCATED SUPPLY GRILLE. EXTEND/REPLACE DUCT AND FLEX DUCT AS REQUIRED.
- (M4) RELOCATED RETURN GRILLE. EXTEND/REPLACE DUCT AND FLEX DUCT AS REQUIRED.



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



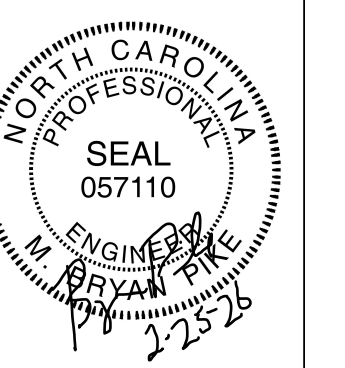
MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

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Fayetteville Tech. Comm. College HTC Surgical Lab Renovation

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DRAWN BY: P. Jones
REVIEWED BY: B. Pike
DATE: 2/25/26
PROJECT NO.: xxxxx

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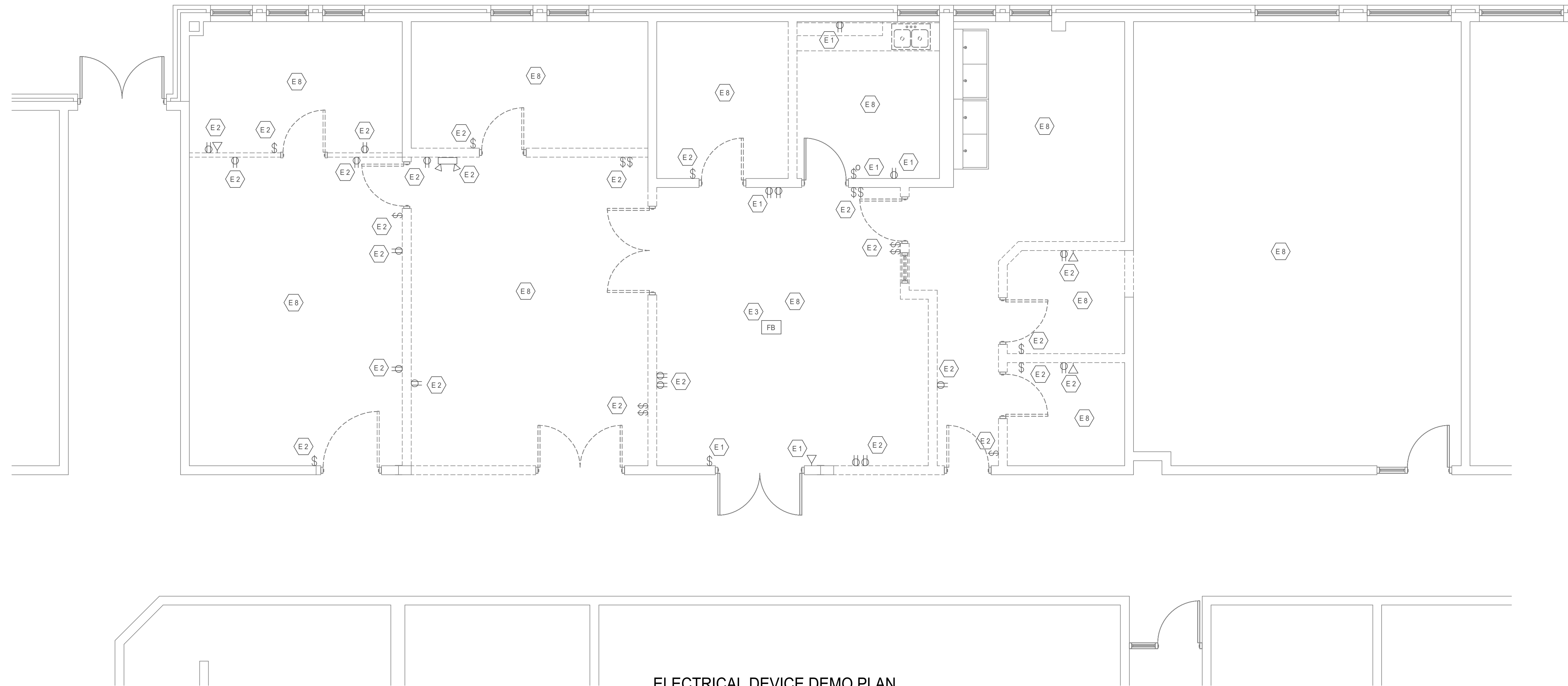
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ELECTRICAL NOTES

- E1 EXISTING DEVICE TO REMAIN.
- E2 EXISTING DEVICE TO BE DEMOLISHED.
- E3 EXISTING FLOOR BOX TO REMAIN. INSTALL TWO ADDITIONAL FLOOR BOXES ON SAME CIRCUIT. CUT AND PATCH CONCRETE FOR CONNECTION.
- E4 NEW DEVICES TO UTILIZE EXISTING IPC-19 CIRCUIT DEMOLISHED FROM SAME AREA.
- E5 NEW DEVICES TO UTILIZE EXISTING IPC-23 CIRCUIT DEMOLISHED FROM SAME AREA.
- E6 NEW DEVICES TO UTILIZE EXISTING IPC-21 CIRCUIT DEMOLISHED FROM SAME AREA.
- E7 NEW DEVICES TO UTILIZE EXISTING IDPA-17 CIRCUIT DEMOLISHED FROM SAME AREA.
- E8 ALL LIGHTS/FIXTURES IN THIS AREA TO BE DEMO'D AND CIRCUITS PREPARED FOR NEW FIXTURES PER LIGHTING PLAN.
- E9 POWER FOR AQUIS BOARD TO BE PROVIDED FROM EXISTING POWER STRIP BELOW.
- E10 NEW DEVICE FED FROM OVERHEAD WITH WIREMOLD TO MATCH EXISTING.
- E11 NEW DEVICE FED FROM OVERHEAD IN EXISTING GWB FURRED WALL.

GENERAL NOTES

1. WHEN UTILITY SYSTEMS NEED TO BE REMOVED, PROVIDE CAP, VALVE, PLUG, OR SEAL TO MEET CODE REQUIREMENTS AND MAINTAIN CONTINUUM OF THE SYSTEM.
2. PROVIDE TEMPORARY BARRICADES AND PROTECTION TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT CONSTRUCTION TO REMAIN.
3. UNLESS DEMOLISHED MATERIAL IS INDICATED TO REMAIN, OR TO BE TURNED OVER TO THE OWNER, REMOVE MATERIAL FROM PROJECT SITE AND DISPOSE OF LEGALLY.
4. THE CONTRACTOR IS TO PROTECT THE EXISTING BUILDING STRUCTURE AND FINISHES TO REMAIN.
5. THE CONTRACTOR IS TO CAP AND PROTECT ALL UTILITIES AS ENCOUNTERED.
6. UNLESS NOTED OTHERWISE, ALL EXISTING PANELS SHALL REMAIN.
7. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING ANY HOLES IN REMAINING WALLS RESULTING FROM THE REMOVAL OF ELECTRICAL DEVICES.
8. WHERE CONDUITS ARE CONCEALED IN WALLS OR FLOORS NOT SUBJECT TO REMOVAL, THE CONTRACTOR MAY ABANDON THE CONDUIT BUT SHALL REMOVE ALL EQUIPMENT AND WIRING. PROVIDE BLANK STAINLESS STEEL FACEPLATES TO COVER EMPTY JUNCTION BOXES.
9. REMOVE ALL ELECTRICAL DEVICES, WHETHER SHOWN ON THE PLANS OR NOT, WHICH ARE LOCATED IN WALLS SUBJECT TO REMOVAL OR IN AREAS SPECIFICALLY REFERRED TO IN NOTES.
10. THE ELECTRICAL CONTRACTOR SHALL MAINTAIN ALL CIRCUIT CONTINUITY TO ALL REMAINING CIRCUITS IN AREAS WHERE PART, BUT NOT ALL, OF THE CIRCUIT IS BEING REMOVED.
11. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE PRIOR TO THE BID TO DETERMINE FIELD CONDITIONS AND TO FIELD VERIFY THE EXTENT OF THE DEMOLITION WORK.



ELECTRICAL DEVICE DEMO PLAN

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

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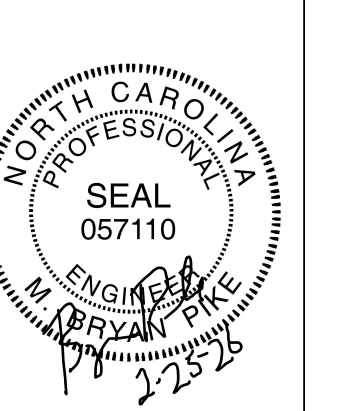
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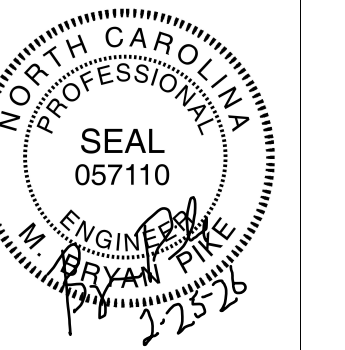
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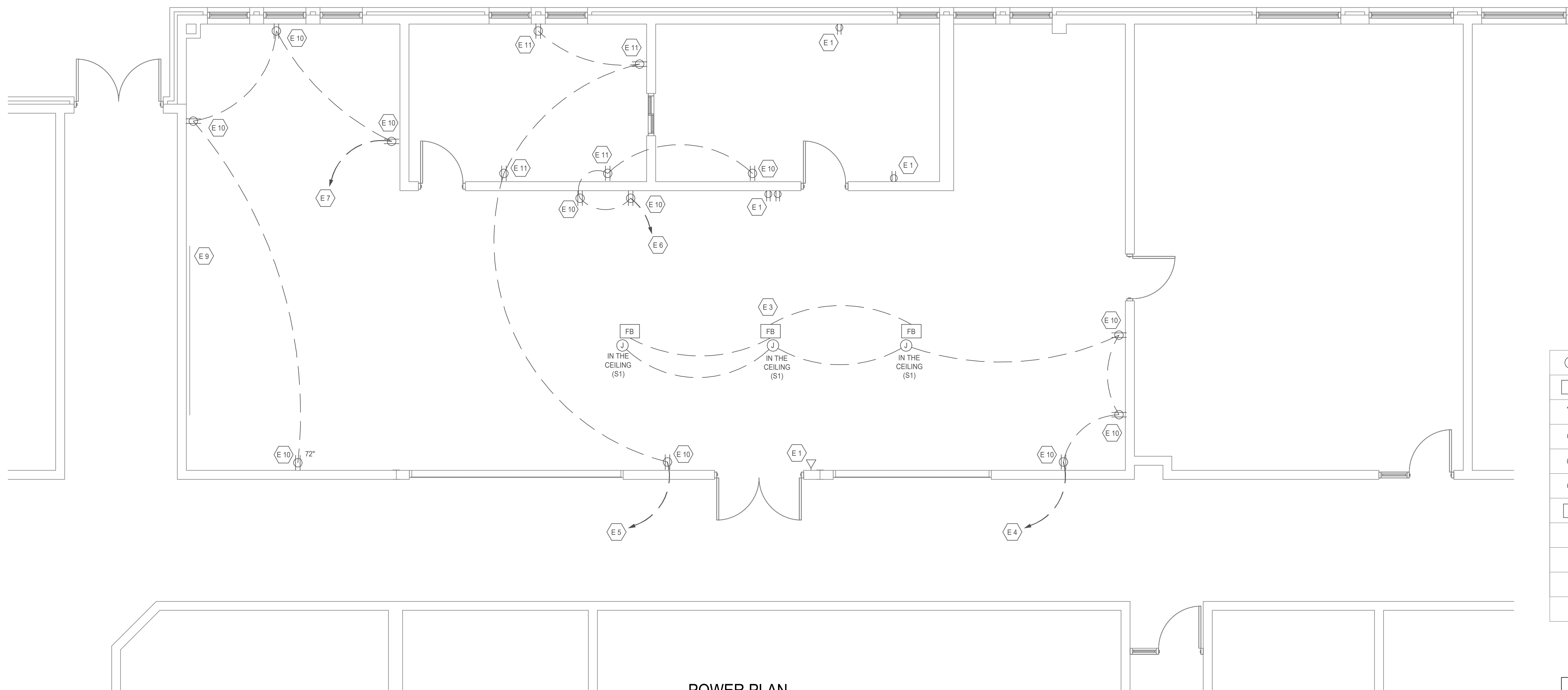
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ELECTRICAL NOTES

- (E1) EXISTING DEVICE TO REMAIN.
- (E2) EXISTING DEVICE TO BE DEMOLISHED.
- (E3) EXISTING FLOOR BOX TO REMAIN. INSTALL TWO ADDITIONAL FLOOR BOXES ON SAME CIRCUIT. CUT AND PATCH CONCRETE FOR CONNECTION.
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- (E8) ALL LIGHTS/FIXTURES IN THIS AREA TO BE DEMO'D AND CIRCUITS PREPARED FOR NEW FIXTURES PER LIGHTING PLAN.
- (E9) POWER FOR AQUIS BOARD TO BE PROVIDED FROM EXISTING POWER STRIP BELOW.
- (E10) NEW DEVICE FED FROM OVERHEAD WITH WIREMOLD TO MATCH EXISTING.
- (E11) NEW DEVICE FED FROM OVERHEAD IN EXISTING GWB FURRED WALL.



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

LEGEND

	JUNCTION BOX
	DISCONNECT
	DATA OUTLET
	110v OUTLET
	GROUND FAULT OUTLET
	220v OUTLET
	FLOOR BOX
	3 WAY SWITCH
	SINGLE POLE SWITCH
	OCCUPANCY SENSOR
	SINGLE POLE DIMMER SWITCH

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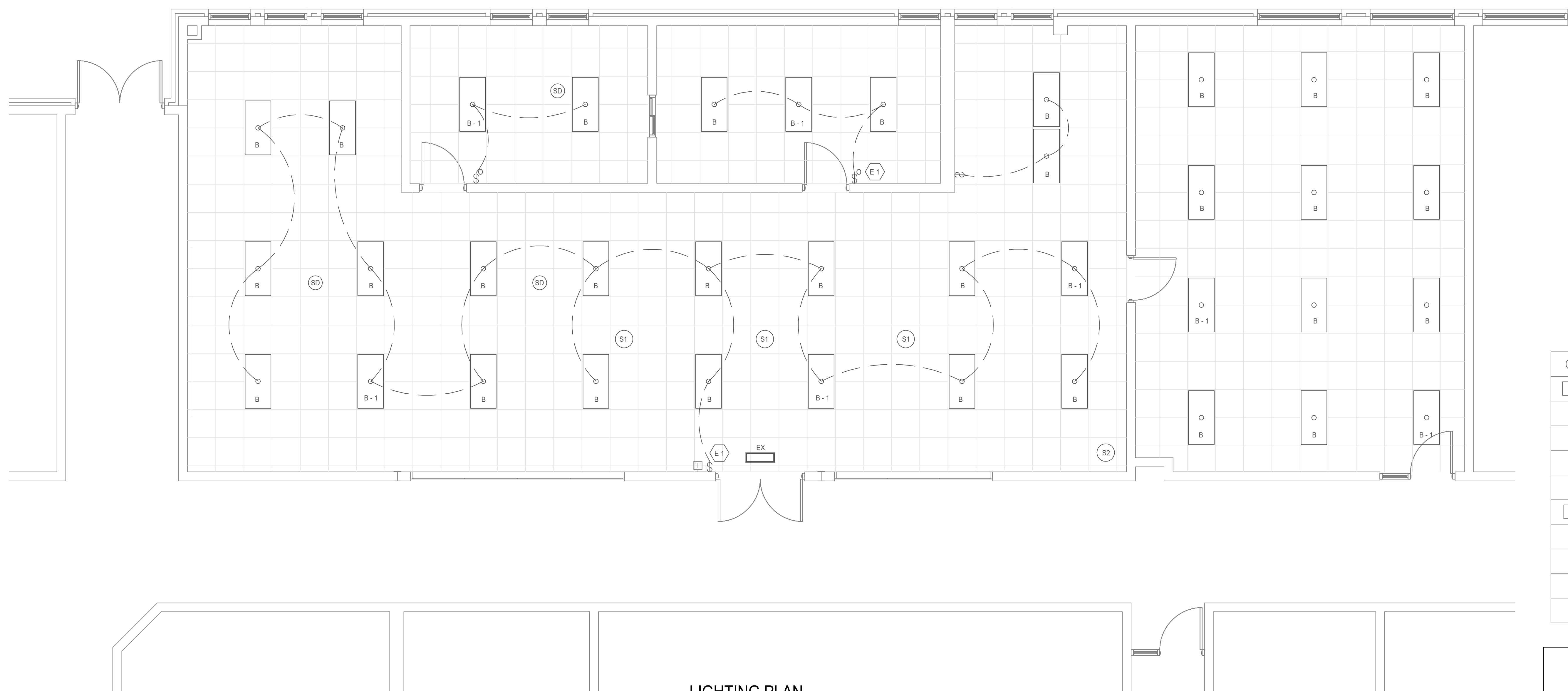
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LIGHT FIXTURE SCHEDULE				
TYPE	DESCRIPTION	MANUFACTURER	ELECTRICAL DATA	NOTES
B	2' x 4' LAY IN LED FLAT PANEL	LITHONIA LFRM2X4AL08SWW7MVOLTM6 OR EQUIVALENT	4000 LUMEN, 3500K, 40W, 120-277V	COLOR / TRIM TO BE WHITE
B1	2' x 4' LAY IN LED FLAT PANEL W/ EMERGENCY BACKUP	LITHONIA LFRM2X4AL08SWW7MVOLTM6IE10WCP OR EQUIVALENT	400 LUMEN, 3500K, 40W, 120-277V, 10W EMERGENCY BACKUP	COLOR / TRIM TO BE WHITE
S1	CEILING MOUNTED EXAM LIGHT	MIRA L-MLED50-CM-S-ST	50,000 LUMENS, 4500K, 50W, 120-277V	COLOR / TRIM TO BE WHITE
S2	FLOOR STAND EXAM LIGHT	MIRA L-MLED50-FS-S-ST	50,000 LUMENS, 4500K, 50W, 120-277V	COLOR / TRIM TO BE WHITE
EX	SINGLE FACED EXIT LIGHT	HUBBEL SE SERIES CER OR EQUIVALENT	54 LUMENS, RED, 1.88W, 120-277V, EMERGENCY BATTERY PACK w/ INTEGRAL TEST SWITCH & 10 W CONSTANT POWER	COLOR / TRIM TO BE WHITE



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

LEGEND

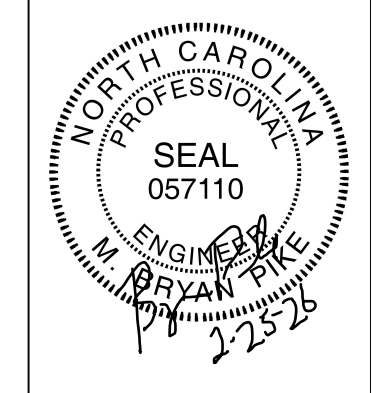
	JUNCTION BOX
	DISCONNECT
	DATA OUTLET
	110v OUTLET
	GROUND FAULT OUTLET
	220v OUTLET
	FLOOR BOX
	3 WAY SWITCH
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	OCCUPANCY SENSOR
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