

1 Demolition Floor Plan
1/4" = 1'-0"

General Demolition Notes:

- ALL DASHED WALLS ARE TO BE REMOVED AS INDICATED PER LEGEND. DOORS WITHIN WALLS TO BE REMOVED SHALL BE REMOVED INCLUDING ALL ASSOCIATED TRIMS AND HARDWARE UNLESS SPECIFICALLY INDICATED TO BE SALVAGED.
- "SAFE-OFF" M.P.E. SYSTEMS BY QUALIFIED MECHANICAL, PLUMBING, AND ELECTRICAL CONTRACTOR, AS REQUIRED.
- ALL DAMAGE TO FINISH SURFACES AND ALL THROUGH-SLAB OR WALL PENETRATIONS THAT REMAIN FOLLOWING THE DEMOLITION OF EXISTING WALLS SHALL BE NOTED BY CONTRACTOR FOR REPAIR AND SEALING DURING RENOVATION.
- ALL DOORS AND HARDWARE ARE TO REMAIN IN PLACE AND PROTECTED UNLESS OTHERWISE INDICATED.
- REMOVE MISCELLANEOUS WALL-MOUNTED ITEMS WITHIN THE WORK AREA, INCLUDING TACK BOARDS, WHITE BOARDS, CLOCKS. COORDINATE STORAGE AND REINSTALLATION W/ OWNER, UNLESS OTHERWISE NOTED.
- ALL SPRINKLER HEAD LOCATIONS ARE APPROXIMATE AND REQUIRE FIELD VERIFICATION FOR THEIR EXACT LOCATION.

Demolition Legend:

- WALL TO BE DEMOLISHED
- ELEMENT TO BE DEMOLISHED
- WALL TO REMAIN
- ELEMENT TO REMAIN
- R RELOCATED ELEMENT
- /// NOT IN CONTRACT

Demolition Keynotes:

- A REMOVE EXISTING FLOOR FINISH AND ASSOCIATED WALL BASE. PREPARE EXISTING SLAB TO RECEIVE NEW FLOOR FINISH.
- B REMOVE PORTION OF EXISTING WALL TO ALLOW INSTALLATION OF NEW DOOR DURING NEW PHASE. CUT OPENING AT BLOCK COURSING DIMENSIONS IF POSSIBLE. REFER TO STRUCTURAL DWGS.
- C REMOVE EXISTING SINK / BASIN. CAP PLUMBING LINES AS REQUIRED. SEE PLUMBING DWGS.
- D REMOVE EXISTING COUNTERTOP, BASE CABINETRY, WALL CABINETRY, SHELVING, ETC.
- E EXISTING UPS CONSOLE, BATTERY CONSOLE, SERVER, TRANSFORMER AND BYPASS TO REMAIN. CONTRACTOR TO COORDINATE PROTECTION OR REMOVAL AND REINSTALLATION WITH OWNER.
- F EXISTING RAIN LEADER TO REMAIN. COORDINATE W/ PLUMBING DWGS.
- G REMOVE EXISTING CEILING GRID AND TILES. REMOVE ALL ASSOCIATED LIGHT FIXTURES, HVAC DIFFUSERS AND RETURNS, SENSORS, ETC.
- H SALVAGE BASE CABINET FOR REUSE. REFER TO NEW PLAN.
- I REMOVAL OF ALL GAS DEWARs AND CYLINDERS BY OWNER.
- J RELOCATE CHEMICAL STORAGE CABINET BY OWNER.
- K REMOVE SPRINKLER HEAD - TYPICAL OF ALL SPRINKLER HEADS IN BSIR SUITE, CORRIDOR TO BECOME PART OF THE BSIR SUITE, AND IN PORTION OF WET LAB TO BECOME THE TITAN UPS ROOM.
- L EXISTING SPRINKLER HEAD TO REMAIN - TYPICAL OF ALL SPRINKLER HEADS IN WET LAB NOT INCLUDING PORTION OF WET LAB TO BECOME THE TITAN UPS ROOM.
- M REMOVE PORTION OF EXISTING WALL TO ALLOW INSTALLATION OF DOOR DURING NEW PHASE. COORDINATE WITH NEW WORK SCOPE.
- N REMOVE DAMAGED CEILING TILES. REPLACE WITH CEILING TILES TO MATCH EXISTING OR REUSE CEILING TILES IN GOOD CONDITION AND WITHOUT DEFECTS OR DAMAGE FROM AREA TO BECOME TITAN UPS ROOM.



SEAL:

PROJECT TITLE:

FSU BIOLOGY UNIT 1
BSIR 1st Floor Remodel
FSU PROJECT NO. FS 2200192

JOB NO.: 22.120

DESIGNED: BD/JH

DRAWN: JH

CHECKED: BD

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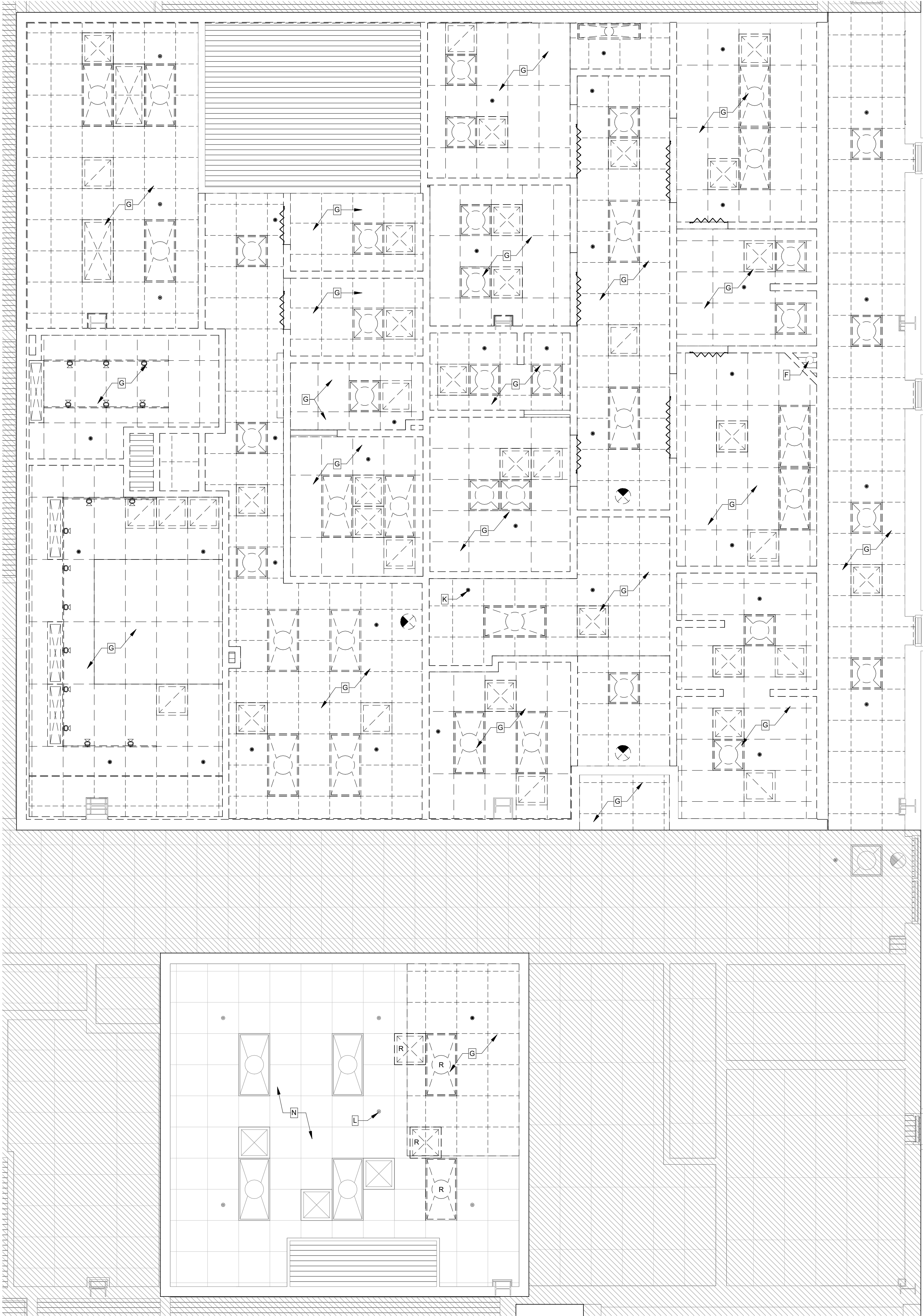
Demolition Floor Plan

SHEET NO.:

AD1.0

DATE:

May 24, 2023



1 Demolition Reflected Ceiling Plan
1/4" = 1'-0"

General Demolition Notes:

1. ALL DASHED WALLS ARE TO BE REMOVED AS INDICATED PER LEGEND. DOORS WITHIN WALLS TO BE REMOVED SHALL BE REMOVED INCLUDING ALL ASSOCIATED TRIMS AND HARDWARE UNLESS SPECIFICALLY INDICATED TO BE SALVAGED.
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5. REMOVE MISCELLANEOUS WALL-MOUNTED ITEMS WITHIN THE WORK AREA, INCLUDING TACK BOARDS, WHITE BOARDS, CLOCKS. COORDINATE STORAGE AND REINSTALLATION W/ OWNER, UNLESS OTHERWISE NOTED.
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- ELEMENT TO BE DEMOLISHED
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bki
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FL Architecture Corporation AK20002280

SEAL:

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**FSU BIOLOGY UNIT 1
BSIR 1st Floor Remodel
FSU PROJECT NO. FS 2200192**

JOB NO.: 22.120

DESIGNED: BD/JH

DRAWN: JH

CHECKED: BD

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Demolition Reflected Ceiling Plan

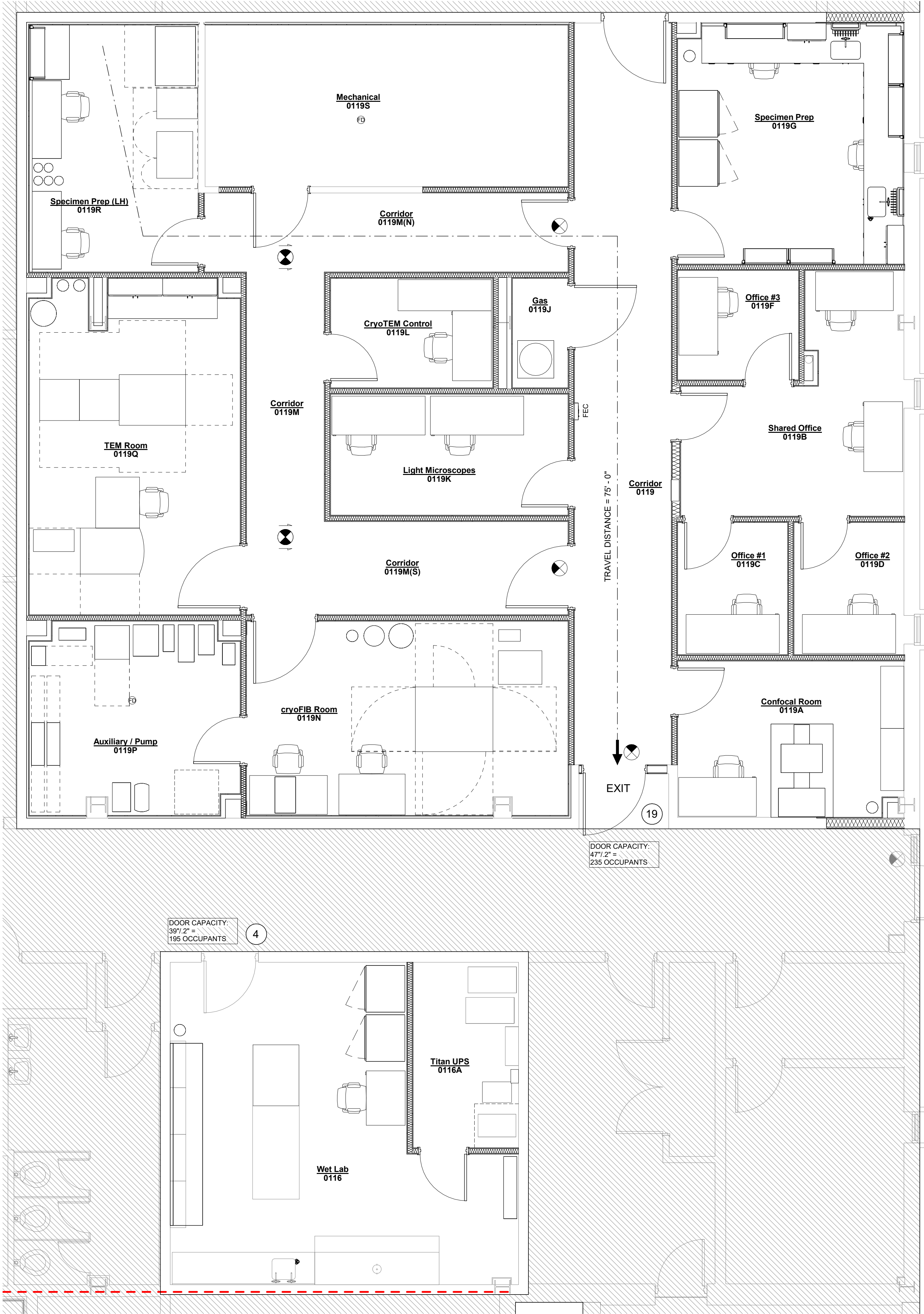
SHEET NO.:

AD1.1

DATE:

May 24, 2023

CODE REVIEW		Allowed/ Required	Provided	Comments
General Project Information				
Project Name:	FSU BSIR Suite 1900			
Project Location:	89 Chieftan Way			
City:	Tallahassee			
County:	Leon			
State:	Florida			
Use and Occupancy Classification				
Occupancy Group Classification				
FBC-B (304.1)	Business Group B			Professional Services
FFPC (6.1.11)	Business			
Hazard Classification (FFPC: 39.1.5 & 6.2.2.3)	Ordinary Hazard			
Laboratory Unit Hazard Classification (NFPA 45 - Chpt 425)	Class D			Per Table 9.1.1(b).
Level of Alteration	Level 2 Alteration			No change in occupancy
Building Area				
Total Building Area	80,607 SF			
1st Floor Area	26,869 SF			
Renovated Area	3,311			12% of 1st Floor, 4% of Building
Occupant Loads (FBC-B: Table 1004.5, FFPC: Table 7.3.1.2)				
Renovated Area - GSF	3,311			
Suite 119 - Business Areas - GSF	2,847/150 = 19			
Total Occupant Load	19			No change in occupancy
Wet Lab 116 - Business Areas - GSF	464/150 = 4			
Total Occupant Load	4			No change in occupancy
Building will be provided with a Fire Alarm System (FFPC: 39.3.4.1)				
		yes	yes	
Construction Type:				
Type II B, Unprotected, Sprinklered				
Fire Resistance Rating for Building Elements (Type II B, Unprotected)				
Table 601 (FBC-B)				
Structural Columns		0hr	0hr	
Bearing Walls Exterior		0hr	0hr	
Nonbearing Walls Exterior (see table 602) ("x" distance >= 30')		0hr	0hr	
Nonbearing Interior Walls and Partitions		0hr	0hr	
Floor Construction		0hr	0hr	
Roof Construction		0hr	0hr	
Minimum Fire Resistance				
Stair	FBC-B: 713.4	1hr	1hr	
Shaft/Elev. Equip. Rm.	FBC-B: 713.4	1hr	1hr	
Fire Walls		N/A	N/A	
Occupancy Separations		N/A	N/A	
Horizontal Exit		N/A	N/A	
Corridors	FBC-B: 708.1 & 1020.1	0hr	0hr	With sprinkler system
Classification of Finishes (FBC-B: Table 803.11, FFPC: 39.3.3)				
Interior exit stairways, int. exit ramps and exit passageways	B		A, B	
Corridors and enclosure for exit access stairways and exit access ramps	C		A, B, C	
Rooms and enclosed spaces			A, B, C	
Exit enclosure and exit access corridors - floor finish	Class II		Class II	
Common Path of Egress Travel (FBC-B 1006.2.1 and FFPC 39.2.5.3.1)				
Maximum Travel Distance	100'		<100'	
Exit Travel Distance (FBC-B: Table 1017.2, FFPC: 39.2.6.3)				
Maximum Travel Distance	300'		<300'	
Minimum Corridor Width (FBC-B: Table 1020.2)				
Minimum corridor width	36"		60"	
Minimum Number of Exits Per Story (FBC-B: 1006.3.2, FFPC: 7.4)				
Minimum Number of Exits Required - Suite 119	1		2	
Minimum Number of Exits Required - Building	2		8	
Spaces With One Exit or Exit Access Doorway (FBC-B: 1006.2.1)				
Maximum Occupant Load of Space - Suite 119	49		19	Renovated area - Suite 119
Maximum Common Path of Egress Travel Distance - Suite 119	100'		77'	Renovated area - Suite 119
Dead End Corridor (FBC-B: 1020.4)				
Maximum Dead End Corridor, 1st Floor	50'		N/A	Dead End Corridor N/A, space only requires 1 exit
Minimum Number of Required Plumbing Fixtures (2nd Floor) (FBC-P Table 403.1)				
			N/A	Restrooms not included in scope of work
The interior space use and total number of occupants has not changed, no changes required or planned for the building plumbing fixture requirements.				
No fire rated assemblies required in this project. Maintain integrity of existing fire rated partitions where shown on the drawings.				



Life Safety Legend:

- XX NUMBER OF OCCUPANTS AT EXIT
- FEC FIRE EXTINGUISHER CABINET
- EXISTING 1 HOUR RATED WALL
- - - TRAVEL DISTANCE
- EXIT SIGN
- NOT IN CONTRACT

NOTE:
SEE ELECTRICAL DWGS FOR INFORMATION ON
EMERGENCY EGRESS LIGHTING LOCATIONS AND/OR
FIRE ALARM INFORMATION.



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BSIR 1st Floor Remodel
FSU PROJECT NO. FS 2200192**

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DRAWN: JH

CHECKED: BD

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Life Safety Plan

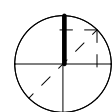
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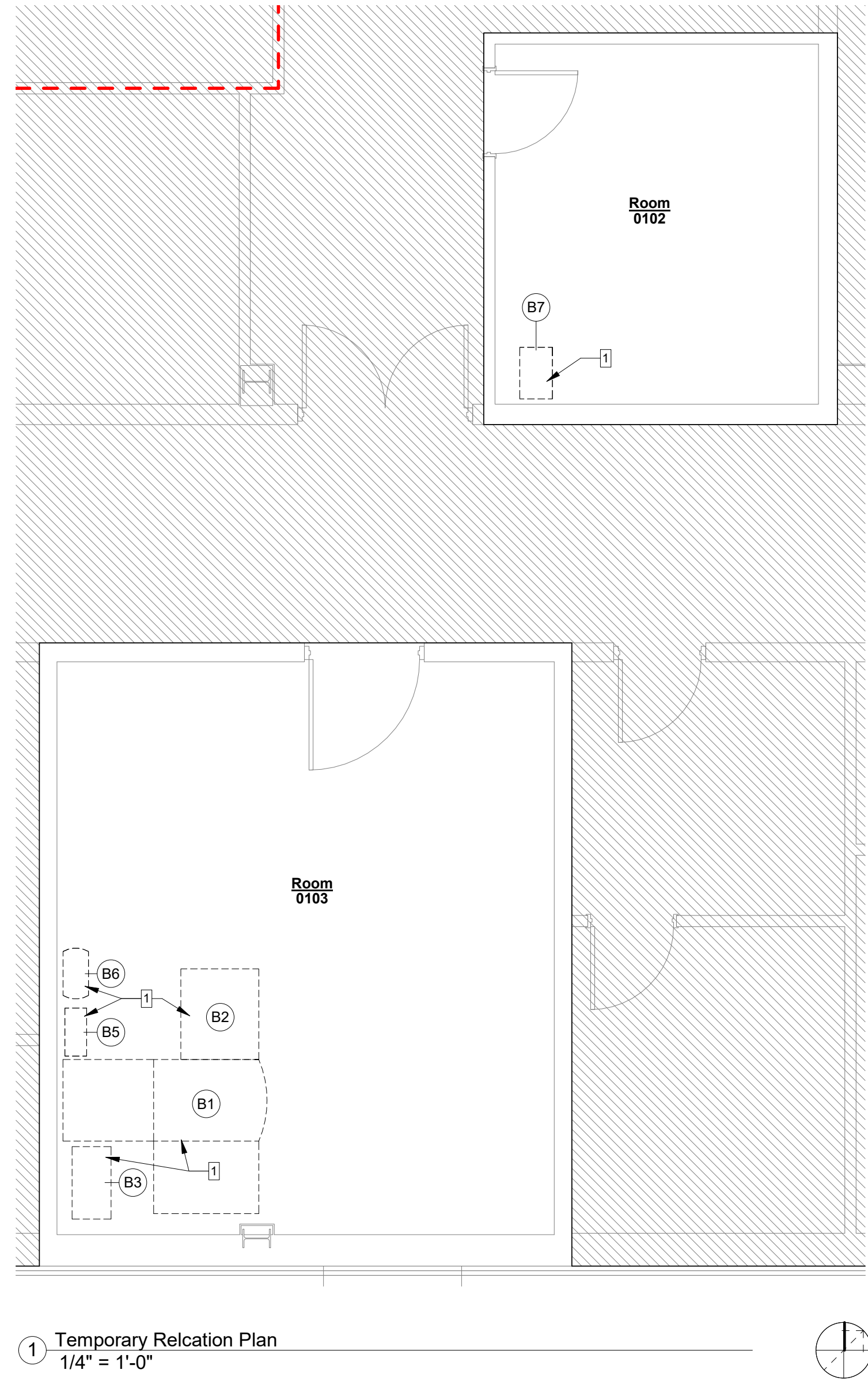
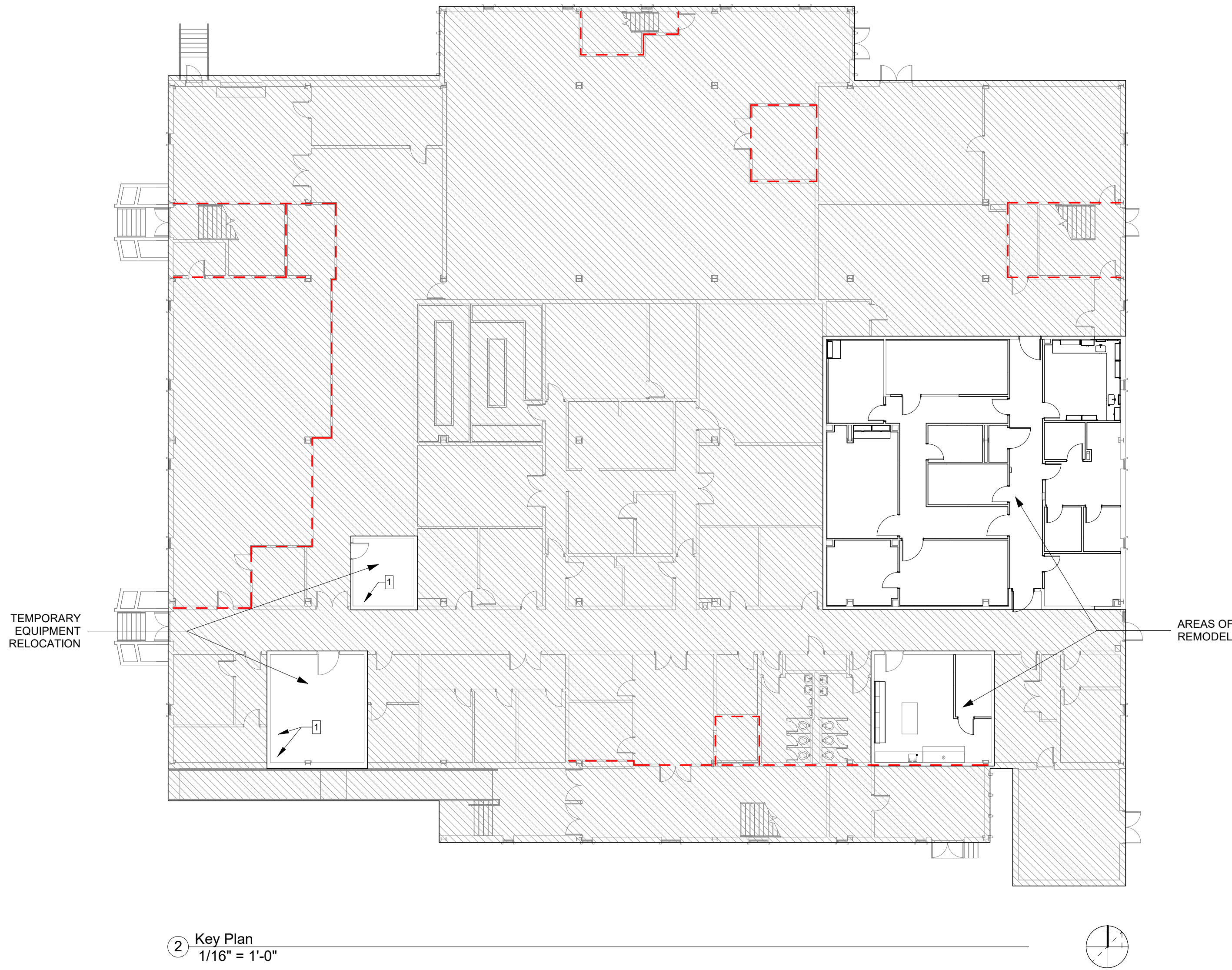
A0.1

DATE:

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1 Floor Plan - Life Safety
1/4" = 1'-0"





Floor Plan Legend:

- EXISTING WALL TO REMAIN
- EXISTING ELEMENT TO REMAIN
- NEW WALL
- NEW ELEMENT
- R RELOCATED ELEMENT
- VAPOR RETARDER
- EXISTING 1 HOUR FIRE RATED WALL
- NOT IN CONTRACT
- FIRE EXTINGUISHER CABINET

Floor Plan Keynotes:

- 1 TEMPORARY RELOCATION OF HITACHI & ASSOCIATED EQUIPMENT BY OWNER. PROVIDE ELECTRICAL AND DATA LINES FOR TEMPORARY LOCATION OF HITACHI - SEE ELECTRICAL AND MECHANICAL DWGS. REFER TO EQUIPMENT PLAN FOR CORRESPONDING EQUIPMENT TAGS.

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ARCHITECTURE

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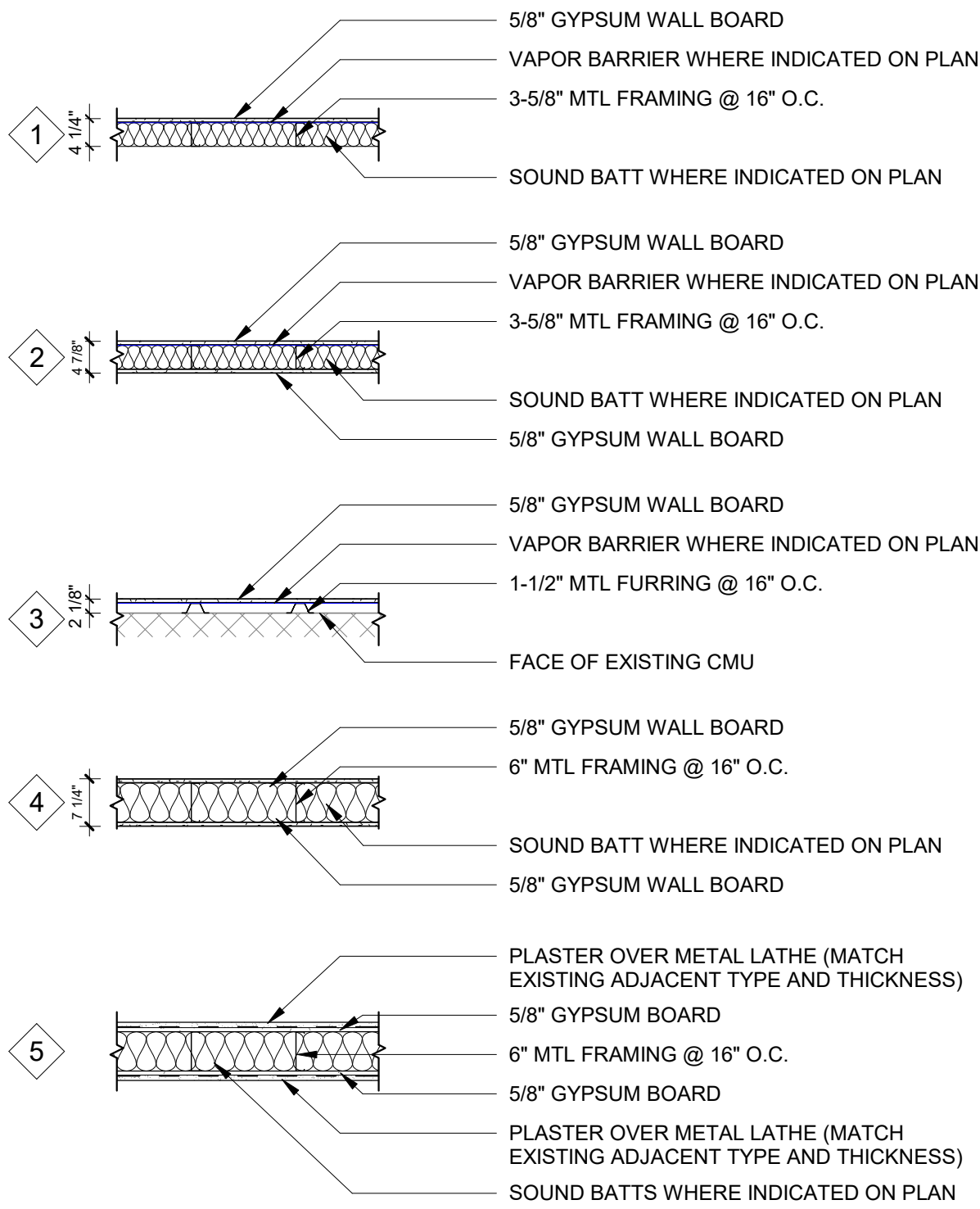
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Temporary Relocation Plan

SHEET NO.:
A0.2

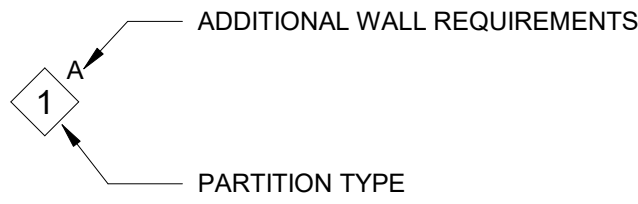
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Partition Types:



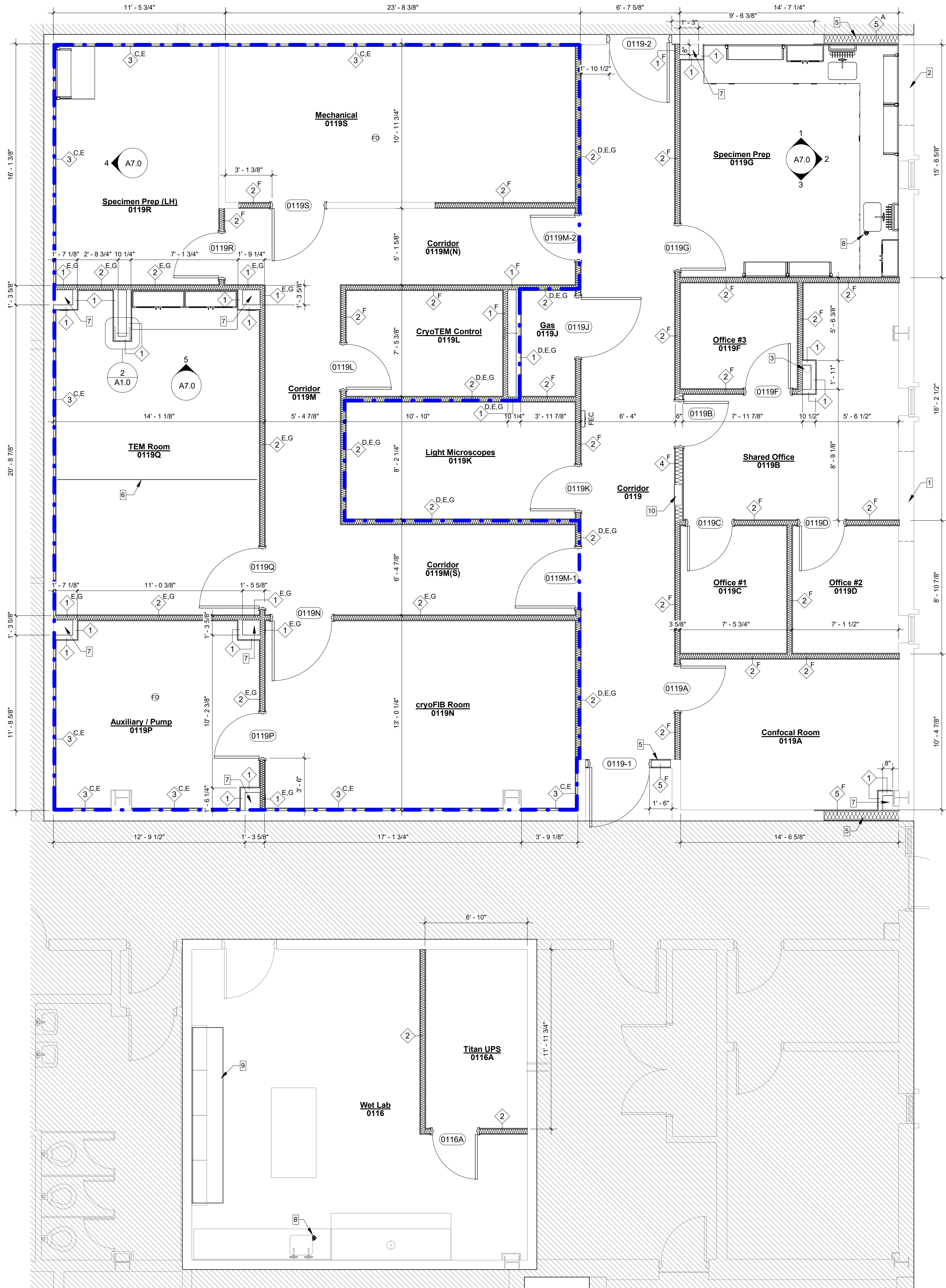
Partition Notes:

1. DEFAULT PARTITION HEIGHT: EXTEND 6" ABOVE HIGHEST ADJACENT CEILING GRID/ STRUCTURE U.O.O.
2. PROVIDE METAL BRACING @ 4' - 0" O.C. MAX ATTACHED TO STRUCTURE ABOVE



Additional Requirements:

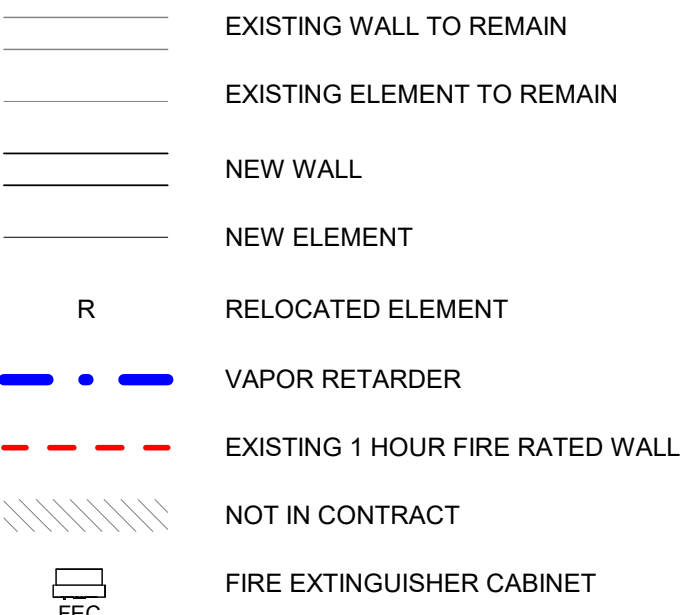
- A. MOISTURE RESISTANT GYPSUM BOARD ON ONE SIDE
- B. MOISTURE RESISTANT GYPSUM BOARD ON TWO SIDES
- C. REEF GIFFOLYN 55 VAPOR BARRIER INSTALLED ON FURRING BEHIND GYPSUM BOARD
- D. REEF GIFFOLYN 55 VAPOR BARRIER INSTALLED ON STUDS BEHIND GYPSUM BOARD ON HIGHER HUMIDITY SIDE OF WALL
- E. EXTEND WALL TO BOTTOM OF DECK ABOVE
- F. ACOUSTIC SEALANT EACH SIDE OF MTL STUD BOTTOM TRACK
- G. ACOUSTIC SEALANT EACH SIDE OF MTL STUD TOP & BOTTOM TRACK



Floor Plan General Notes:

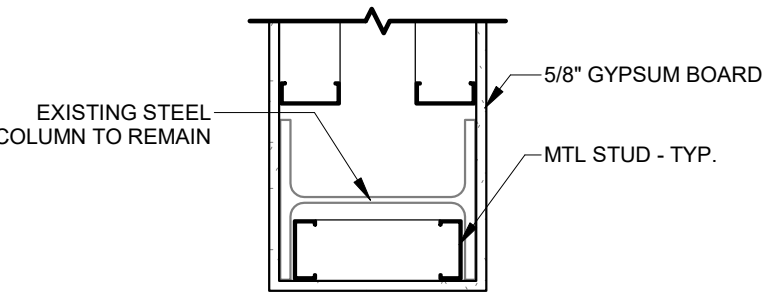
1. ALL DIMENSIONS FOR NEW PARTITIONS ARE TO FACE OF STUD. DIMENSIONS TO EXISTING WALLS ARE TO FACE OF FINISH SURFACE.
2. ALL DOOR OPENINGS TO BE LOCATED 6" FROM FACE OF STUD OF ADJACENT WALL ON HINGE SIDE UNLESS OTHERWISE NOTED. SEE DOOR SCHEDULE COMMENTS AND PLAN DIMENSIONS.
3. FIRE EXTINGUISHERS SHALL BE MOUNTED BETWEEN 41" MIN. AND 48" MAX. ABOVE FINISH FLOOR. PORTABLE FIRE EXTINGUISHERS SHALL BEAR THE LABEL OF AN APPROVED AGENCY, BE AN APPROVED TYPE, AND BE INSTALLED IN A LOCATION VISIBLE AND ACCESSIBLE TO THE OCCUPANTS. VERIFY LOCATION IN FIELD WITH FIRE MARSHALL.
4. ANY PENETRATIONS THROUGH AN EXISTING FIRE RATED ASSEMBLY, EITHER PRIOR TO CONSTRUCTION ACTIVITIES, OR AS A RESULT OF CONSTRUCTION SHALL BE SEALED WITH APPROPRIATE U.L. RATED ASSEMBLY.
5. PROVIDE PLYWOOD BLOCKING BEHIND GYP. BOARD TO SUPPORT EQUIPMENT AND/OR MISC. ITEMS INSTALLED (MILLWORK, TOILET PAPER HOLDERS, GRAB BARS, MIRRORS, KITCHEN SHELVING ETC.).
6. NOT USED.
7. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL MILLWORK.
8. THE DESIGN AND CONSTRUCTION OF ALL NON-LOAD BEARING INTERIOR LIGHT GAUGE METAL FRAMING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. AT A MINIMUM, THIS FRAMING SHALL BE CONSTRUCTED OF 20 GAUGE (30 MIL - 33 KSI) OR 20 GAUGE EC (18 MIL - 70 KSI) METAL STUDS AND TRACK. STUDS SHALL HAVE MAXIMUM SPACING OF 16" O.C. WITH DOUBLE STUDS AT DOOR AND WINDOW JAMBS. PROVIDE A MINIMUM OF TWO #10 SELF TAPPING SCREWS AT ALL CONNECTIONS.
9. AT ALL UTILITY TRENCHES IN EXISTING SLAB, ADD 6 MIL. VAPOR BARRIER AFTER SOIL HAS BEEN TREATED. PROVIDE #3 DOWELS @ 24" O.C. ON BOTH SIDES. DRILL HOLES 6" DEEP IN ADJACENT SLAB. DOWELS TO FIT TIGHT AND SECURE IN HOLES.

Floor Plan Legend:



Floor Plan Keynotes:

1. APPROXIMATE LOCATION OF NEW AIR INTAKE LOUVER
- SEE MECHANICAL DWGS AND ARCHITECTURAL ELEVATION.
2. APPROXIMATE LOCATION OF NEW AIR EXHAUST LOUVER
- SEE MECHANICAL DWGS AND ARCHITECTURAL ELEVATION.
3. APPROXIMATE LOCATION OF EXISTING RAIN LEADER TO REMAIN.
4. RECESSED CEILING MOUNTED EMERGENCY SHOWER. CENTER IN CEILING TILE. SEE PLUMBING DWGS.
5. INFILL OPENING WITH METAL STUDS, GYPSUM BOARD, AND PLASTER FINISH BOTH SIDES OF WALL. MATCH EXISTING ADJACENT WALL THICKNESS. PROVIDE A SMOOTH, SEAMLESS TRANSITION BETWEEN NEW AND EXISTING WALL FACES BOTH SIDES OF WALL.
6. CEILING MOUNTED EMI SHIELD CURTAIN AND TRACK. REFER TO SHEET A6.0 FOR BASIS OF DESIGN.
7. LOW WALL EXHAUST - SEE MECHANICAL DWGS.
8. DECK MOUNTED EYEWASH - SEE PLUMBING DWGS.
9. NEW EPOXY COUNTERTOP ON REUSED BASE CABINET. COLOR AND THICKNESS TO MATCH EXISTING.
10. RECESSED ELECTRICAL PANEL. SEE ELECTRICAL DWGS.



NOTE: SIZE OF THE EXISTING COLUMN IS UNKNOWN. THE INTENT IS TO PROVIDE THE SMALLEST COLUMN WRAP THAT CAN BE ACHIEVED.

2. Column Wrap Detail
1" = 1'-0"



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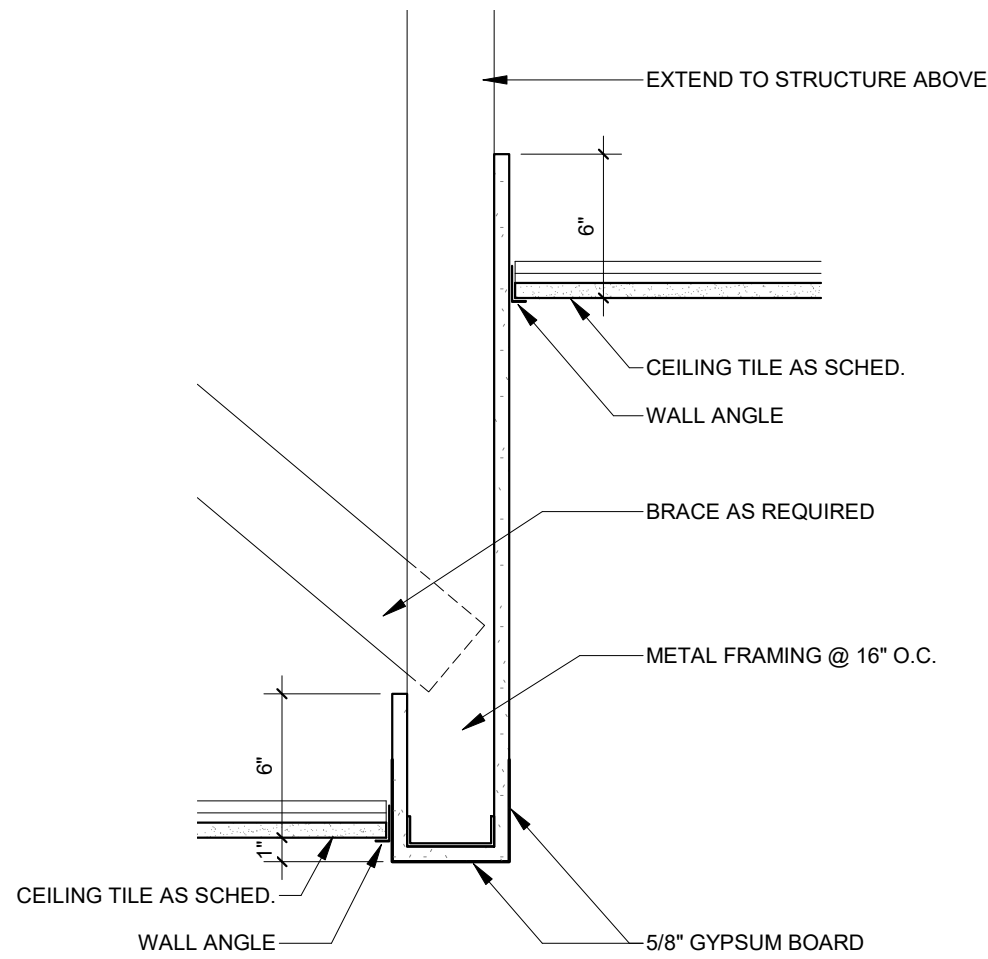
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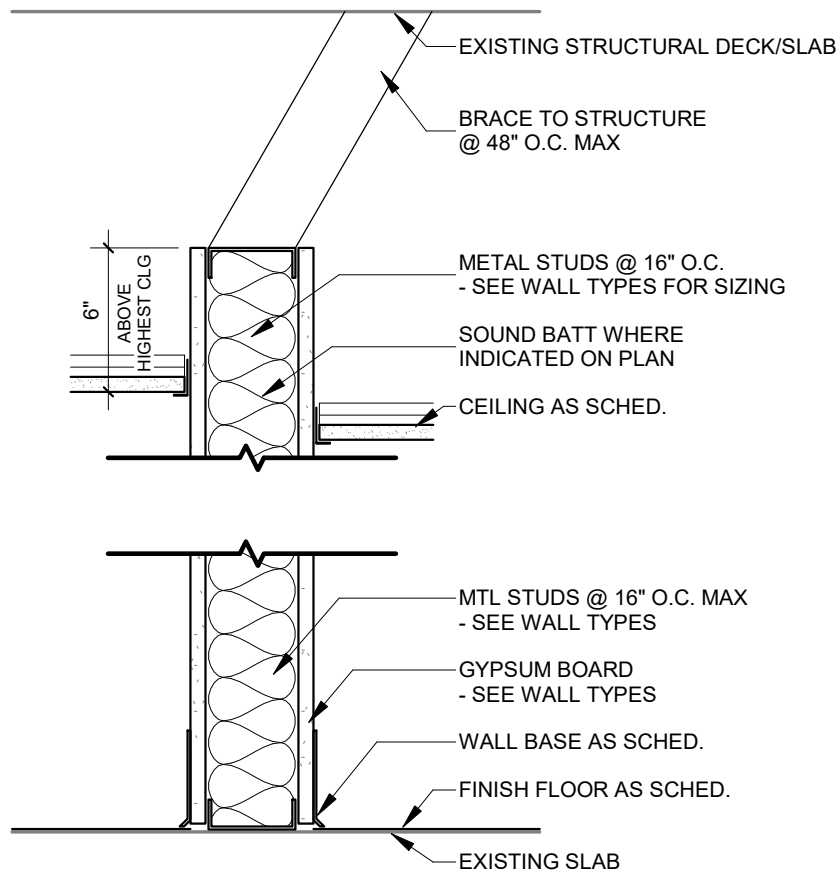
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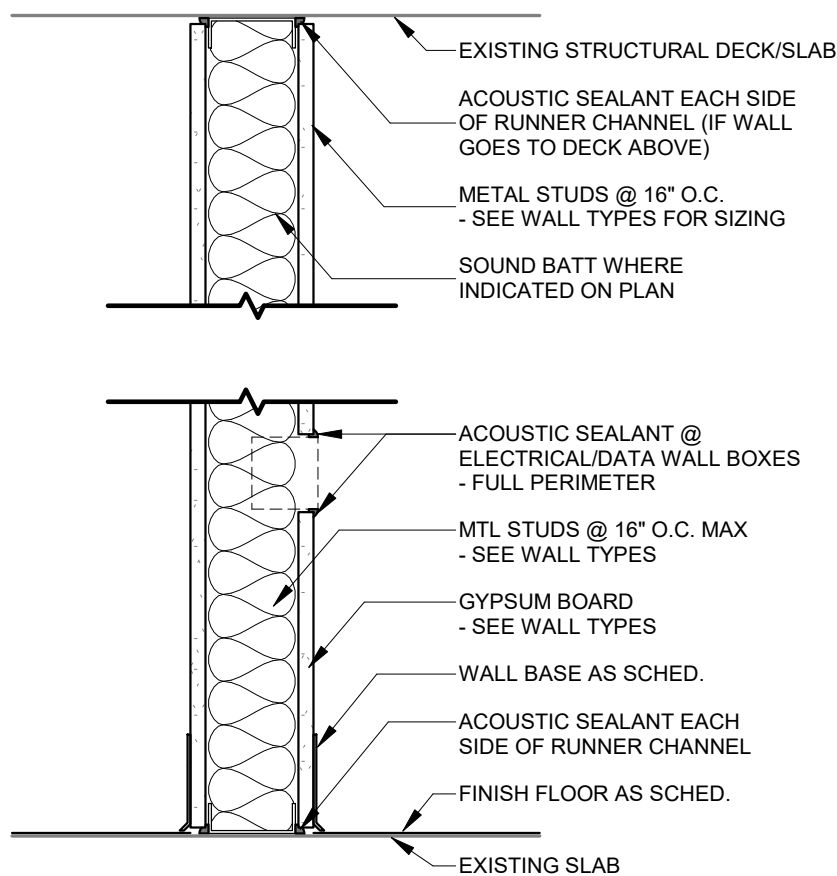
NOTE:
SEE ELECTRICAL, MECHANICAL, AND FIRE PROTECTION
DWGS FOR LOCATION OF DEVICES NOT SHOWN.



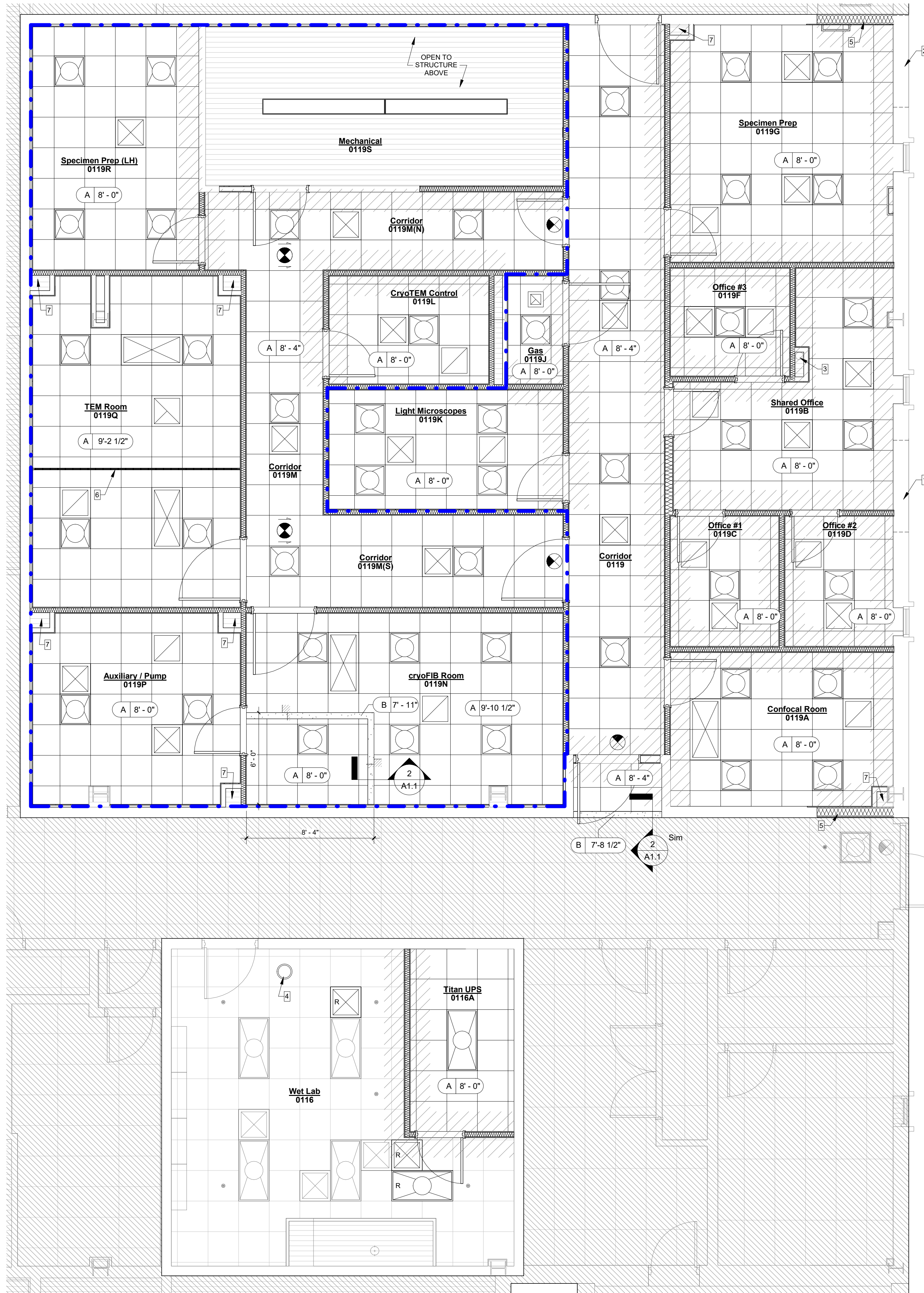
2 Ceiling Transition Detail
1 1/2" = 1'-0"



3 Typical Wall Section
1 1/2" = 1'-0"



4 Typical Acoustic Wall Section
1 1/2" = 1'-0"



1 RCP - New
1/4" = 1'-0"

RCP General Notes:

- COORDINATE WITH ELECTRICAL PLAN FOR LOCATION OF FIXTURES AND SWITCHING. ANY DISCREPANCIES DISCOVERED IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- COORDINATE WITH MECHANICAL PLAN FOR LOCATION OF DUCTWORK AND DIFFUSERS. ANY DISCREPANCIES DISCOVERED IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- SEE ELECTRICAL DWGS FOR INFORMATION ON EMERGENCY EGRESS LIGHTING LOCATIONS AND/OR FIRE ALARM INFORMATION.
- FIRE SPRINKLER LOCATIONS ARE SHOWN IN FIRE PROTECTION DRAWINGS. SEE FP SHEETS FOR DETAILS.

Floor Plan Legend:

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- EXISTING ELEMENT TO REMAIN
- NEW WALL
- NEW ELEMENT
- R RELOCATED ELEMENT
- VAPOR RETARDER
- EXISTING 1 HOUR FIRE RATED WALL
- NOT IN CONTRACT
- FIRE EXTINGUISHER CABINET

Lighting & HVAC Legend:

- 1'x8' LINEAR LED PENDANT
- 2'x4' RECESSED LED
- 2'x2' RECESSED LED
- 2'x4' SUPPLY DIFFUSER
- 2'x2' SUPPLY DIFFUSER
- 2'x2' RETURN GRILLE
- 2'x2' EXHAUST VENT
- 1'x1' EXHAUST VENT
- EXIT LIGHT
- 36" WIDE STRIP UNFACED BATTS ABOVE CEILING TILES
- SPRINKLER HEAD

RCP Legend:

- A 9'-0" CEILING HEIGHT
- CEILING FINISH

Ceiling Finish Legend:

- A - ACOUSTICAL CEILING TILE
- B - GYPSUM BOARD CEILING

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- APPROXIMATE LOCATION OF NEW AIR EXHAUST LOUVER - SEE MECHANICAL DWGS AND ARCHITECTURAL ELEVATION.
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- NEW EPOXY COUNTERTOP ON REUSED BASE CABINET. COLOR AND THICKNESS TO MATCH EXISTING.
- RECESSED ELECTRICAL PANEL. SEE ELECTRICAL DWGS.

SEAL:

PROJECT TITLE:

**FSU BIOLOGY UNIT 1
BSIR 1st Floor Remodel
FSU PROJECT NO. FS 2200192**

JOB NO.: 22.120

DESIGNED: BD/JH

DRAWN: JH

CHECKED: BD

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Reflected Ceiling Plan

SHEET NO.:

A1.1

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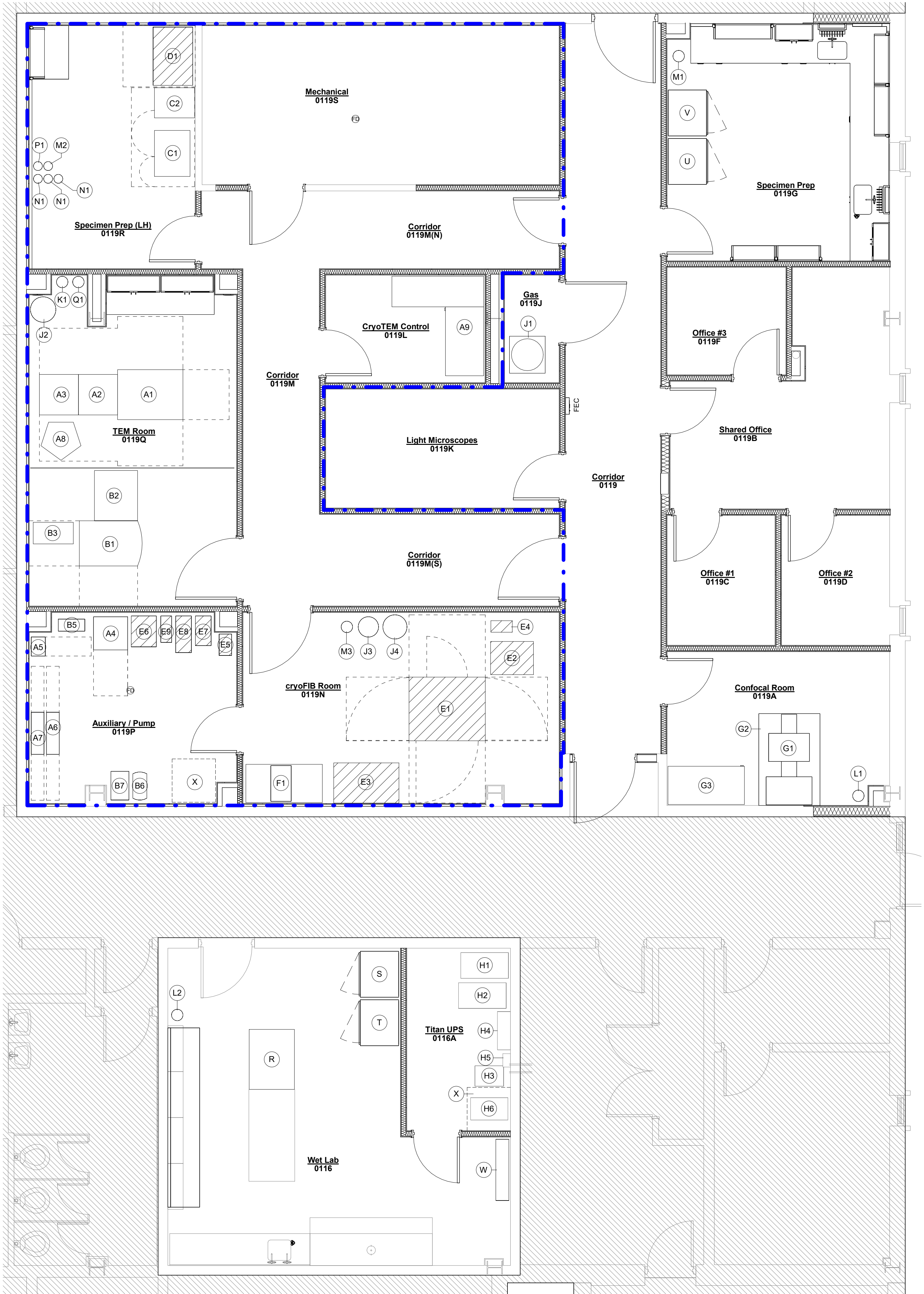
May 24, 2023

Equipment Schedule

Plan ID	Equipment Type	New/Exist/Future	Mfr / Model	Location
cryo Transmission Electron Microscope (TEM)				
Supporting Equipment:				
A1	Microscope Console	New		TEM Room
A2	Low Box Cabinet	New		TEM Room
A3	E Cabinet	New		TEM Room
A4	Chiller (water)	New	Haskris / LX2-W5	Auxiliary/Pump
A5	MAINS	New		Auxiliary/Pump
A6	UPS 1	New		Auxiliary/Pump
A7	UPS 2	New		Auxiliary/Pump
A8	HT Tank	New	Glasios	TEM Room
A9	Control Station	New		cryoTEM Control
A10	CMTS?	New		NOT SHOWN
A11	Storage Server	New		NOT SHOWN
Screening Transmission Electron Microscope (ITEM)				
Supporting Equipment:				
B1	Microscope Console	Existing		TEM Room
B2	Display Station	Existing		TEM Room
B3	HV Power Supply	Existing		TEM Room
B4	Transformer	Existing		NOT SHOWN
B5	Rotary Pump	Existing		Auxiliary/Pump
B6	Air Compressor	Existing		Auxiliary/Pump
B7	Chiller (water)	Existing		Auxiliary/Pump
Chameleon Vitrification Instrument (CVI)				
Supporting Equipment:				
C1	Vitrification Unit	Existing		Specimen Prep (LH)
C2	Monitor & Keyboard	Existing		Specimen Prep (LH)
C3	Air Compressor?	Existing		NOT SHOWN
D1 High Pressure Freezer (ICE)				
cryo Focused Ion Beam (FIB)				
Supporting Equipment:				
E1	Microscope console	Future		cryo FIB Room
E2	Electric Console	Future		cryo FIB Room
E3	PC and Monitor	Future		cryo FIB Room
E4	Pump	Future		cryo FIB Room
E5	Pre Vacuum Pump	Future	BOC-Edwards XDS-10	Auxiliary/Pump
E6	Chiller (water)	Future	Haskris LX-1	Auxiliary/Pump
E7	UPS	Future	LPB-11U/LPB-11U	Auxiliary/Pump
E8	UPS (battery cabinet)	Future		Auxiliary/Pump
E9	E-Connection Box	Future		Auxiliary/Pump
E10	Air Compressor	Future		NOT SHOWN
F1 cryo Light Microscope (CLEM)				
Confocal Microscope				
Supporting Equipment:				
G1	Microscope Console	Existing		Confocal Room
G2	Air Table	Existing		Confocal Room
G3	Computer Console	Existing		Confocal Room
Titan Equipment				
Supporting Equipment:				
H1	Battery Cabinet	Existing		Titan UPS Room
H2	UPS	Existing		Titan UPS Room
H3	Transformer	Existing		Titan UPS Room
H4	Bypass	Existing		Titan UPS Room
H5	Disconnect	Existing		Titan UPS Room
H6	Server	Existing		Titan UPS Room
Other Equipment				
R	Air Table	Existing		Wet Lab
S	Fridge	Existing		Wet Lab
T	Freezer	Existing		Wet Lab
U	Fridge	Existing		Specimen Prep
V	Freezer	Existing		Specimen Prep
W	Chemical Storage Cabinet	Existing		Wet Lab
X	Server Rack	Existing		Auxiliary / Pump, Titan UPS

Equipment Schedule (Gases)

Plan ID	Gas Type	New/Exist/Future	Size	Location
Liquid Nitrogen				
J1	LN2	Existing	230L Dewar	Gas
J2	LN2	Existing	120L Dewar	TEM Room
J3	LN2	Existing	50L	TEM Room
J4	LN2	Existing	35L	TEM Room
Gaseous Nitrogen				
K1	N2	Existing	size K	TEM Room
Carbon Dioxide				
L1	CO2	Existing	size K	Confocal
L2	CO2	Existing	size K (qty:2)	Wet Lab
Argon				
M1	Ar	Existing	size K	Specimen Prep
M2	Ar	Existing	size 3S (qty:3)	Specimen Prep (LH)
M3	Ar	Existing	size K	cryoFIB Room
Ethane				
N1	C2H6	Existing	size 3S	Specimen Prep (LH)
Helium				
P1	He	Existing	size 3S	Specimen Prep (LH)
Sulfur Hexafluoride				
Q1	SF6	Existing	size k7	TEM Room



Equipment Plan Legend:

- EXISTING WALL TO REMAIN
- EXISTING ELEMENT TO REMAIN
- NEW WALL
- NEW ELEMENT
- VAPOR RETARDER
- NOT IN CONTRACT
- FUTURE EQUIPMENT
- FIRE EXTINGUISHER CABINET
- EQUIPMENT TAG
- EQUIPMENT SERVICE CLEARANCE

Equipment Schedule Notes:

- OWNER TO CONFIRM WITH EQUIPMENT VENDOR(S) THAT ALL EQUIPMENT SHOWN, INCLUDING SUPPORTING EQUIPMENT, OPTIONAL ADD ON COMPONENTS FOR EQUIPMENT, AND CLEARANCES FOR EQUIPMENT HAS NOT CHANGED, IS CORRECT, AND PROPERLY SHOWN IN THE DESIGN.
- TEM ROOM EQUIPMENT TO BE INSTALLED AS SHOWN TO MEET EQUIPMENT CLEARANCE REQUIREMENTS.
- PER THE EQUIPMENT SCHEDULE, EXISTING, NEW, AND FUTURE ARE DEFINED AS FOLLOWS:
 - EXISTING: EQUIPMENT CURRENTLY OWNED AND TO BE REINSTALLED AS SHOWN
 - NEW: EQUIPMENT TO BE PURCHASED AND INSTALLED AS SHOWN
 - FUTURE: SELECTED EQUIPMENT COULD CHANGE. INSTALLATION DATE UNKNOWN
- ALL GAS CYLINDERS WILL BE SECURED WITH OWNER PROVIDED BASES.
- REFER TO MECHANICAL AND ELECTRICAL SHEETS FOR ADDITIONAL EQUIPMENT SCHEDULE AND INFORMATION.



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BSIR 1st Floor Remodel
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Equipment Plan

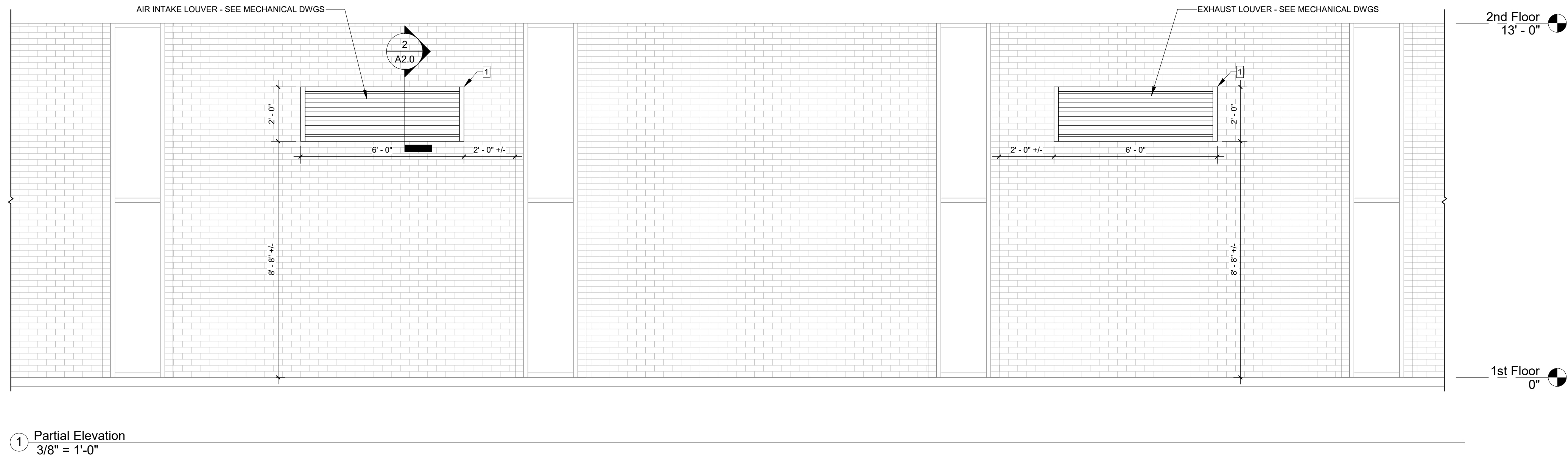
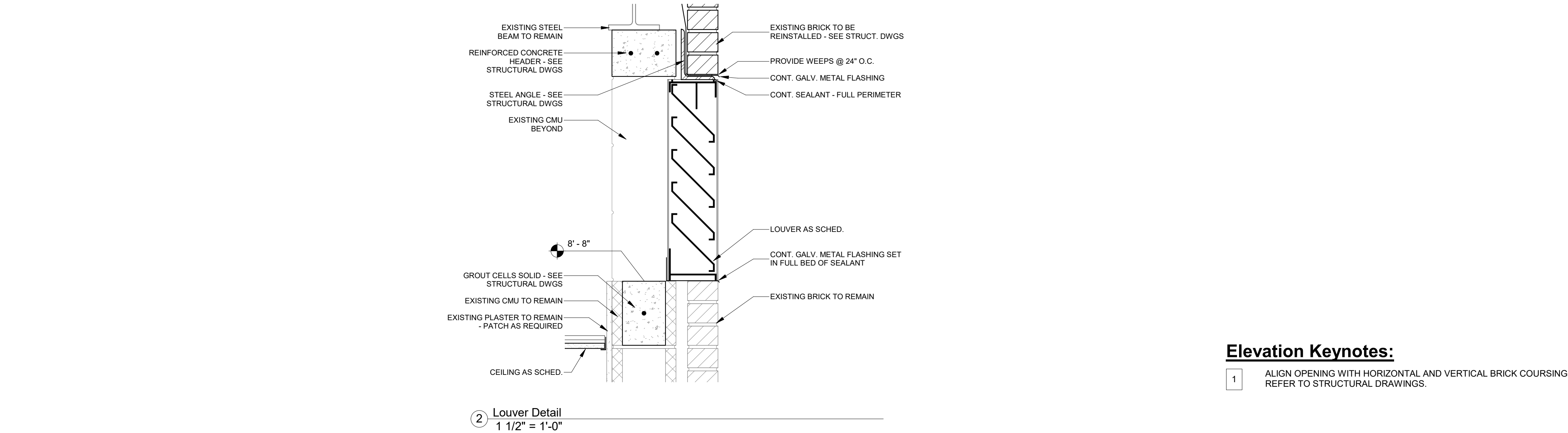
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DATE:

May 24, 2023

1 Equipment Plan
1/4" = 1'-0"



SEAL:

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BSIR 1st Floor Remodel
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**Partial Building
Elevation**

SHEET NO.:

A2.0

DATE:

May 24, 2023



1 Floor Plan - Finish Plan
1/4" = 1'-0"

Finish Schedule										
Number	Name	Base Finish	Floor Finish	North Wall	East Wall	South Wall	West Wall	Ceiling Finish	Ceiling Height	Notes
0116	Wet Lab	EX	EX	W1	W1	W1	W1	EX	EX	1, 2, 3
0116A	Titan UPS	WB1	EX	W1	W1	W1	W1	ACT1	8' - 0"	3
0119	Corridor	WB1	SD1	W1	W2	W1	W1	ACT1	8' - 4"	
0119A	Confocal Room	WB1	SD1	W1	W4	W1	W1	ACT1	8' - 0"	
0119B	Shared Office	WB2	CPT1	W1	W2	W1	W1	ACT1	8' - 0"	
0119C	Office #1	WB2	CPT1	W1	W3	W1	W1	ACT1	8' - 0"	
0119D	Office #2	WB2	CPT1	W1	W3	W1	W1	ACT1	8' - 0"	
0119F	Office #3	WB2	CPT1	W1	W1	W1	W3	ACT1	8' - 0"	
0119G	Specimen Prep	WB1	SD1	W1	W4	W1	W1	ACT1	8' - 0"	
0119J	Gas	WB1	SD1	W1	W1	W1	W1	ACT1	8' - 0"	
0119K	Light Microscopes	WB1	SD1	W2	W1	W1	W1	ACT1	8' - 0"	
0119L	CryoTEM Control	WB1	SD1	W4	W1	W1	W1	ACT1	8' - 0"	
0119M	Corridor	WB1	SD1	W1	W1	W1	W1	ACT1	8' - 4"	
0119M(N)	Corridor	WB1	SD1	W1	W1	W1	W1	ACT1	8' - 4"	
0119M(S)	Corridor	WB1	SD1	W1	W1	W1	W1	ACT1	8' - 4"	
0119N	cryoFIB Room	WB1	SD1	W1	W1	W2	W1	ACT1	8' - 0" / 9' - 10-1/2"	
0119P	Auxiliary / Pump	WB1	SD1	W1	W1	W1	W1	ACT1	8' - 0"	
0119Q	TEM Room	WB1	SD1	W1	W1	W1	W2	ACT2	9' - 2-1/2"	
0119R	Specimen Prep (LH)	WB1	SD1	W1	W1	W1	W4	ACT1	8' - 0"	
0119S	Mechanical	WB1	SC	W1	W1	W1	W1	OTS	EX	

Finish Schedule Notes:

1. REPLACE DAMAGED ACT AS NEEDED.
2. MATCH EXISTING WALL BASE.
3. PATCH TO MATCH EXISTING VCT.

Interior Finish Schedule Legend:

FLOORS:	
SD1 -	STATIC DISSIPATIVE FLOOR TILE, FORBO FLOORING, COLOREX SD, 615mm x 615mm, COLOR: MOONSTONE
CPT1 -	CARPET TILE, MANNINGTON COMMERCIAL, COLLECTION: CONNECTED, OFFLINE, 24"x24", COLOR: DISCLOSE 13210
SC -	SEALED CONCRETE
EX -	EXISTING TO REMAIN AND/OR MATCH EXISTING
WALL BASE:	
WB1 -	4" RESILIENT BASE, FORBO FLOORING, STYLE: COVE, COLOR: C33 NICKEL
WB2 -	4" RESILIENT BASE, MANNINGTON COMMERCIAL, COLLECTION: BURKE, COLOR: ORE 628
EX -	EXISTING TO REMAIN AND/OR MATCH EXISTING
WALLS:	
W1 -	GYPSUM BOARD, PAINTED PT1
W2 -	GYPSUM BOARD, PAINTED PT2
W3 -	GYPSUM BOARD, PAINTED PT3
W4 -	GYPSUM BOARD, PAINTED PT4
EX -	EXISTING TO REMAIN AND/OR MATCH EXISTING
CEILING:	
ACT1 -	ACOUSTICAL CEILING TILE, ARMSTRONG OPTIMA TEGULAR, 24"x24", ITEM 3251, WHITE, W/ 9/16" GRID
ACT2 -	ACOUSTICAL CEILING TILE, SONEX CONTOUR CEILING TILE, 24"x24", WHITE, W/ 15/16" GRID
OTS -	OPEN TO STRUCTURE
EX -	EXISTING TO REMAIN AND/OR MATCH EXISTING
PAINT:	
PT1 -	FIELD COLOR: PPG, COLOR: ARIA 1001-2
PT2 -	ACCENT COLOR: PPG, COLOR: FLAGSTONE 1001-4
PT3 -	ACCENT COLOR: PPG, COLOR: HOPSCOTCH 1219-6
PT4 -	ACCENT COLOR: PPG, COLOR: VAVAVOOM 1210-6
PT5 -	HM FRAMES: PPG, DOVER GRAY 1001-5
SOLID SURFACE:	
SS1 -	KEWAUNEE, KEMRESIN EPOXY RESIN, 1" THICK, GREY (LAB SINKS TO MATCH COUNTERTOP)
DOORS:	
D1 -	MASONITE ARCHITECTURAL, RED OAK, HONEY STAIN

Finish Plan Legend:

	STATIC DISSIPATIVE FLOOR TILE
	CARPET TILE
	SEALED CONCRETE
	EXISTING TO REMAIN
	NOT IN CONTRACT
	ACCENT PAINT PT2
	ACCENT PAINT PT3
	ACCENT PAINT PT4

Finish Plan Keynotes:

1	PROVIDE CORNER GUARD, REFER TO BASIS OF DESIGN BELOW.
2	NEW EPOXY COUNTERTOP ON REUSED BASE CABINET. COLOR AND THICKNESS TO MATCH EXISTING.
3	FLOOR TRANSITION. SEE DOOR DETAILS AND SCHEDULE.
4	FLOOR PROTECTIVE MAT BY OWNER.
5	CEILING MOUNTED EMI SHIELD CURTAIN AND TRACK. REFER TO BASIS OF DESIGN BELOW.

BASIS OF DESIGN:
EMI SHIELD CURTAIN, DOUBLE LAYER CONSTRUCTION w/ GROMMETS EVERY 12", 15'-0" (L) x 8'-11 1/2" (H), SINGLE SECTION, GREY, CHAIN/CABLE MOUNT, TROLLEY TRACK, NYLON ROLLER CURTAIN HOOKS (1"), PROVIDE END STOPS EACH END
MANUFACTURER: AKON CURTAIN AND DIVIDER
WWW.CURTAIN-AND-DIVIDER.COM
989-414-1209

BASIS OF DESIGN:
CORNER GUARD, VA SERIES, ACROVYN CORNER GUARD, MODEL: VA-200N, 1-1/2"x1-1/2", 90° ANGLE, COLOR: FOG 265
MANUFACTURER: CONSTRUCTION SPECIALTIES
WWW.C-SGROUP.COM
800-233-8493

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