

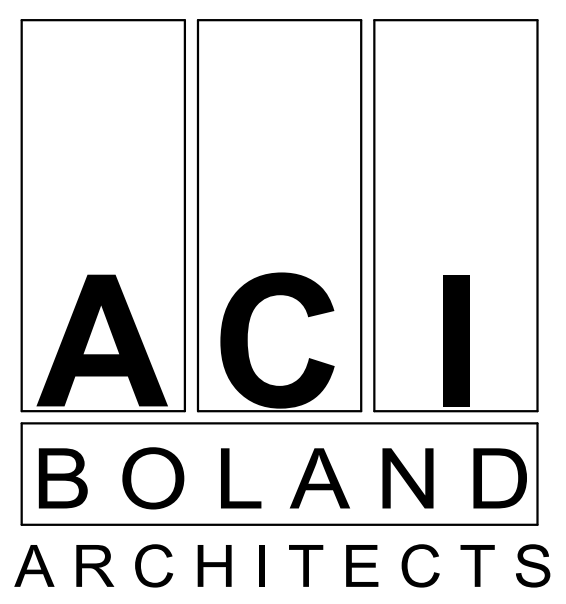


Saint Luke's East Hospital

WELL BABY RENOVATION 100 NE Saint Luke's Blvd Lee's Summit, MO 64086



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PROJECT TEAM

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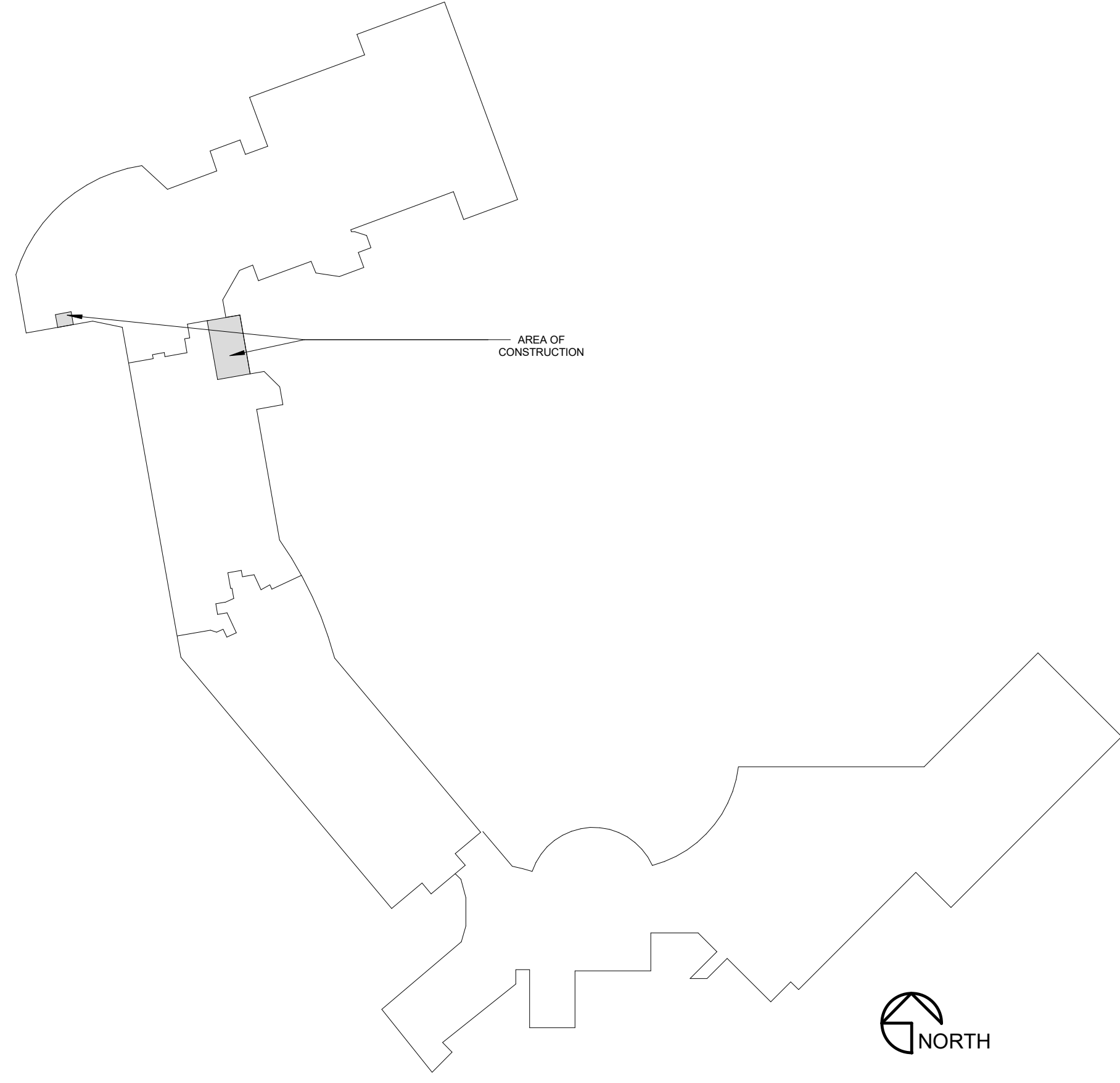
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ABBREVIATIONS

AC.	ACOUSTIC/ACOUSTICAL	FLOR.	FLUORESCENT	PTD.	PAINTED
ADD.	ADDENDUM	FTG.	FOOTING	PG.	PAGE
ADDN.	ADDITION	FND.	FOUNDATION	PLAM.	PLASTIC LAMINATE
AGC.	AGGREGATE BASE COURSE	FR.	FRAME	PK.	PAIR
AFF.	ABOVE FINISH FLOOR	F.H.C.	FIRE HOSE CAB.	PNL.	PANEL
AGG.	AGGREGATE	FV.	FIELD VERIFY	PTN.	PARTITION
ANC.	AIR CONDITIONING			P.	PENNY
AL.	ALUMINUM	GA.	GAUGE	PL.	PLATE
ALT.	ALTERNATE	GL.	GLASS / GLAZING	PLBG.	PLUMBING
A.	ANCHOR BOLT	GD.	GRADE	PLYWD.	PLYWOOD
ARCH.	ARCHITECT	G.	GRAM	PT.	POINT
ASP.	ASPHALT	GRL.	GRILLE	P.S.I.	POUNDS PER SQ. IN.
⊙	AT	GRD.	GRID	P.S.F.	POUNDS PER SQ. FT.
ACT.	ACOUSTIC CEILING TILE/PANEL	GND.	GROUND	P.C.	PRECAST
∠.	ANGLE	GYP.	GYPSUM	P.L.	PROPERTY LINE
		GWB/G.B.	GYPSUM BOARD		
BLKG.	BLOCKING	H.R.	HAND RAIL	R.	RISER, RISERS
BSMT.	BASEMENT	HDN.	HARDENER	RAD.	RADIUS
BM.	BEAM	HDW.	HARDWARE	R.D.	ROOF DRAIN
B.M.	BENCHMARK	HDWD.	HARDWOOD	RB.	RESILIENT BASE
BD.	BOARD	HTR.	HEATER	RE.	REFER TO
B.O.	BOTTOM OF	HT.	HEIGHT	REG.	REGISTER
BLDG.	BUILDING	H.P.	HIGH POINT	REQD.	REQUIRED
CABT.	CABINET	H.M.	HOLLOW METAL	REV.	REVISION
C.I.P.	CAST IN PLACE	HORIZ.	HORIZONTAL	RFG.	ROOFING
C.B.	CATCH BASIN	H.S.	HOSE BIB	RGL.	ROUGH
CLG.	CEILING	H.W.	HOT WATER	RM.	ROOM
CEM.	CEMENT/CEMENTITIOUS			RND.	ROUND
CG.	CENTIGRAM	IN.	INCH / INCHES	R.O.	ROUGH OPENING
CM.	CENTIMETER	IN.	INCH / INCHES	SCHED.	SCHEDULE
CL.	CENTER LINE	INSUL.	INSULATION	S.C.	SEALED CONCRETE
CER.	CERAMIC	INT.	INTERIOR	SCR.	SCREW
C.F.	CERAMIC TILE	INV.	INVERT	SECT.	SECTION
CHAN.	CHANNEL	JAN.	JANITOR	SEL.	SELECT
CH.	CHANNEL	JT.	JOINT	SHG.	SHEATHING
CLR.	CLEAR	JST.	JOIST	SHT.	SHEET
C.O.	CLEAN OUT	K.P.	KICK PLATE	SDG.	SIDING
CLOS.	CLOSET	LAM.	LAMINATED	SIM.	SIMILAR
COL.	COLUMN	LB.	POUND	SLDG.	SLIDING
CONC.	CONCRETE	LDG.	LANDING	SM.	SMOOTH
CONN.	CONNECTION	LTH.	LATH	SPEC.	SPECIFICATION
CONST.	CONSTRUCTION	LAV.	LAVATORY	SQ.	SQUARE
C.J.	CONTROL JOINT	LG.	LENGTH	ST.	STAINED
CONT.	CONTINUOUS	LOC.	LOCATION	STD.	STANDARD
CONTR.	CONTRACTOR	LOC.	LOCATION	S.S. /	S.S. /
CORR.	CORRUGATED	LT.	LIGHT	ST.STL.	STAINLESS STEEL
CTR.	COUNTER	L.W.C.	LIGHT WEIGHT CONCRETE	STRUC.	STRUCTURE
CTS&K.	COUNTERSUNK	LVR.	LOUVER	SUSP.	SUSPENDED
C.M.U.	CONCRETE MASONRY UNIT	LOC.	LOCATION	SW.BD.	SWITCHBOARD
				SVS.	SYSTEM
D.P.	DAMP PROOFING	M.O.	MASONRY OPENING	T.	TREAD
DIAG.	DIAGONAL	MATL.	MATERIAL	T.C.	TOP OF CURB
DIAM.	DIAMETER	MFR.	MANUFACTURER	T.G.	TEMPERED GLASS
DIAM.	DIMENSION	MR.	MARKER BOARD	T.O.	TOP OF
DISP.	DISPENSER	MAX.	MAXIMUM	T.S.D.	TOP OF STEEL DECK
DWL.	DOWEL	MECH.	MECHANICAL	T.W.	TEACHERS WARDROBE
DN.	DOWN	MTL.	METAL	TYP.	TYPICAL
D.S.	DOWNSPOUT	M.L.	METAL LATH	U.O.N.	UNLESS OTHERWISE NOTED
DWG.	DRAWING	M.	METER	V.	VENT
		MIN.	MINIMUM	VERT.	VERTICAL
EA.	EACH	MOLDG.	MOLDING	V.G.	VERTICAL GRAIN
ELEC.	ELECTRIC	MULL.	MULLION	VEST.	VESTIBULE
E.W.C.	ELECTRIC WATER COOLER	N.G.	NATURAL GRADE	V.C.T.	VINYL COMPOSITION TILE
ELEV.	ELEVATOR	NOM.	NOMINAL	VCP.	VITREOUS CLAY PIPE
EL.	ELEVATION	N.G.	NOT IN CONTRACT		
EQ.	EQUAL	N.T.S.	NOT TO SCALE		
EQUIP.	EQUIPMENT	NO. / #	NUMBER	W.W.M.	WELDED WIRE MESH
EXH.	EXHAUST	NO.	NUMBER	W.C.	WATER CLOSET
EXPAN.	EXPANSION	NO.	NUMBER	W.H.	WATER HEATER
E.J.	EXPANSION JOINT	NO.	NUMBER	W.F.	WIDE FLANGE
EXST.	EXISTING	NO.	NUMBER	W.	WITH
EXT.	EXTERIOR	NO.	NUMBER	WO.	WITHOUT
		NO.	NUMBER	WD.	WOOD
FN.	FEET / FOOT	NO.	NUMBER	WDW.	WINDOW
FIN.	FINISH	NO.	NUMBER	W.W.	WINDOW WALL
FKT.	FIXTURE	NO.	NUMBER		
FL.	FLASHING	NO.	NUMBER		
FUR.	FLOOR	NO.	NUMBER		
F.D.	FLOOR DRAIN	NO.	NUMBER		

LOCATION PLAN



GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH A.D.A. REQUIREMENTS AND ALL APPLICABLE LOCAL, STATE, AND FEDERAL BUILDING CODES AND REGULATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY BUILDING PERMITS.
- THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OF ANY INCONSISTENCIES OR DISCREPANCIES WITH THE PROJECT DOCUMENTS. ACCESS TO THE SITE AND/OR SPACE UNDER CONSTRUCTION DURING BIDDING AND CONSTRUCTION SHALL BE COORDINATED WITH THE OWNER.
- DO NOT SCALE DRAWINGS.
- THE WORD "ALIGN" AS USED IN THESE DOCUMENTS SHALL SUPERCEDE ANY DIMENSIONAL INFORMATION GIVEN.
- TYPICAL DIMENSIONS ARE TO FACE OF CONCRETE, DRYWALL, CURTAINWALL, ETC. OR TO COLUMN CENTERLINE. DIMENSIONS AT WINDOWS ARE TYPICALLY TO FACE OF FRAME. REFER TO PLAN DETAILS FOR ADDITIONAL INFORMATION.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINING AND CONFIRMING ALL SUBSTRATE CONDITIONS WHERE NEW MATERIALS ARE APPLIED. THE SUBSTRATE SHALL BE SMOOTH AND FREE OF DEFECTS AND SHALL CONFORM TO THE REQUIREMENTS OF THE FINISHED MATERIAL MANUFACTURERS RECOMMENDATIONS.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN-UP.
- CONTRACTOR TO PROVIDE ALL REQUIRED LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO MEET AND COMPLETE THE REQUIREMENTS OF THE NEW CONSTRUCTION.
- IF MATERIAL SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB. IMMEDIATELY NOTIFY ARCHITECT AND OWNER. OWNER SHALL COORDINATE WITH CONTRACTOR ON THE REMOVAL OF SUCH ITEMS. WORK MAY PROCEED AFTER HAZARDOUS MATERIAL HAS BEEN REMOVED.
- UPON VERIFICATION OF THE EXISTING CONDITIONS, THE CONTRACTOR SHALL DETERMINE AND RECOMMEND THE BEST ACTION TO MINIMIZE THE EXTENT OF REMOVAL WORK FOR INSTALLATION OF NEW WORK.

WELL BABY SHEET INDEX

SHEET NUMBER	SHEET NAME
GENERAL	
A0.1.1	COVER SHEET
A0.2.1	COOR PLAN
A0.4.1	U.I. DESIGN ASSEMBLIES
DEMOLITION	
ADD.4.1	DEMOLITION PLAN
ADD.4.2	DEMO RCP
ARCHITECTURE	
A2.1.1	OVERALL PLAN
A2.4.1	WELL BABY
A2.4.2	RCP
A7.1.1	FINISH FLOOR PLAN - WELL BABY
A7.2.1	INTERIOR DETAILS - WELL BABY
MECHANICAL	
M102.1	SECOND FLOOR DEMOLITION - PIPING & CONTROLS - WELL BABY AND ISO AREAS
M112.1	SECOND FLOOR DEMOLITION - MULTIPLE AREAS
M202.1	SECOND FLOOR - PIPING & CONTROLS - WELL BABY AND ISO AREAS
M212.1	SECOND FLOOR - VENTILATION - WELL BABY & ISO AREAS
M810.1	SCHEDULES AND CONTROL DIAGRAMS
PLUMBING	
P102.1	SECOND FLOOR DEMOLITION - WELL BABY AREA
P201.1	FIRST FLOOR - PLUMBING - WELL BABY AREA
P202.1	SECOND FLOOR - PLUMBING - WELL BABY AREA
P212.1	SECOND FLOOR - MEDICAL GAS - WELL BABY AREA
ELECTRICAL	
E102.1	SECOND FLOOR DEMOLITION - PIPING & CONTROLS - WELL BABY & ISO AREAS
E112.1	SECOND FLOOR DEMOLITION - LIGHTING - WELL BABY & ISO AREAS
E122.1	SECOND FLOOR DEMOLITION - SYSTEMS - WELL BABY & ISO AREAS
E202.1	SECOND FLOOR - LIGHTING - WELL BABY & ISO AREAS
E212.1	SECOND FLOOR - POWER - WELL BABY AND ISO AREAS
E222.1	SECOND FLOOR - SYSTEMS - WELL BABY AREA

Saint Luke's East Hospital
MOTHER BABY FINISH UPGRADES
100 NE Saint Luke's Blvd
Lee's Summit, MO 64086

Date 10/1/2021
Job Number 3-21004
Drawn By CN
Checked By AD

Number	Date	Description
4	10/1/21	ASI #4
10	05/13/22	ASI #10

10 A0.1.1



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Project Construction Purpose: RENOVATION OF WELL BABY NURSERY AND ISOLATION ROOM.

Owner Information
Saint Luke's East Hospital
100 NE Saint Luke's Boulevard
Lee's Summit, MO 64086

Designer Information
ACI Boland Architects
1710 Wyandotte St.
Kansas City, MO 64108
Phone: (816) 763-9600

Code Information
2018 International Building Code
2018 International Plumbing Code
2018 International Mechanical Code
2018 International Fuel Gas Code
2018 International Fire Code
2017 National Electrical Code (NFPA 70)
2009 (ICCANSI) A117.1 as amended and adopted by the City of Lee's Summit
2012 NFPA 101 Life Safety Code
2014 FGI Guidelines for Design & Construction of Hospitals & Outpatient Facilities

Local Authority
Responsible Fire Service: Lee's Summit Fire Department
Local Building Inspection: Lee's Summit, MO - Codes Administration Department

Area of Renovation
Well Baby: 1,408sf
Iso Room: 192sf

Occupancy Group: I-2 - Section 308.3
Healthcare - Section 6.1.5
S-2 - Section 311.3

Occupant Load:
Sleeping Area: 5F / occupant
Total Square Footage: 1408 SF / 120 SF per occupant = 11.7
Total Number of Occupants = 12

Type of Construction: Type I-A Section 602.2
(Type I - 332 Sprinklered - Section 18.1.6.1)

Required Fire Resistance Ratings (in hours)
Per NFPA 101 A.8.2.1.2:

Active Fire Safety Features:
- Fire Alarm System - The fire alarm system is specified as an addressable type system. The device type and locations are per the applicable codes as well as ADA requirements.
- Smoke Control System - All ductwork penetrating smoke rated walls will have a smoke or combination fire/smoke damper as indicated on construction documents. These dampers will close upon detection of smoke by the area smoke detectors or duct smoke detectors in the air handling units.
- Fire Sprinkler System - Specified to be per NFPA 13. The sprinkler heads are specified to be quick response type.
- Emergency Lighting and Power - Emergency lighting, life safety and critical loads will receive power from a local generator located outside the main electrical room.
- Illuminated Exit Signs

Passive Fire Safety Features:
- Smoke Compartments no greater than 22,500 SF

CODE FOOTPRINT LEGEND

PARTITION TYPES

- 0 HR SMOKE PARTITION (SMOKE RESISTIVE)
- 1 HR SMOKE BARRIER
- 1 HR FIRE BARRIER
- 2 HR FIRE BARRIER
- 2 HR FIRE SMOKE BARRIER

AREA DESIGNATIONS

- CORRIDOR
- HAZARDOUS ROOM
- EXIT ENCLOSURE
- SHAFT

BOUNDARY DESIGNATIONS

- SUITE - SLEEPING
- 0 HR SMOKE PARTITION (SMOKE RESISTIVE)
- NOT IN ARCHITECTURAL SCOPE

SYMBOLS

- SMOKE COMPARTMENT DESIGNATION
- SUITE DESIGNATION
- FIRE EXIT
- OCCUPANT LOAD
- EXIT WIDTH PROVIDED
- EXIT WIDTH REQUIRED
- NEW FIRE EXTINGUISHER CABINET
- EXISTING FIRE EXTINGUISHER CABINET
- EXIT SIGN
- FIRE DOOR RATING
- TRAVEL DISTANCE

CODE SUMMARY

GENERAL NOTES:

- UNLESS NOTED OTHERWISE, ALL INTERIOR METAL STUDS ARE 3/8" THICK. REFER TO SUFFIX SCHEDULE BELOW FOR LOCATIONS OF METAL STUDS OTHER THAN 3/8" THICK. NOTE: STUD THICKNESS (GAUGE) MUST CONFORM TO MANUFACTURER'S RECOMMENDATIONS FOR SPAN HEIGHT OF STUD.
- WHERE THE PARTITION TYPE INDICATION IS SHOWN WITH A NUMERICAL SUFFIX, THE METAL STUD THICKNESS SHALL BE AS SCHEDULED BELOW:

SUFFIX	MTL STUD THICKNESS
1	1-5/8" MTL STUDS
2	2-1/2" MTL STUDS
3	6" MTL STUDS
4	8" MTL STUDS

- UNLESS NOTED OTHERWISE, ALL INTERIOR DRYWALL PARTITIONS INDICATED ON THE FLOOR PLAN DRAWING ARE TYPE 'A' PARTITIONS, WHERE OCCURS, RATINGS ARE AS INDICATED ON THE LIFE SAFETY PLANS.
- ALL STUDS ARE CONTINUOUS FROM FLOOR STRUCTURE TO CEILING STRUCTURE UNLESS NOTED OTHERWISE.
- UNLESS NOTED OTHERWISE, ALL GYPSUM BOARD IS TO BE 5/8" THICK "FIRECODE".
- THE LOCATION OF A CHANGE IN THE PARTITION TYPE IS INDICATED BY A WALL TAG.
- THE CORRESPONDING RATED ASSEMBLIES ARE INDICATED BELOW THE PARTITION TYPES.
- PARTITION TYPE DESIGNATIONS ARE INDICATED ON THE FLOOR PLAN DRAWINGS.
- PARTITION TYPES DO NOT INCLUDE APPLIED FINISHES CALLED FOR IN THE ROOM FINISH SCHEDULE.
- AT PARTITION TYPES WHERE MTL STUDS ARE EXPOSED ON ONE OR BOTH SIDES, CUT STUD 1/4" SHORT AND SCREW BOTH SIDES TO MTL RUNNER TRACK.

GENERAL NOTES:

- ANY OBJECTS PROJECTING MORE THAN 4 INCHES FROM THE FINISHED FACE OF WALL INTO A CIRCULATION PATH SHALL NOT HAVE A HEAD CLEARANCE OF LESS THAN 80" (8'-0").
- GENERAL CONTRACTOR TO INSTALL FIRE RETARDANT WOOD BLOCKING FOR ALL EQUIPMENT OVER SOLBS AND FIRE RETARDANT PLYWOOD FOR EQUIPMENT UNDER 50 LBS, AS REQUIRED FOR THE MOUNTING OF ALL EQUIPMENT.

EQUIPMENT MOUNTING HEIGHTS Copy 1

1/4" = 1'-0"

SYMBOLS
1/4" = 1'-0"

ELECTRICAL DEVICE MOUNTING HEIGHTS Copy 1

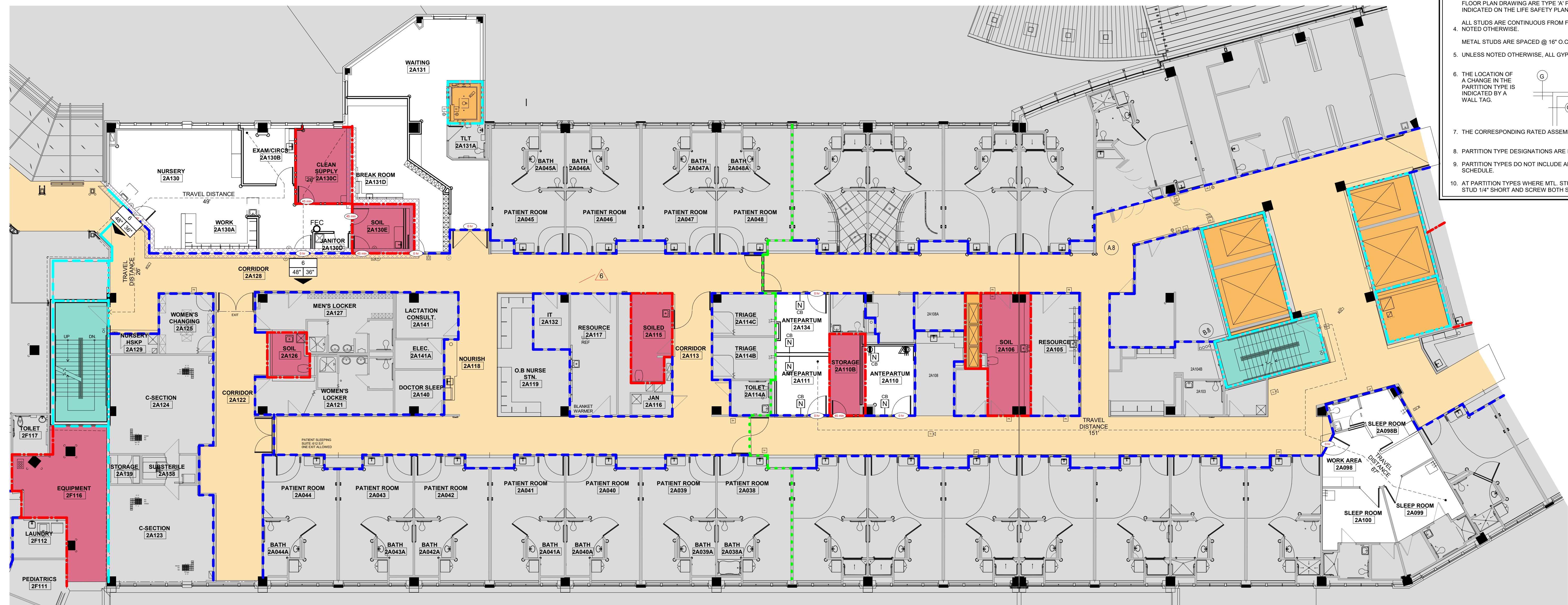
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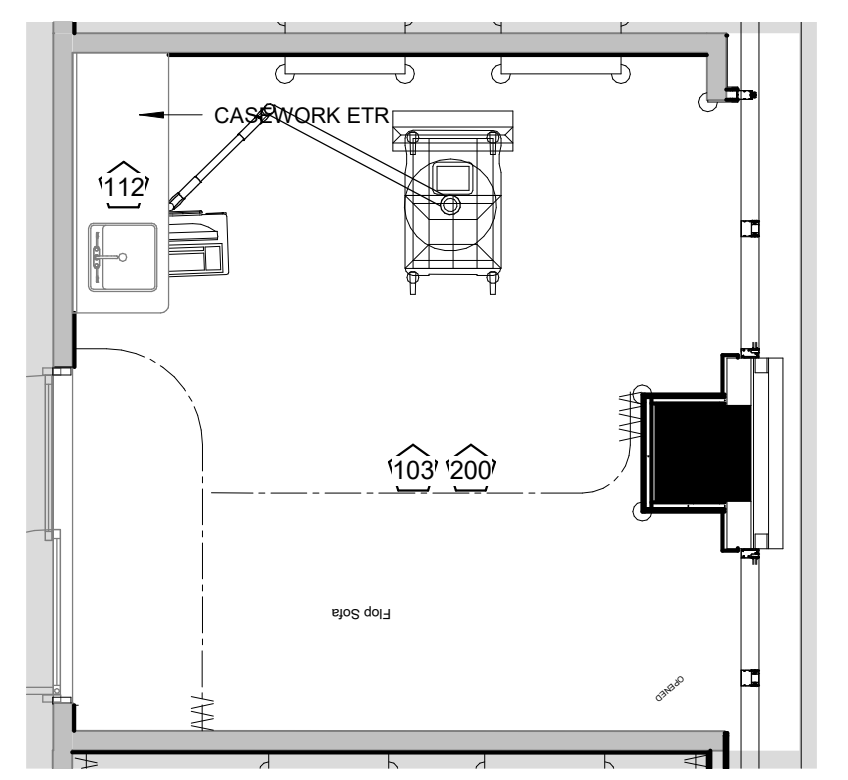
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 DEMOLITION PLAN

GENERAL DEMOLITION NOTES

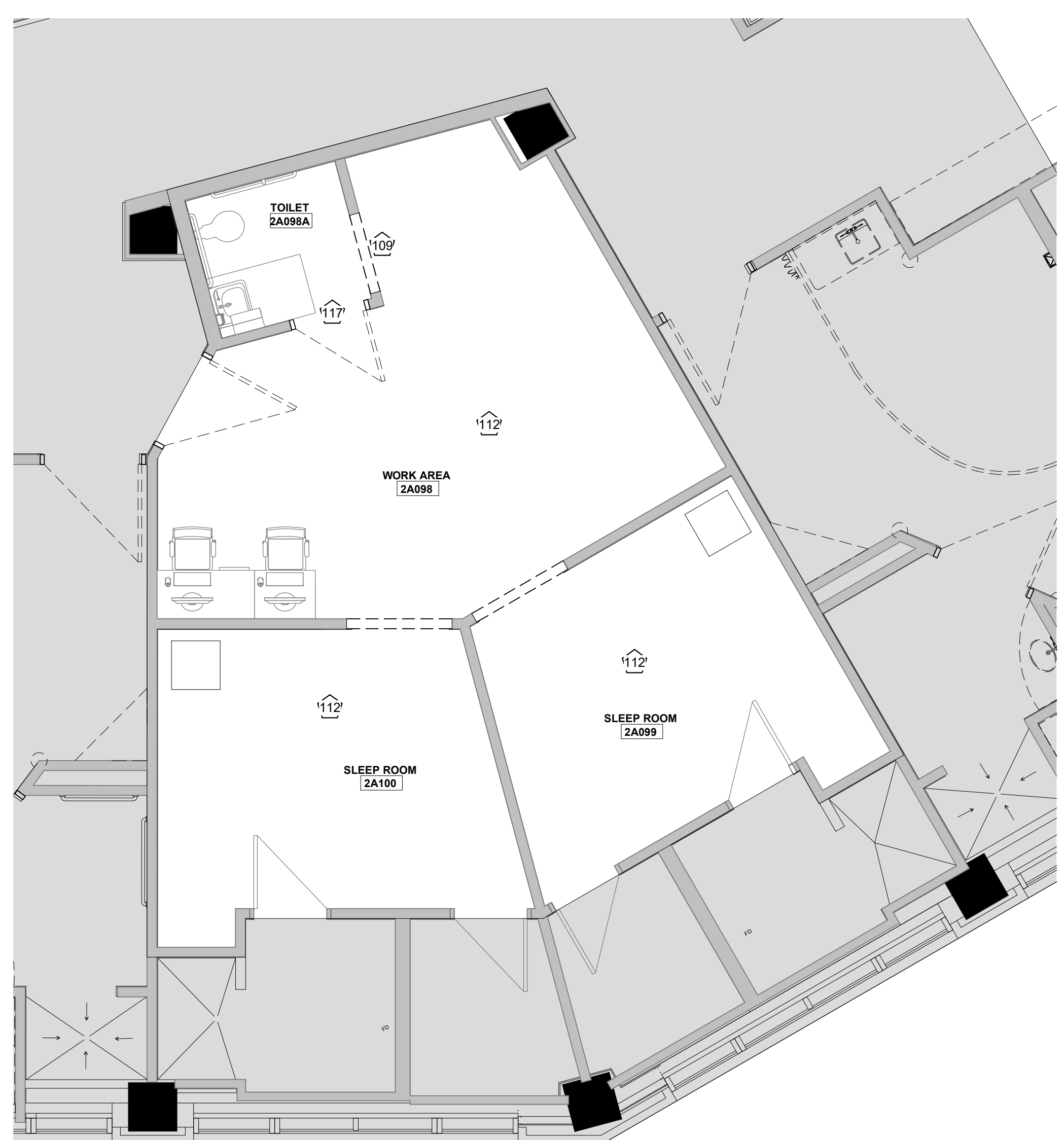
1. THE OWNER SHALL VACATE THE EXISTING ROOMS AS INDICATED ON THE PLAN AND BE RESPONSIBLE FOR THE REMOVAL OF ANY EQUIPMENT WHICH IS TO REMAIN THE PROPERTY OF THE OWNER PRIOR TO ANY WORK DONE BY THE CONTRACTOR FOR THIS PORTION OF THE SEQUENCE.
2. INSTALL TEMPORARY DUST PROTECTION PARTITION AS INDICATED ON THE PLAN TO CONTAIN DEMOLITION CONSTRUCTION DUST AND DEBRIS WITHIN THE AREA OF CONSTRUCTION. REFER TO DUST PARTITION TOP ON THIS SHEET.
3. IT IS THE INTENT OF THIS DEMOLITION TO REMOVE ALL EXISTING CONSTRUCTION WHICH CONFLICTS WITH THE INTENT OF THE NEW CONSTRUCTION. EVERY DEMOLITION DETAIL MAY NOT NECESSARILY BE COVERED ON THESE DRAWINGS. FIELD VERIFY THE EXTENT OF ALL DEMOLITION.
4. THE CONTRACTOR SHALL USE EXTREME CARE IN THE PROTECTION OF ALL ADJACENT AREAS FOR IT IS IMPERATIVE TO PROVIDE CONTINUOUS OPERATION OF ALL OCCUPIED AREAS DURING THE DEMOLITION, CONSTRUCTION AND RENOVATION WITHIN THIS AND ALL SEQUENCES OF CONSTRUCTION.
5. ALL PARTITIONS, DOORS, EQUIPMENT, ETC. INDICATED BY DASHED LINES ON THIS PLAN SHALL BE REMOVED.
6. ALL DEMOLITION DESCRIBED IN THESE DOCUMENTS SHALL BE COORDINATED WITH PHASING WORK REQUIRED TO COMPLETE THE WORK.
7. THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK WITHIN OCCUPIED ADJACENT SPACES AND SHALL NOTIFY OWNER TWO WEEKS PRIOR TO COMMENCING WORK. SUCH SPACES ARE TO REMAIN OCCUPIED DURING DEMOLITION AND ALL WORK SHALL BE PERFORMED IN SUCH A MANNER TO MINIMIZE DISRUPTION TO OCCUPIED SPACES. EXISTING FLOOR, WALL AND CEILING FINISHES TO REMAIN SHALL BE PROTECTED AND ANY DAMAGE DONE AS A RESULT OF DEMOLITION WORK SHALL BE REPAIRED.
8. IN AREAS SCHEDULED FOR DEMOLITION, THE CONTRACTOR SHALL REMOVE ALL ACCESSORIES, GRAB BARS, MIRRORS, SOAP AND PAPER TOWEL DISPENSERS, SHELVES, BULLETIN BOARDS, ETC., SHALL BE TURNED OVER TO THE OWNER, EXCEPT FOR RELOCATED ITEMS.
9. WHERE NEW FINISHES ARE CALLED FOR, REMOVE AND DISCARD EXISTING FLOORING, CEILING AND WALL COVERING THROUGHOUT AREA DESIGNATED FOR NEW CONSTRUCTION AND PREP EXISTING FLOOR AND WALL SUBSTRATE TO RECEIVE THE INSTALLATION OF NEW FINISH AS SCHEDULED.
10. AT DISSIMILAR FLOOR ELEVATIONS, AFTER THE EXISTING CONSTRUCTION HAS BEEN REMOVED, FEATHER EPOXY GROUT TOPNERS TO EACH FLOOR ELEVATION AND GRIND SMOOTH. AT DISSIMILAR FLOOR MATERIALS, AND/OR AT JUNCTIONS BETWEEN EXISTING FLOOR, PROVIDE THE APPROPRIATE TRANSITION STRIP AT THE EDGE.
11. AT VARIATIONS IN WALL SURFACES AFTER THE EXISTING CONSTRUCTION HAS BEEN REMOVED, FEATHER JOINT COMPOUND AND SAND SMOOTH.
12. WHERE CEILING IS TO REMAIN, REMOVE ALL DAMAGED CEILING PANELS/ TILES AND REPLACE WITH NEW TO MATCH EXISTING.
13. REMOVE AND RETURN TO THE OWNER ALL EXISTING PLUMBING FIXTURES. CAP ALL SUPPLY AND WASTE LINES AS REQUIRED. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
14. THE CONTRACTOR SHALL PATCH TO MATCH ADJACENT SURFACES OF EXISTING WALLS AND FLOORS IN ALL AREAS THAT REQUIRE THE REMOVAL OF GENERAL MECHANICAL, ELECTRICAL AND PLUMBING WORK AND OF EQUIPMENT AND FIXTURES.
15. THE CONTRACTOR SHALL PROVIDE FOR ALL NECESSARY TEMPORARY RELOCATION AND MAINTENANCE OF ALL EXISTING UTILITIES WHICH ARE CURRENTLY IN USE AND WHICH MUST BE TEMPORARILY RELOCATED DURING CONSTRUCTION OF NEW AREAS AND RENOVATION OF EXISTING AREAS THROUGH EACH SEQUENCE OF CONSTRUCTION.
16. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR WORK REQUIRED IN THIS STEP OF THE SEQUENCE OF CONSTRUCTION.
17. WHERE REMOVAL OF EXISTING PARTITIONS, EQUIPMENT, ETC. DISTURBS EXISTING MECHANICAL, PLUMBING OR ELECTRICAL SERVICES, THE CONTRACTOR SHALL MAKE PERMANENT REVISIONS AS REQUIRED AND IF NECESSARY, PROVIDE TEMPORARY SERVICES TO AREAS NOT SCHEDULED FOR DEMOLITION AND RENOVATION.
18. WHERE EXISTING WALLS, CEILING, OR FLOORS ARE DAMAGED BY THE CONTRACTOR FOR ACCESS TO SERVICES AND NEW CONSTRUCTION WHICH MAY NOT BE SCHEDULED OR SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH TO MATCH MATERIAL AND FINISHES TO ORIGINAL CONDITIONS. IF EXISTING FINISHES CANNOT BE MATCHED, THE ENTIRE WALL, CEILING, OR FLOOR SHALL BE REFINISHED TO THE NEAREST CORNER OR POSITIVE BREAKING POINT.
19. WHEN DEMOLITION CAUSES OR EXPOSES DAMAGE TO FLOOR SLAB, WALL, OR CEILING SURFACES WHICH WILL REMAIN EXPOSED IN THE FINISHED WORK, SUCH CONDITIONS SHALL BE REPAIRED AND LEVELED AS REQUIRED TO RECEIVE NEW FINISHES.
20. CLEAN AIR GRILLES AND LIGHT FIXTURES THROUGHOUT PROJECT AREA UPON COMPLETION OF WORK.
21. WHERE EXISTING PHONE, DATA, OR PHONEDATA OUTLETS ARE REMOVED, THE CONTRACTOR SHALL USE EXTREME CARE IN PULLING WIRE THROUGH THE EXISTING CONDUITS, COIL AND WRAP ABOVE EXISTING CEILING FOR REUSE.
22. WHERE EXTERIOR WALLS, WINDOWS, AND/OR DOORS ARE BEING REMOVED, THE CONTRACTOR WILL BE RESPONSIBLE TO CONSTRUCT TEMPORARY PARTITIONS AS REQUIRED TO ENSURE THAT THE EXISTING BUILDINGS REMAIN WATER TIGHT AND WITHOUT DRAFTS DURING DEMOLITION WORK. THESE PARTITIONS SHALL REMAIN IN PLACE DURING THE NEW CONSTRUCTION WORK, OR AS REQUIRED TO MAINTAIN THIS SEPARATION.
23. THE CONTRACTOR SHALL FILL ALL OPENINGS IN EXTERIOR WALLS RESULTING FROM THE REMOVAL OF LOUVERS, EXHAUST FANS, ETC. THE OPENINGS SHALL BE FILLED FLUSH WITH AND OF THE SAME MATERIALS AS THE SURROUNDING WALLS.
24. PROVIDE SHORING AND BRACING AS REQUIRED DURING DEMOLITION AND NEW CONSTRUCTION.

KEYNOTES - DEMO PLAN - WELL BABY

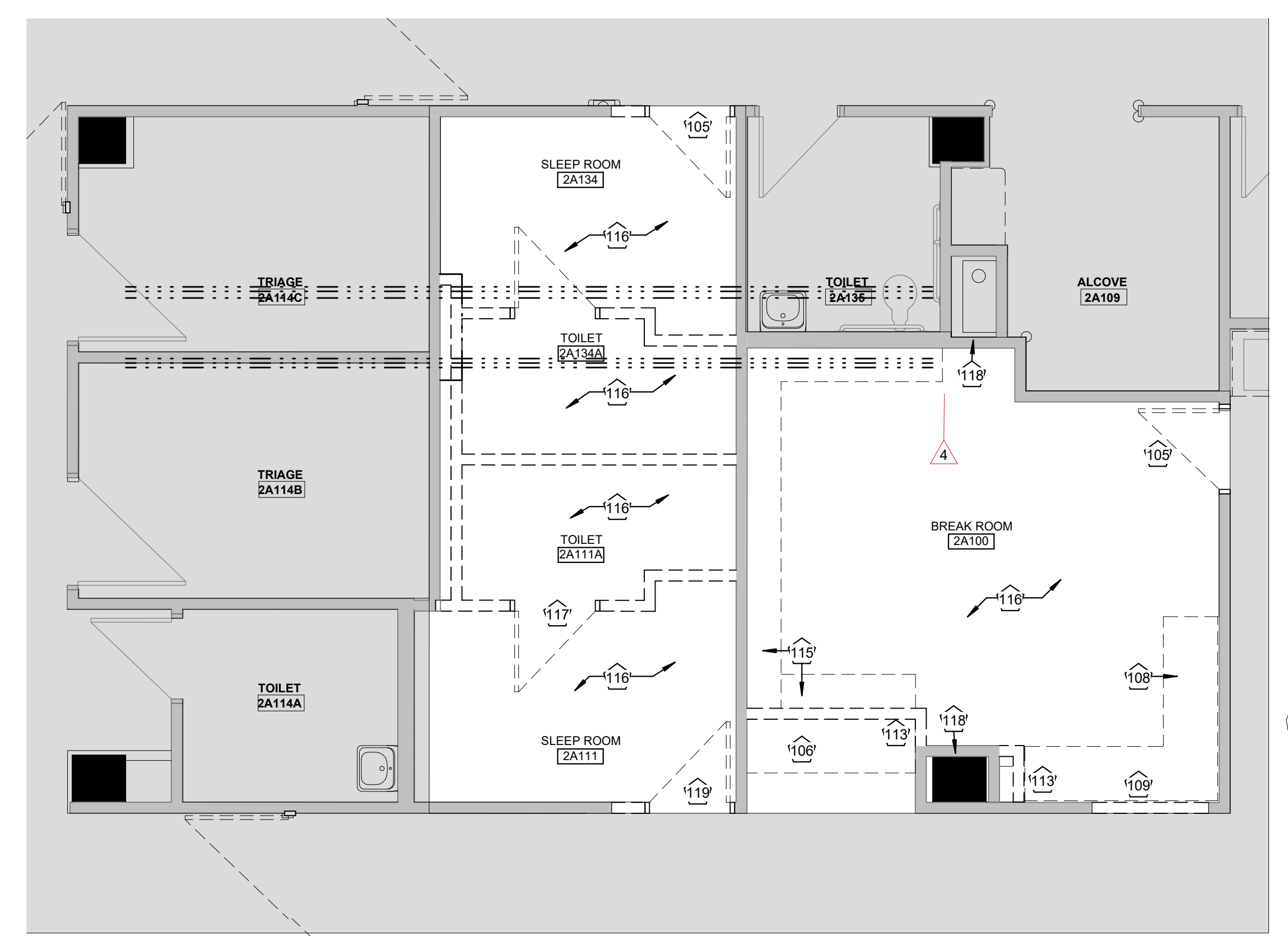
NUMBER	COMMENTS
103	REMOVE EXISTING FLOORING AND BASE. PREP FOR NEW FLOOR
104	REMOVE ALL CORNER GUARDS AND RECEIVERS
105	DEMO EXISTING DOOR AND FRAMES. SALVAGE HARDWARE TO OWNER
106	REMOVE EXISTING CASEWORK AND COUNTERTOP
107	REMOVE EXISTING ICU SLIDER
108	REMOVE EXISTING CASEWORK, COUNTERTOP AND SINK
109	DEMO EXISTING WALL AS REQUIRED TO COORDINATE WITH INSTALLATION OF NEW DOOR AND FRAME
110	DEMO EXISTING BORROW LITE
111	DEMO EXISTING MED GABES AS REQUIRED FOR INSTALLATION OF NEW DOOR, RE, MEP
112	REMOVE EXISTING FLOORING AND BASE. PREP FOR NEW FLOOR
113	DEMO PORTION OF EXISTING WALL AS REQUIRED TO COORDINATE WITH NEW CONSTRUCTION
114	REMOVE EXISTING DOOR - PREP FOR NEW DOOR
115	REMOVE EXISTING LOCKER
116	DEMO EXISTING ROOM TO EXTENTS SHOWN, INCLUDING WALLS, DOORS, CEILING, AND FINISHES TO COORDINATE WITH NEW CONSTRUCTION. SALVAGE ALL WALL MOUNTED ACCESSORIES AND DOOR HARDWARE
117	DEMO EXISTING DOOR AND FRAMES. SALVAGE DOOR AND HARDWARE FOR REUSE
118	REMOVE AND SALVAGE EXISTING MONITOR. TO BE RELOCATED TO NEW BREAKROOM
119	SALVAGE EXISTING DOOR AND HARDWARE. RELOCATE TO NEW SLEEP ROOM 2A098B
120	REMOVE EXISTING WINDOW SILL AND PREP FOR NEW WINDOW SILL.



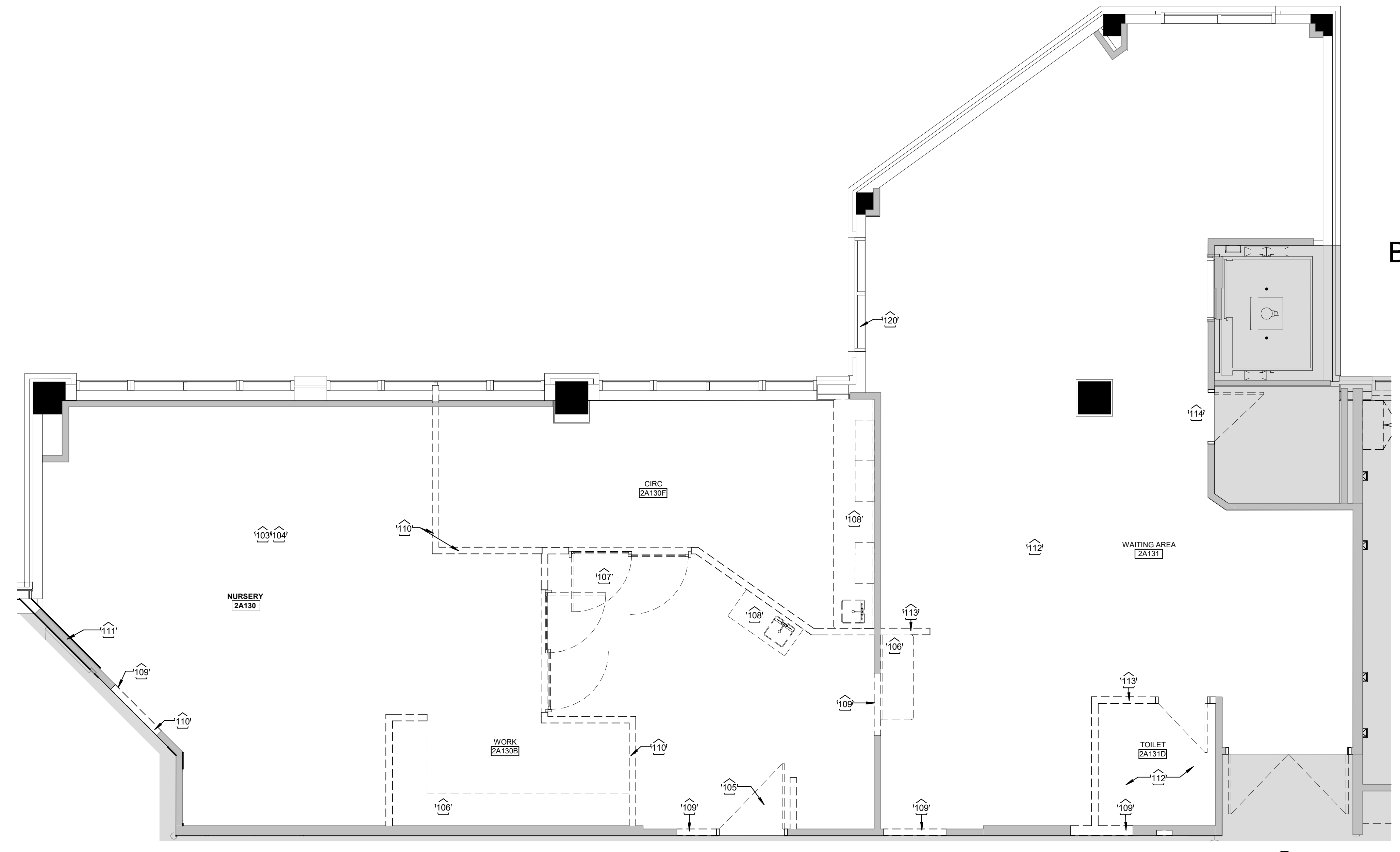
D2 ISO ROOM - DEMO PLAN
 1/4" = 1'-0"



B2 DEMOLITION PLAN - SLEEP ROOM
 1/4" = 1'-0"



A2 DEMOLITION PLAN - ANTEPARTUM
 1/4" = 1'-0"



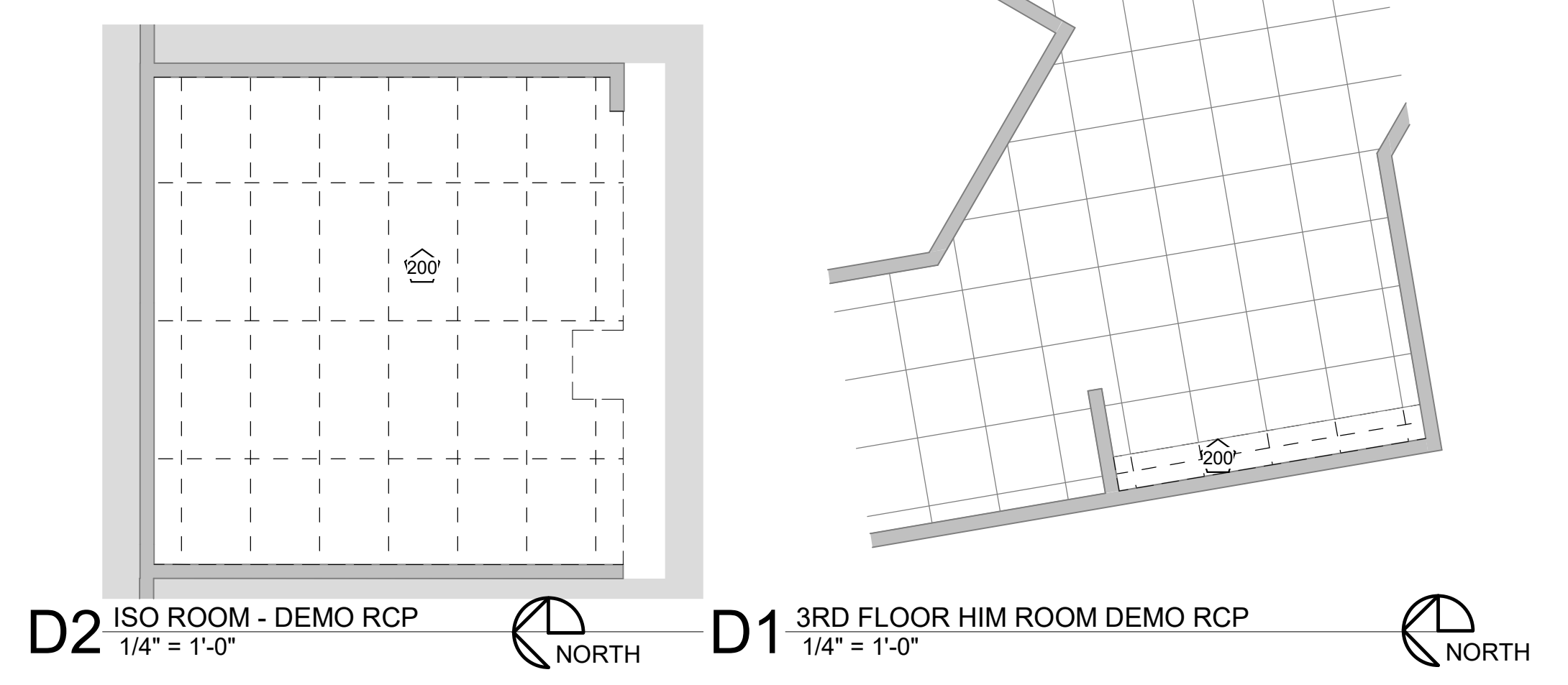
A6 DEMOLITION PLAN - WELL BABY
 1/4" = 1'-0"





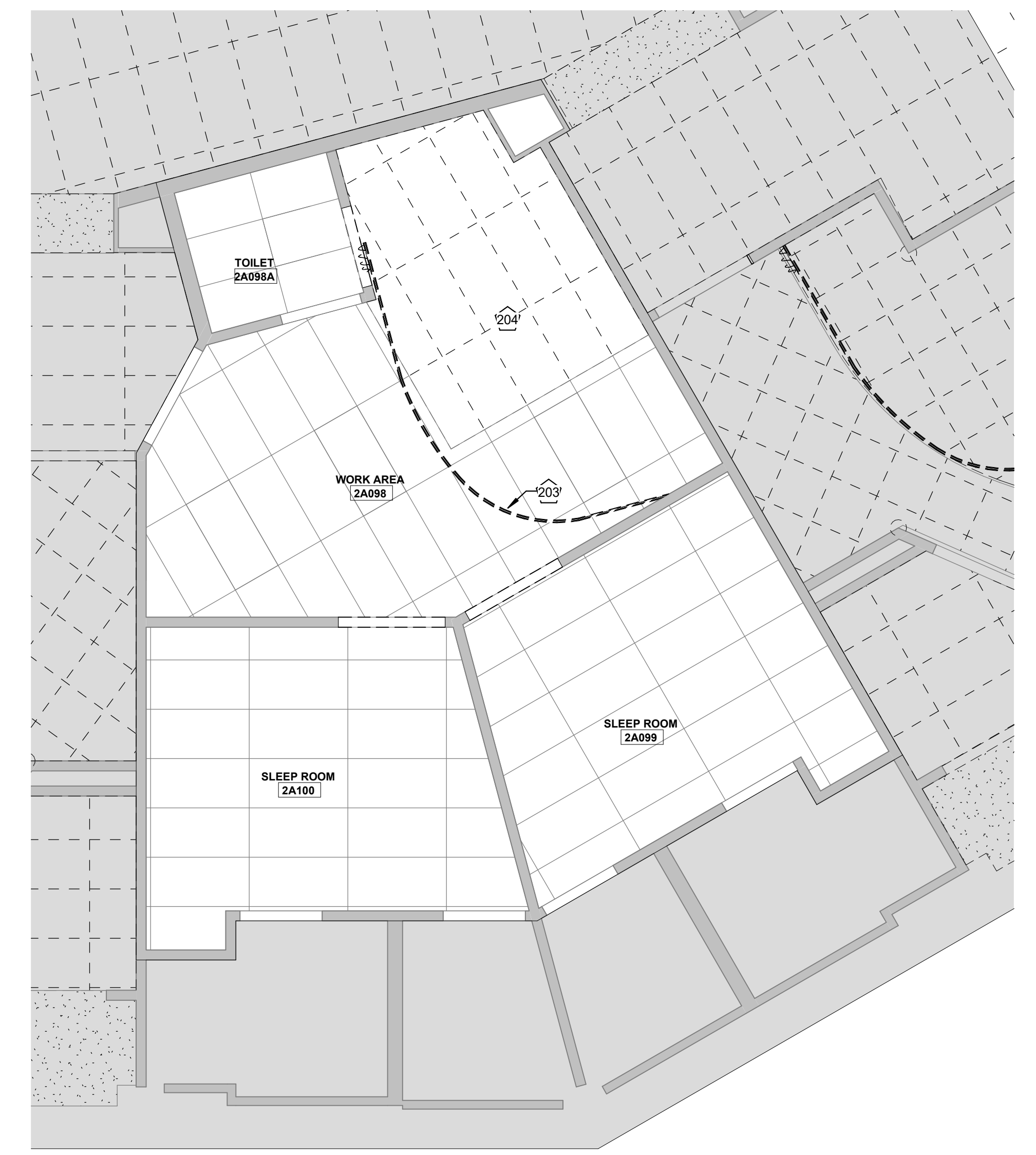
ACI/Boland, Inc.
Kansas City | St. Louis
Licensee's Certificate of Authority Number:

CONSULTANT 1
Company Name
Address
City, State, Zip
Phone Number: 000.000.0000
Licensee's Certificate of Authority Number:

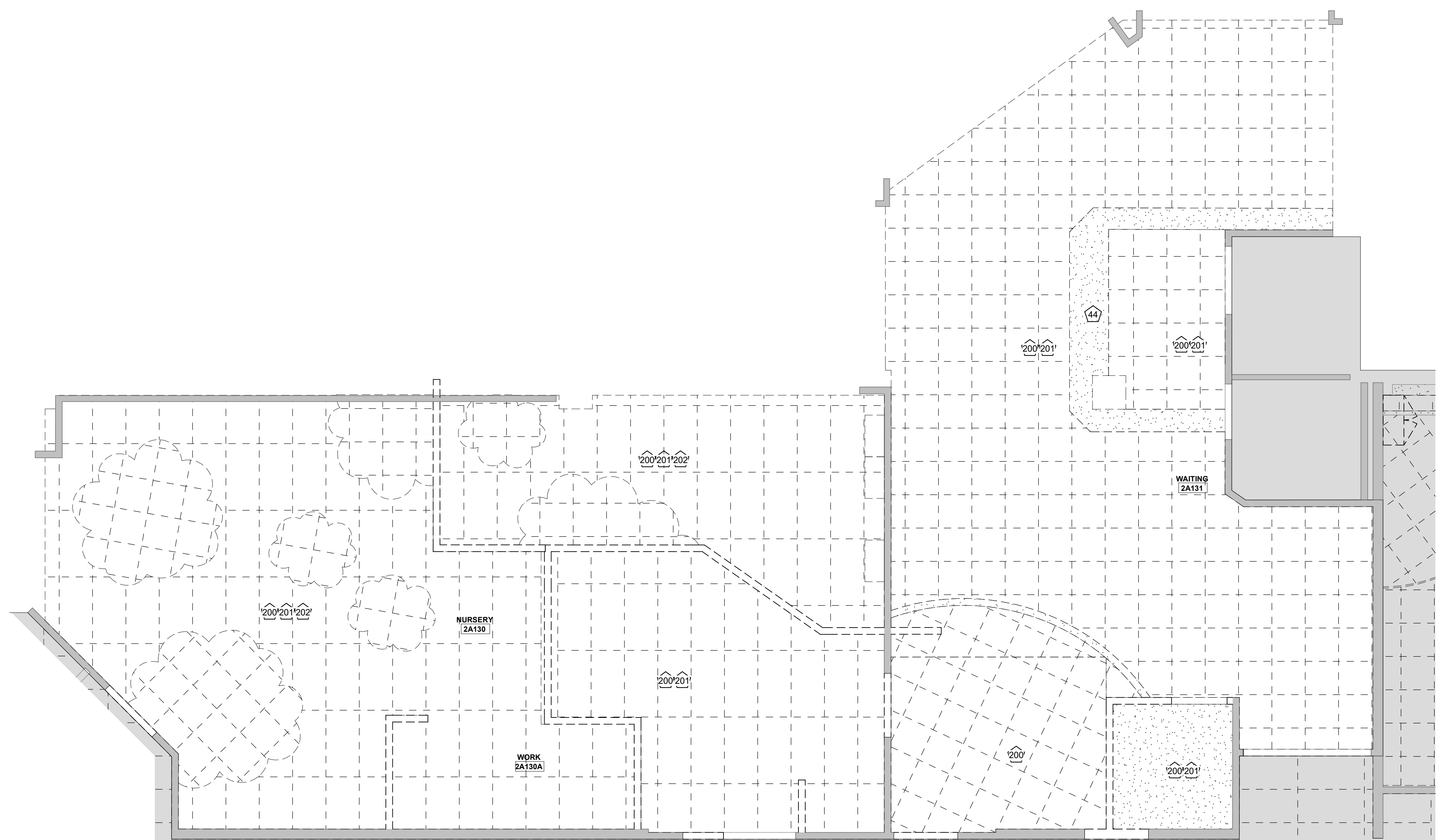


KEYNOTES - DEMO RCP - WELL BABY

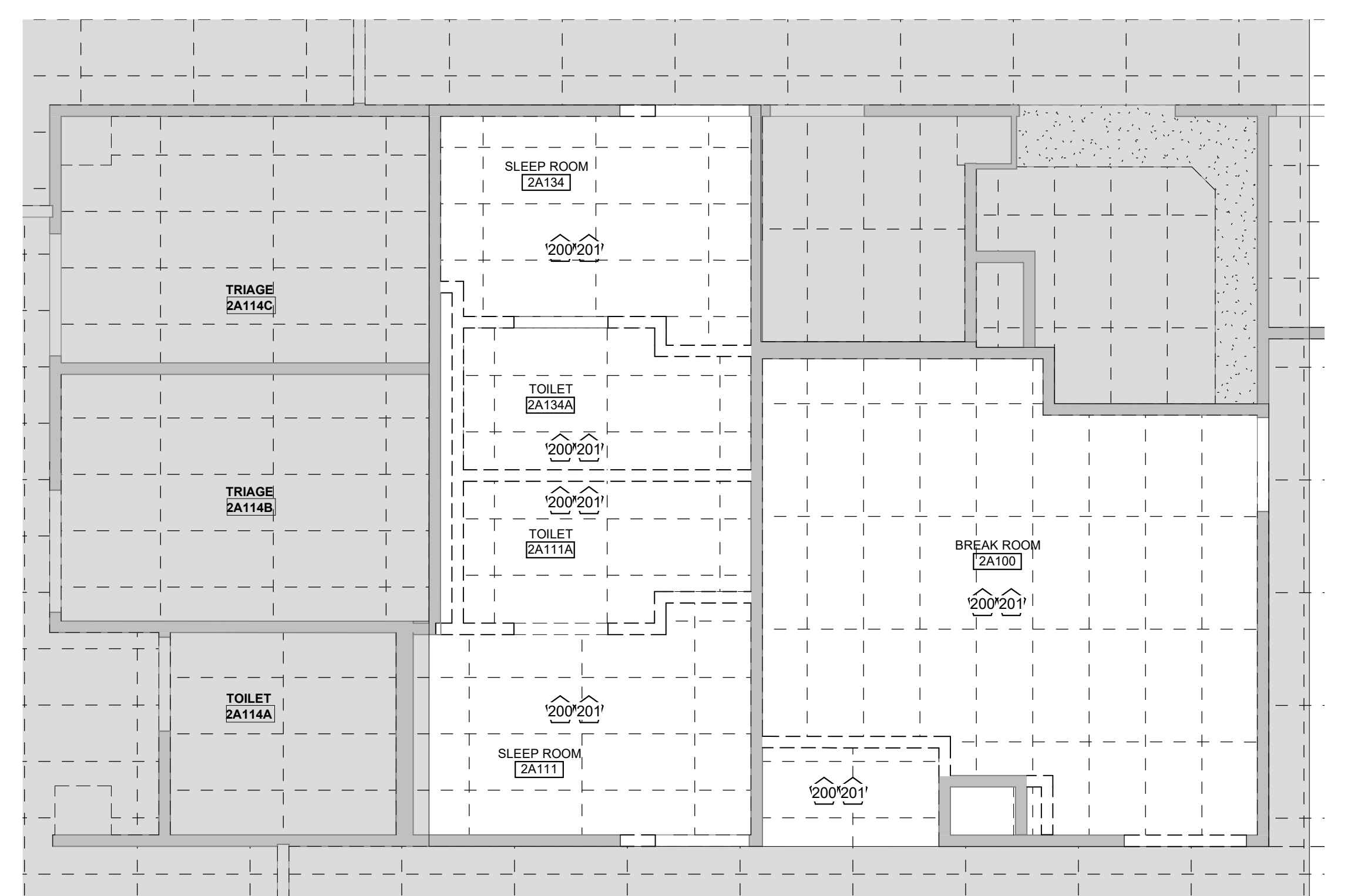
NUMBER	COMMENTS
200	REMOVE EXISTING CEILING TILES, GRID, LIGHTS, AND DIFFUSERS
201	REMOVE ALL EXISTING LIGHTS AND EXPOSED SPRINKLER HEADS THROUGHOUT. TYPICAL RE: MEP
202	REMOVE EXISTING CEILING CLOUDS. TYPICAL
203	REMOVE EXISTING CEILING MOUNTED CURTAIN AND TRACK
204	REMOVE PORTION OF EXISTING CEILING, LIGHTS AND DIFFUSERS TO COORDINATE WITH NEW CONSTRUCTION



B2 DEMOLITION RCP - WELL BABY
1/4" = 1'-0"



A6 DEMOLITION RCP - WELL BABY
1/4" = 1'-0"



A2 DEMOLITION RCP - WELL BABY
1/4" = 1'-0"

MOTHER BABY FINISH UPGRADES
100 NE Saint Luke's Blvd
Lee's Summit, MO 64086

Date 10/1/2021
Job Number 3-21004
Drawn By Author
Checked By Checker

Number	Date	Description
10	05/13/22	AST #10



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License - Missouri WA-2011012130

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IMEG Corp.
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Licensee's Certificate of Authority Number:
#00127265

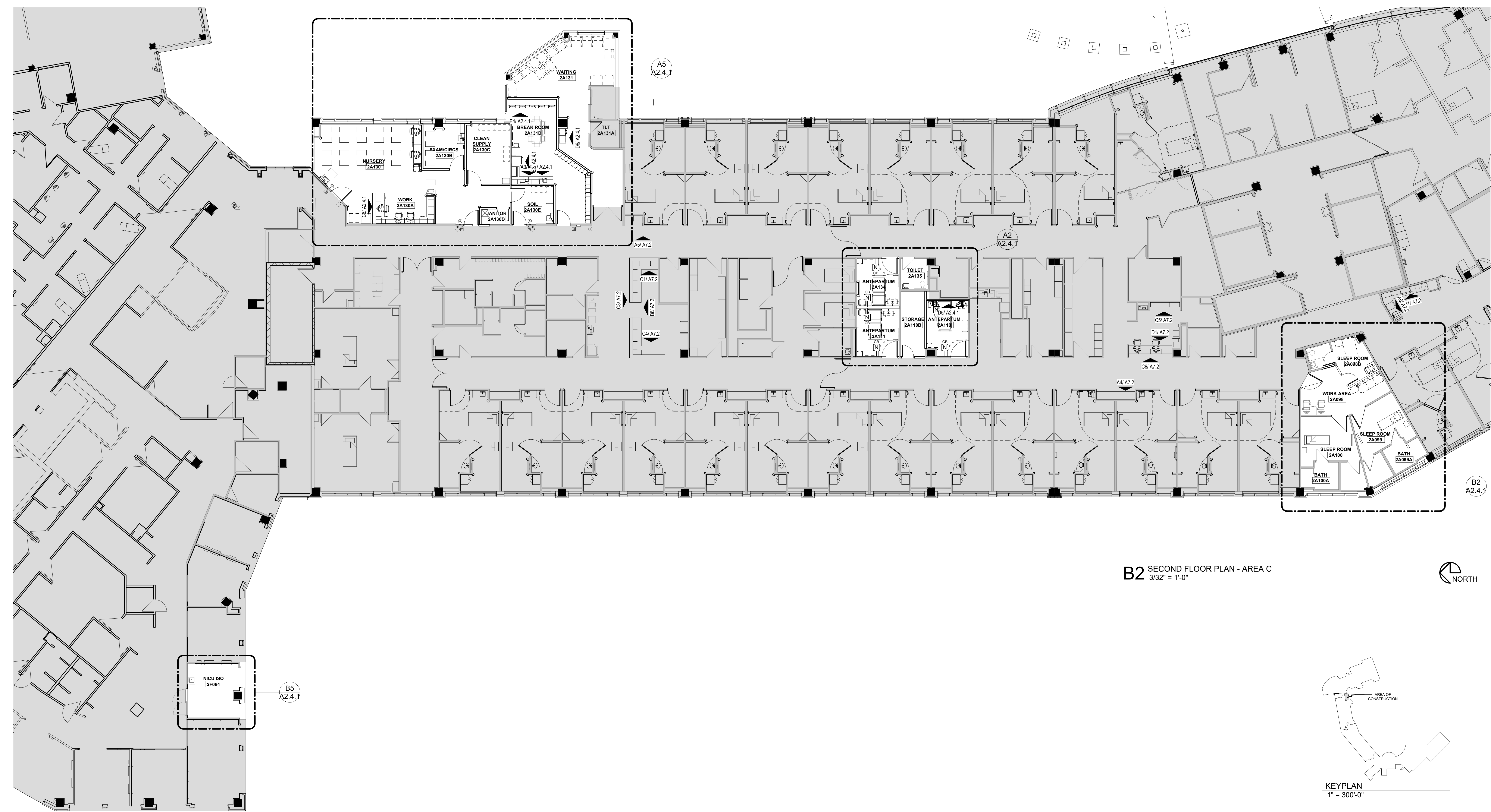
Saint Luke's East Hospital MOTHER BABY FINISH UPGRADES 100 NE Saint Luke's Blvd Lee's Summit, MO 64086

Date 10/1/2021
Job Number 3-21004
Drawn By Author
Checked By Checker

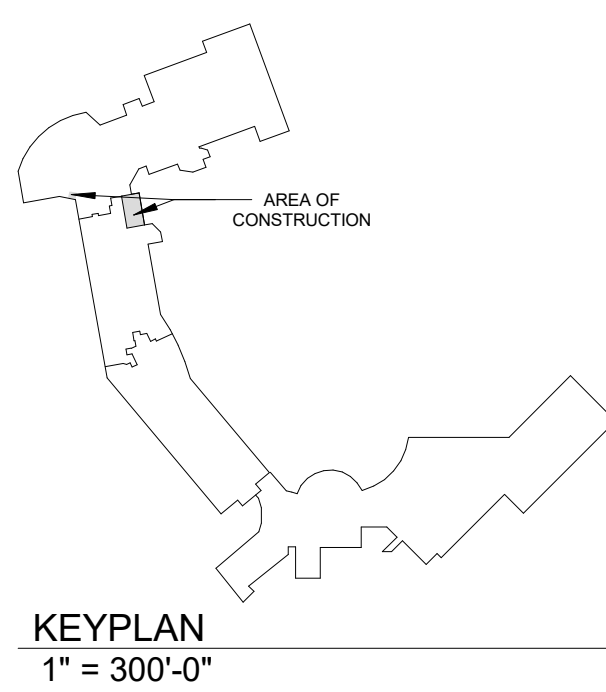
Number	Date	Description
10	05/13/22	AST #10

5/13/2022 2:37:08 PM

C:\Users\dstall\Documents\13-21004_SLE Mother Baby Upgrades_R21_bolastalB9D2N.rvt



B2 SECOND FLOOR PLAN - AREA C
3/32" = 1'-0"



KEYPLAN
1" = 300'-0"



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#0012765

Saint Luke's East Hospital
MOTHER BABY FINISH UPGRADES
100 NE Saint Luke's Blvd
Lee's Summit, MO 64086

Date 10/1/2021
Job Number 3-21004
Drawn By AF
Checked By AD

Number	Date	Description
4	10/1/21	ASI #4
6	10/21/21	ASI #6
9	02/16/22	ASI #9 STATE
10	05/13/22	ASI #10

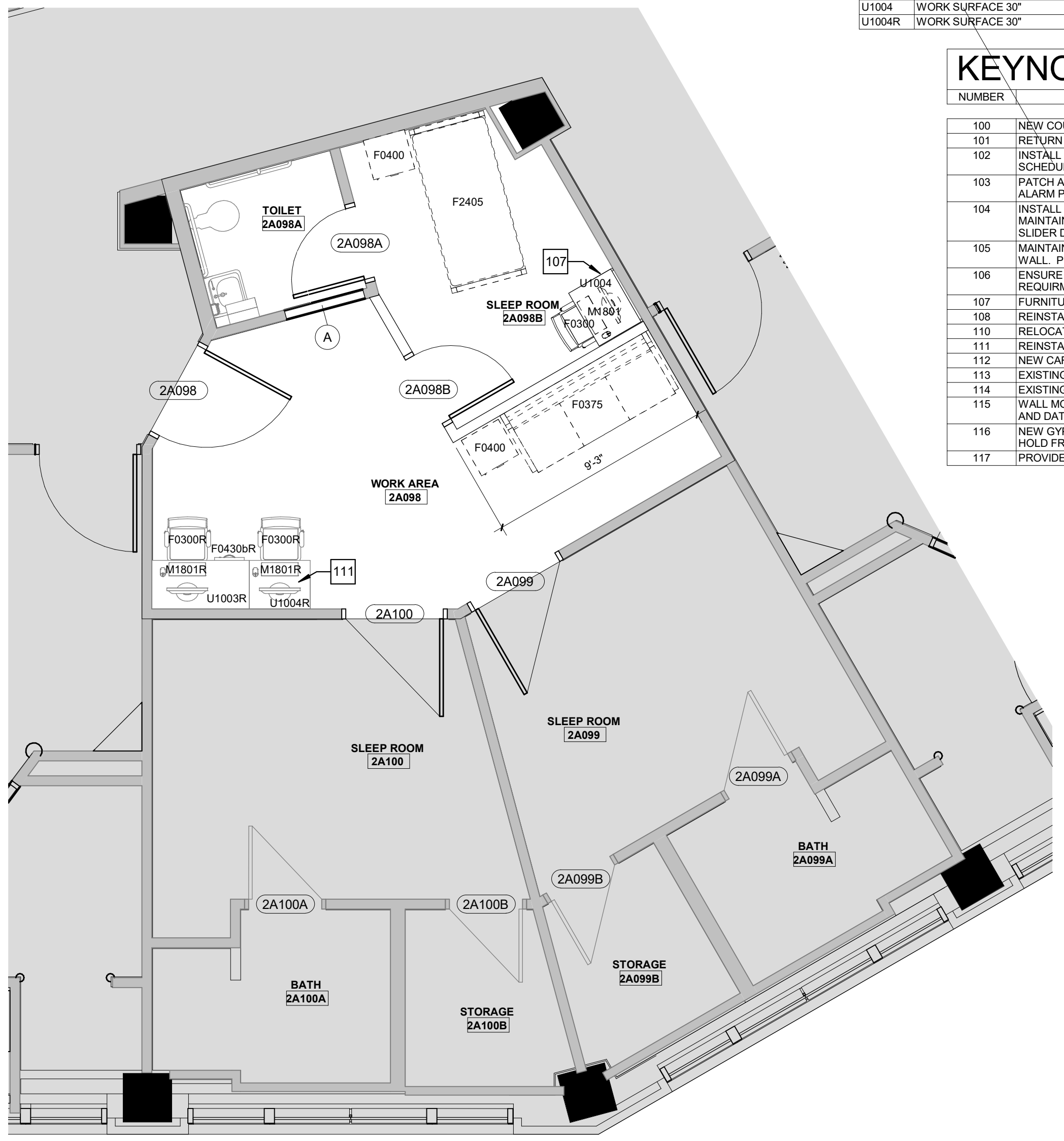
A2.4.1

FFE SCHEDULE WELL BABY

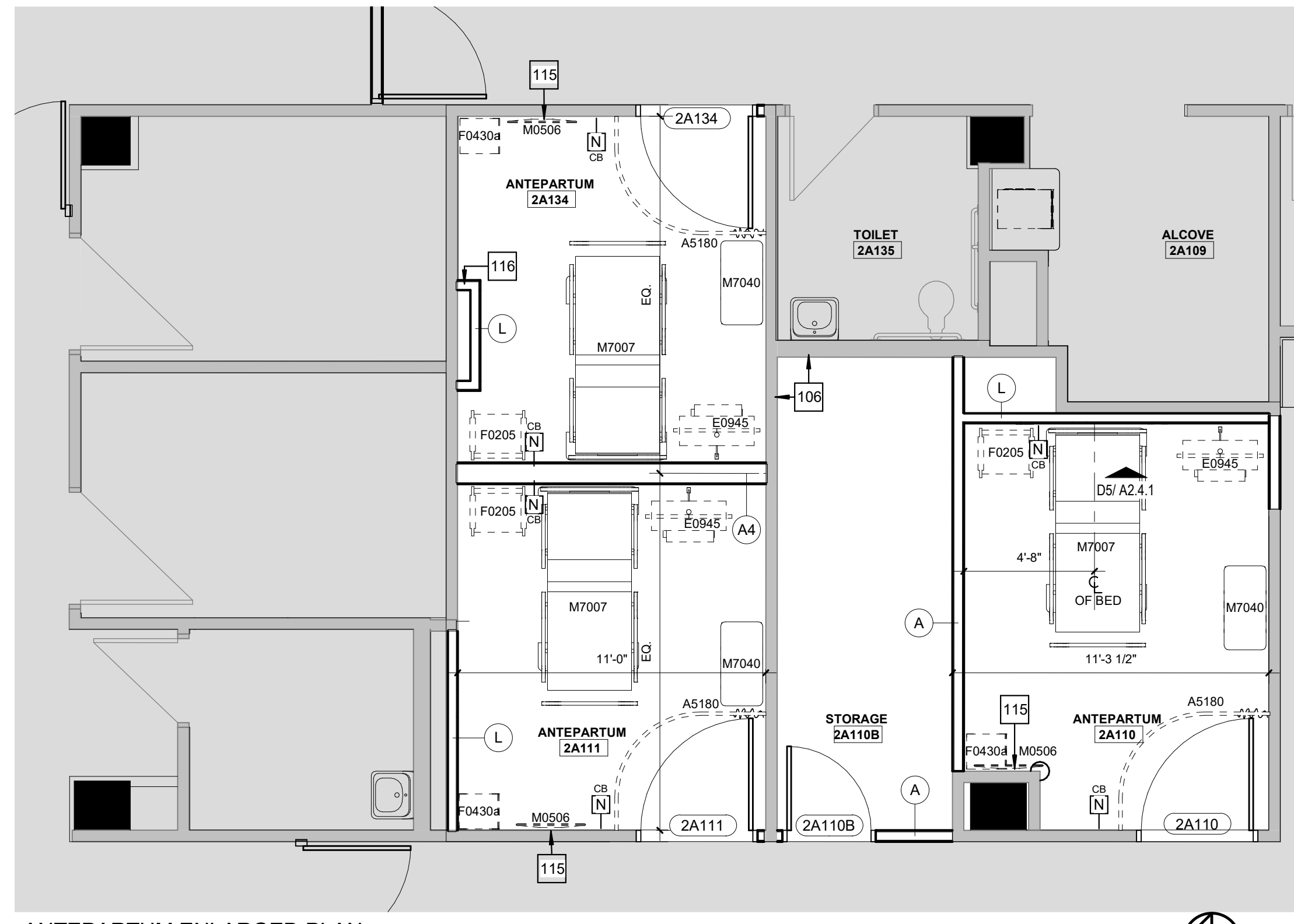
TYPE MARK	DESCRIPTION	RESPONSIBILITY	COMMENTS
A5075	DISPENSER, SOAP	OFCI	RE-INSTALL AFTER RENOVATION IS COMPLETE
A5077	DISPENSER, HAND SANITIZER	OFCI	RE-INSTALL AFTER RENOVATION IS COMPLETE
A5082	DISPENSER, PAPER TOWEL	OFCI	RE-INSTALL AFTER RENOVATION IS COMPLETE
A5107	DISPENSER, GLOVES	OFCI	RE-INSTALL AFTER RENOVATION IS COMPLETE
A5108	SHARPS	OFCI	RE-INSTALL AFTER RENOVATION IS COMPLETE
A6030	VENDING MACHINE	OFCI	RE-INSTALL AFTER RENOVATION IS COMPLETE
E0945	WORKSTATION ON WHEELS	OFCI	RELOCATED FROM EXISTING BREAK ROOM
F0205	SIDE CHAIR, W/ ARMS	OFCI	RELOCATED FROM EXISTING BREAK ROOM
F0225	DINING CHAIR	OFCI	RELOCATED FROM EXISTING BREAK ROOM
F0250	LOUNGE CHAIR	OFCI	RELOCATED FROM EXISTING BREAK ROOM
F0300	CHAIR, TASK, SWIVEL, W/ ARMS	VFVI	PROVIDED BY JOHN A MARSHALL
F0300R	CHAIR, TASK, SWIVEL, W/ ARMS	VFVI	RE-INSTALL AFTER RENOVATION IS COMPLETE
F0375	SOFA	VFVI	RELOCATED FROM EXISTING BREAKROOM
F0400	CABINET, BEDSIDE	VFVI	PROVIDED BY JOHN A MARSHALL
F0430a	MOBILE DRAWER STORAGE	VFVI	PROVIDED BY JOHN A MARSHALL
F0430b	MOBILE BOX BOX FILE	VFVI	PROVIDED BY JOHN A MARSHALL
F0430R	MOBILE BOX BOX FILE	OFCI	RE-INSTALL AFTER RENOVATION IS COMPLETE
F0740	TABLE, 27" X 27"	OFCI	RELOCATED FROM EXISTING WAITING ROOM
F0750	TABLE	OFCI	RELOCATED FROM EXISTING BREAK ROOM
F1010	CHAIR, BAR HEIGHT	VFVI	PROVIDED BY JOHN A MARSHALL
F2017R	WASTE RECEPTACLE	OFCI	RELOCATED FROM EXISTING BREAK ROOM
F2605	BED, SINGLE	OFCI	RELOCATED FROM EXISTING BREAK ROOM
K1552AR	COFFEE, 3 BURNER	OFCI	RELOCATED FROM EXISTING BREAKROOM
K1552R	COFFEE	OFCI	RELOCATED FROM EXISTING BREAKROOM
K4665AR	MICROWAVE	OFCI	RELOCATED FROM EXISTING BREAKROOM
K4665R	MICROWAVE	OFCI	RE-INSTALL AFTER RENOVATION IS COMPLETE
M0506	MONITOR, TELEVISION	OFCI	RELOCATED FROM EXISTING BREAKROOM
M1801	COMPUTER	OFCI	RE-INSTALL AFTER RENOVATION IS COMPLETE
M1801R	COMPUTER	OFCI	RE-INSTALL AFTER RENOVATION IS COMPLETE
M1825	PRINTER ON CART	OFCI	
M2035	WIRE STORAGE RACK	OFCI	
M3150	MEDS TOWER	OFCI	
M3150R	MEDS FRODGE	OFCI	RELOCATED FROM EXISTING BREAKROOM
M7007	BED, PATIENT, ELECTRIC	OFCI	
M7040	TABLE, OVER BED	OFCI	
R7250R	REFRIGERATOR/FREEZER	OFCI	RELOCATED FROM EXISTING BREAKROOM
R7250	REFRIGERATOR/FREEZER	OFCI	
U1000	BASSINET	OFCI	
U1001	WORK SURFACE 60"	VFVI	PROVIDED BY JOHN A MARSHALL
U1003R	WORK SURFACE 48"	VFVI	RE-INSTALL AFTER RENOVATION IS COMPLETE
U1004	WORK SURFACE 30"	VFVI	PROVIDED BY JOHN A MARSHALL
U1004R	WORK SURFACE 30"	VFVI	RE-INSTALL AFTER RENOVATION IS COMPLETE

KEYNOTES - FLOOR PLAN -...

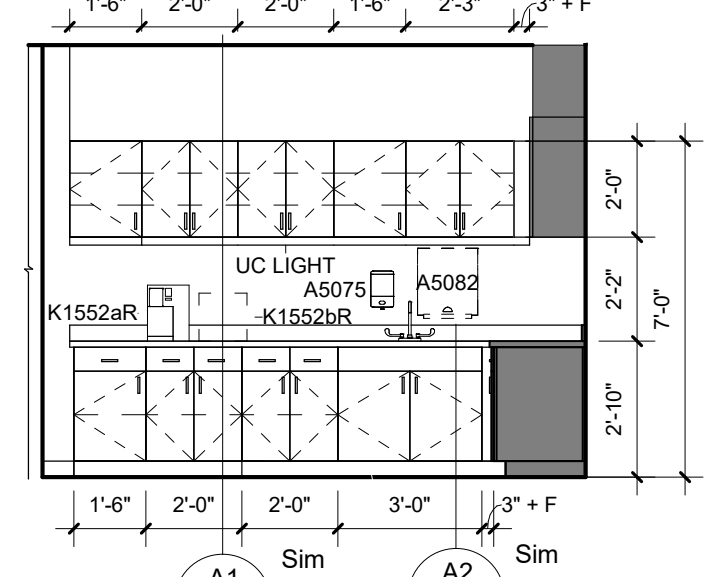
NUMBER	COMMENTS
100	NEW COUNTERTOP AND BRACKETS, RE FINISH SCHEDULE.
101	RETURN WALL TO NEAREST MULLION
102	INSTALL NEW SHEET VINYL FLOORING WITH INTEGRAL 6" BEAD, RE FINISH SCHEDULE.
103	PATCH AND REPAIR WALL AS REQUIRED TO INSTALL NEW AUDIBLE PRESSURE ALARM PANEL.
104	INSTALL SWEEPERS/GASKETS ON EXISTING SLIDER DOOR AS REQUIRED TO MAINTAIN NEGATIVE PRESSURE. INSTALL SWEEPERS/GASKETS ON EXISTING SLIDER DOOR AS REQUIRED TO MAINTAIN NEGATIVE PRESSURE.
105	MAINTAIN FIRE RATED CONSTRUCTION WHERE PLUMBING PENETRATES RATED WALL. PROVIDE UL RATED FIRE COLLAR OR FIRE STOPPING WHERE REQ'D.
106	ENSURE EXISTING WALL IS CONSTRUCTED TO MEET FIRE RATING REQUIREMENTS.
107	FURNITURE SYSTEMS BY JOHN A MARSHALL.
108	REINSTALL EXISTING LOCKERS. PROVIDE NEW CLOSURE PIECE AS NEEDED.
110	RELOCATED TV AND MONITOR. MOUNT CENTER OF MONITORS AT 7'-0" A.F.F.
111	REINSTALL WORKSTATIONS AFTER WORK IS COMPLETE.
112	NEW CARD READER.
113	EXISTING MED-GAS ZONE VALVE BOX.
114	EXISTING AUTO-OPENER.
115	WALL MOUNTED TV MATCH EXISTING ANTEPARTUM HEIGHT. PROVIDE POWER AND DATA.
116	NEW OFF-BED CONSTRUCTION AROUND EXISTING STORM AND SANITARY LINES. HOLD FRAMING TIGHT TO EXISTING PLUMBING SYSTEMS.
117	PROVIDE NEW WINDOW SILL. RE FINISH LEGEND.



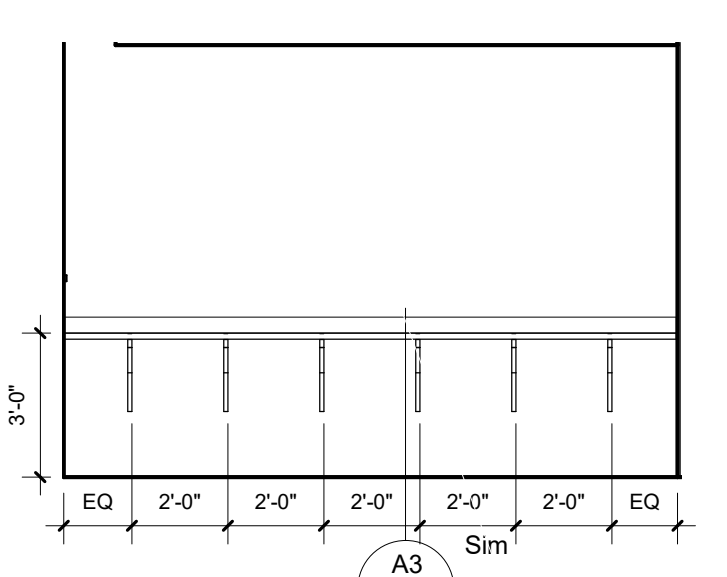
B2 SLEEP ROOM ENLARGED PLAN
1/4" = 1'-0"



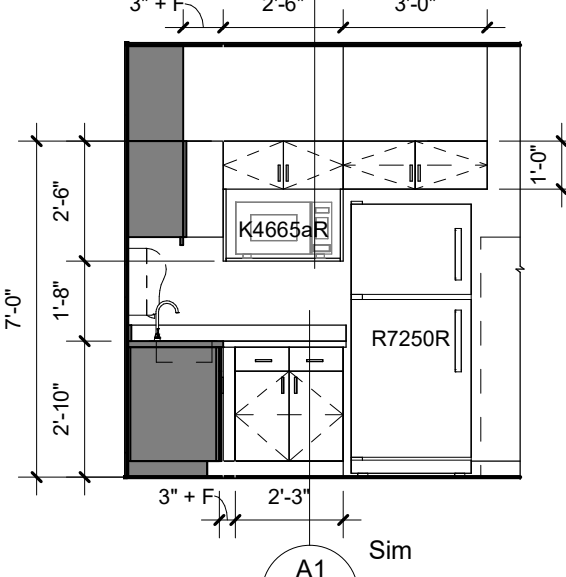
A2 ANTEPARTUM ENLARGED PLAN
1/4" = 1'-0"



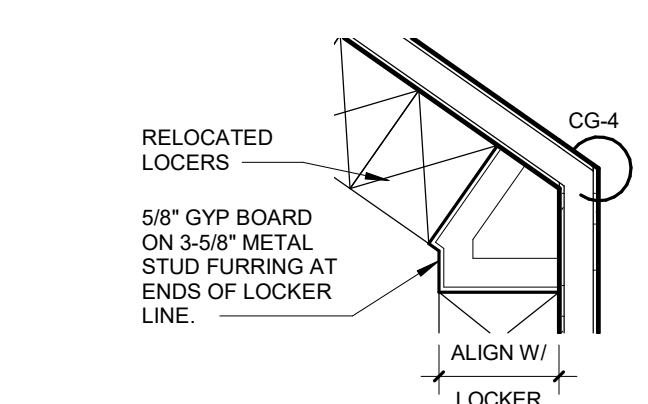
E5 BREAKROOM - WEST
1/4" = 1'-0"



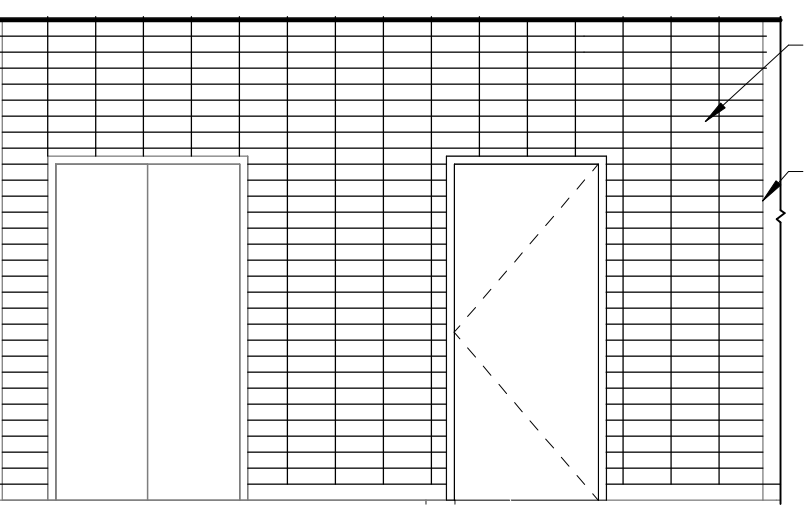
E4 BREAKROOM - EAST
1/4" = 1'-0"



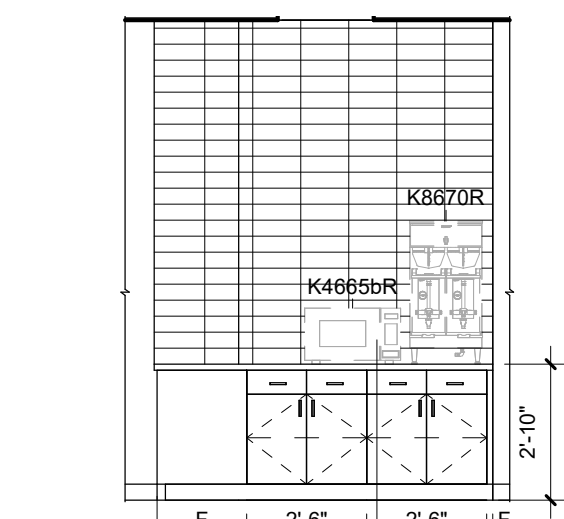
E3 BREAKROOM - NORTH
1/4" = 1'-0"



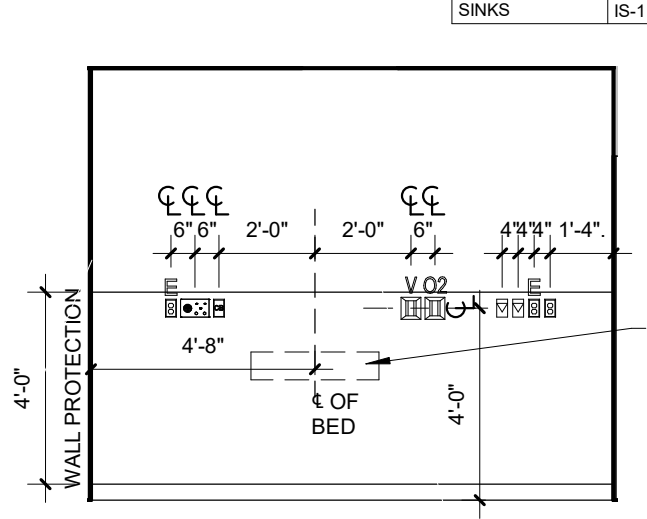
E2 LOCKER BUILD-OUT
1/2" = 1'-0"



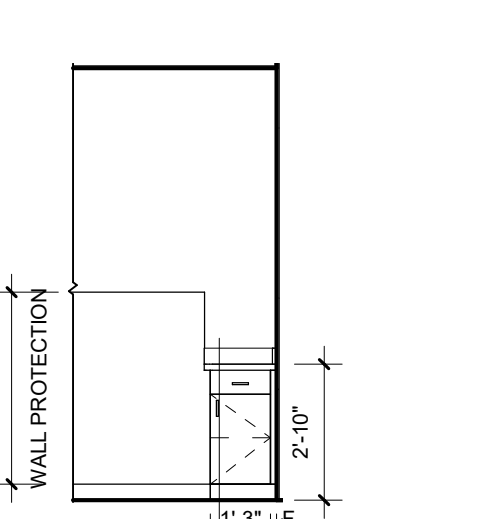
D7 WAITING - SOUTH
1/4" = 1'-0"



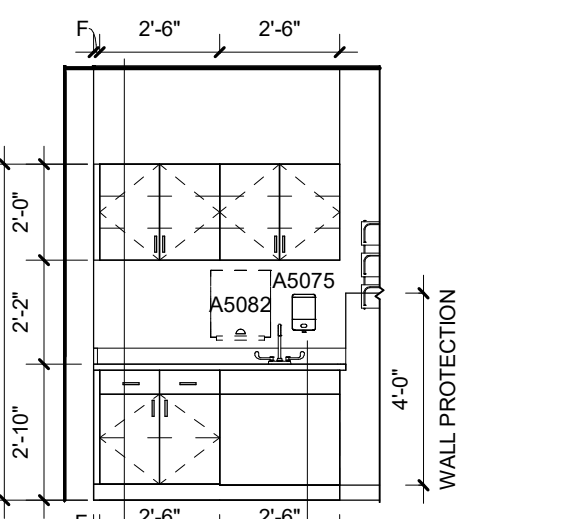
D6 WAITING ROOM - NORTH
1/4" = 1'-0"



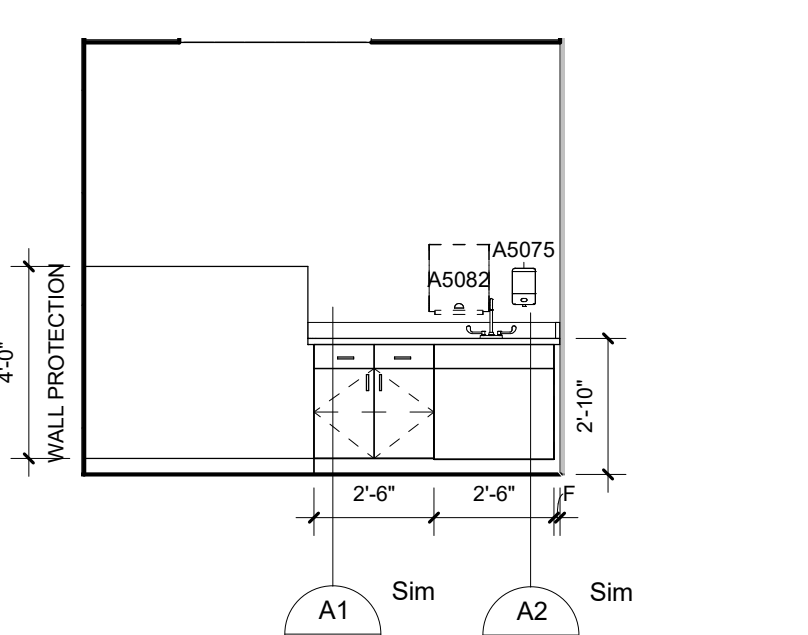
D5 ANTEPARTUM, TYP.
1/4" = 1'-0"



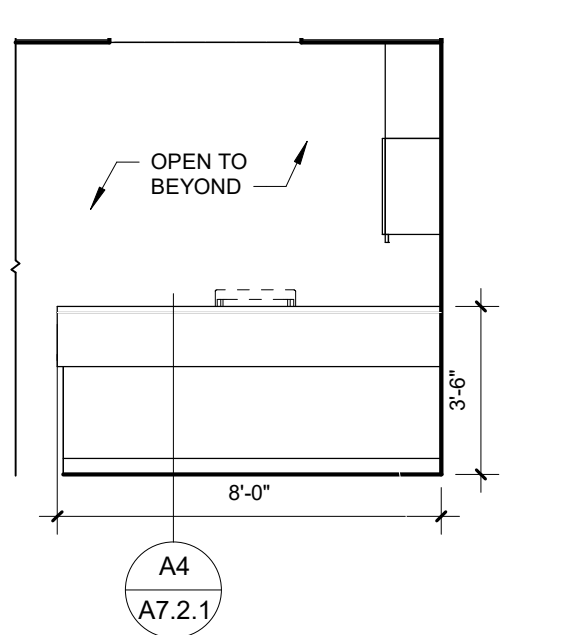
D4 CLEAN - SOUTH
1/4" = 1'-0"



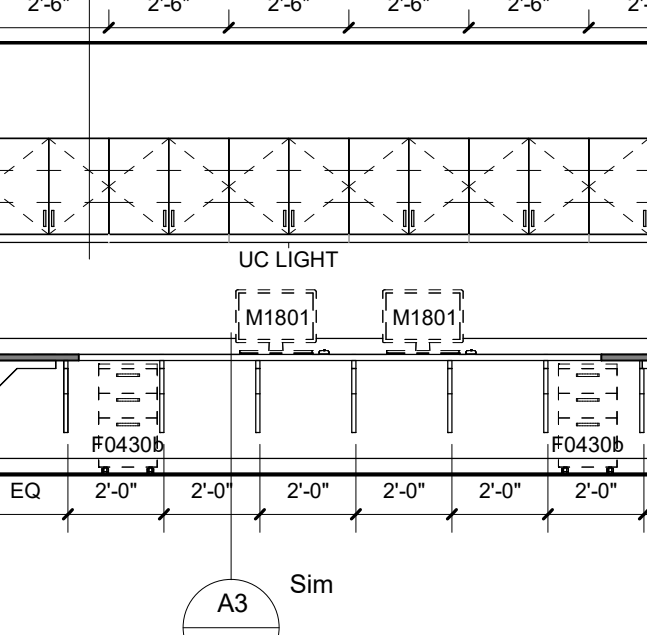
D3 EXAM/CIRCS - SOUTH
1/4" = 1'-0"



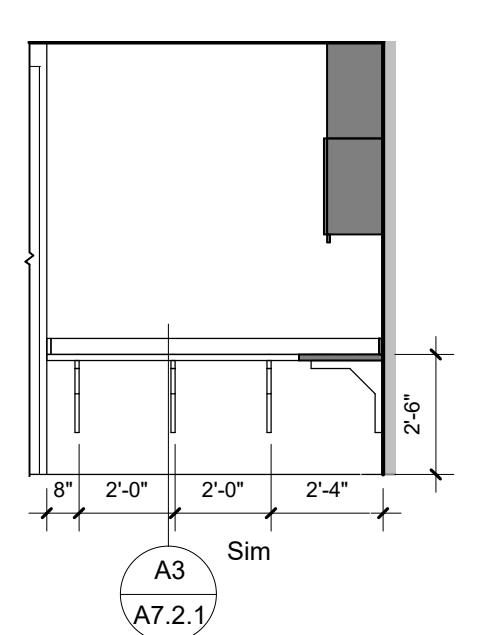
C7 SOIL - SOUTH
1/4" = 1'-0"



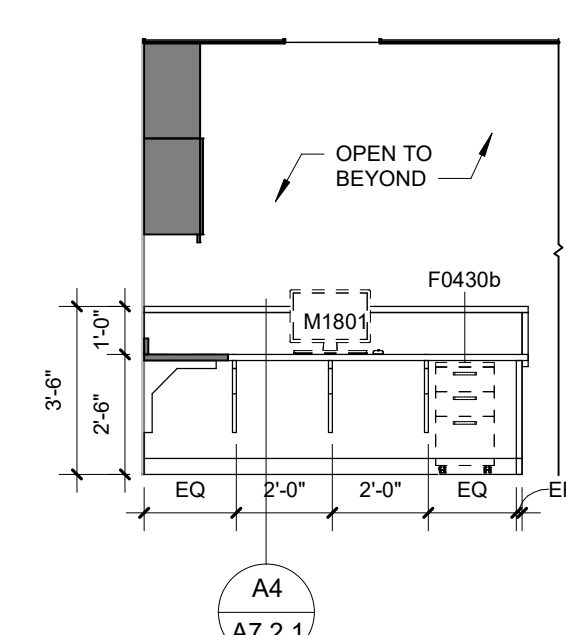
C6 WORK - SOUTH 2
1/4" = 1'-0"



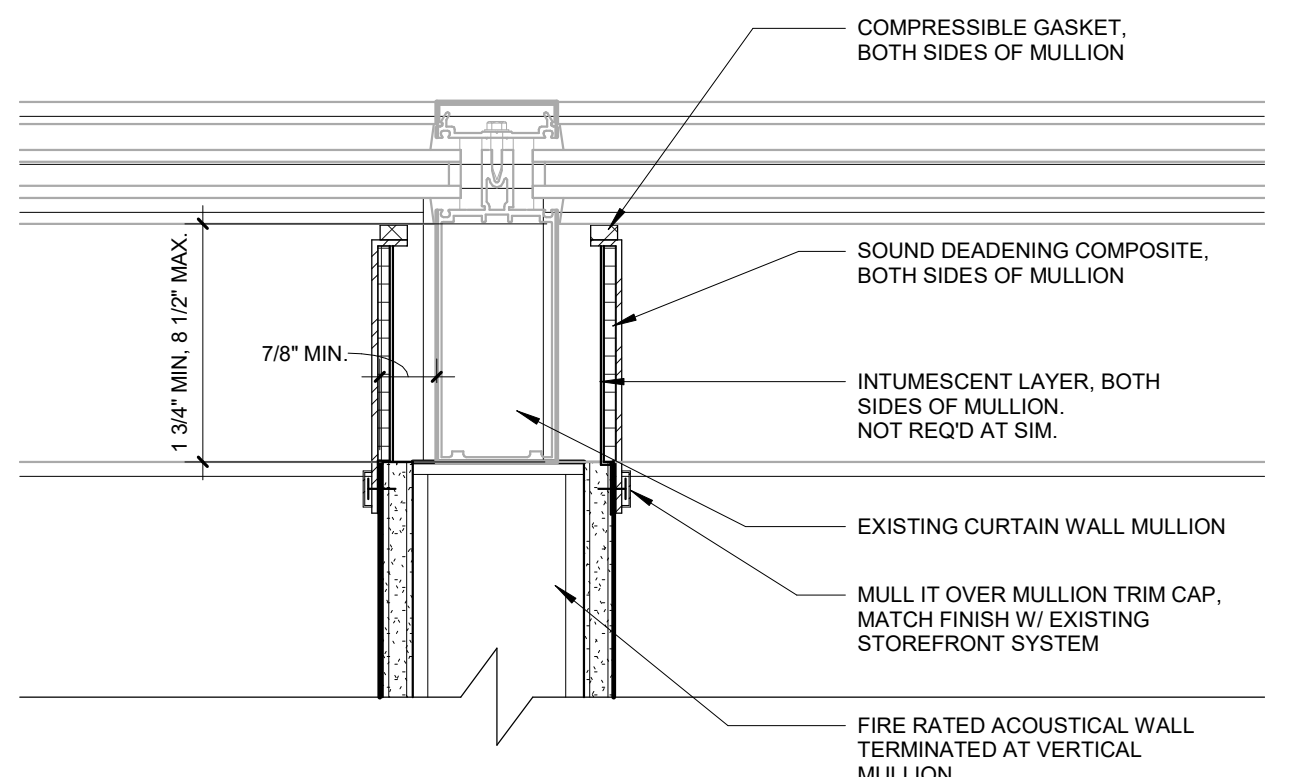
C5 WORK - WEST
1/4" = 1'-0"



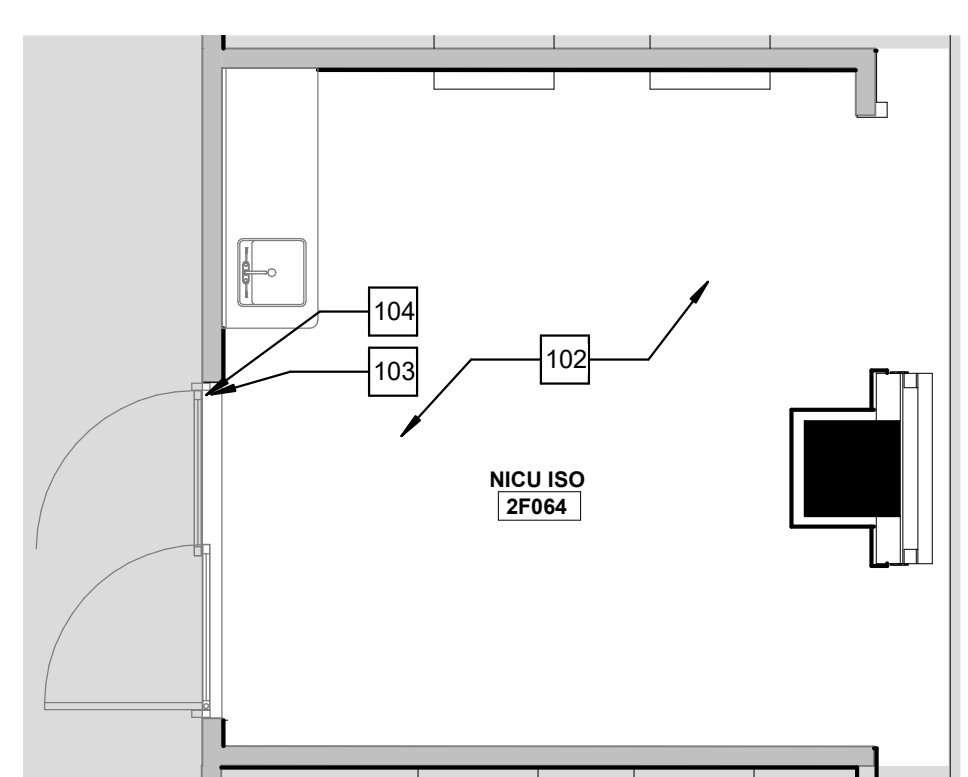
C4 WORK - SOUTH
1/4" = 1'-0"



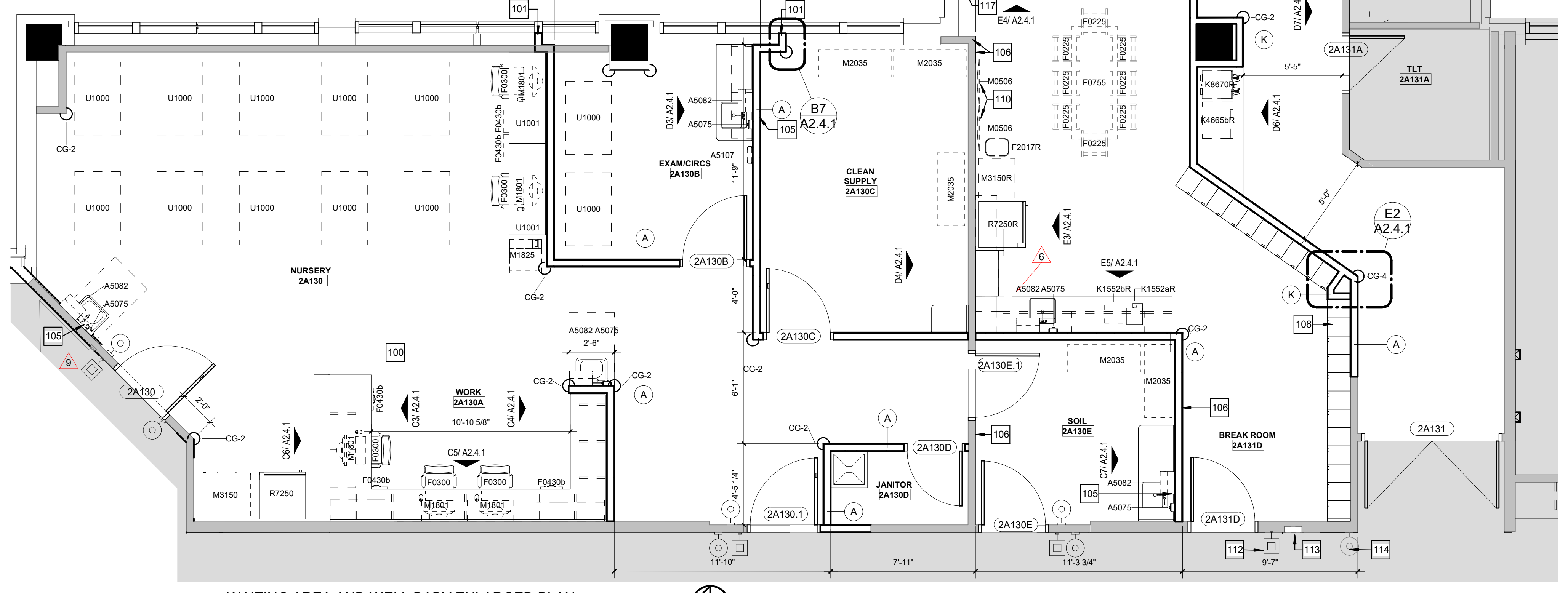
C3 WORK - NORTH
1/4" = 1'-0"



B7 1-HOUR RATED MULLION DETAIL UL WW-S-1039
3" = 1'-0"



B5 ISO ROOM - ENLARGED PLAN
1/4" = 1'-0"



A5 WAITING AREA AND WELL BABY ENLARGED PLAN
1/4" = 1'-0"



DOOR SCHEDULE WELL BABY

DOOR #	ROOM NAME	DOOR INFORMATION		NO. OF LEAVES	UNEQUAL LEAF WIDTH	FRAME INFORMATION		GLAZING	LABEL (MIN)	HARDWARE SET	OPENING DETAIL		REMARKS
		WIDTH	HEIGHT			ELEV.	MATL.				HEAD	JAMB	
2A098	WORK AREA	4'-0"	7'-0"	1		F	WD	1		0 hr	GS		NEW DOOR WITH EXISTING FRAME, AND NEW PUNCH LOCK
2A098A	TOILET	3'-0"	7'-0"	1		ETR		1	HM				RELOCATED DOOR AND HARDWARE FROM DEMO'D SLEEP ROOM
2A099	SLEEP ROOM	3'-0"	7'-0"	1		ETR		1	HM				RELOCATED DOOR AND HARDWARE FROM DEMO'D SLEEP ROOM
2A100	SLEEP ROOM	4'-0"	7'-0"	1		ETR		1	HM				EXISTING DOOR TO REMAIN, INSTALL EXISTING HARDWARE
2A100A	ANTEPARTUM	4'-0"	7'-0"	1		F	WD	1	HM				EXISTING DOOR TO REMAIN, INSTALL NEW PUNCH LOCK
2A101	ANTEPARTUM	4'-0"	7'-0"	1		F	WD	1	HM				STORE ROOM LOCKSET
2A108	STORAGE	3'-0"	7'-0"	1		F	WD	1	HM				
2A111	ANTEPARTUM	4'-0"	7'-0"	1		F	WD	1	HM				
2A130	NURSERY	3'-0"	7'-0"	1		N	WD	1	HM				
2A131	NURSERY	3'-0"	7'-0"	1		N	WD	1	HM				
2A130B	EXAM/CIRS	3'-0"	7'-0"	1		N	WD	1	HM				
2A130C	CLEAN SUPPLY	3'-0"	7'-0"	1		N	WD	1	HM				
2A130D	JANITOR	3'-0"	7'-0"	1		F	WD	1	HM				
2A130E	SOIL	3'-0"	7'-0"	1		F	WD	1	HM				
2A130F	SOIL	3'-0"	7'-0"	1		F	WD	1	HM				
2A131	CORRIDOR	3'-0"	7'-0"	2		N	WD	2	HM				
2A131A	TLT	3'-0"	7'-0"	1		F	WD	1	HM				
2A131D	BREAK ROOM	3'-0"	7'-0"	1		F	WD	1	HM				
2A134	ANTEPARTUM	4'-0"	7'-0"	1		F	WD	1	HM				

HARDWARE SET #01
DOOR NUMBER: 2A130, 2A130A, 2A130E, 2A130F

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	HINGE	5881HW	626	VE
1	STOREROOM LOCK	NB0LD RHO	626	SCH
1	CYLINDER BY OWNER	626	SCH	
1	ELECTRIC STRIKE	6211 FSE 12/16/24/28 VAC/VDC	630	VON
1	AUTO OPERATOR	4000 LSE SERIES	689	HOR
1	PRESSENCE SENSOR	4888BK PSA	630	HOR
1	WALL STOP	WS406407CCV	630	IVE
1	ARMOR PLATE	4888BK PSA	630	HOR
1	WALL ACTUATOR	WS406407CCV	630	IVE
1	GASKETING	4888BK PSA	630	HOR
1	DOOR CONTACT	679-05	BK	ZER
1	NOTE	CARD ACCESS BY SECURITY	WHT	SCE
1	NOTE	LOW VOLTAGE POWER BY SECURITY	BIO	BIO
1	NOTE	WIRING DIAGRAM BY SECURITY	BIO	BIO

HARDWARE SET #02
DOOR NUMBER: 2A110B, 2A130D

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	HINGE	5881HW	626	VE
1	CLASSROOM LOCK	NB0LD RHO	626	SCH
1	WALL STOP	8400 10" X 2" LDW B-CS	630	IVE
1	KICKPLATE	WS406407CCV	630	IVE
3	SILENCER @ 2A130D	896	GRY	VE
1	GASKETS @ 2A130D	7885-BK	BK	ZER

HARDWARE SET #04
DOOR NUMBER: 2A131D

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	HINGE	5881HW	626	VE
1	STOREROOM LOCK	NB0LD RHO	626	SCH
1	CYLINDER BY OWNER	626	SCH	
1	ELECTRIC STRIKE	6211 FSE 12/16/24/28 VAC/VDC	630	VON
1	SURFACE CLOSER	4040XP	689	LCN
1	WALL STOP	WS406407CCV	630	IVE
1	WALL STOP	WS406407CCV	630	IVE
1	DOOR CONTACT	679-05	BK	ZER
1	NOTE	CARD ACCESS BY SECURITY	WHT	SCE
1	NOTE	LOW VOLTAGE POWER BY SECURITY	BIO	BIO
1	NOTE	WIRING DIAGRAM BY SECURITY	BIO	BIO

HARDWARE SET #05
DOOR NUMBER: 2A098, 2A100

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	HINGE	5881HW	626	VE
1	PUNCH LOCK	CO100CY90KP (MATCH EXISTING)	626	SCH
1	CYLINDER BY OWNER	626	SCH	
1	WALL STOP	WS406407CCV	630	IVE
1	SILENCER	896	GRY	VE

DOOR & FRAME MAT'L LEGEND

HM	HOLLOW METAL
WD	SOLID CORE WOOD
ETR	EXISTING TO REMAIN
T	1/4" CLEAR TEMPERED GLAZING

NOTES:
1. ALL EXISTING DOOR HARDWARE TO BE SALVAGED AND RE-INSTALLED.
2. FIELD VERIFY ALL DOOR ELEVATION TYPE AND MATCH EXISTING. REPLACE ALL WOOD DOORS IN AREA OF WORK TO UPDATED STANDARDS.

ROOM FINISH SCHEDULE - WELL BABY

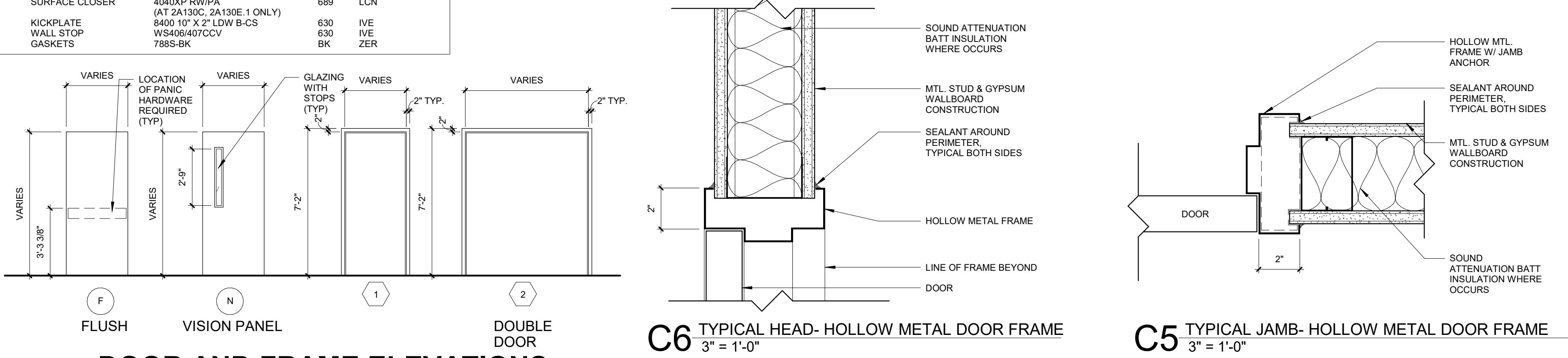
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALLS				CASEWORK		COUNTERTOPS	SINKS	CEILING	NOTES
				NORTH	EAST	SOUTH	WEST	BASE CABINETS	WALL CABINETS				
2A098	WORK AREA	PTM	PTM	PT-1	PT-1	PT-1	PT-1					ETR	
2A098A	TOILET	ETR	MATCH	PT-1A	PT-1A	PT-1A	PT-1A					ETR	
2A098B	SLEEP ROOM	LVF-1	RB-2	PT-1	PT-1	PT-1	PT-1					ACT-1	
2A110	ANTEPARTUM	RSF-3	RB-1	PT-1 / WP-2	PT-1A / WP-2	PT-1 / WP-2	PT-1 / WP-2					ACT-1	
2A110B	STORAGE	LVF-2	RB-2	PT-1 / WP-2	PT-1A / WP-2	PT-1 / WP-2	PT-1 / WP-2					ACT-1	
2A111	ANTEPARTUM	RSF-3	RB-1	PT-1 / WP-2	PT-1A / WP-2	PT-1 / WP-2	PT-1 / WP-2					ACT-1	
2A130	NURSERY	RSF-3.5	IB-5	PT-1.8 / WP-2	PT-1.8 / WP-2	PT-1.8 / WP-2	PT-1.8 / WP-2					ACT-1	
2A130A	WORK	RSF-3.5	IB-5	PT-1.8 / WP-2	PT-1.8 / WP-2	PT-1.8 / WP-2	PT-1.8 / WP-2					ACT-1	
2A130B	EXAM/CIRS	RSF-3.5	IB-5	PT-1 / WP-2	PT-1 / WP-2	PT-1 / WP-2	PT-1 / WP-2	PLAM-1	PLAM-1	SSF-1	SSF-1	IB-1	ACT-1
2A130C	CLEAN SUPPLY	RSF-1	IB-1	PT-1A / WP-2	PT-1A / WP-2	PT-1A / WP-2	PT-1A / WP-2	PLAM-1	PLAM-1	SSF-1	SSF-1	IB-1	ACT-2
2A130D	JANITOR	RSF-1	IB-1	PT-1A / WP-2	PT-1A / WP-2	PT-1A / WP-2	PT-1A / WP-2	PLAM-1	PLAM-1	SSF-1	SSF-1	IB-1	ACT-2
2A130E	SOIL	LVF-1	RB-1	PT-1 / WP-2	PT-1A / WP-2	PT-1 / WP-2	PT-1 / WP-2	PLAM-1	PLAM-1	SSF-1	SSF-1	IB-1	ACT-1
2A130F	SOIL	LVF-1	RB-1	PT-1 / WP-2	PT-1A / WP-2	PT-1 / WP-2	PT-1 / WP-2	PLAM-1	PLAM-1	SSF-1	SSF-1	IB-1	ACT-1
2A131	WAITING	LVF-1	RB-1	PT-1 / WP-2	PT-1 / WP-2	PT-1 / WP-2	PT-1 / WP-2	PLAM-1	PLAM-1	SSF-1	SSF-1	IB-1	ACT-1
2A131D	BREAK ROOM	LVF-1	RB-1	PT-1 / WP-2	PT-1 / WP-2	PT-1 / WP-2	PT-1 / WP-2	PLAM-1	PLAM-1	SSF-1	SSF-1	IB-1	ACT-1
2A134	ANTEPARTUM	RSF-3	RB-2	PT-1 / WP-2	PT-1 / WP-2	PT-1 / WP-2	PT-1 / WP-2	PLAM-1	PLAM-1	SSF-1	SSF-1	IB-1	ACT-1
2A098A	TOILET	ETR	MATCH	PT-1	PT-1	PT-1	PT-1	ETR	ETR	ETR	ETR	ACT-2	

SPECIFIC ROOM FINISH SCHEDULE - WELL BABY

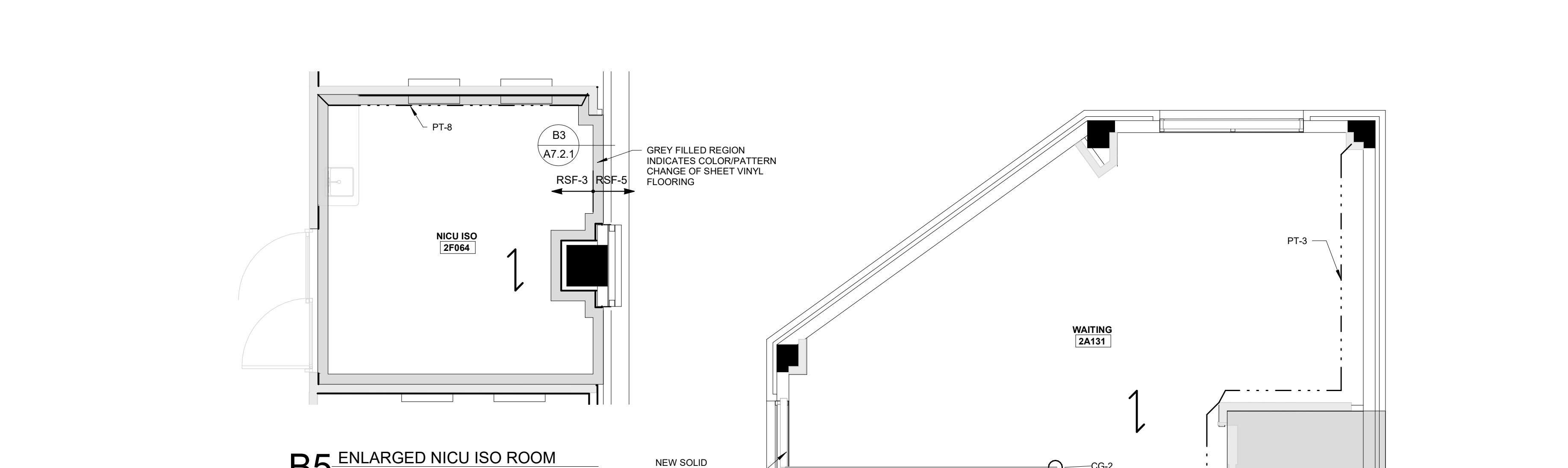
1. TRANSACTION TOP TO BE QTZ-1. COUNTERTOP TO BE SSF-1.

GENERAL ROOM FINISH SCHEDULE NOTES

- A. REFER TO FINISH PLAN AND INTERIOR ELEVATIONS FOR WALL FINISHES, WALL PROTECTION, CORNER GUARDS, WINDOW TREATMENTS, FLOOR FINISH APPLICATION AND LOCATIONS
- B. ALL SOLID WOOD, WOOD VENEER, AND PLASTIC LAMINATE GRAIN SHALL BE VERTICALLY ORIENTED UNLESS OTHERWISE NOTED
- C. DOOR FRAMES, HOLLOW METAL WINDOW FRAMES TO BE PT-1 UNLESS OTHERWISE NOTED
- D. ALL FACES AND UNDERSIDES OF SOFFITS AND HEADERS TO BE PT-1 UNLESS OTHERWISE NOTED
- E. WALL EXPANSION JOINTS TO BE PT-1 UNLESS OTHERWISE NOTED
- F. ALL ELECTRICAL PANELS AND METAL GRILES SHALL BE PTD TO MATCH ADJACENT WALL SURFACE UNLESS OTHERWISE NOTED
- G. ALL COLUMN SURROUND FINISHES TO BE PT-1 UNLESS OTHERWISE NOTED
- H. WHERE A WALL IS INDICATED TO HAVE PARTIAL OR FULL HT WALL PROTECTION, THE ENTIRE WALL IS TO BE PTD PRIOR TO WALL PROTECTION INSTALLATION
- I. EXTEND ALL FINISHES BENEATH BEHIND, AROUND ALL CASEWORK, EQUIPMENT, STORAGE, ETC.
- J. ALL WINDOW SILLS TO BE SSF-2
- K. ALL SST SINKS, RE. MEP
- L. SUBMIT SAMPLES OF ALL FINISHES TO ARCHITECT FOR REVIEW PRIOR TO THE ORDERING OF MATERIAL
- M. NO IRREGULARITIES OR IMPERFECTIONS SHALL BE PRESENT IN ANY OF THE MATERIAL. BE INSTALLED. IF SUCH ITEMS ARE IDENTIFIED DURING APPLICATION, WORK SHALL BE STOPPED AND THE ARCHITECT NOTIFIED
- N. PROVIDE ALL MAINTENANCE MANUALS AND WARRANTY INFORMATION FOR EACH FINISH MATERIAL TO OWNER AT COMPLETION OF THE PROJECT
- O. FURNISH ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO COMPLETE WORK OF FINISH APPLICATIONS
- P. ALL FINISHES SHALL BE INSTALLED AND MAINTAINED PER MANUFACTURER'S RECOMMENDATION AND INDUSTRY STANDARD
- Q. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINING AND CONFIRMING ALL SUBSTRATE CONDITIONS WHERE NEW MATERIALS ARE APPLIED. SUBSTRATE SHALL BE SMOOTH, FREE OF DEFECTS AND SHALL CONFORM TO THE REQUIREMENTS OF THE FINISHED MATERIAL MANUFACTURER'S RECOMMENDATIONS.
- R. ALL MATERIAL TO COMPLY WITH FLAME SPREAD CLASSIFICATION EITHER CLASS (1) ONE OR CLASS A DEPENDING ON GOVERNING CODE IN EFFECT.
- S. SMOKE DEVELOPMENT RATING < 450 FOR ALL FINISHES.

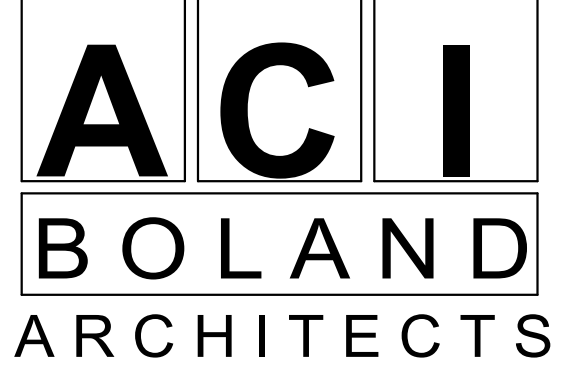
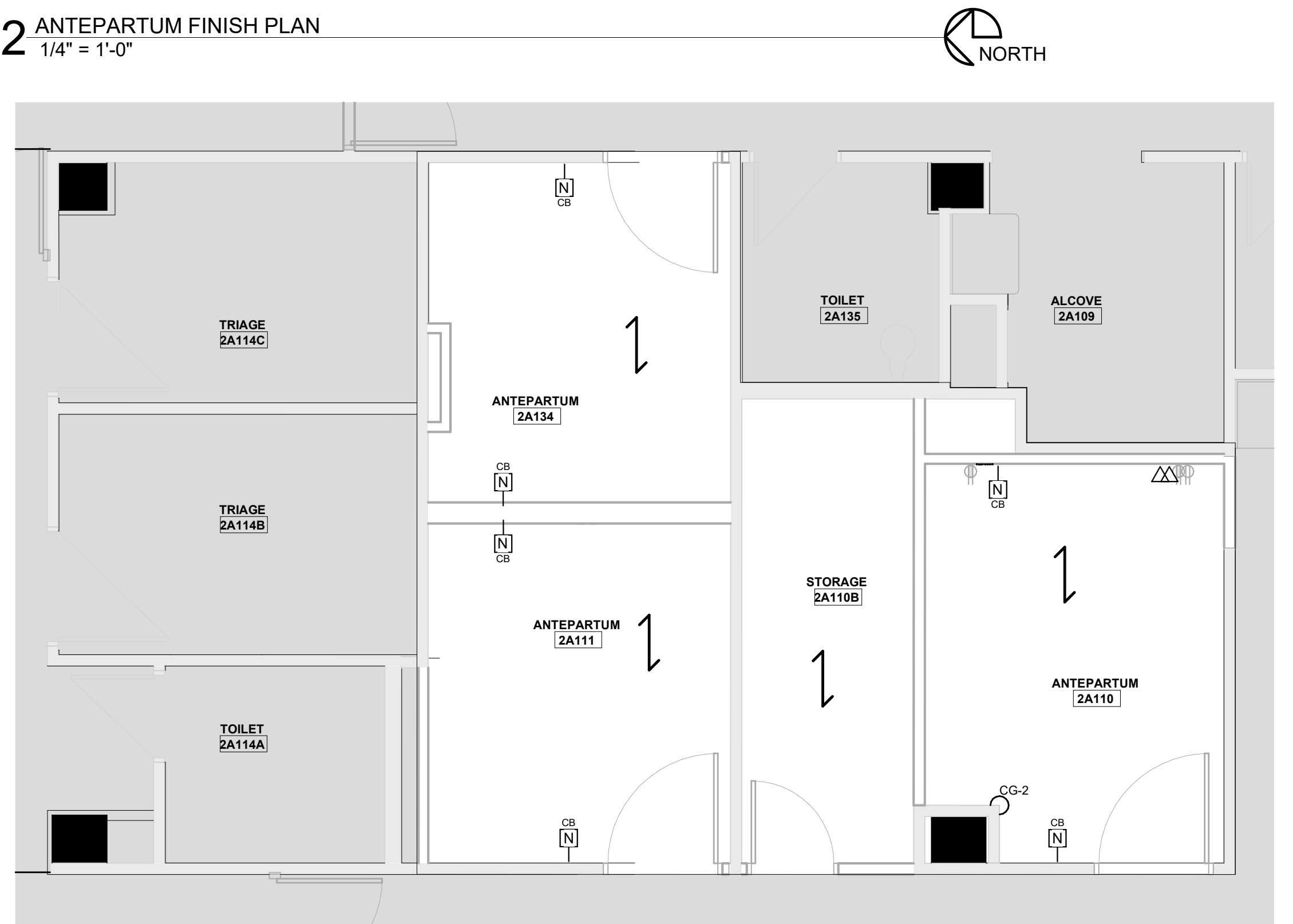
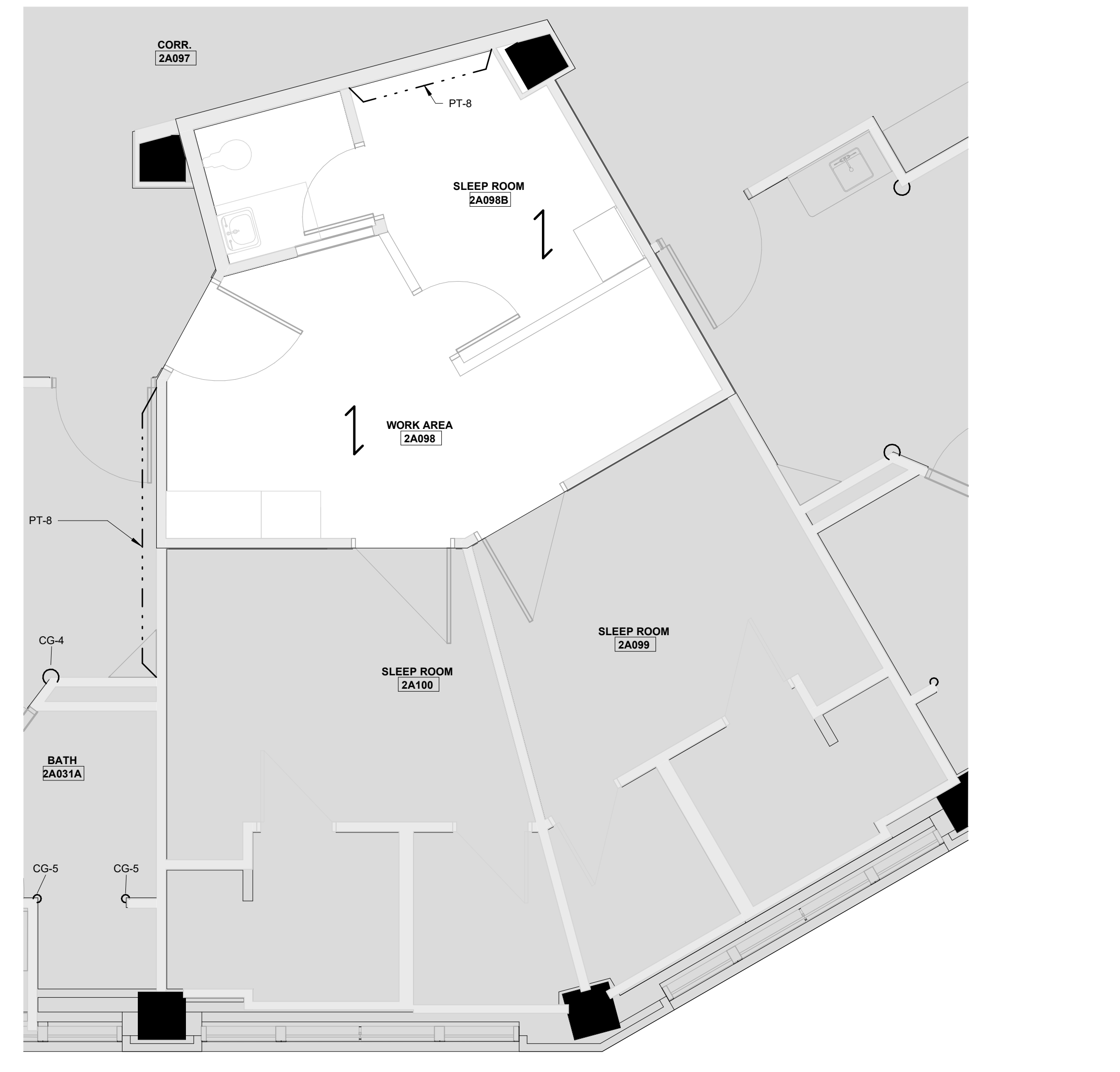


DOOR AND FRAME ELEVATIONS:



INTERIOR FINISH LEGEND - WELL BABY

Mark	ITEM	MANUFACTURER	MODEL/PATTERN	COLOR	SIZE	REMARKS
LVF-1	LUXURY VINYL TILE	MANNINGTON	AMTICO WOOD	REGENCY WALNUT ARW8200	4 1/2" X 36"	STRAIGHT EDGE ONLY. RANDOM OFFSET INSTALLATION.
LVF-2	LUXURY VINYL TILE	MANNINGTON	AMTICO STONE	CORINTHIAN MARBLE ARDSTV13	18" X 18"	STRAIGHT EDGE ONLY. GRAIN. ASHLAR INSTALL.
RSF-1	RESILIENT SHEET FLOORING	ARMSTRONG	MEDITONE, DIAMOND 10	IH5311 - NATURAL WHITE	6'-0" ROLL	WELD ROD W/525. HOMOGENEOUS FLOORING
RSF-2	RESILIENT SHEET FLOORING	ARMSTRONG	REJUVENATIONS TIMBERLINE, DIAMOND 10	37527 MAPLE LANE MAPLE SYRUP	6'-0" ROLL	WELD ROD W/525 OAK LEVEL. HEADER. HETEROGENEOUS FLOORING
RSF-5	RESILIENT SHEET FLOORING	ARMSTRONG	MEDITONE, DIAMOND 10	H5422 WALNUT	6'-0" ROLL	HOMOGENEOUS FLOORING
IB-1	INTEGRAL BASE	ARMSTRONG	MEDITONE, DIAMOND 10	IH5311 - NATURAL WHITE	6" COVE	1/2" MOLD SCHLUTER STRIP AT THE TOP. TO BE USED WITH RSF-1
IB-5	INTEGRAL BASE	ARMSTRONG	MEDITONE, DIAMOND 10	H5422 WALNUT	6" COVE	1/2" MOLD SCHLUTER STRIP AT THE TOP. TO BE USED WITH RSF-5
RB-1	RESILIENT BASE	ARMSTRONG	Pinnacle PLUS, PROFILE #65	I129 DOLPHIN	4'-0"	ALL CAMPUSES - PUBLIC SPACES
RB-2	RESILIENT BASE	ARMSTRONG	Pinnacle PLUS, PROFILE #65	I129 DOLPHIN	4'-0"	
CG-2	CORNER GUARDS	CIS ACROVYN	SM-20AN-ACROVYN-4000	#933 MISSION WHITE	3"	90 DEGREE. ABOVE BASE TO CEILING. INCLUDE ALL TRIM AND ACCESSORY PIECES
CG-4	CORNER GUARDS	CIS ACROVYN	SM-20AN-ACROVYN-4000	#933 MISSION WHITE	3" X 3"	SURFACE. 135 DEGREE. ABOVE BASE TO CEILING. INCLUDE ALL TRIM AND ACCESSORY PIECES
CWT-1	CERAMIC WALL TILE	VIRGINIA TILE	AMERICAN CLEAN COLOR STORY	ICE WHITE POLISHED	4" X 12"	STACKED INSTALLATION. USE GT-1
PT-1/PT-1A	PAINT/POXY PAINT	SHERWIN WILLIAMS	EGGSHELL FINISH / EPOXY FINISH	SW7008 ALABASTER		FIELD PAINT
PT-3/PT-3A	PAINT/POXY PAINT	SHERWIN WILLIAMS	EGGSHELL FINISH / EPOXY FINISH	SW7770 EARL GREY		ACCENT PAINT
PT-4	PAINT	SHERWIN WILLIAMS	SEMI-GLOSS FINISH	SW7746 ANONYMOUS		ALL HOLLOW METAL DOOR AND WINDOW FRAMES
PT-4/PT-4A	PAINT/POXY PAINT	SHERWIN WILLIAMS	EGGSHELL FINISH / EPOXY FINISH	SW7621 SILVERSLAT		ACCENT PAINT
WP-2	WALL PROTECTION	CIS ACROVYN	ACROVYN 4000	#933 MISSION WHITE	4" X 10' SHEETS, .040" THICK	WALL PROTECTION AT 48" AFF. INCLUDE ALL ACCESSORIES AND TRIM PIECES
EB-1	EDGE BANDING	DOELLKEN	8707ES	REFER TO SPEC		
IB-1	INTEGRAL SINK	CORIAN		WALNUT HEIGHTS		3MM
PLAM-1	PLASTIC LAMINATE	WILSONART	#795K-12	WALNUT HEIGHTS		CUSTOM 3MM PVC DOELLKEN WALNUT HEIGHTS 8707ES. RUN VERTICALLY
QTZ-1	QUARTZ	CAMBRU		DARKINGTON		55" X 120" SLAB
SSF-1	SOLID SURFACE	CORIAN		CLAM SHELL		120" X 144" SHEET; 3/8" X 1/4" BEVEL
SSF-2	SOLID SURFACE	CORIAN		BONE		120" X 144" SHEET; 3/8" X 1/4" BEVEL
CEILING						
ACT-1	ACOUSTIC CEILING TILE	USG	RADAR CLIMA PLUS #2210	WHITE	2' X 2'	SQUARE EDGE, DONN DX TEE 15/16" GRID SYSTEM
ACT-2	ACOUSTIC CEILING TILE	USG	CLEAN ROOM CLIMA PLUS CLASS 100 #50999 (LUMPERFORATED)	WHITE	2' X 2'	VINYL FACED W/ SQUARE EDGE, DONN DX 15/16" TEE GRID SYSTEM
MISC.						
ETR	EXISTING TO REMAIN					
GT-1	GROUT	MAPEI				
PTM	PATCH TO MATCH			ULTRACOLOR PLUS	#11 SAHARA BEIGE	MINIMAL GROUT LINES



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Saint Luke's East Hospital
MOTHER BABY FINISH UPGRADES
100 NE Saint Luke's Blvd
Lee's Summit, MO 64086

Date: 10/1/2021
Job Number: 3-21004
Drawn By: Author
Checked By: Checker

Number	Date	Description
4	10/1/21	ASI #4
10	05/13/22	ASI #10



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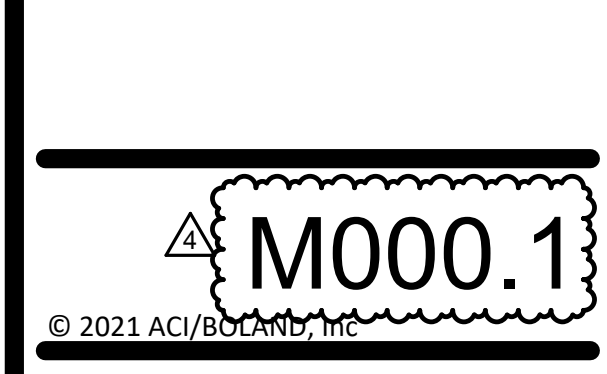


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Date 04/15/2021
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Drawn By MJL
Checked By BEH

Revision
Number Date Description
4 10/01/21 ASI #4



PIPING GENERAL NOTES:

1. THE SIZE OF BRANCH PIPING TO TERMINAL HEATING DEVICES AND COILS SHALL BE 3/4" UNLESS NOTED OTHERWISE.
2. PIPE DRAIN LINES FROM EQUIPMENT TO NEAREST FLOOR DRAIN.
3. INSTALL ALL REFRIGERANT LIQUID AND SUCTION PIPING SIZED PER EQUIPMENT MANUFACTURER RECOMMENDATIONS.

VENTILATION GENERAL NOTES:

1. UNLESS NOTED OTHERWISE, THE SIZE OF EACH BRANCH DUCT TO A TERMINAL AIR BOX (TAB) SHALL MATCH THE INLET SIZE UNLESS THE BRANCH IS GREATER THAN FIFTEEN (15) FEET IN LENGTH, IN WHICH CASE THE BRANCH DUCT SHALL BE SIZED AT A PRESSURE DROP OF 0.07" W.C. PER 100' OF DUCTWORK.
2. UNLESS NOTED OTHERWISE, THE SIZE OF EACH BRANCH DUCT TO AN AIR TERMINAL SHALL MATCH THE INLET SIZE.
3. ALIGN TEMPERATURE SENSORS WITH LIGHT SWITCHES AND WHEN IN CLOSE PROXIMITY TO EACH OTHER.
4. PROVIDE ACCESS DOORS AT ALL DUCT MOUNTED EQUIPMENT.
5. EXISTING AIR INLET AND OUTLET CFM SHOWN ON DRAWINGS ARE FROM EXISTING DRAWINGS, AND ARE FOR REFERENCE ONLY. CONTRACTOR SHALL USE PRE-BALANCE VALUES, AND NOT EXISTING CFM SHOWN ON DRAWINGS.
6. CONTRACTOR MAY REUSE PORTIONS OF EXISTING DUCT PROVIDED SIZES AND PRESSURE CLASSES ARE CORRECT. DUCT IS THOROUGHLY CLEANED AND FREE OF DEFECTS, AND ALL TRANSVERSE JOINTS, LONGITUDINAL SEAMS, AND DUCT WALL PENETRATIONS ARE SEALED AS SPECIFIED FOR NEW DUCTWORK.

MECHANICAL GENERAL NOTES:

- THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, MEDICAL GAS, VENTILATION, PIPING AND TEMPERATURE CONTROL.
1. DRAWINGS SHOWING LOCATIONS OF EQUIPMENT, DUCTWORK, PIPING, ETC. ARE DIAGRAMMATIC AND MAY NOT ALWAYS REFLECT EXACT INSTALLATION CONDITIONS. DRAWINGS SHOW THE GENERAL ARRANGEMENT OF DUCTWORK, PIPING, EQUIPMENT, ETC., AND MAY NOT INCLUDE ALL OFFSETS AND FITTINGS REQUIRED FOR COMPLETE INSTALLATION. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING CONSTRUCTION AND THE WORK OF OTHERS WILL PERMIT.
 2. DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CLEARANCES FROM ARCHITECTURAL, STRUCTURAL, SUBMITTALS, AND OTHER APPROPRIATE DRAWINGS OR PHYSICALLY AT SITE. REVIEW ALL DRAWINGS, INCLUDING THOSE OF OTHER TRADES, COORDINATE ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION TO PROVIDE CLEARANCES REQUIRED FOR OPERATION, MAINTENANCE, CODE COMPLIANCE, AND TO VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF NECESSARY CLEARANCES FOR ALL TRADES. BRING ANY INTERFERENCES OR CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH FABRICATION OR EQUIPMENT ORDERS.
 3. REVIEW SPACE REQUIREMENTS OF EQUIPMENT SPECIFIED OR SUBSTITUTED AND MAKE REASONABLE ACCOMMODATIONS IN LAYOUT AND POSITIONING TO PROVIDE PROPER ACCESS.
 4. ANY CHANGES REQUIRED TO ELIMINATE CONFLICTS OR THAT RESULT FROM A FAILURE TO COORDINATE SHALL BE MADE BY THE CONTRACTOR WITHOUT ADDITIONAL COST OR EXPENSE TO OTHERS.
 5. EACH CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH ELECTRICAL CHANGES REQUIRED FOR EQUIPMENT PROPOSED THAT DIFFERS FROM THE BASIS OF DESIGN.
 6. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN, ELECTRICAL, TECHNOLOGY AUDIOVISUAL, AND OTHER MECHANICAL PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES, OTHER THAN SPRINKLERS.
 7. EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO WALLS, FLOORS, CEILINGS, AND ROOFS. THE CONTRACTOR WHOSE WORK CAUSES DAMAGE IS RESPONSIBLE FOR PATCHING TO MATCH ORIGINAL CONSTRUCTION, FIRE RATING, AND FINISH.
 8. IN AREAS WITH DRYWALL CEILINGS COORDINATE LOCATIONS OF ACCESS PANELS WITH THE GC FOR ACCESS TO VALVES, DUCTWORK ACCESSORIES, DAMPERS, ETC. COORDINATE PANEL TYPE AND COLOR WITH ARCHITECT. NOTIFY THE GC OF THE REQUIRED ACCESS PANELS PRIOR TO BIDDING.
 9. SEAL ALL FLOOR, WALL, PENETRATIONS AIRTIGHT WHERE CONDUCED, PIPING, AND DUCTS PENETRATE.
 10. CAULK ALL PIPE AND DUCT PENETRATIONS OF FULL HEIGHT NON-FIRE RATED WALL, PARTITION, FLOOR, AND ROOF ASSEMBLIES. THIS IS ESSENTIAL TO PREVENT NOISE TRANSMISSION FROM ONE ROOM TO ANOTHER AND TO PROVIDE THE DESIRED NC LEVELS WITHIN ROOMS.
 11. WHERE PIPES AND DUCTS ARE SHOWN TO PENETRATE FLOORS, PROVIDE SLEEVED OPENINGS WITH THE TOP EDGE RAISED ABOVE FLOOR SURFACE IN ACCORDANCE WITH ALL RELEVANT SPEC SECTIONS. SEAL SLEEVE PERIMETER TO BE WATERTIGHT.
 12. EQUIPMENT SIZES AND SERVICE CLEARANCE REQUIREMENTS VARY AMONG DIFFERENT MANUFACTURERS. CONSULT APPROVED SHOP DRAWINGS FOR EQUIPMENT SIZES AND REQUIRED SERVICE CLEARANCES. COORDINATE WITH LAYOUT OF EQUIPMENT PADS, PIPING, DUCTWORK, ETC.
 13. DO NOT BLOCK TUBE PULL OR EQUIPMENT SERVICE CLEARANCES.
 14. MAINTAIN MINIMUM 3'-6" CLEARANCE IN FRONT OF ALL ELECTRICAL PANELS, MOTOR STARTERS, SWITCHES, AND DISCONNECTS.
 15. PROVIDE CONCRETE EQUIPMENT PAD FOR ALL FLOOR MOUNTED EQUIPMENT. PAD SHALL EXTEND MINIMUM 6" BEYOND ALL SIDES OF EQUIPMENT.
 16. DO NOT SUPPORT EQUIPMENT, PIPING, OR DUCTWORK FROM METAL DECKING OR OTHER NON-STRUCTURAL BUILDING ELEMENTS. ANCHORS EMBEDDED IN CONCRETE SHALL BE CRACKED CONCRETE APPROVED IN ACCORDANCE WITH SPECIFICATIONS.

MECHANICAL RENOVATION NOTES:

- THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, MEDICAL GAS, VENTILATION, PIPING AND TEMPERATURE CONTROL.
1. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
 2. NOT ALL EXISTING DUCTWORK AND PIPING IS SHOWN. VERIFY EXISTING CONDITIONS BEFORE STARTING WORK. NOTIFY ENGINEER OF ANY CONFLICTS WITH NEW WORK.
 3. FIELD VERIFY THE AVAILABLE CLEARANCES FOR DUCTWORK AND PIPING BEFORE FABRICATION. RISES AND DROPS MAY BE NECESSARY BECAUSE OF EXISTING FIELD CONDITIONS.
 4. EACH CONTRACTOR SHALL FIELD VERIFY ACCESSIBILITY TO THE AREA OF HISHER WORK AND SHALL NOTIFY THE PRIOR TO BIDDING IF OTHER UTILITIES ARE REQUIRED TO BE REMOVED OR RELOCATED TO ALLOW ACCESS TO HISHER AREA OF WORK.
 5. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CUTTING, REMOVAL AND PATCHING OF ROOFS, WALLS, AND FLOORS ASSOCIATED WITH WORK BY ALL CONTRACTORS. CONTRACTORS SHALL NOTIFY THE GC OF AFFECTED AREAS PRIOR TO BIDDING.
 6. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF CEILINGS, CEILING TILES, AND CEILING GRIDS ASSOCIATED WITH AREAS OF WORK BY ALL CONTRACTORS. NOTIFY THE GENERAL CONTRACTOR OF AFFECTED AREAS PRIOR TO BIDDING.
 7. WHERE EXISTING MECHANICAL SYSTEMS ARE LOCATED IN AREAS THAT CONFLICT WITH NEW EQUIPMENT, PIPING, OR DUCTWORK TO BE INSTALLED, EACH CONTRACTOR SHALL EITHER ARRANGE NEW EQUIPMENT, PIPING, OR DUCTWORK IN SUCH A FASHION THAT IT DOES NOT CONFLICT WITH EXISTING SYSTEMS, OR REWORK EXISTING MECHANICAL SYSTEMS TO ALLOW FOR INSTALLATION OF NEW EQUIPMENT, PIPING, OR DUCTWORK. PROVIDE TEMPORARY CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING CONSTRUCTION. MAINTAIN ACCESS TO EXISTING MECHANICAL INSTALLATIONS THAT REMAIN ACTIVE.
 8. OBTAIN PERMISSION FROM OWNER BEFORE SHUTTING DOWN ANY SYSTEM FOR ANY REASON. MAINTAIN SERVICE TO ALL COMPONENTS THAT ARE TO REMAIN UNTIL NEW SYSTEMS ARE INSTALLED.
 9. MAINTAIN EXISTING SYSTEM IN SERVICE UNTIL NEW SYSTEM IS COMPLETE AND READY FOR TIE IN AND SWITCHOVER. DRAIN SYSTEM ONLY TO MAKE SWITCHOVERS AND CONNECTIONS. OBTAIN PERMISSION FROM OWNER BEFORE PARTIALLY OR COMPLETELY DRAINING SYSTEM. MAKE CHANGEOVER TO NEW SYSTEMS WITH MINIMUM OUTAGE.

MECHANICAL PHASING NOTES:

- THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, MEDICAL GAS, VENTILATION, PIPING AND TEMPERATURE CONTROL.
1. REFER TO ARCHITECTURAL DRAWINGS FOR GENERAL DESCRIPTION OF PHASES. REFER TO GENERAL CONTRACTOR'S INSTRUCTIONS FOR MORE DETAILS AND PHASING SCHEDULES AND FOR CONCURRENT WORK. MECHANICAL, ELECTRICAL AND TECHNOLOGY DRAWINGS DEPICT THE INTENT OF THE FINAL DESIGN. THE MECHANICAL, ELECTRICAL, AND TECHNOLOGY DRAWINGS DO NOT DEPICT THE MEANS AND METHODS TO MEET THE REQUIREMENTS OF THE PHASING CRITERIA.
 2. REVIEW PROJECT PHASING PLANS TO COORDINATE DEMOLITION WORK, OUTAGES, ETC. WITH AFFECTED ADJACENT AREAS.
 3. PROVIDE TEMPORARY DUCTWORK, PIPING, SHUTOFF VALVES, ZONE VALVES, ZONE ALARMS, ETC. AS NEEDED TO MAINTAIN SERVICE TO ALL AREAS DURING ALL PHASES OF PROJECT.
 4. INSTALL TEMPORARY DUCTWORK, PIPING, SHUTOFF VALVES, ETC. AS NECESSARY TO KEEP ALL OCCUPIED SPACES OPERATIONAL THROUGHOUT ALL PHASES OF THE PROJECT.
 5. PHASE DEMOLITION WORK TO MINIMIZE DOWNTIME.

TAB PRE-DEMOLITION NOTES:

1. BEFORE ANY DEMOLITION WORK IS BEGUN A COMPLETE AIR BALANCE TEST SHALL BE PERFORMED BY THE TESTING, ADJUSTING AND BALANCING (TAB) CONTRACTOR ON EXISTING AIR HANDLERS AND EXHAUST FANS SERVING THE AREAS AFFECTED BY CONSTRUCTION. EQUIPMENT TO BE DEMOLISHED DOES NOT REQUIRE TESTING. PROVIDE AIR BALANCE TESTING ONLY ON EQUIPMENT THAT WILL CONTINUE TO BE USED TO SERVE RENOVATED AREAS AFTER THE CONSTRUCTION PHASE IS COMPLETED.
2. PROVIDE DUCT TRAVERSE READINGS AT LOCATIONS DESIGNATED ON THE DRAWINGS BY THE "AIRFLOW MEASUREMENT SYMBOL". THOSE MEASUREMENTS SHALL BE INCLUDED IN THE PRE-DEMOLITION REPORT AND SHALL BE DESIGNATED WITH THE IDENTIFIER AS MARKED ON THE DRAWINGS. READINGS SHALL BE DESIGNATED WITH THE ROOM NAME AND NUMBER AS MARKED ON THE DRAWINGS. IF FLOOR PLANS DO NOT HAVE UNIQUE ROOM NAMES AND NUMBERS, TAB CONTRACTOR SHALL INCLUDE FLOOR PLANS WITH UNIQUE NUMBER DESIGNATIONS ASSIGNED TO TRAVERSES, GRILLES, AND DIFFUSERS THAT MATCH THOSE USED IN THE FINAL PRE-DEMOLITION REPORT. DRAWINGS THAT ARE HAND-MARKED WITH RED INK ARE ACCEPTABLE PROVIDED THEY ARE LEGIBLE.
3. IN THE EVENT A DUCT TRAVERSE LOCATION AS MARKED ON THIS PLAN IS INACCESSIBLE FOR MEASUREMENT, THE TAB CONTRACTOR SHALL PERFORM THE TRAVERSE AT AN ALTERNATE LOCATION OR SHALL TAKE MULTIPLE DUCT TRAVERSES AND/OR READINGS AS REQUIRED TO DETERMINE THE AIRFLOW READING WHERE THE DUCT TRAVERSE SYMBOL IS SHOWN. IN THE EVENT TRAVERSES ARE TAKEN AT ALTERNATE LOCATION(S), TAB CONTRACTOR SHALL INCLUDE A DRAWING THAT SHOWS THE LOCATIONS WHERE THE ACTUAL MEASUREMENTS WERE TAKEN.
4. TAKE A DUCT STATIC PRESSURE READING AT EACH LOCATION WHERE A DUCT TRAVERSE IS TAKEN AND INCLUDE IN THE FINAL PRE-DEMOLITION TAB REPORT.
5. TAB CONTRACTOR SHALL COMPLETE AND SUBMIT FOUR COPIES OF THE FINAL PRE-DEMOLITION REPORT WITHIN 10 WORKING DAYS AFTER THE FIELD MEASUREMENTS ARE COMPLETED. FINAL TAB REPORT SHALL BE SUBMITTED FOR REVIEW TO THE ARCHITECT/ENGINEER. TESTING SHALL INCLUDE ALL ITEMS REQUIRED IN THE SPECIFICATIONS.
6. TAB CONTRACTOR SHALL PROVIDE DUCT TRAVERSE READINGS AT LOCATIONS DESIGNATED ON THE DRAWINGS BY THE "AIRFLOW MEASUREMENT SYMBOL". THOSE MEASUREMENTS SHALL BE INCLUDED IN THE POST-CONSTRUCTION REPORT AND SHALL BE DESIGNATED WITH THE IDENTIFIER AS MARKED ON THE CONSTRUCTION DRAWINGS. GRILLE AND DIFFUSER READINGS SHALL BE DESIGNATED WITH THE ROOM NAME AND NUMBER AS MARKED ON THE DRAWINGS. IF THE DRAWINGS DO NOT HAVE UNIQUE ROOM NAMES AND NUMBERS, TAB CONTRACTOR SHALL INCLUDE FLOOR PLANS WITH UNIQUE NUMBER DESIGNATIONS ASSIGNED TO TRAVERSES, GRILLES, AND DIFFUSERS THAT MATCH THOSE USED IN THE FINAL PRE-DEMOLITION REPORT. SIMILAR ROOM NAMES, NUMBERS, OR DESIGNATIONS SHALL BE USED TO SIMPLIFY THE CROSS-REFERENCING OF READINGS TAKEN BETWEEN PRE-DEMOLITION AND POST-CONSTRUCTION REPORTS.
7. BALANCING CONTRACTOR SHALL PRE-BALANCE ALL EXISTING SYSTEMS TO REMAIN PER SPECIFICATION SECTION 25.05.93. BALANCE READINGS WILL BE REQUIRED AT AIR OUTLETS AND DUCT TRAVERSES TO VERIFY EXISTING AIRFLOW TO UNAFFECTED SPACES.

TAB POST-CONSTRUCTION NOTES:

1. AFTER CONSTRUCTION ACTIVITIES ARE COMPLETE, TESTING, ADJUSTING (TAB) AND BALANCING CONTRACTOR SHALL REBALANCE AIR HANDLING UNITS AND EXHAUST FANS AS REQUIRED TO ACHIEVE THE NEW AIRFLOW VALUES SHOWN ON THE CONSTRUCTION DRAWINGS.
2. AREAS SERVED BY THIS EQUIPMENT WHICH WERE NOT RENOVATED SHALL BE RE-BALANCED TO THE AIRFLOW RATES MEASURED BEFORE THE RENOVATION OCCURRED (REFER TO THE FINAL PRE-DEMOLITION REPORT).
3. IF DUCT TRAVERSE LOCATION AS MARKED ON THE DRAWINGS IS INACCESSIBLE FOR MEASUREMENT, THE TAB CONTRACTOR SHALL PERFORM THE TRAVERSE AT AN ALTERNATE LOCATION OR SHALL TAKE MULTIPLE DUCT TRAVERSES AND/OR GRILLE READINGS AS REQUIRED TO DETERMINE THE FLOW RATE. IN THE EVENT TRAVERSES ARE TAKEN AT AN ALTERNATE LOCATION(S), TAB CONTRACTOR SHALL INCLUDE A DRAWING THAT SHOWS THE LOCATIONS WHERE THE ACTUAL MEASUREMENTS WERE TAKEN.
4. A DUCT STATIC PRESSURE READING SHALL BE TAKEN AT EACH LOCATION WHERE A DUCT TRAVERSE READING IS TAKEN AND SHALL BE INCLUDED IN THE FINAL POST-CONSTRUCTION TAB REPORT.
5. TAB CONTRACTOR SHALL COMPLETE AND SUBMIT COPIES OF THE FINAL POST-CONSTRUCTION TAB REPORT AS REQUIRED BY SECTION 25.05.93.
6. THE FINAL POST CONSTRUCTION REPORT SHALL INCLUDE ALL ITEMS REQUIRED IN THE SPECIFICATIONS.

MECHANICAL SYMBOL LIST

NOT ALL SYMBOLS MAY APPLY.

SYMBOL:	DESCRIPTION:
	DIRECTION OF AIR FLOW
	FLEXIBLE DUCT
	MANUAL VOLUME DAMPER
	RISE IN DIRECTION OF AIR FLOW
	DROP IN DIRECTION OF AIR FLOW
	DUCT GAP
	DUCT DOWN
	DUCT UP
	SUPPLY/OUTSIDE AIR DUCT SECTION
	AIR SUPPLY AIR DUCT SECTION
	EXHAUST/RELIEF AIR DUCT SECTION
	4-WAY DIFFUSER WITH BLANKOFF IN ONE DIRECTION
	AIR TERMINAL PROPERTIES SYMBOL NECK SIZE/CFM
	TERMINAL AIR BOX (REFER TO SCHEDULE)
	TERMINAL AIR BOX w/REHEAT COIL (REFER TO SCHEDULE)
	FAN POWERED TERMINAL AIR BOX w/REHEAT COIL (REFER TO SCHEDULE)
	HUMIDIFIER
	OPPOSED BLADE DAMPER (REFER TO SCHEDULE)
	PARALLEL BLADE DAMPER (REFER TO SCHEDULE)
	DIFFERENTIAL PRESSURE SENSOR
	HUMIDISTAT SENSOR
	HUMIDISTAT / SENSOR
	CARBON MONOXIDE SENSOR
	CARBON DIOXIDE SENSOR
	OCCUPANCY SENSOR
	PRESSURE SENSOR/MONITOR
	PRESSURE SENSOR (DUCT MOUNTED)
	THERMISTAT/SENSOR
	TEMPERATURE SENSOR
	THERMISTAT/SENSOR WITH HEAVY DUTY ENCLOSURE
	TEMPERATURE SENSOR WITH WELL
	THERMOMETER WITH WELL (DIAL TYPE)
	THERMOMETER WITH WELL (FILLED TYPE)
	AIRFLOW MEASUREMENT SYMBOL XX - AHU SYMBOL Y - SEQUENTIAL NUMBER

MECHANICAL ABBREVIATION KEY

ABBR:	DESCRIPTION:
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
C	COMMON
CO	CLEANOUT
QFSD	CONTROL FIRE/SMOKE DAMPER
DPG (0-2)	DIFFERENTIAL PRESSURE GAUGE (RANGE)
DPS	DIFFERENTIAL PRESSURE SWITCH
EA	EXHAUST/RELIEF AIR
ECFSD	EXISTING CONTROL FIRE SMOKE DAMPER
EFD	EXISTING FIRE DAMPER
EFSD	EXISTING FIRE SMOKE DAMPER
EP	ELECTRICAL TO PNEUMATIC VALVE
ESD	EXISTING SMOKE DAMPER
FD	FIRE DAMPER
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
FSD	FIRE/SMOKE DAMPER
MA	MIXED AIR
MV	MIXING VALVE
N.C.	NORMALLY CLOSED
NIC	NOT IN CONTRACT
N.O.	NORMALLY OPEN
OA	OUTSIDE AIR
PS	PRESSURE SWITCH
RA	RETURN AIR
SA	SUPPLY AIR
SCCR	SHORT CIRCUIT CURRENT RATING
SD	SMOKE DAMPER
TAB	TERMINAL AIR BOX
TD	TRANSFER DUCT
TYP	TYPICAL
UC-1	DOOR UNDERCUT BY OTHERS (1" TYPICAL)
UNO	UNLESS NOTED OTHERWISE

MECHANICAL SYMBOL LIST

NOT ALL SYMBOLS MAY APPLY.

SYMBOL:	DESCRIPTION:
	BOILER BLOW DOWN
	BOILER FEED WATER
	COMPRESSED AIR
	CHILLED BEAM RETURN
	CHILLED BEAM SUPPLY
	CONDENSER WATER RETURN
	CONDENSER WATER SUPPLY
	CLEAN STEAM - NUMBER INDICATES PRESSURE IN PSIG.
	CHILLED WATER RETURN
	CHILLED WATER SUPPLY
	DRAIN
	NATURAL GAS
	GAS REGULATOR VENT
	GLYCOL WATER RETURN
	GLYCOL WATER SUPPLY
	HEATING/CHILLED WATER RETURN
	HEATING/CHILLED WATER SUPPLY
	REFRIGERANT HOT GAS
	HIGH PRESSURE CONDENSATE
	HIGH PRESSURE STEAM
	HEATING WATER RETURN
	HEATING WATER SUPPLY
	LOW PRESSURE CLEAN STEAM
	REFRIGERANT LIQUID
	LOW PRESSURE CONDENSATE
	LOW PRESSURE STEAM
	LOOP WATER RETURN
	LOOP WATER SUPPLY
	MEDICAL VACUUM
	OIL RETURN
	OIL SUPPLY
	PUMPED CONDENSATE
	PUMPED DISCHARGE
	RADIANT COOLING RETURN
	RADIANT COOLING SUPPLY
	REHEAT WATER RETURN
	REHEAT WATER SUPPLY
	REFRIGERANT SUCTION
	SAFETY RELIEF VENT
	LAB VACUUM
	PIPE CAP
	PIPE DOWN
	PIPE UP OR UP/DOWN
	PITCH PIPE IN DIRECTION
	DIRECTION OF FLOW IN PIPE
	DILECTRIC CONNECTION
	UNION/FLANGE
	SHUTOFF VALVE NORMALLY OPEN
	SHUTOFF VALVE NORMALLY CLOSED
	THROTTLING VALVE
	BALANCING VALVE (NUMBER INDICATES GPM)
	AUTOMATIC BALANCING VALVE
	MIXING VALVE
	CONTROL VALVE (THREE-WAY)
	CONTROL VALVE (TWO-WAY)
	SOLENOID VALVE
	CHECK VALVE
	BACKFLOW PREVENTER
	SAFETY/RELIEF VALVE
	PRESSURE REDUCING VALVE (LIQUID/GAS)
	PRESSURE REDUCING VALVE (STEAM)
	TRIPLE DUTY VALVE (ANGLE TYPE)
	TRIPLE DUTY VALVE (IN-LINE TYPE)
	PUMP
	VACUUM BREAKER
	"WYE" - STRAINER
	"WYE" - STRAINER W/SHUTOFF VALVE AND HOSE CONNECTION WITH CAP
	BASKET STRAINER
	FLEXIBLE CONNECTION
	PRESSURE/TEMPERATURE TEST PLUG
	REDUCER - REFERENCE SPECIFICATION FOR CONCENTRIC/ECCENTRIC AND FOT/FOB
	SUCTION DIFFUSER WITH SUPPORT FOOT
	AUTOMATIC AIR VENT
	MANUAL AIR VENT
	DRAIN VALVE WITH HOSE CONNECTION AND CAP
	PRESSURE SENSOR (FURNISHED WITH BALL VALVE)
	PRESSURE GAUGE (FURNISHED WITH BALL VALVE)
	DIFFERENTIAL PRESSURE SENSOR
	STATIC SWITCH
	FLOW METER
	FLOW SWITCH
	FLOW SENSOR
	STEAM TRAP (REFER TO SCHEDULE)
	F&T STEAM TRAP (REFER TO SCHEDULE)
	INVERTED BUCKET STEAM TRAP (REFER TO SCHEDULE)
	ALIGNMENT GUIDE
	PIPE ANCHOR
	EXPANSION JOINT # IS THE EXPANSION TRAVEL INCHES
	METER

VIEW KEY

NAME — LEVEL NAME
10' - 0" — HEIGHT ABOVE PROJECT 0' - 0"

INDICATES DIRECTION OF TRUE NORTH
PLAN OR DETAIL NUMBER
PLAN OR DETAIL NAME

VIEW NAME
1/8" = 1'-0"
PLAN OR DETAIL SCALE

INDICATES SIMILAR DETAIL REFERENCED IN MULTIPLE LOCATIONS
DETAIL REFERRED TO BY SECTION CUT
SHEET DETAIL IS LOCATED ON T101

LINE TYPE AND TAG KEY:

NEW WORK BY THIS CONTRACTOR (WIDE LINE)
NEW
EXISTING TO BE REMOVED (SHORT DASHED PATTERN)
NEW UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

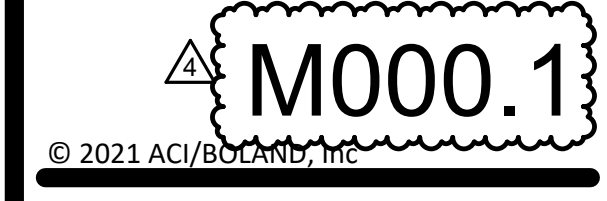
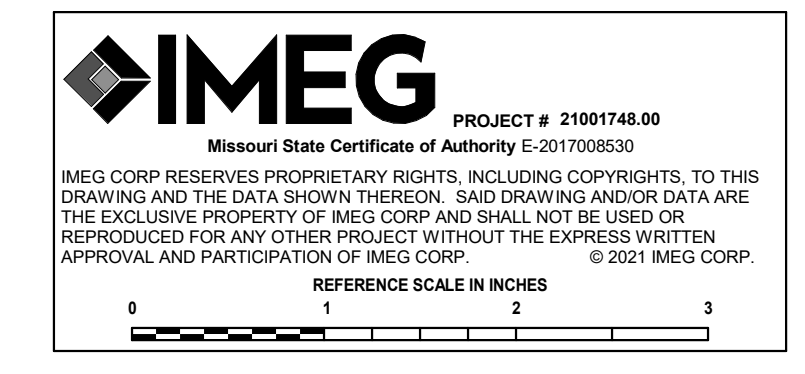
EXISTING TO REMAIN OR WORK BY OTHERS (NARROW LINE)
EXISTING
EXISTING TO BE REMOVED BY OTHERS (SHORT DASHED PATTERN)
EXISTING UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

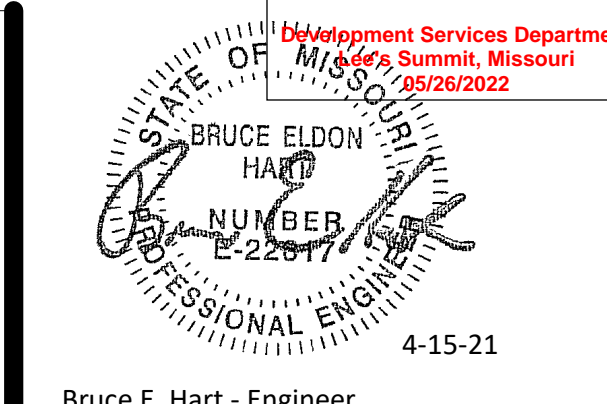
HALFTONING DOES NOT MODIFY SCOPE.

TAG-E TAGS WITH DASH 'E' INDICATES THE REFERENCED OBJECT IS EXISTING
TAG-1 UNDERLINED TEXT INDICATES ADDITIONAL INFORMATION CAN BE FOUND ELSEWHERE IN A SCHEDULE, MATERIAL LIST, OR SYMBOL LIST
INDICATES AN EXISTING SYSTEM'S POINT OF CONNECTION/REMOVAL

CONTRACTOR ABBREVIATION KEY

ABBR:	DESCRIPTION:
A.C.	ASBESTOS ABATEMENT CONTRACTOR
A.V.C.	AUDIOVISUAL CONTRACTOR
C.C.	CIVIL CONTRACTOR
C.M.	CONSTRUCTION MANAGER
E.C.	ELECTRICAL CONTRACTOR
F.P.C.	FIRE PROTECTION CONTRACTOR
F.S.C.	FOOD SERVICE CONTRACTOR
G.C.	GENERAL CONTRACTOR
H.C.	HEATING CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
N.C.C.	NURSE CALL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
S.C.	SECURITY CONTRACTOR
T.C.	TECHNOLOGY CONTRACTOR
T.C.C.	TEMPERATURE CONTROLS CONTRACTOR
V.C.	VENTILATION CONTRACTOR





Bruce E. Hart - Engineer
License - Missouri E-22817

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Licensee's Certificate of Authority Number:
Missouri: #000958



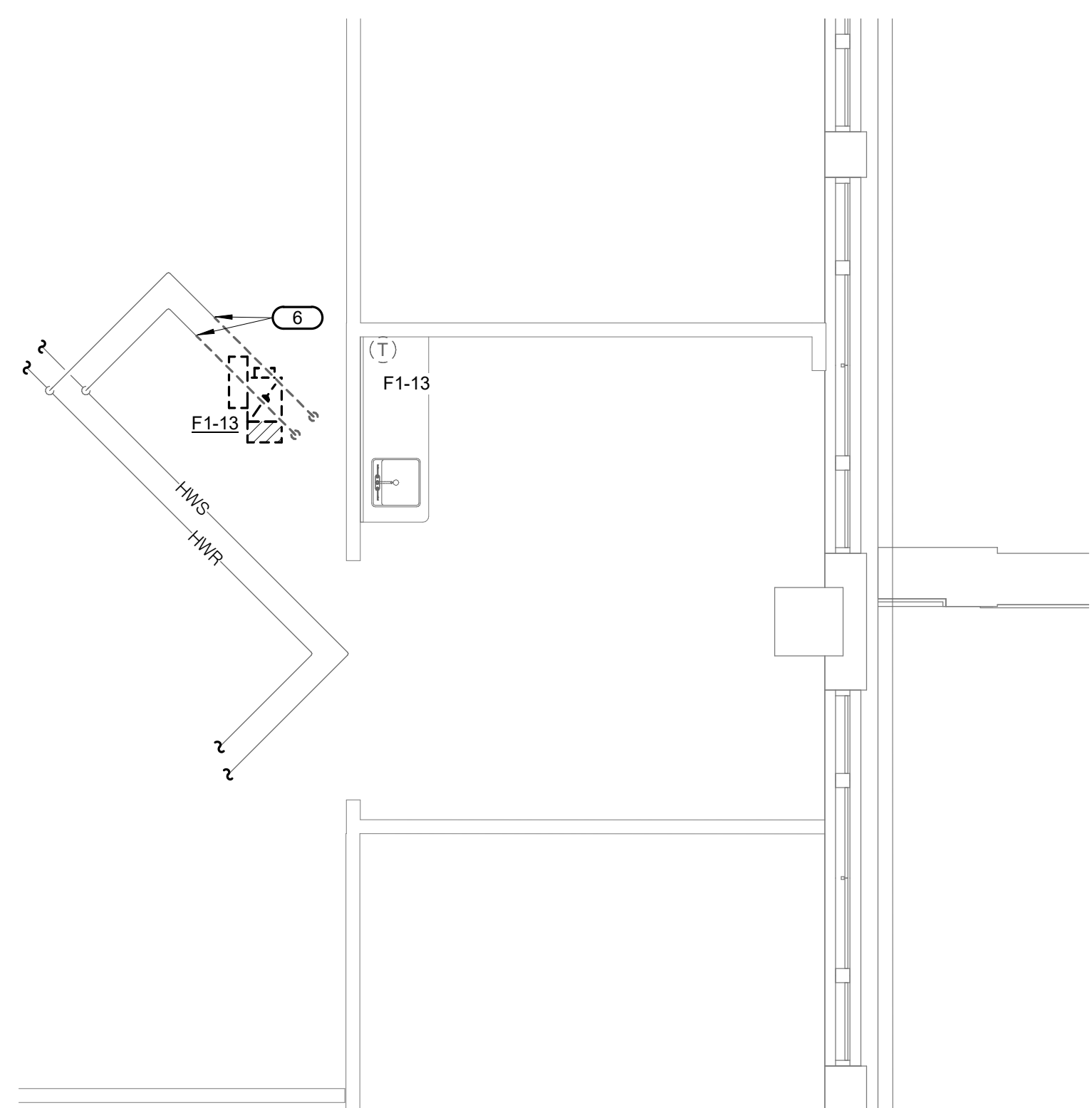
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SUITE 300
KANSAS CITY, MO 64108 www.imegcorp.com

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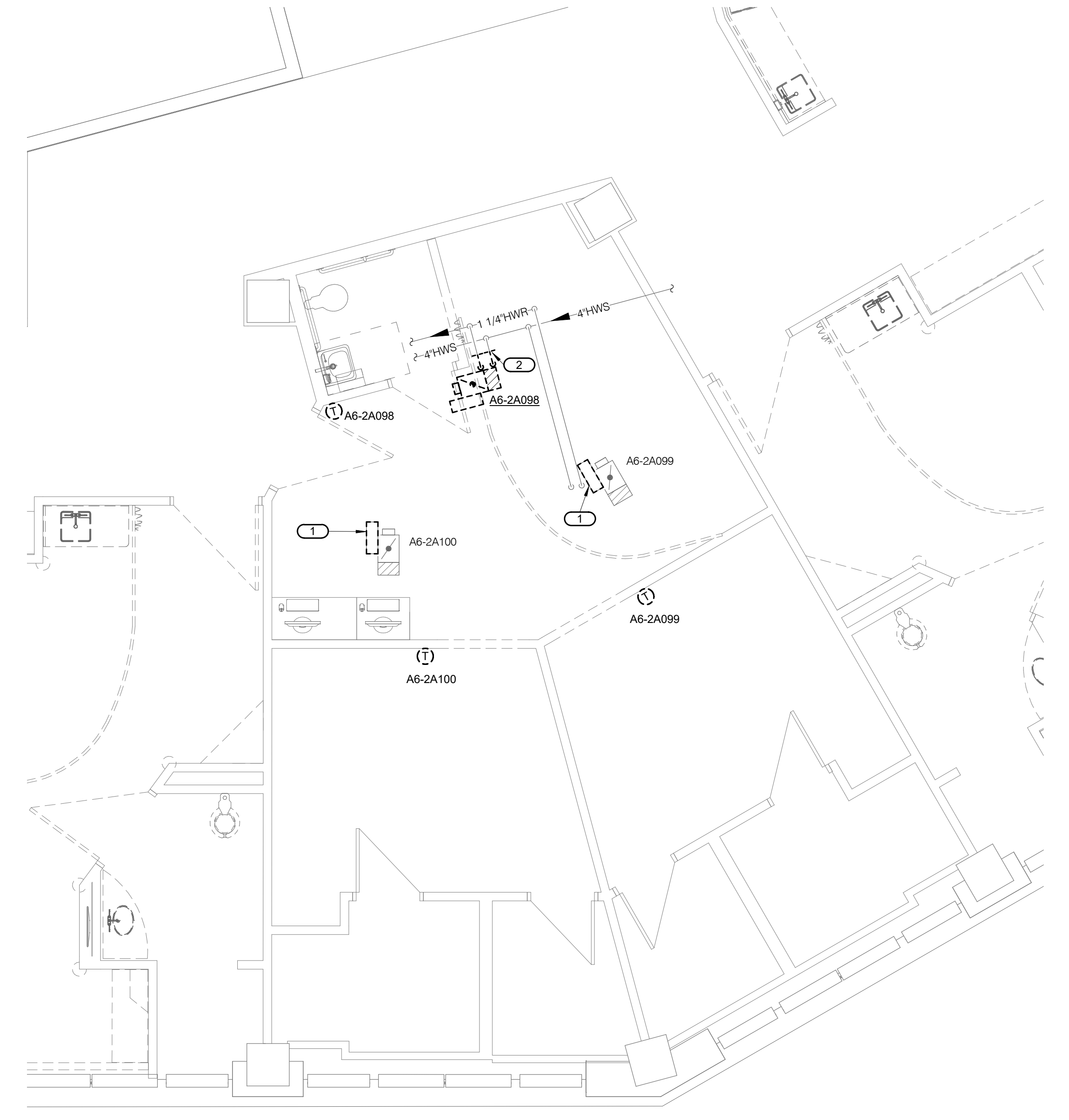
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REF. SCALE IN INCHES 2
IMEG CORP.
Block Design Firm Registration #19407037-0014

- SHEET NOTES:**
- REFER TO GENERAL NOTES ON SHEET M000.
 - TERMINAL AIR BOX TAGS SHOWN ON THESE DRAWINGS ARE BASED ON ROOM NUMBERS SERVED IN THE NEW WORK AND MAY NOT MATCH THE BOX TAGS IN THE FACILITY MANAGEMENT AND CONTROL SYSTEM (FMCS).
 - PRIOR TO DEMOLISHING ANY FMCS TAB CONTROLLERS, CONTRACTOR SHALL RECORD THE FOLLOWING INFORMATION FROM EACH EXISTING TAB/CONTROLLER, AND SUBMIT THE INFORMATION IN WRITING TO THE ENGINEER:
 - ZONE/CONTROLLER TAG NO.
 - ROOM NO. OF ROOM SERVED (IF TAB SERVES MULTIPLE ROOMS, RECORD THE ROOM NO. OF THE ROOM WHERE THE THERMOSTAT IS LOCATED)
 - TAB INLET SIZE (INCHES)
 - REHEAT COIL NO. OF ROWS
 - MAX. COOLING AIRFLOW RATE (CFM)
 - MIN. COOLING AIRFLOW RATE (CFM)
 - HEATING AIRFLOW RATE (CFM)
 - REHEAT CONTROL VALVE SIZE
 - REHEAT CONTROL VALVE MAX. FLOW RATE (GPM)

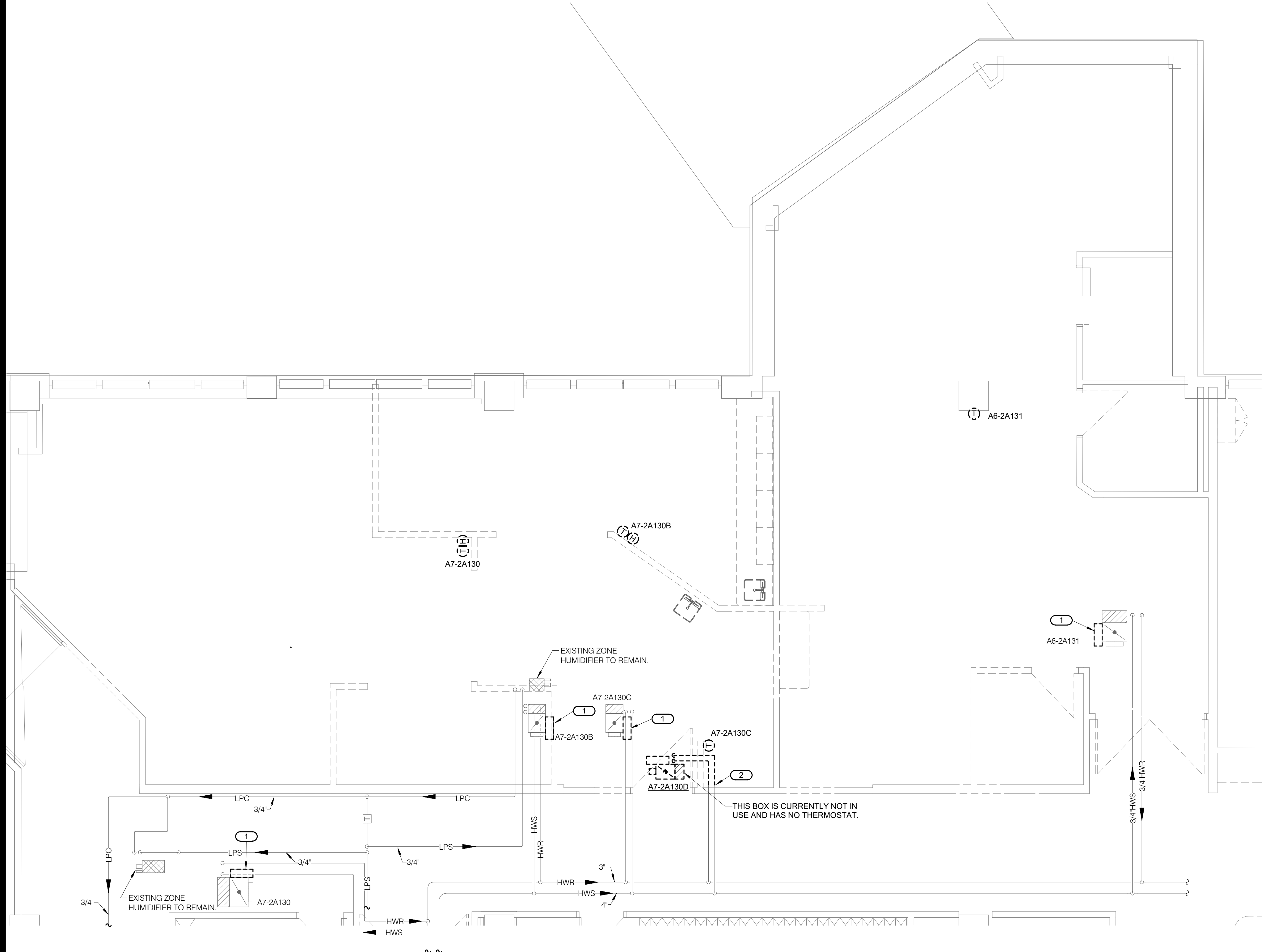
- KEYNOTES:**
- DISCONNECT AND REMOVE DDC TERMINAL AIR BOX CONTROLLER INCLUDING ASSOCIATED 2-WAY HEATING HOT WATER CONTROL VALVE AND MANUAL BALANCING VALVE (NOT SHOWN), AND ANY ASSOCIATED AUXILIARY SENSORS, CONTROL DEVICES, AND/OR CONTROL WIRING THAT CANNOT BE RE-USED. PROTECT TERMINAL AIR BOX AND REMAINING PIPING FOR NEW CONNECTIONS.
 - CUT HWS/HWR PIPING AND REMOVE PIPING TO TERMINAL AIR BOX. DISCONNECT AND SALVAGE THE BOX FOR RELOCATION AND RE-USE, BUT REMOVE THE CONTROLLER, HEATING HOT WATER CONTROL VALVE AND ANY ASSOCIATED AUXILIARY SENSORS AND CONTROL DEVICES. ALSO REMOVE ANY CONTROL WIRING THAT CANNOT BE RE-USED. PROTECT TERMINAL AIR BOX AND REMAINING PIPING FOR NEW CONNECTIONS.
 - NOT USED.
 - NOT USED.
 - NOT USED.
 - CUT HWS/HWR PIPING AND REMOVE PIPING TO TERMINAL AIR BOX. ALSO REMOVE THE BOX, ITS THERMOSTAT AND ANY CONTROL WIRING THAT CANNOT BE RE-USED.



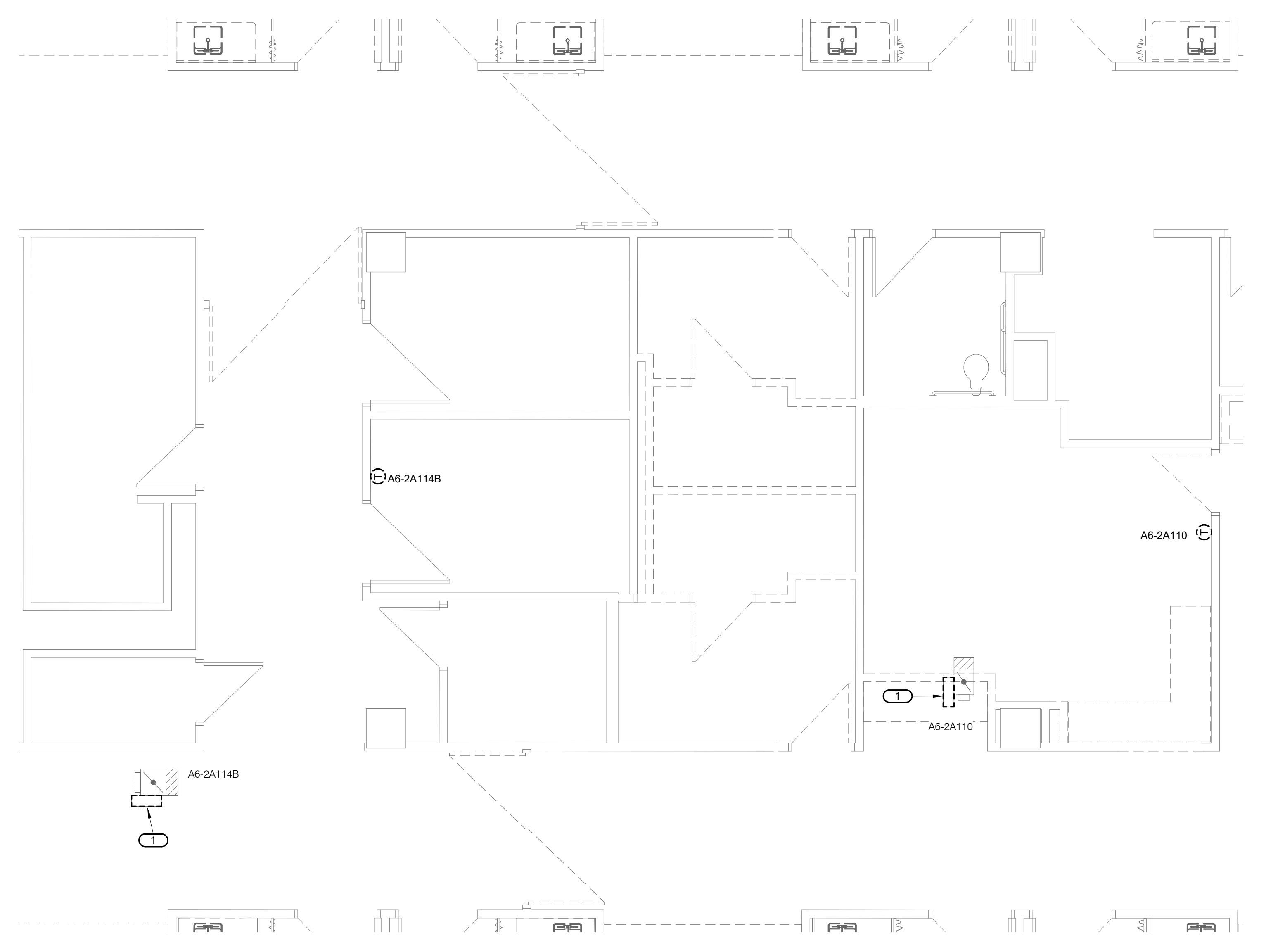
1 SECOND FLOOR DEMOLITION - PIPING AND CONTROLS - ISO
1/4" = 1'-0"



2 SECOND FLOOR DEMOLITION - PIPING AND CONTROLS - SLEEP ROOM
1/4" = 1'-0"



3 SECOND FLOOR DEMOLITION - PIPING AND CONTROLS - WELL BABY
1/4" = 1'-0"



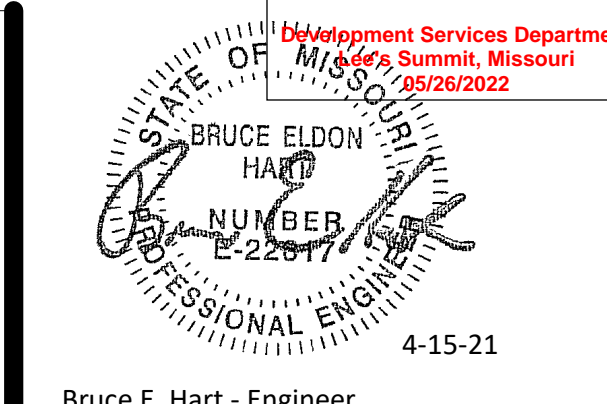
4 SECOND FLOOR DEMOLITION - PIPING AND CONTROLS - ANTEPARTUM
1/4" = 1'-0"

Saint Luke's East Hospital
MOTHER BABY FINISH UPGRADES
 100 NE St Lukes Blvd
 Lee's Summit, MO 64086

Date 04/15/2021
 Job Number 3-21004
 Drawn By Author
 Checked By Checker

Number	Date	Description
10	05/13/22	AST #10

Revision
 M102.1
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 SECOND FLOOR DEMOLITION - PIPING & CONTROLS - WELL BABY & SLEEP ROOM



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Kansas City, MO 64108
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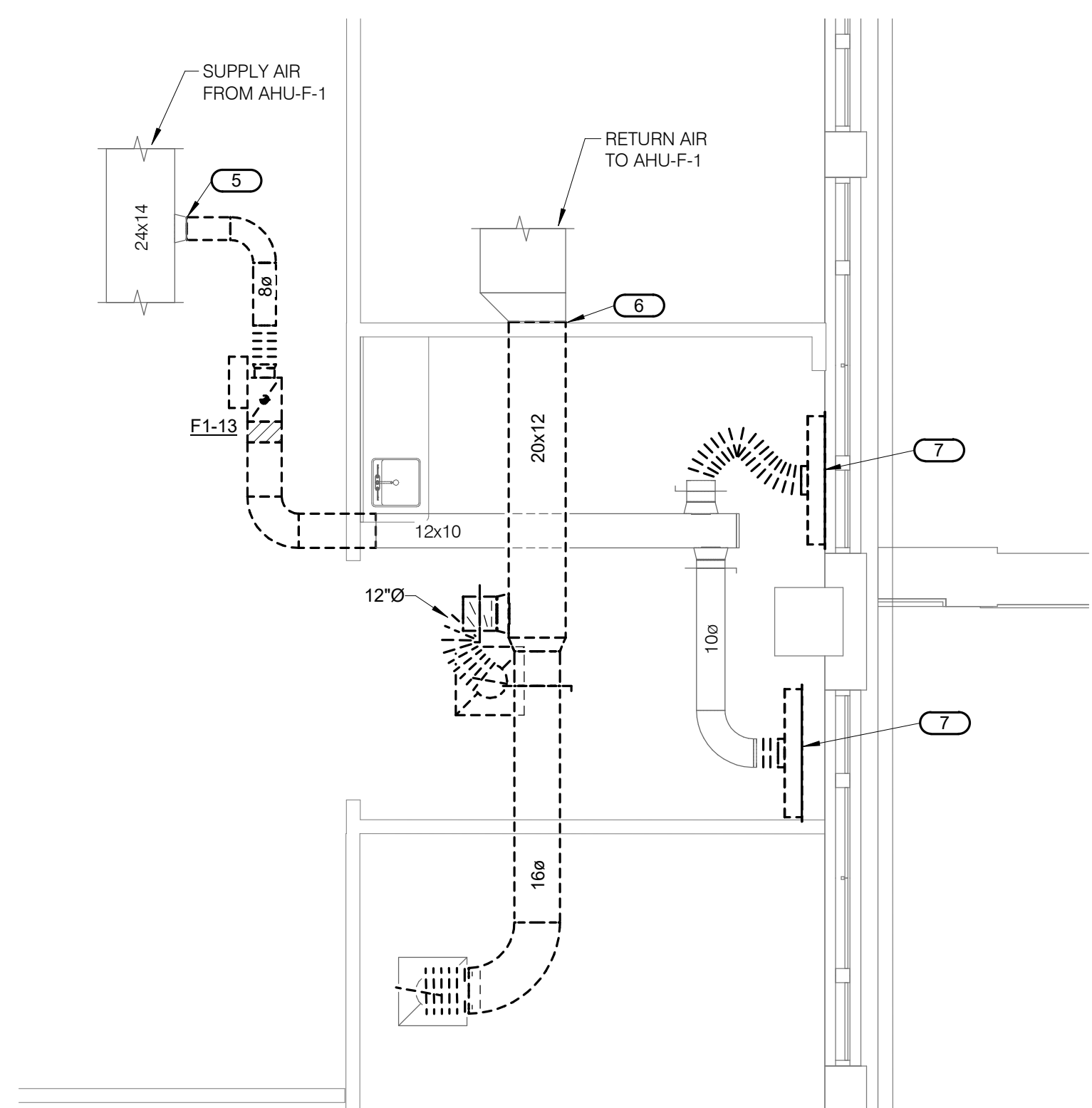
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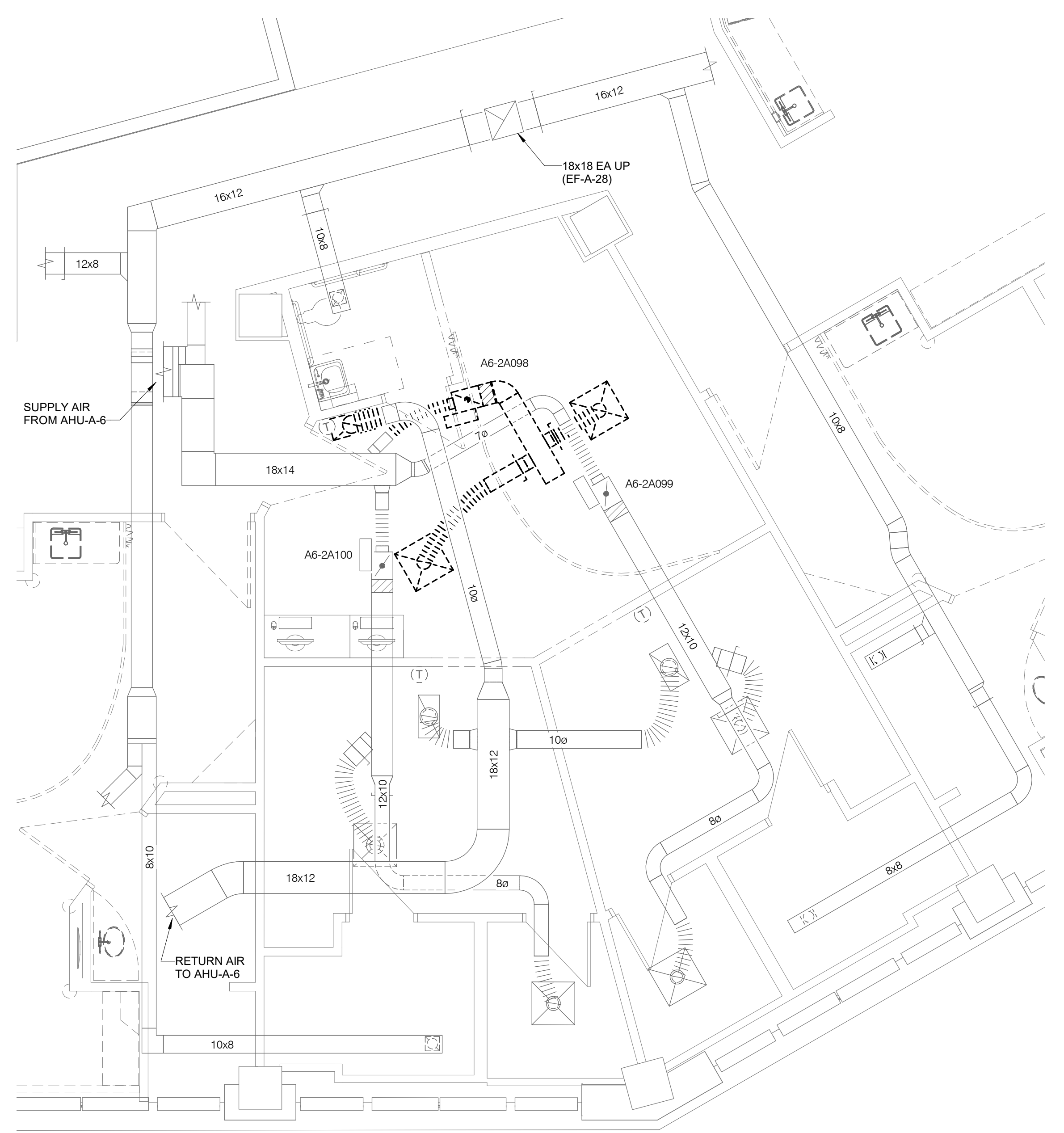
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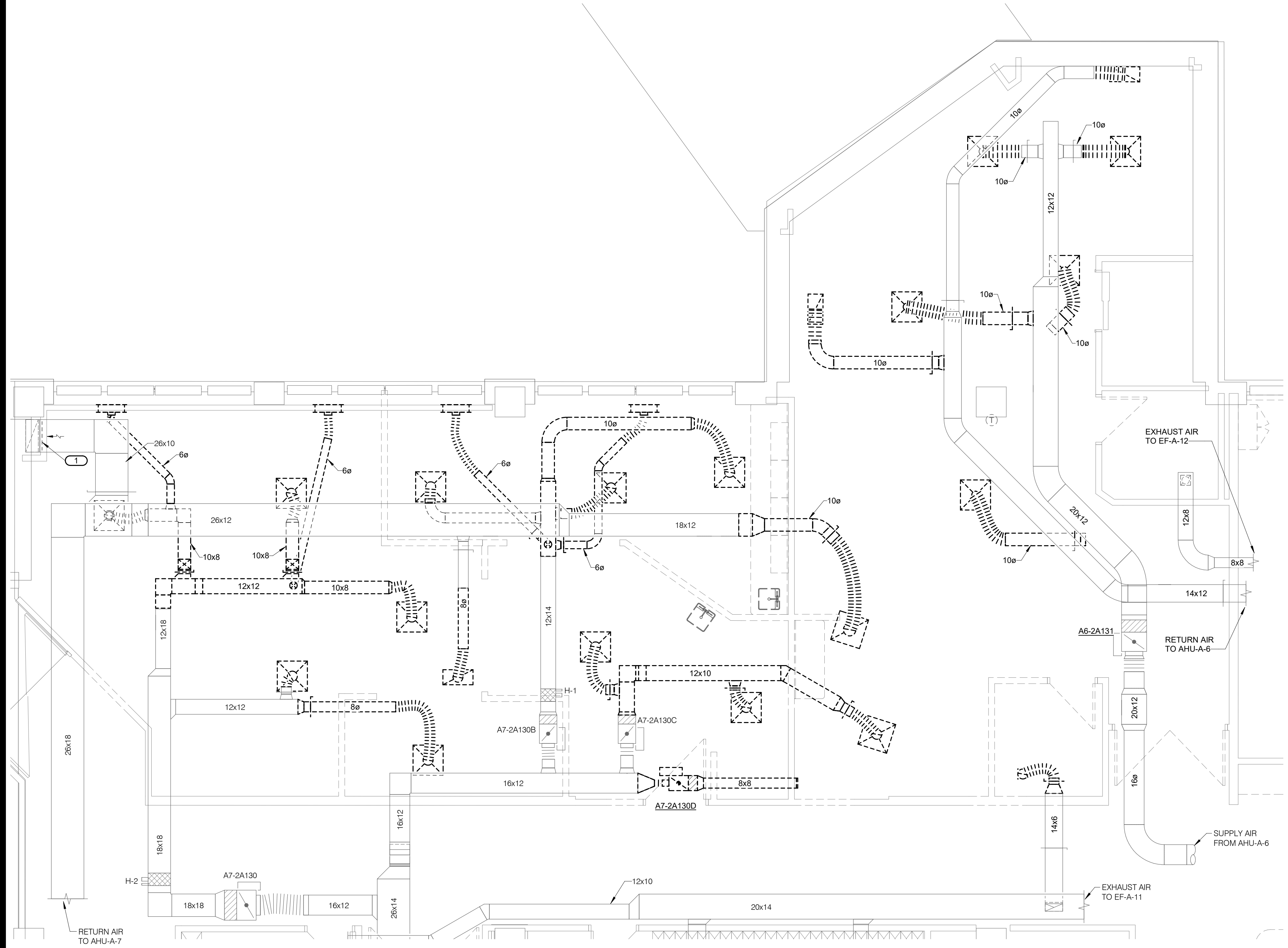
1 SECOND FLOOR DEMOLITION - VENTILATION - ISO
1/4" = 1'-0"

- SHEET NOTES:**
- REFER TO GENERAL NOTES ON SHEET M000. PRIOR TO ERECTING CONSTRUCTION BARRIERS OR PERFORMING DEMOLITION, TAKE PRE-DEMOLITION AIRFLOW READINGS AT ALL TERMINAL AIR BOXES AND SUPPLY AND RETURN AIR TERMINALS SERVING THE PROJECT AREA. FAN SOURCE READINGS AT THE AHU-A-7 SUPPLY AND RETURN FANS, AND FAN SOURCE READINGS AT EXHAUST FAN EF-A-11. REPORT RESULTS IN WRITING.
 - TERMINAL AIR BOX TAGS SHOWN ON THESE DRAWINGS ARE BASED ON ROOM NUMBERS SERVED IN THE NEW WORK AND MAY NOT MATCH THE BOX TAGS IN THE FACILITY MANAGEMENT AND CONTROL SYSTEM (FMCS). AIR TERMINALS SHOWN TO BE DEMOLISHED MAY INSTEAD BE CLEANED AND RE-USED, AT CONTRACTORS OPTION, IF THEY ARE IN GOOD CONDITION AND MATCH THE TYPE AND SIZE OF AIR TERMINALS IN THE NEW DESIGN.

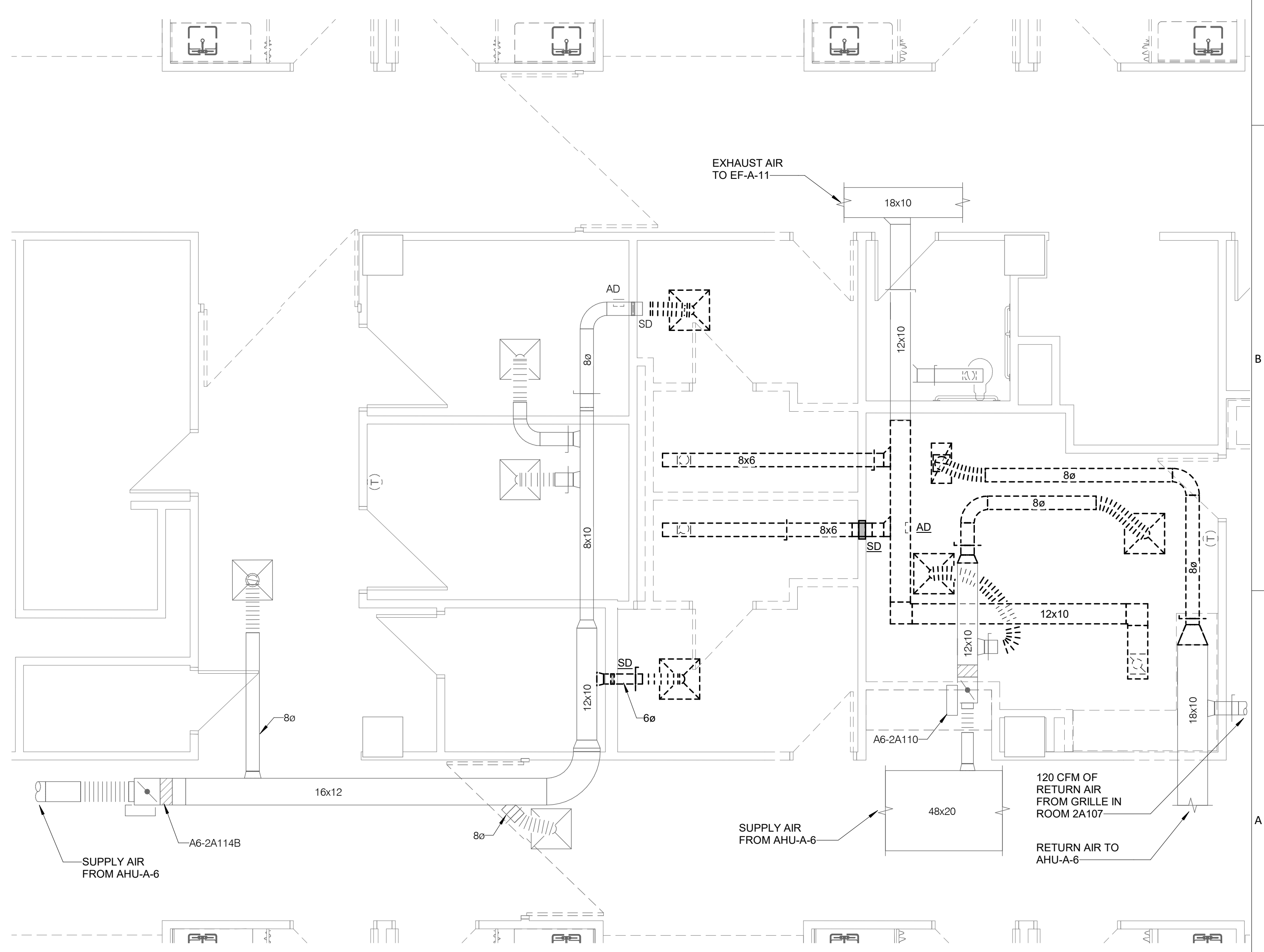
- KEYNOTES:**
- DISCONNECT AIR TERMINAL (WALL MOUNTED RETURN AIR GRILLE), CLEAN AND PAINT IT. PAINT COLOR SHALL MATCH NEW WALL COLOR. PROTECT ASSOCIATED DUCT FOR RE-INSTALLATION OF AIR TERMINAL IN SAME LOCATION.
 - NOT USED.
 - NOT USED.
 - NOT USED.
 - DISCONNECT AND REMOVE SUPPLY AIR DUCTWORK AND TERMINAL AIR BOX AS REQUIRED TO INSTALL NEW SUPPLY AIR VALVE. PROTECT REMAINING DUCTWORK FOR NEW CONNECTIONS.
 - DISCONNECT AND REMOVE RETURN AIR DUCTWORK AS REQUIRED TO CLEAR SPACE FOR NEW EXHAUST DUCTWORK. REMOVE RETURN GRILLE AS INDICATED. PROTECT REMAINING DUCTWORK AND RETURN GRILLE IN ADJACENT ROOM FOR NEW CONNECTION.
 - DISCONNECT AND SALVAGE SUPPLY AIR TERMINAL FOR RE-USE. REMOVE ASSOCIATED FLEX DUCT AND PROTECT REMAINING DUCTWORK FOR NEW CONNECTION.



2 SECOND FLOOR DEMOLITION - VENTILATION - SLEEP ROOM
1/4" = 1'-0"



3 SECOND FLOOR DEMOLITION - VENTILATION - WELL BABY
1/4" = 1'-0"



4 SECOND FLOOR DEMOLITION - VENTILATION - ANTEPARTUM
1/4" = 1'-0"

Saint Luke's East Hospital
MOTHER BABY FINISH UPGRADES
100 NE St Lukes Blvd
Lee's Summit, MO 64086

Date 04/15/2021
Job Number 3-21004
Drawn By Author
Checked By Checker

Revision	Date	Description
10	05/13/22	AST #10

120 CFM OF RETURN AIR FROM GRILLE IN ROOM 2A107
RETURN AIR TO AHU-A-6

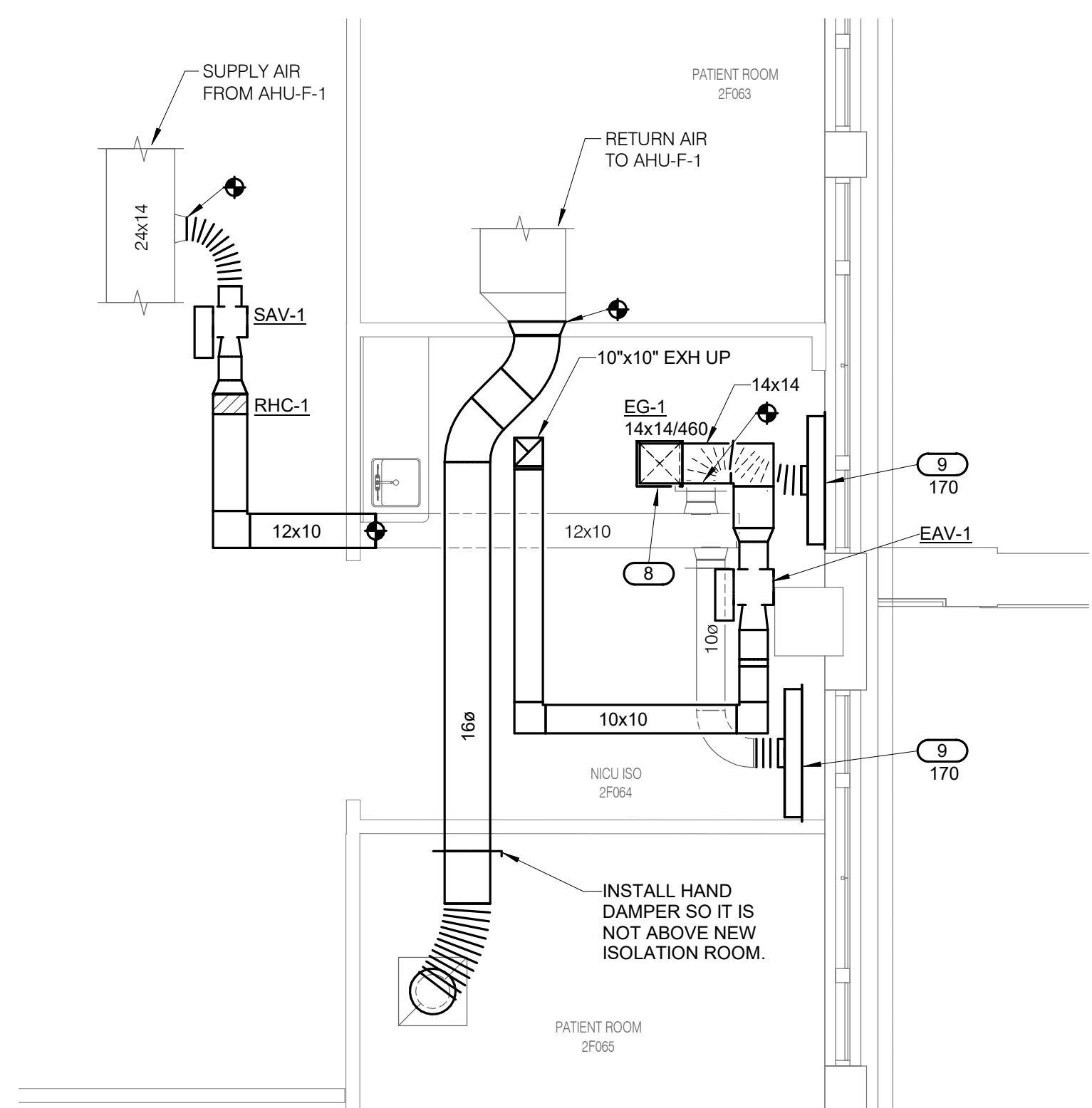


SHEET NOTES:

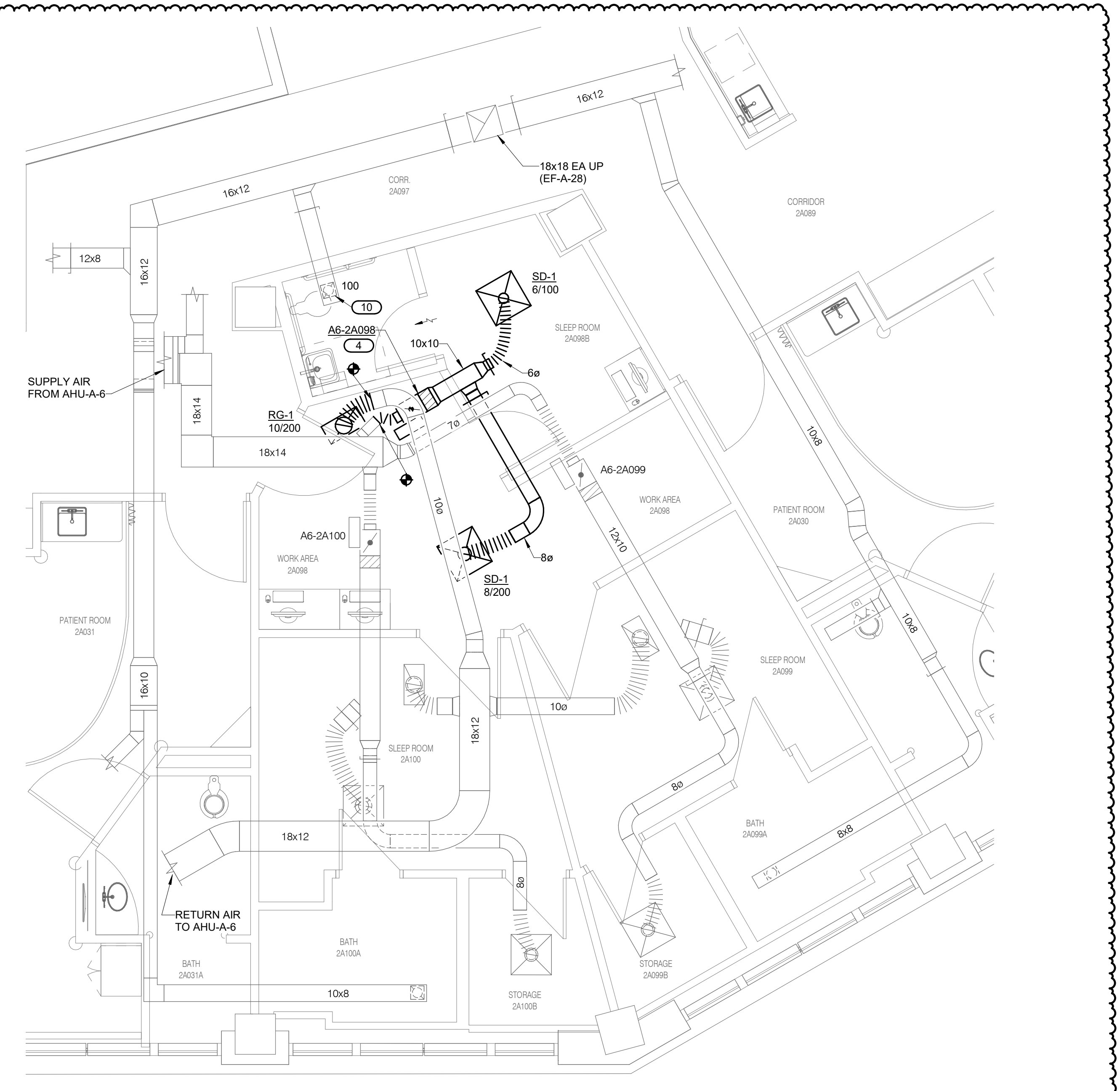
1. REFER TO GENERAL NOTES ON SHEET M000.
2. TERMINAL AIR BOX TAGS SHOWN ON THESE DRAWINGS ARE BASED ON ROOM NUMBERS SERVED IN THE NEW WORK AND MAY NOT MATCH THE BOX TAGS IN THE FACILITY MANAGEMENT AND CONTROL SYSTEM (EMCS).
3. AFTER COMPLETING THE NEW WORK, BALANCE RELOCATED AND/OR EXISTING TERMINAL AIR BOXES AS REQUIRED. ALSO BALANCE THE AHU-A-7 SUPPLY AND RETURN FAN AND EXHAUST FAN EF-A-11. PROVIDE NEW BELTS AND SHEAVES ON THE EXHAUST FAN AS REQUIRED.

KEYNOTES:

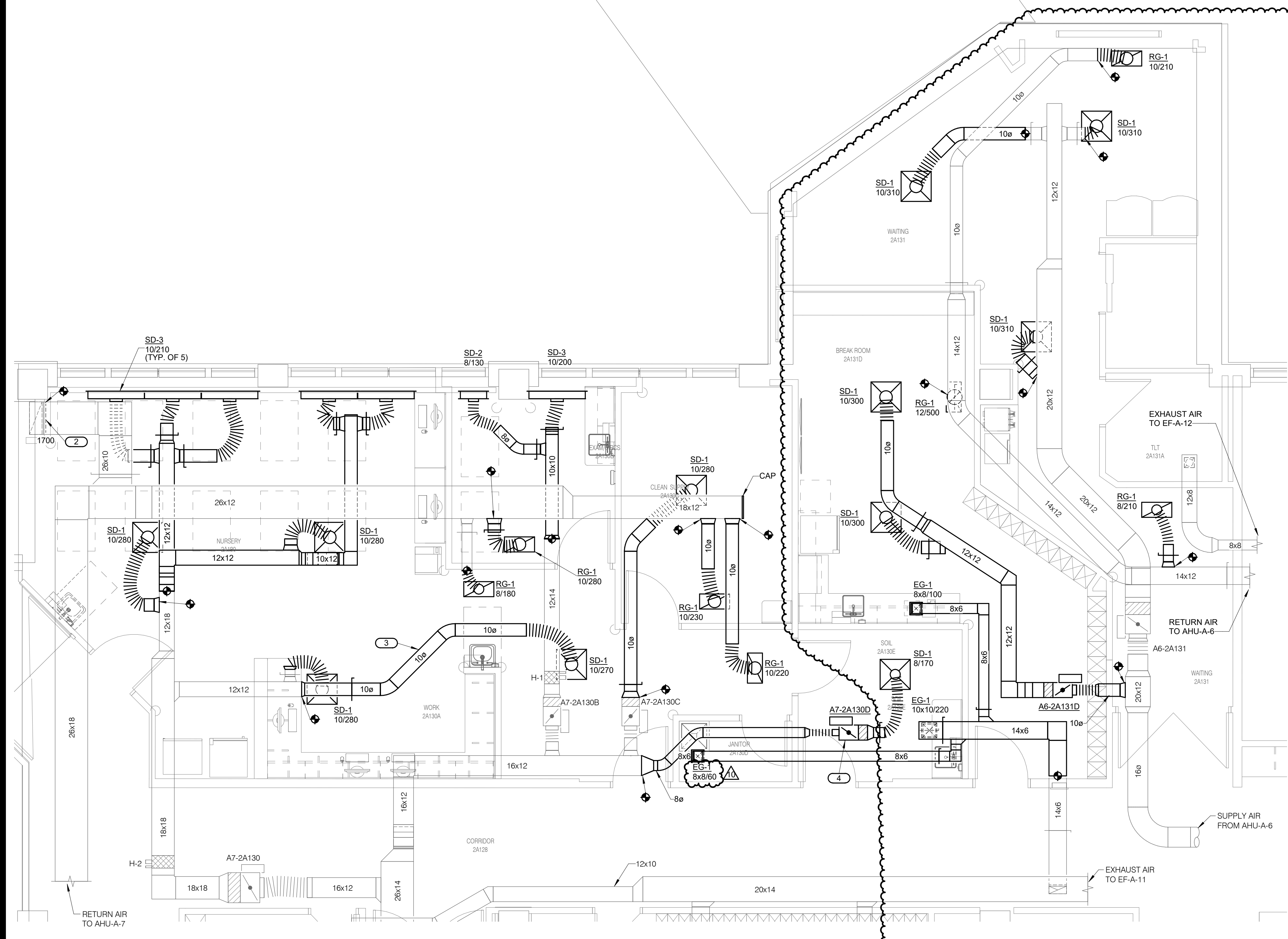
1. NOT USED.
2. AFTER CLEANING AND PAINTING AIR TERMINAL, RE-INSTALL IT AND RE-CONNECT TO EXISTING DUCT IN SAME LOCATION. BALANCE TO NEW AIRFLOW RATE (CFM) INDICATED.
3. ROUTE NEW BRANCH DUCT AS REQUIRED TO AVOID BLOCKING ACCESS TO NEW PLUMBING SHUT-OFF VALVES AND NEW OR EXISTING TERMINAL AIR BOX OR HUMIDIFIER PIPING ACCESSORIES.
4. NEW LOCATION FOR TERMINAL AIR BOX THAT WAS DISCONNECTED DURING DEMO. DO NOT USE.
5. NOT USED.
6. NOT USED.
7. NOT USED.
8. INSTALL NEW EXHAUST GRILLE DIRECTLY ABOVE PATIENT BASSINET. COORDINATE EXACT LOCATION WITH ARCHITECT.
9. RE-INSTALL SUPPLY AIR TERMINAL IN SAME LOCATION IT WAS ORIGINALLY INSTALLED. PROVIDE NEW FLEX DUCT. BALANCE TO AIRFLOW RATE (CFM) INDICATED.
10. BALANCE AIR TERMINAL TO AIRFLOW RATE (CFM) INDICATED.



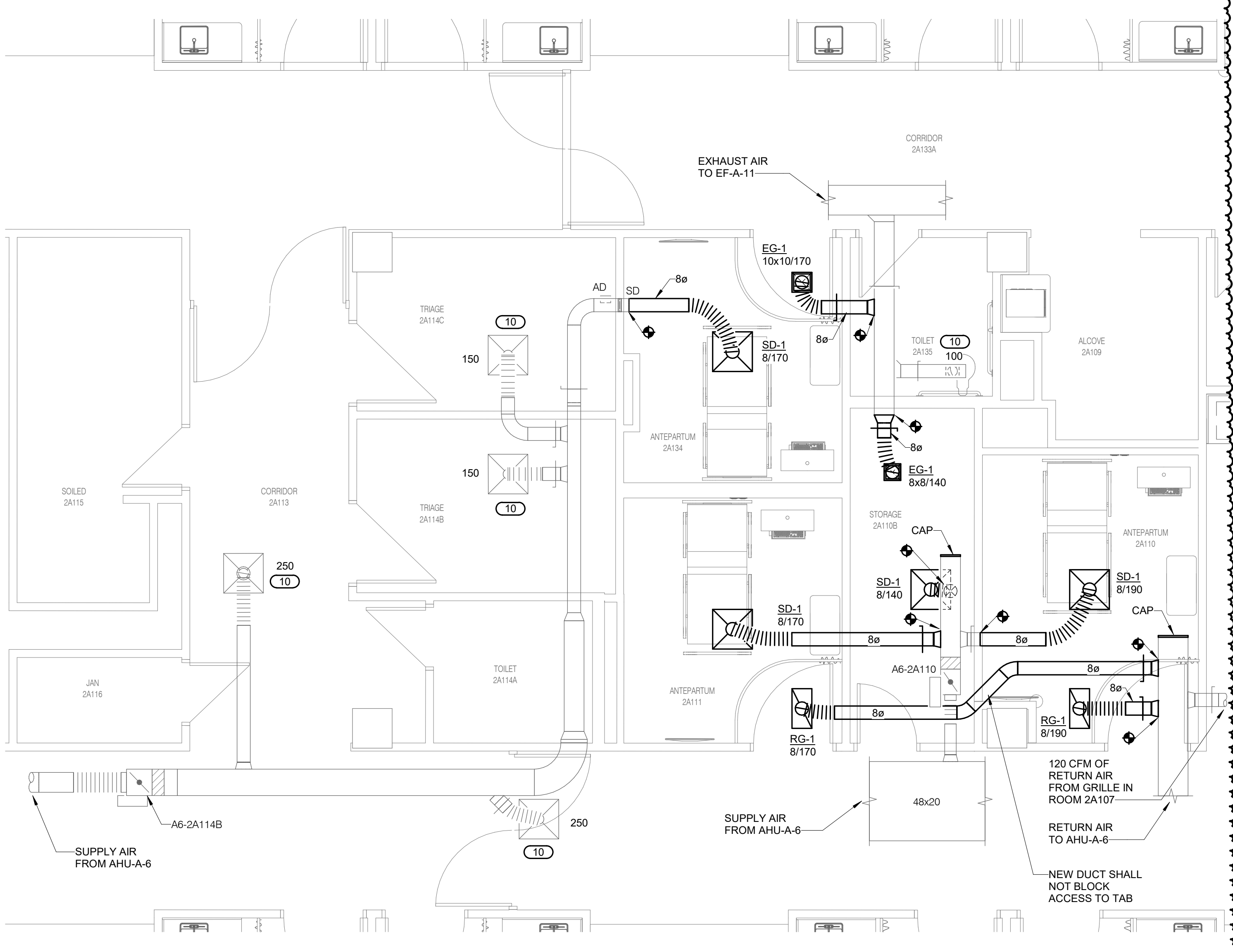
1 SECOND FLOOR - VENTILATION - ISO
1/4" = 1'-0"



2 SECOND FLOOR - VENTILATION - SLEEP ROOM
1/4" = 1'-0"



3 SECOND FLOOR - VENTILATION - WELL BABY
1/4" = 1'-0"



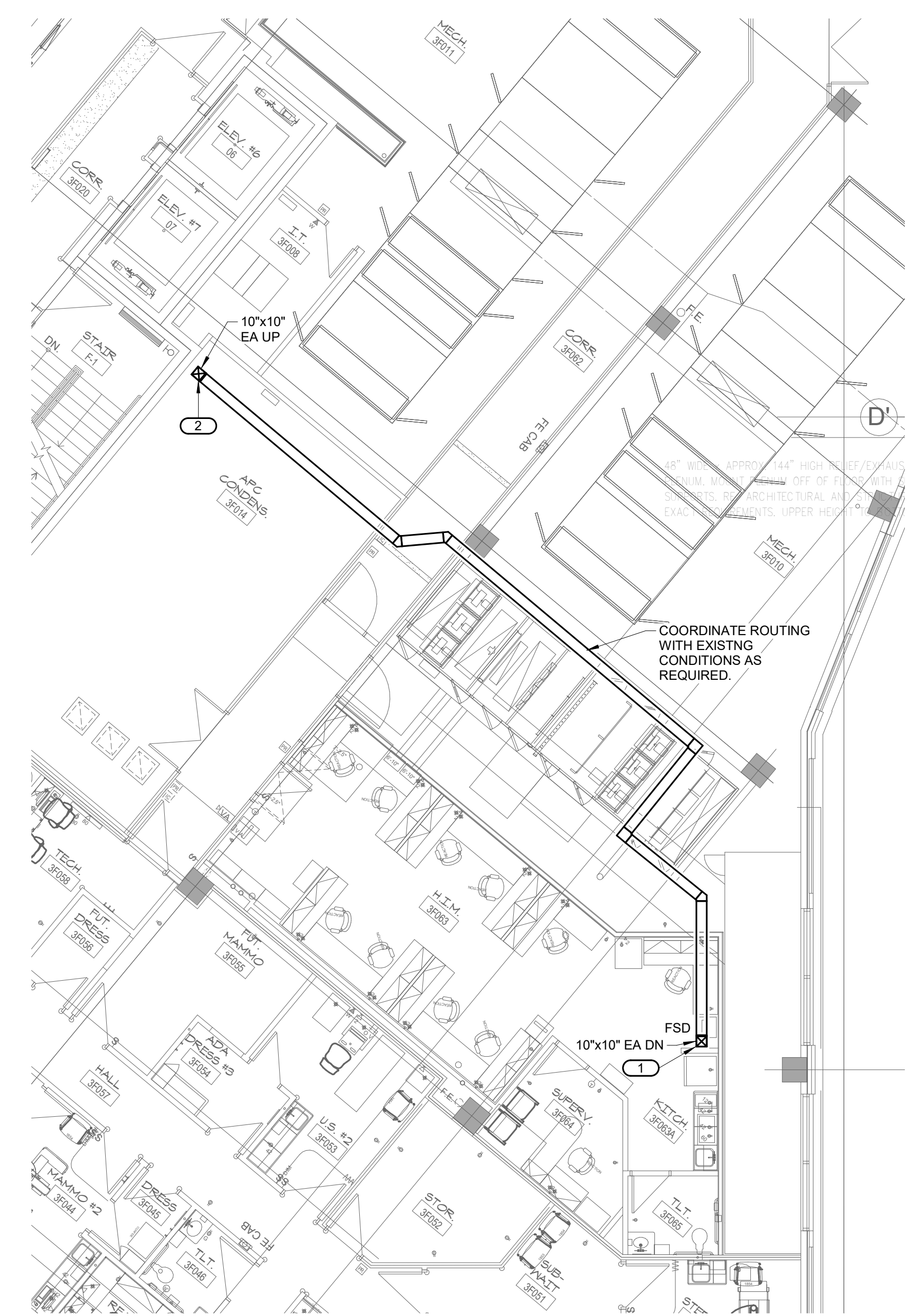
4 SECOND FLOOR - VENTILATION - ANTEPARTUM
1/4" = 1'-0"

SHEET NOTES:

1. REFER TO GENERAL NOTES ON SHEET M001.
2. PRIOR TO MAKING NEW CONNECTIONS DESCRIBED ON THIS SHEET, TAKE FAN SOURCE READINGS AT EXISTING ISOLATION ROOM EXHAUST FAN EF-F3 (ON ROOF). REPORT RESULTS IN WRITING.
3. AFTER COMPLETING THE NEW WORK DESCRIBED ON THIS SHEET, PROVIDE AND INSTALL NEW BEARINGS, BELTS & SHEAVES, AND A NEW MOTOR (1HP MATCH EXISTING VOLTAGE) ON EXISTING ISOLATION ROOM EXHAUST FAN EF-F3 (ON ROOF), AND REBALANCE THE FAN AS REQUIRED (THE EXISTING VARIABLE FREQUENCY DRIVE IS LOCATED IN THIRD FLOOR MECHANICAL ROOM). ALSO FURNISH AND TURN OVER TO OWNER A SPARE SET OF BEARINGS, BELTS, AND A SPARE MOTOR OF SAME SIZE AND TYPE.

KEYNOTES: (#)

1. COORDINATE EXACT LOCATION OF NEW RISER WITH ARCHITECT, AND SAWCUT SLAB AS REQUIRED. PROVIDE AND INSTALL FIRE/SMOKE DAMPER IN THIRD FLOOR SLAB AND DUCT ACCESS DOOR IN ACCESSIBLE LOCATION ABOVE SLAB. COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE AND INSTALL AN ARCHITECTURAL ACCESS DOOR IN FRONT OF THE DUCT ACCESS DOOR.
2. COORDINATE EXACT LOCATION OF NEW RISER WITH ARCHITECT, AND SAWCUT SLAB AS REQUIRED. PROVIDE AND INSTALL FIRE/SMOKE DAMPER IN FOURTH FLOOR SLAB AND DUCT ACCESS DOOR IN ACCESSIBLE LOCATION BELOW SLAB. CUT INTO ARCHITECTURAL CHASE ON FOURTH FLOOR LEVEL AS REQUIRED. AND EXTEND NEW 10"x10" EA UP IN CHASE AND CONNECT TO EXISTING 14"x14" EXHAUST DUCTWORK ABOVE FOURTH FLOOR CEILING IN THIS SAME AREA. THE EXISTING DUCTWORK SERVES AN ISOLATION ROOM AND ANTEROOM IN THE FOURTH FLOOR. CONNECT THE NEW 10"x10" EXHAUST DUCTWORK TO THE BASE OF THE EXISTING 14"x14" RISER, THEN PATCH THE CHASE WALL AS REQUIRED. THE EXISTING 14"x14" RISER CONTINUES UP THROUGH FIFTH FLOOR SLAB AND OFFSETS ABOVE FIFTH FLOOR CEILING BEFORE TURNING UP THROUGH THE ROOF TO EXISTING EXHAUST FAN EF-F3.



1 THIRD FLOOR - VENTILATION - ISO
1/8" = 1'-0"

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Management Services Department
10/15/2022
STATE OF MISSOURI
BRUCE ELDON HART
PROFESSIONAL ENGINEER
NUMBER E-22837
4-15-21
Bruce E. Hart - Engineer
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Lee's Summit, MO 64086

Date	04/15/2021
Job Number	3-21004
Drawn By	Author
Checked By	Checker

Revision		
Number	Date	Description
4	10/01/21	ASI #4

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THIRD FLOOR - VENTILATION - ISO AREA

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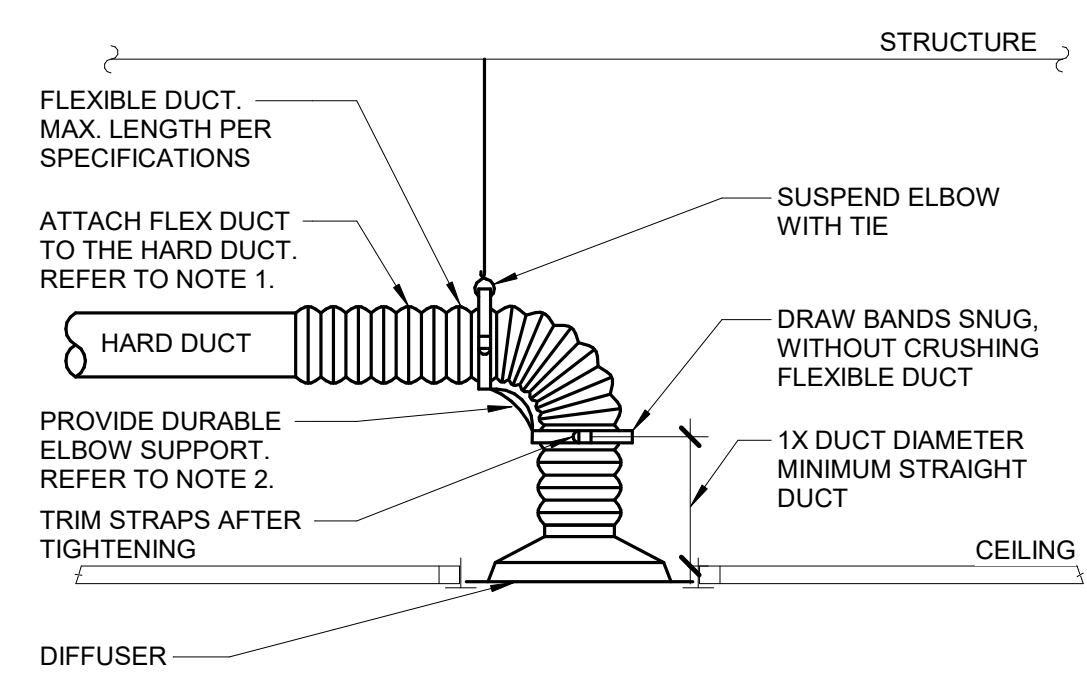
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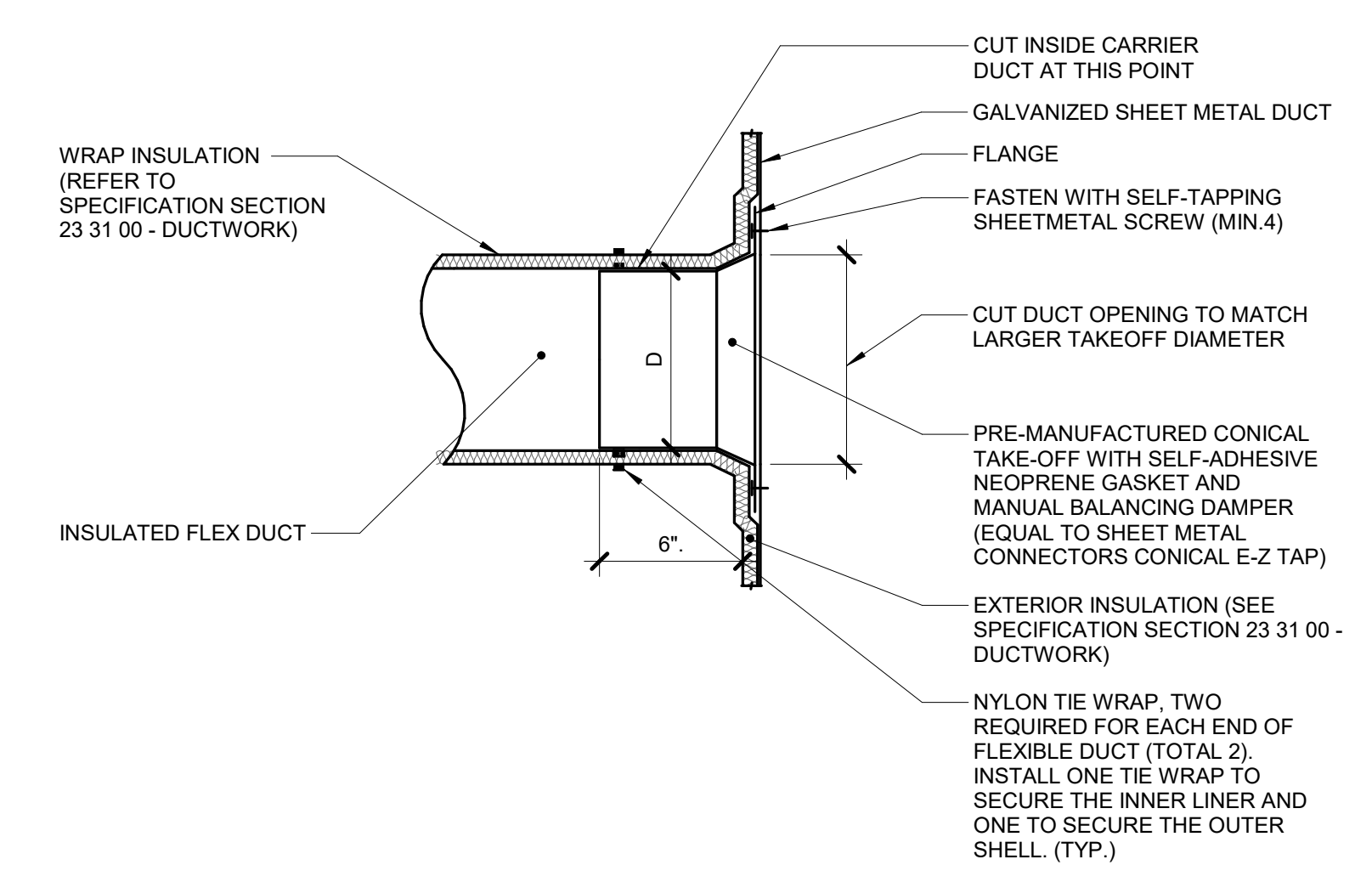
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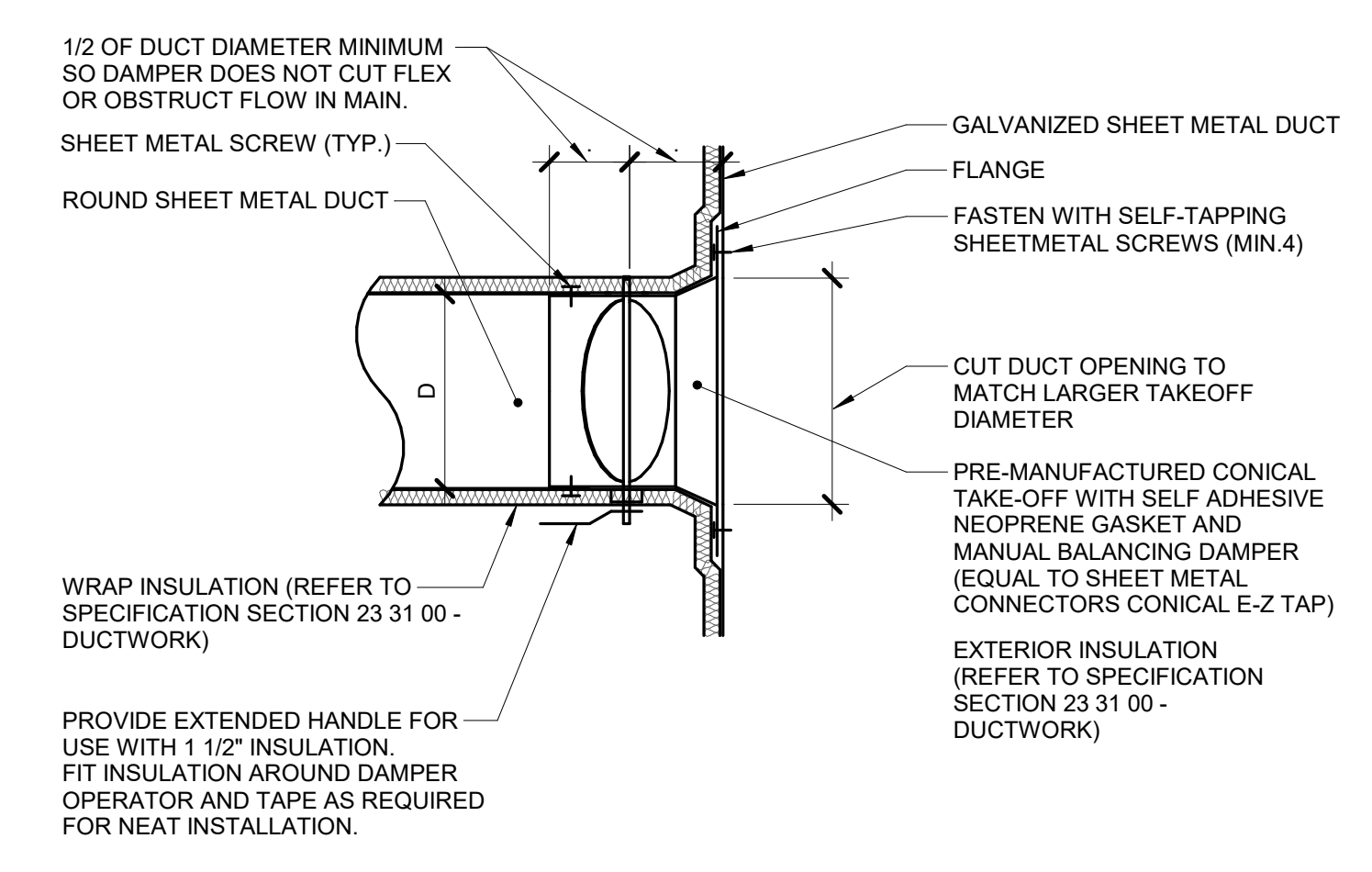
- NOTES:**
1. TO ATTACH FLEX DUCT TO THE HARD DUCT, TAPE THE INNER LINER TO THE HARD DUCT THEN ATTACH WITH TWO NYLON TIE WRAPS, ONE FOR THE INNER LINER AND ONE FOR THE OUTER SHELL. FOLD THE OUTER SHELL INSIDE ITSELF SO IT HAS NEAT EDGES PRIOR TO THE WRAPPING.
 2. DURABLE ELBOW SUPPORT ACCEPTABLE MANUFACTURER AND MODEL: HART AND COOLEY - SMARTFLOW, THERMAFLEX - FLEXFLOW, TITUS - FLEXRIGHT, OR APPROVED EQUAL.

1 **DIFFUSER CONNECTION DETAIL (W/ RADIUS FORMING ELBOW)**
NO SCALE



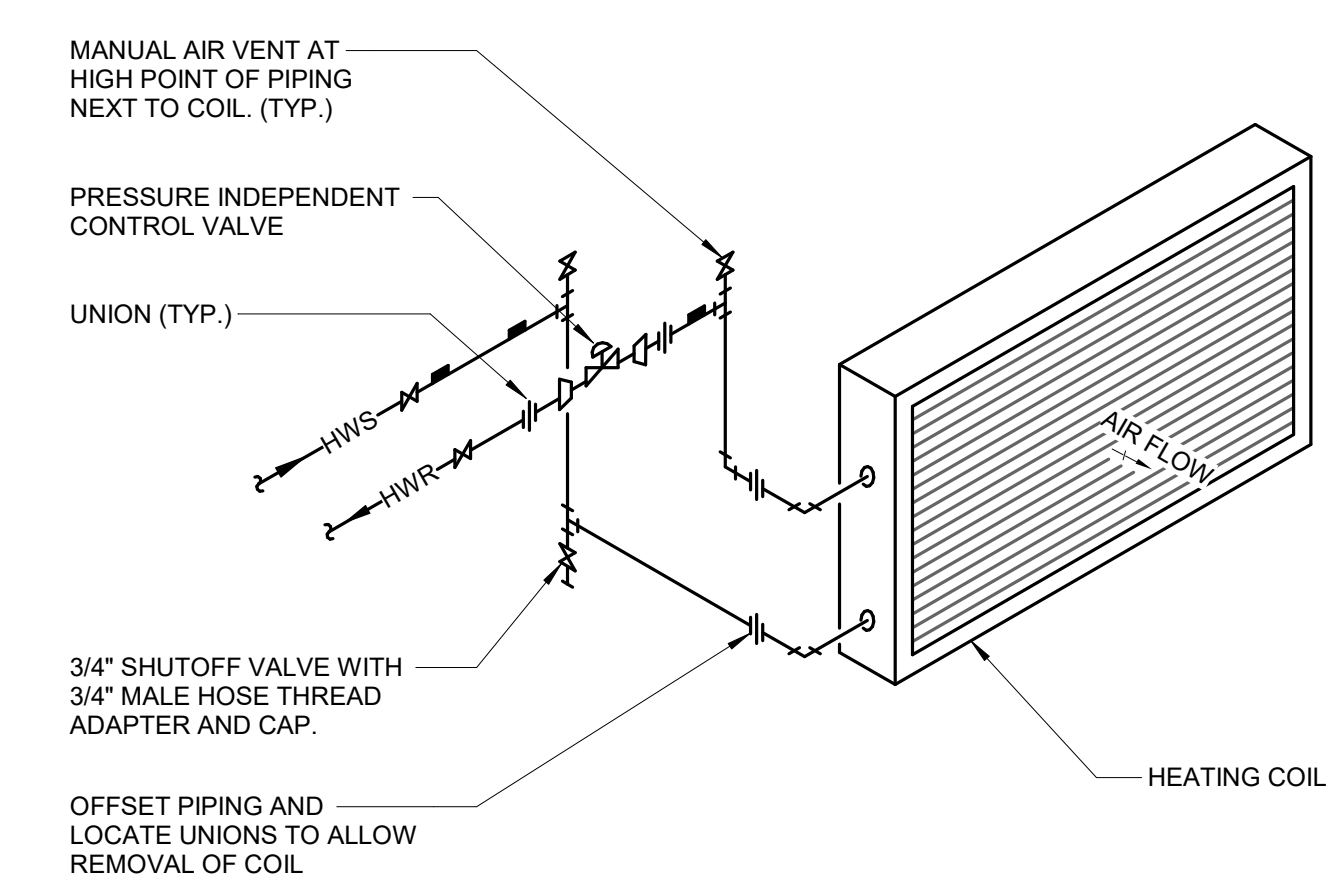
- NOTES:**
1. THIS DETAIL APPLIES ONLY TO TAPS OFF UNLINED DUCTS.
 2. TAP DOES NOT NEED TO BE CONICAL IF THE TAP IS NOT LOCATED BETWEEN FANS AND TERMINAL AIR BOXES. DUCT IS NOT OVER 2" PRESSURE CLASS, AND ROUND DUCT IS NOT OVER 12" DIAMETER.

2 **FLEX DUCT CONNECTION (CONICAL/WAPPED)**
NO SCALE



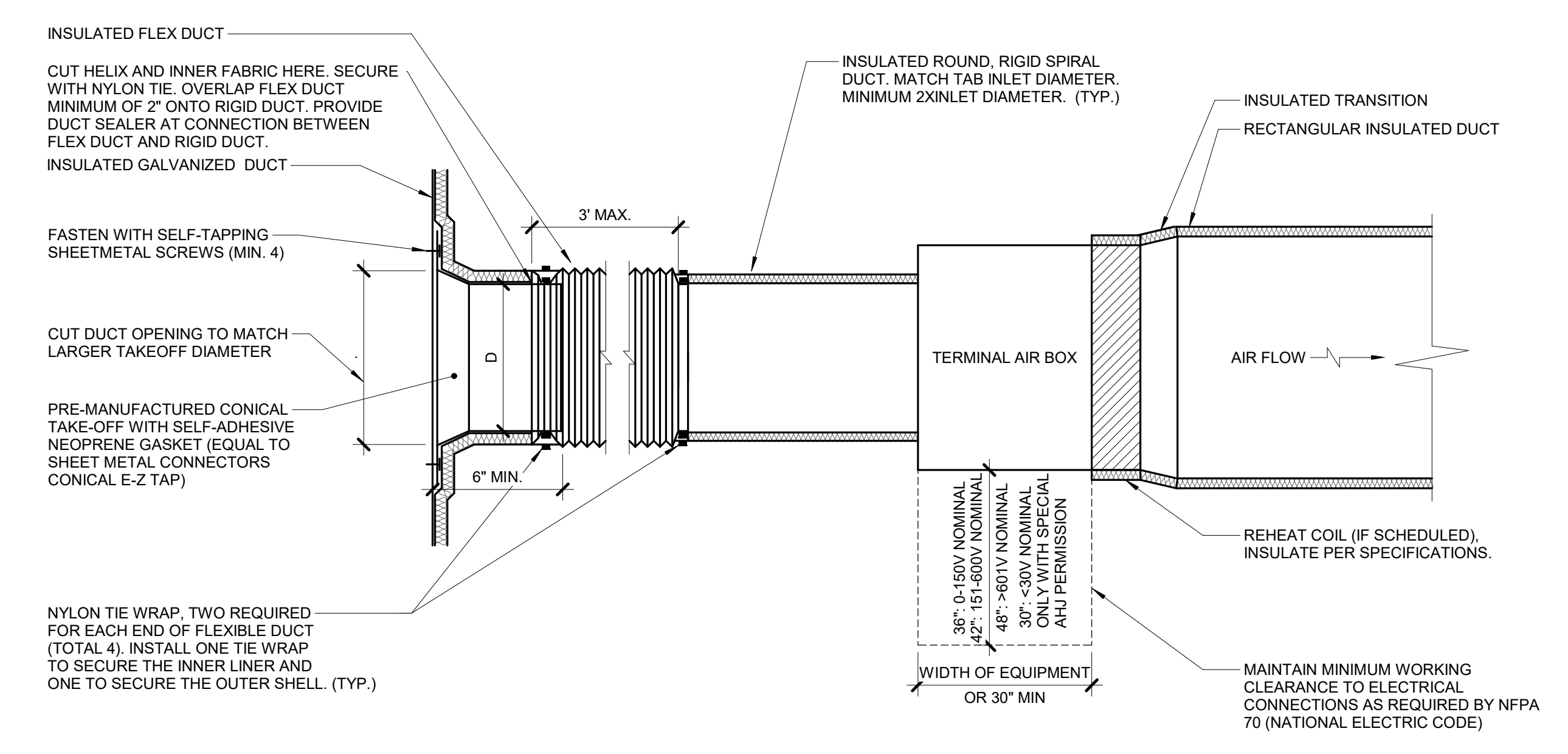
- NOTES:**
1. THIS DETAIL APPLIES ONLY TO TAPS OFF UNLINED DUCTS.
 2. TAP DOES NOT NEED TO BE CONICAL IF THE TAP IS NOT LOCATED BETWEEN FANS AND TERMINAL AIR BOXES. DUCT IS NOT OVER 2" PRESSURE CLASS, AND ROUND DUCT IS NOT OVER 12" DIAMETER.
 3. MANUFACTURED TAP/DAMPER COMBINATIONS WITH LESS THAN 1/2 DUCT DIAMETER SPACING BETWEEN THE MAIN DUCT AND THE DAMPER SHAFT ARE ACCEPTABLE ONLY IF THE DAMPER SHAFT IS INSTALLED PARALLEL TO THE AIR FLOW IN THE MAIN DUCT.

3 **ROUND DUCT TAP CONNECTION (CONICAL/WAPPED)**
NO SCALE



- NOTES:**
1. OFFSET PIPING AND LOCATE UNIONS TO ALLOW REMOVAL OF COIL.

4 **HOT WATER COIL PIPING**
NO SCALE



- NOTES:**
1. THIS DETAIL APPLIES ONLY TO TAPS OFF WRAPPED DUCTS.
 2. THIS DETAIL APPLIES TO TERMINAL AIR BOXES WITH ROUND INLETS AND RECTANGULAR OUTLETS.
 3. DUCT LEADING TO TAB INLET MUST BE STRAIGHT FOR 1.5 DIAMETER UPSTREAM.
 4. MAINTAIN VAPOR BARRIER FROM MAIN TO BRANCH DUCT.

5 **TERMINAL AIR BOX DETAIL (WRAPPED MAIN)**
NO SCALE

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VENTILATION AND PIPING DETAILS

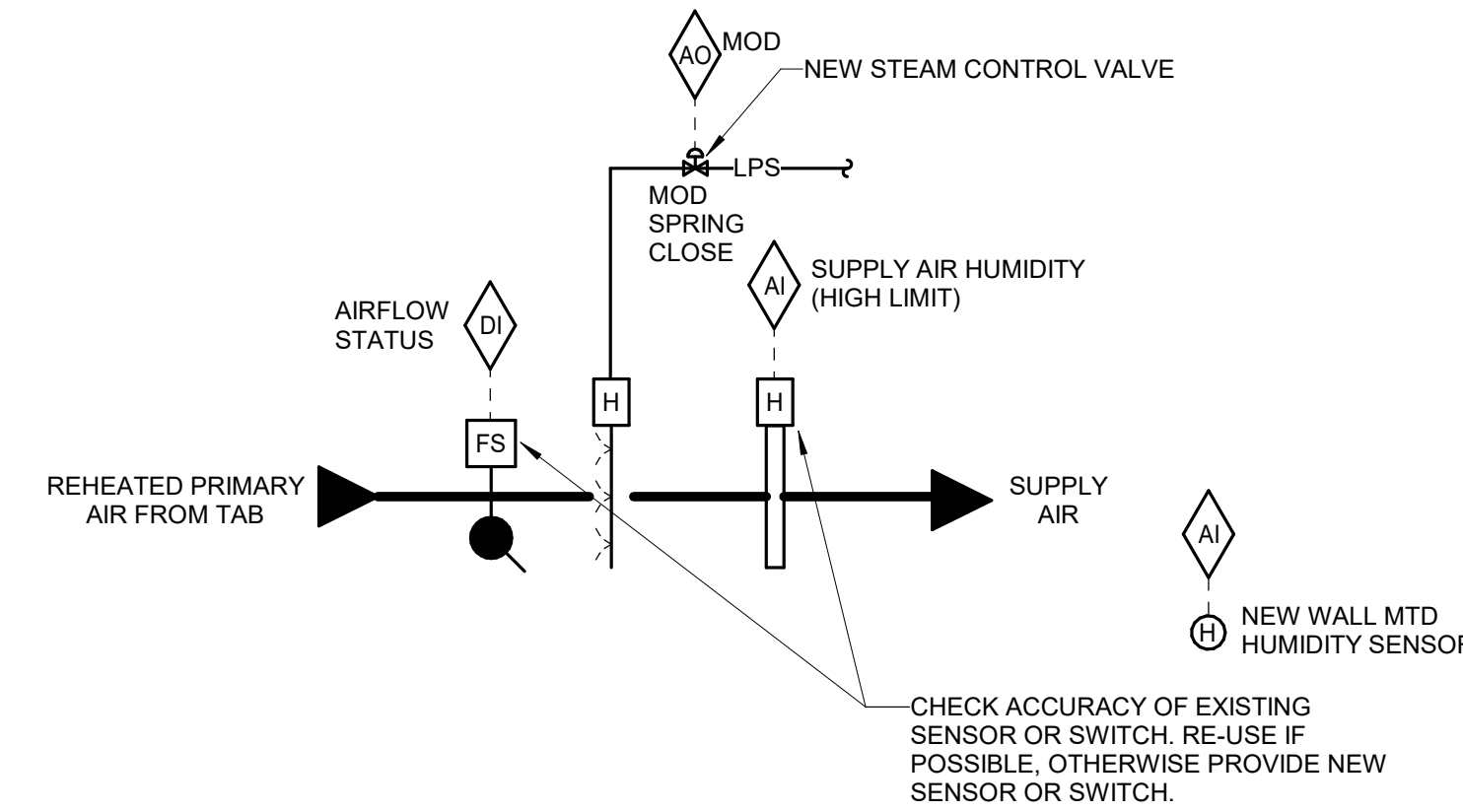
CONTROL SYMBOL LIST

NOT ALL SYMBOLS MAY APPLY.

SYMBOL:	DESCRIPTION:
—CR	CONDENSER WATER RETURN
—CS	CONDENSER WATER SUPPLY
—CS16	CLEAN STEAM - NUMBER INDICATES PRESSURE IN PSIG.
—CWR	CHILLED WATER RETURN
—CWS	CHILLED WATER SUPPLY
—GWR	GLYCOL WATER RETURN
—GWS	GLYCOL WATER SUPPLY
—HCR	HEATING/CHILLED WATER RETURN
—HCS	HEATING/CHILLED WATER SUPPLY
—HPC	HIGH PRESSURE CONDENSATE
—HPS	HIGH PRESSURE STEAM
—HWR	HEATING WATER RETURN
—HWS	HEATING WATER SUPPLY
—LPC	LOW PRESSURE CONDENSATE
—LPS	LOW PRESSURE STEAM
—LWR	LOOP WATER RETURN
—LWS	LOOP WATER SUPPLY
—PC	PUMPED CONDENSATE
—RWR	REHEAT WATER RETURN
—RWS	REHEAT WATER SUPPLY
—VAC	LAB VACUUM
	CONTROL VALVE (THREE-WAY)
	CONTROL VALVE (TWO-WAY)
	SOLENOID VALVE
	CHECK VALVE
	THERMOSTAT
	THERMOSTAT/SENSOR WITH HEAVY DUTY ENCLOSURE
	TEMPERATURE SENSOR (DUCT MOUNTED)
	TEMPERATURE SENSOR WITH WELL
	THERMOMETER WITH WELL (DIAL TYPE)
	THERMOMETER WITH WELL (FILLED TYPE)
	AVERAGING TEMPERATURE SENSOR
	LOW LIMIT TEMPERATURE SWITCH
	PROBE TEMPERATURE SENSOR
	PRESSURE SENSOR (FURNISHED WITH BALL VALVE)
	PRESSURE GAUGE (FURNISHED WITH BALL VALVE)
	DIFFERENTIAL PRESSURE SENSOR
	PRESSURE SENSOR (DUCT MOUNTED)
	STATIC SWITCH
	ANALOG INPUT
	ANALOG OUTPUT
	FLOW METER
	FLOW SWITCH
	FLOW SENSOR
	AIR FLOW SWITCH
	DUCT FLOW METER
	HUMIDIFIER
	DUCT SMOKE DETECTOR
	HEATING/ COOLING COIL
	AIR BLENDER
	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD
	FAN
	MOTOR
	CONTACTOR
	PUMP

TEMPERATURE CONTROLS ABBREVIATION KEY

ABBR:	DESCRIPTION:
EA	EXHAUST/RELIEF AIR
MA	MIXED AIR
MV	MIXING VALVE
N.C.	NORMALLY CLOSED
NIC	NOT IN CONTRACT
N.O.	NORMALLY OPEN
OA	OUTSIDE AIR
TYP	TYPICAL
RA	RETURN AIR
SA	SUPPLY AIR
UON	UNLESS OTHERWISE NOTES

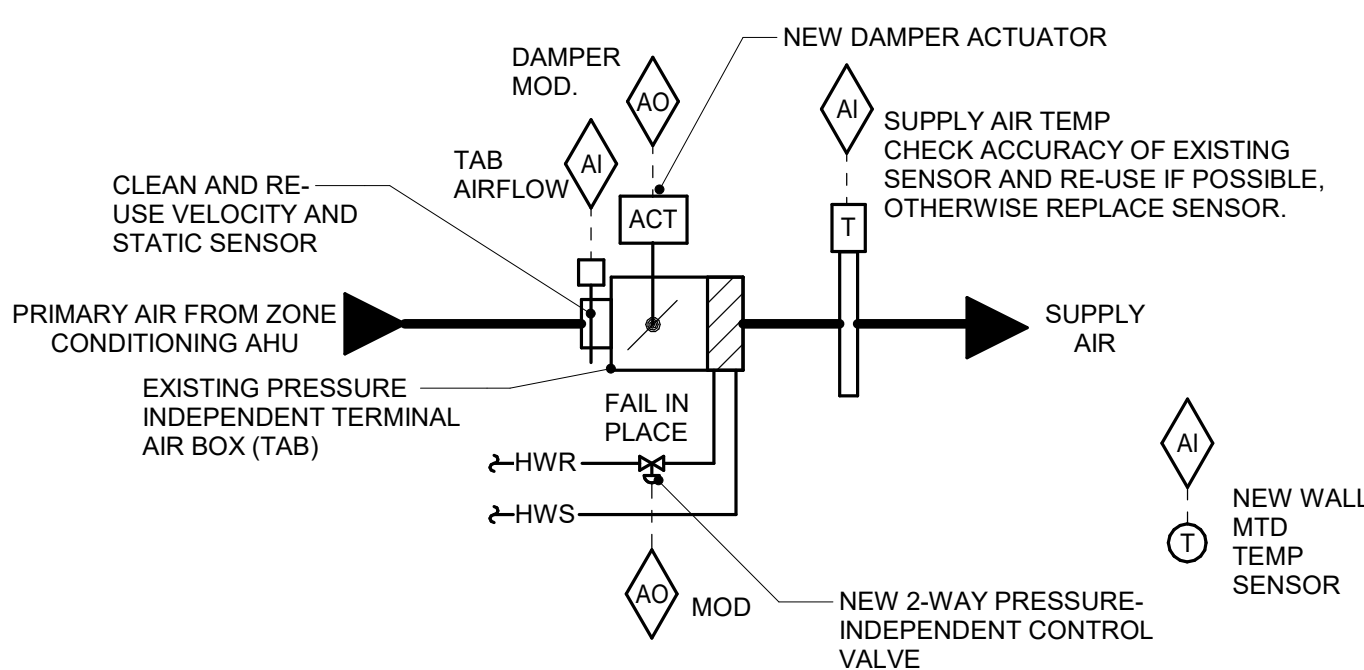


- SEQUENCE OF OPERATION:**
- FMCS TAB CONTROLLER ASSOCIATED WITH THE ZONE SHALL ALSO CONTROL THE HUMIDIFIER.
 - IF AIRFLOW IS PROVEN BY THE AIRFLOW SWITCH, THE HUMIDIFIER CONTROL VALVE SHALL MODULATE TO MAINTAIN THE SPACE HUMIDITY SETPOINT OF 36% RH (ADJ.), BASED ON A WALL MOUNTED HUMIDITY SENSOR.
 - THE HIGH LIMIT CONTROL SHALL OVERRIDE THE CONTROL VALVE TO PREVENT THE SUPPLY AIR HUMIDITY FROM EXCEEDING 85% RH.
 - THE FMCS OPERATOR SHALL HAVE THE ABILITY TO ADJUST AND DISPLAY HUMIDITY AND SETPOINT FROM THE EXISTING FMCS WORKSTATION.

- ALARMS, INTERLOCKS & SAFETIES:**
- SEND AN ALARM TO THE FMCS OPERATOR WORKSTATION IF THE SPACE HUMIDITY IS MORE THAN 10% (ADJ.) BELOW SETPOINT.

1 ZONE HUMIDIFIER CONTROL

NO SCALE



- SEQUENCE OF OPERATION:**
- FMCS TAB CONTROLLER SHALL MODULATE THE TAB DAMPER AND TAB HEATING WATER REHEAT COIL TO MAINTAIN SPACE SETPOINT BASED ON A SIGNAL FROM A WALL MOUNTED TEMPERATURE SENSOR.
 - AT FULL COOLING, THE TAB SHALL BE OPEN TO MAXIMUM CFM POSITION. THE REHEAT COIL CONTROL VALVE SHALL BE CLOSED.
 - UPON A FALL IN SPACE TEMPERATURE, THE TAB SHALL MODULATE CLOSED UNTIL SPACE SETPOINT IS MAINTAINED, OR UNTIL IT REACHES ITS MINIMUM SCHEDULED CFM POSITION (MATCH MINIMUM CFM POSITION OF THE OLD CONTROLLER). THE REHEAT COIL CONTROL VALVE SHALL BE CLOSED.
 - UPON A FURTHER FALL IN SPACE TEMPERATURE, THE REHEAT COIL CONTROL VALVE SHALL MODULATE OPEN TO MAINTAIN SPACE SETPOINT UNTIL THE SUPPLY AIR TEMPERATURE IS 20°F ABOVE ROOM TEMPERATURE SETPOINT.
 - UPON A FURTHER FALL IN SPACE TEMPERATURE, TAB SHALL OPEN TO MAINTAIN SETPOINT UNTIL TAB AIRFLOW REACHES ITS MAXIMUM HEATING SETTING. THE REHEAT CONTROL VALVE SHALL CONTINUE TO MODULATE OPEN TO MAINTAIN MAXIMUM DELTA T LISTED ABOVE.
 - THE FMCS OPERATOR SHALL HAVE THE ABILITY TO ADJUST, OVERRIDE, AND DISPLAY TEMPERATURES AND SET POINTS FROM THE EXISTING FMCS WORKSTATION.

- ALARMS, INTERLOCKS & SAFETIES:**
- SEND AN ALARM TO THE FMCS OPERATOR INTERFACE IF THE SPACE TEMPERATURE IS MORE THAN 10°F (ADJ.) ABOVE OR BELOW SETPOINT.

2 TAB CONTROL W/ HOT WATER REHEAT

NO SCALE

TERMINAL AIR BOX SCHEDULE - SINGLE DUCT

NOTES:
 1. NEITHER RADIATED NOR DISCHARGE SOUND LEVELS SHALL EXCEED NC 35 AT 1.5' INLET STATIC PRESSURE WHEN TESTED PER AHRI STANDARD 885-2008 USING 5/8" 20-LB DENSITY MINERAL FIBER CEILING TILE.
 2. TOTAL AIR PRESSURE DROP OF TAB AND REHEAT COIL SHALL NOT EXCEED 0.50" WC.
 3. HEATING COIL IS BASED ON HEATING AIR FLOW. WATER PRESSURE DROP OF REHEAT COILS SHALL NOT EXCEED 5'. PROVIDE REHEAT COILS SEPARATE FROM BOXES IF REQUIRED TO MEET WATER PRESSURE DROP REQUIREMENTS. WHEN LAT °F, EWT °F, AND GPM VALUES ARE BLANK, HEATING COIL IS NOT REQUIRED FOR TAB.
 4. HEATING COIL SELECTION SHALL BE BASED ON A FIXED LEAVING AIR TEMPERATURE AND VARIABLE FLOW (GPM). PROVIDE FINAL MAXIMUM FLOW RATE (GPM) TO TEST & BALANCE TEMPERATURE CONTROLS CONTRACTORS.

TAG NAME	CFM		HEATING COIL (NOTES 5, 6)				EWT °F	MAX GPM	MIN. INLET SIZE (IN.) DIA.	MANUFACTURER	MODEL (NOTES 1, 2)	NOTES
	COOLING	HEATING	MIN.	EAT °F	LAT °F	°F						
A6-2A131D	600	480	300	55.0	95.0	180	1.4	8"	TITUS	DESV	NOTES 1,2,3,4	

TEMPERATURE CONTROL GENERAL NOTES:

- REFER TO EQUIPMENT SCHEDULES TO CROSS REFERENCE WHICH CONTROL DIAGRAMS APPLY TO WHICH ITEMS OF EQUIPMENT. REFER TO TERMINAL AIR BOX (TAB) SCHEDULES FOR TEMP SENSOR REQUIREMENTS FOR EACH TAB.
- EACH D.I., D.O., A.I. AND A.O. POINT SHOWN FOR ALL CONTROL DIAGRAMS SHALL BE DISCRETE FROM ALL OTHER POINTS EXCEPT AS SPECIFICALLY NOTED.
- ALL WIRING, CONTROL COMPONENTS, DEVICES AND PROGRAMMING SHOWN ON THESE CONTROL DRAWINGS SHALL BE PROVIDED BY THE TCC UNLESS SPECIFICALLY NOTED OTHERWISE.
- TEMPERATURE CONTROL CABLING, CONDUIT, BOXES, IDENTIFICATION: REFER TO THE SPECIFICATIONS FOR A COMPLETE LIST OF REQUIREMENTS.
- ALL ACTUATORS SHALL BE OF THE ELECTRICAL TYPE FOR THIS PROJECT UNLESS AN ACTUATOR IS SPECIFICALLY INDICATED ON THE DRAWINGS OR SPECIFICATIONS TO BE PNEUMATIC.
- MODULATING SIGNALS SHALL BE DISPLAYED AS % OPEN (SIGNALS DISPLAYED AS % CLOSED ARE NOT ACCEPTABLE).
- ALL CONTROL COMPONENTS SUCH AS RELAYS, SWITCHES, DDC CONTROLLERS, ETC. SHALL BE MOUNTED IN STEEL ENCLOSURES WITH STEEL MOUNTING BACKPLATES PER SPECIFICATION 23 09 00.
- EACH CONTROL PANEL SHALL HAVE A LAMINATED COPY OF THE APPLICABLE SEQUENCE OF OPERATION AND CONTROL DIAGRAM INDICATING THE POINTS, COMPONENTS AND OPERATION OF EQUIPMENT ASSOCIATED WITH EACH PANEL. REFER TO SECTION 23 09 00 FOR ADDITIONAL REQUIREMENTS.
- TCC SHALL WIRE THE CONTROL SIGNAL FROM THE ASSOCIATED AIR HANDLING UNIT CONTROL PANEL TO CONTROL THE OPERATION OF SMOKE DAMPERS IN ACCORDANCE WITH SEQUENCE OF OPERATION. TCC SHALL PROVIDE ALL WIRING, CONDUIT, TRANSFORMERS, FUSING AND ALL OTHER ELECTRICAL COMPONENTS REQUIRED FOR COMPLETE INSTALLATION.
- TCC SHALL EXTEND CONTROL SIGNAL FROM ADDRESSABLE RELAY DEVICE SERVING EACH AIR HANDLING UNIT. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS. TCC SHALL EXTEND AND TERMINATE WIRING AS REQUIRED FOR EQUIPMENT SHUTDOWN.
- TCC SHALL PROVIDE LOW VOLTAGE WIRING FROM POWER SUPPLIES TO ALL CONTROLLERS, MONITORS, COMPONENTS AND DEVICES REQUIRING 24 VAC POWER. ADDITIONAL POWER SUPPLIES NOT SHOWN AND REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM SHALL BE PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR. THE TEMPERATURE CONTROL CONTRACTOR SHALL PROVIDE FINANCIAL PROVISIONS WITHIN THEIR BID FOR THE ELECTRICAL CONTRACTOR TO PROVIDE BRANCH POWER TO THE ADDITIONAL POWER SUPPLIES. COORDINATE THE LOCATION OF ADDITIONAL POWER SUPPLY CABINET WITH THE ELECTRICAL CONTRACTOR.
- TCC SHALL PROVIDE THERMOSTATS FOR AUTOMATIC CONTROL OF EQUIPMENT AS REQUIRED BY THESE CONTROL DRAWINGS. THERMOSTAT CONTACT AMP RATING SHALL BE MINIMUM 125% OF THE MAX. CURRENT DRAW FOR THE EQUIPMENT BEING SERVED. WHERE THERMOSTATS CONTROL THE STARTING OF MOTORS (I.E. FANS), THERMOSTATS SHALL BE RATED FOR MOTOR STARTING APPLICATIONS.
- CONTROL DIAGRAMS ARE SCHEMATIC IN NATURE AND DO NOT SHOW ALL REQUIRED CONTROL DEVICES AND COMPONENTS. REFER TO FLOOR PLANS, FLOW DIAGRAMS AND DETAILS FOR ADDITIONAL CONTROL DEVICES, COMPONENTS AND REQUIREMENTS NOT SHOWN ON THESE CONTROL DRAWINGS.
- TCC SHALL PROVIDE ALL CONTROL COMPONENTS AND ACCESSORIES AS REQUIRED FOR EQUIPMENT TO BE CONTROLLED AS DESCRIBED IN THE SEQUENCE OF OPERATION REGARDLESS OF WHETHER ALL CONTROL COMPONENTS OR POINTS ARE SHOWN IN THE ASSOCIATED CONTROL DIAGRAM.

EXISTING TERMINAL AIR BOX BALANCING SCHEDULE

TAG NAME	MIN. INLET SIZE	COOLING MAX.	COOLING MIN.	HEATING MAX.	REHEAT COIL	HUMIDIFIER
A6-2A098	7"	500	250	400	1.3	-
A6-2A099	7"	500	250	400	1.3	-
A6-2A100	7"	500	250	400	1.3	-
A6-2A110	7"	500	250	400	1.1	-
A6-2A14B	12"	970	970	970	2.1	-
A6-2A131	14"	930	470	750	3.0	25
A7-2A130	16"	2160	1080	1750	6.3	25
A7-2A130B	10"	330	330	330	1.2	5
A7-2A130C	10"	280	280	280	1.0	-
A7-2A130D	8"	200	200	200	0.5	-
F1-13	7"	280	280	280	1.0	-

COIL SCHEDULE - WATER

TAG NAME	AREA SERVED	CFM	EAT DB °F	LAT DB °F	TOTAL W.C.	A.P.D. IN.	EWT °F	LWT °F	GPM	W.P.D. FT.	HEAD	LENGTH	HEIGHT
RHC-1	NICU ISO ROOM	340	55.0	105.0	15	0.30	190	160	1.0	5.0	12	10	

SUPPLY/RETURN/EXHAUST AIR VALVE SCHEDULE

NOTES:
 1. PROVIDE ROOM INTEGRATOR TO CONNECT DIRECTLY TO FMCS VIA NETWORK.

TAG NAME	AREA SERVED	COOLING MAX.	MIN.	HEATING MAX.	PRESSURE DROP	AV. INLET SIZE (IN.) DIA.	CONFIGURATION	CONTROL TYPE	MANUFACTURER	MODEL
EAV-1	NICU ISO ROOM	460	460	460	0.05 FT	10"	HORIZONTAL	VARIABLE VOLUME WITH ELECTRIC ACTUATOR AND FLOW FEEDBACK	CRC	CLV-VV
SAV-1	NICU ISO ROOM	340	340	340	0.05 FT	8"	HORIZONTAL	VARIABLE VOLUME WITH ELECTRIC ACTUATOR AND FLOW FEEDBACK	CRC	CLV-

AIR TERMINAL SCHEDULE

NOTES:
 1. CONTRACTOR SHALL DETERMINE PROPER BORDER TYPE TO MATCH CEILING CONSTRUCTION.
 2. REFER TO DRAWINGS FOR NECK SIZE. ALL BRANCH DUCTWORK TO AIR TERMINALS SHALL BE NECK SIZE UNLESS NOTED OTHERWISE.

TAG NAME	FACE SIZE (IN.)	TYPE	BORDER (NOTE 1)	MATERIAL	FINISH	VOLUME DAMPER REQUIRED	MANUFACTURER	MODEL	NOTES
EG-1	NECK SIZE *2	LOUVERED FACE GRILLE, 45 DEG. DEFLECTION	SURFACE MOUNT	STEEL	WHITE	NO	TITUS	23RL	
RG-1	24x12	LOUVERED FACE GRILLE, 45 DEG. DEFLECTION	LAY-IN	STEEL	WHITE	NO	TITUS	23RL	OMIT SCREW HOLES
SD-1	24x24	SQUARE PLAUQUE DIFFUSER	LAY-IN	STEEL	WHITE	NO	TITUS	OMNI	
SD-2	24" LONG (2) 1-1/2" SLOTS	ADJUSTABLE PLENUM SLOT DIFFUSER	LAY-IN	ALUMINUM	WHITE ON T-BARS, BLACK INTERIOR	NO	TITUS	TBD-80	PROVIDE CENTER T-BAR AND (1) SIDE T-BAR. ADJUST PATTERN CONTROLLERS TO THROW HALF THE AIR VERTICALLY IN FRONT OF WINDOWS AND HALF HORIZONTALLY AWAY FROM WINDOWS
SD-3	48" LONG (2) 1-1/2" SLOTS	ADJUSTABLE PLENUM SLOT DIFFUSER	LAY-IN	ALUMINUM	WHITE ON T-BARS, BLACK INTERIOR	NO	TITUS	TBD-80	PROVIDE CENTER T-BAR AND (1) SIDE T-BAR. ADJUST PATTERN CONTROLLERS TO THROW HALF THE AIR VERTICALLY IN FRONT OF WINDOWS AND HALF HORIZONTALLY AWAY FROM WINDOWS

Professional Engineer
 Bruce E. Hart - Engineer
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Saint Luke's East Hospital

MOTHER BABY FINISH UPGRADES

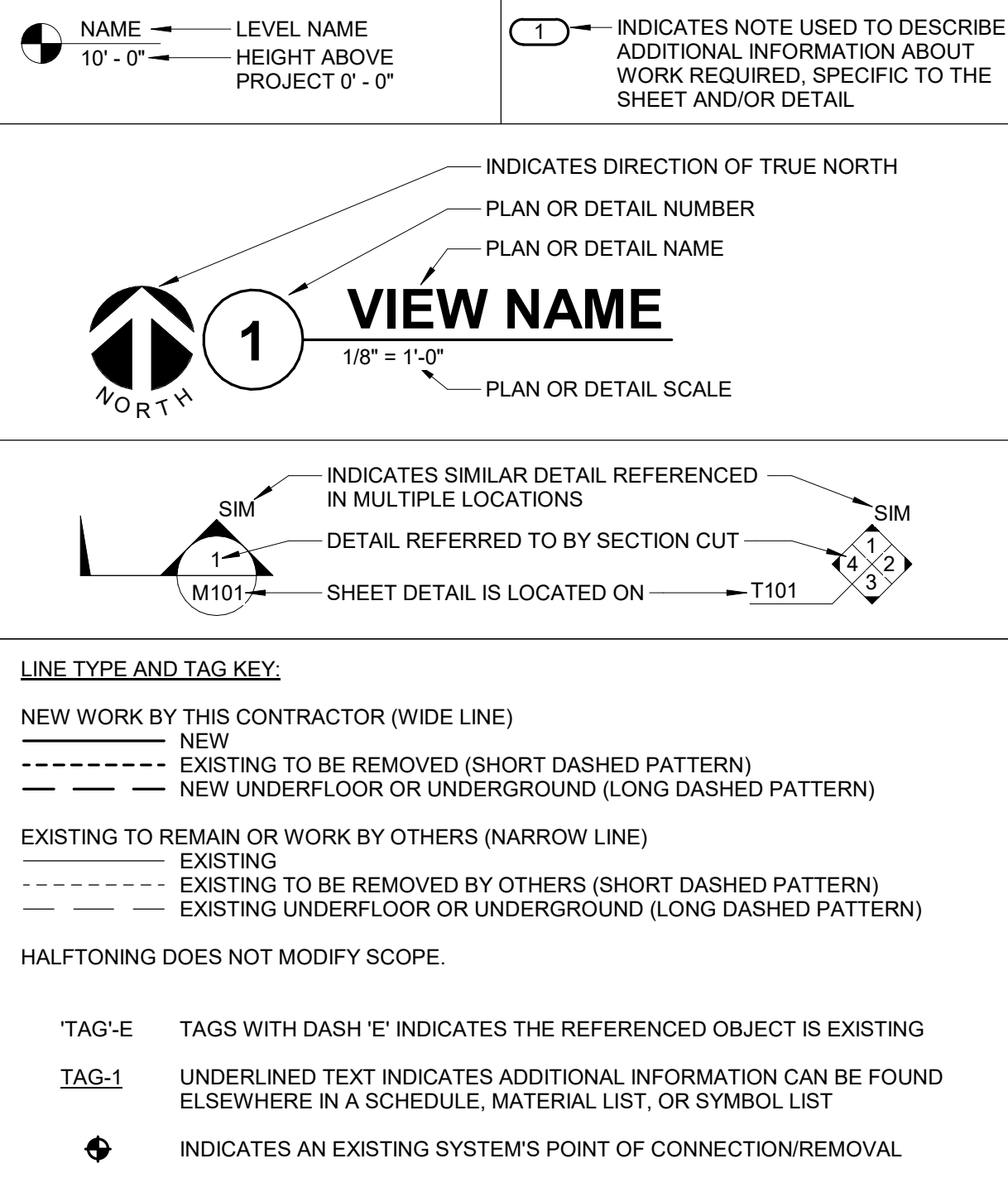
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Revision

Number	Date	Description
4	10/01/21	ASI #4
6	10/21/21	ASI #6
10	05/13/22	ASI #10

VIEW KEY



CONTRACTOR ABBREVIATION KEY

ABBR:	DESCRIPTION:
A.C.	ASBESTOS ABATEMENT CONTRACTOR
A.V.C.	AUDIOVISUAL CONTRACTOR
C.C.	CIVIL CONTRACTOR
C.M.	CONSTRUCTION MANAGER
E.C.	ELECTRICAL CONTRACTOR
F.P.C.	FIRE PROTECTION CONTRACTOR
F.S.C.	FOOD SERVICE CONTRACTOR
G.C.	GENERAL CONTRACTOR
H.C.	HEATING CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
N.C.C.	NURSE CALL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
S.C.	SECURITY CONTRACTOR
T.C.	TECHNOLOGY CONTRACTOR
T.C.C.	TEMPERATURE CONTROLS CONTRACTOR
V.C.	VENTILATION CONTRACTOR

PLUMBING SYMBOL LIST

NOT ALL SYMBOLS MAY APPLY.

SYMBOL:	DESCRIPTION:
—AV—	ACID VENT
—AW—	ACID WASTE
—CA—	COMPRESSED AIR
—CO2—	CARBON DIOXIDE
—CW—	COLD WATER - POTABLE
—D—	DRAIN
—DI—	DEIONIZED WATER
—DMG—	DRAIN - MEDICAL GAS
—DT—	DRAIN TILE
—EA—	MEDICAL EQUIPMENT AIR
—G—	NATURAL GAS
—GRV—	GAS REGULATOR VENT
—GSAN—	SANITARY DRAINAGE (GREASE SANITARY DRAINAGE)
—GV—	GREASE VENT
—HW—	HOT WATER - POTABLE
—HWC—	HOT WATER CIRCULATING - POTABLE
—HW140—	HOT WATER - POTABLE NUMBER INDICATES TEMP
—HWC140—	HOT WATER CIRC. - POTABLE NUMBER INDICATES TEMP
—IA—	INSTRUMENT AIR
—MA—	MEDICAL AIR
—MPG—	MEDIUM PRESSURE GAS
—MV—	MEDICAL VACUUM
—N—	NITROGEN
—NCW—	NON-POTABLE COLD WATER
—NHW—	NON-POTABLE HOT WATER
—NO—	NITROUS OXIDE
—OR—	OIL RETURN
—OS—	OIL SUPPLY
—O—	OXYGEN
—P—	PROPANE GAS
—PD—	PUMPED DISCHARGE
—PW—	PURE WATER
—RO—	REVERSE OSMOSIS WATER
—SAN—	SANITARY DRAINAGE
—SCW—	SOFT COLD WATER
—SHW—	SOFT HOT WATER
—ST(1,000)—	STORM DRAINAGE (ROOF SQUARE FOOTAGE)
—STS—	STORM DRAINAGE (SECONDARY)
—STW—	SOFT TEMPERED WATER
—TW—	TEMPERED WATER
—V—	VENT
—VAC—	LAB VACUUM
—W—	SERVICE WATER - POTABLE
—WAGD—	WASTE ANESTHESIA GAS DISPOSAL
→	PIPE CONTINUATION
○	PIPE CAP
○	PIPE DOWN
○	PIPE UP OR UP/DOWN
○	PIPE SERVING FIXTURE ON FLOOR ABOVE (EXAMPLE: FD = FLOOR DRAIN)
→	PITCH PIPE IN DIRECTION
→	DIRECTION OF FLOW IN PIPE
→	ROUTE TO DRAIN
RD-1 6"(1000)	ROOF DRAIN PROPERTIES SYMBOL SIZE (ROOF SQ. FT.)
—	DIELECTRIC CONNECTION
—	UNION/FLANGE
—	SHUTOFF VALVE NORMALLY OPEN
—	SHUTOFF VALVE NORMALLY CLOSED
—GPM	BALANCING VALVE (NUMBER INDICATES GPM)
—	CHECK VALVE
—	BACKFLOW PREVENTER
—	SOLENOID VALVE
—	"WYE" - STRAINER
—	"WYE" - STRAINER W/SHUTOFF VALVE AND HOSE CONNECTION WITH CAP
—	FLEXIBLE CONNECTION
—	MANUAL AIR VENT
—	DRAIN VALVE WITH HOSE CONNECTION AND CAP
—	SAFETY/RELIEF VALVE
—	VACUUM BREAKER
—	PRESSURE GAUGE (FURNISHED WITH BALL VALVE)
—	PRESSURE SENSOR (FURNISHED WITH BALL VALVE)
—	TEMPERATURE SENSOR WITH WELL
—	THERMOMETER WITH WELL (DIAL TYPE)
—	THERMOMETER WITH WELL (FILLED TYPE)
—	REDUCER - REFERENCE SPECIFICATION FOR CONCENTRIC/ECCENTRIC AND FOT/FOB
—	PRESSURE REDUCING VALVE (LIQUID/GAS)
—	PUMP
—	METER
—	ALIGNMENT GUIDE
—	PIPE ANCHOR
—	EXPANSION JOINT
—	VALVE BOX
—	MEDICAL GAS OUTLET (MGO)
—	ALARM PANEL
—	HEADWALL
—	SINGLE GAS OUTLET (AIR)
—	SINGLE GAS OUTLET (OXYGEN)
—	SINGLE GAS OUTLET (VACUUM)
—	NITROGEN PRESSURE CONTROL CABINET
—	PRESSURE TRANSDUCER WITH ALARM WIRING

PLUMBING ABBREVIATION KEY

ABBR:	DESCRIPTION:
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BT	BATHTUB
CB	CATCH BASIN
CI	CAST IRON
CO	CLEANOUT
CS	CLINICAL SINK
DB	DIALYSIS BOX
DF	DRINKING FOUNTAIN
DI	DUCTILE IRON
E	EXISTING
EE	EMERGENCY EYEWASH
ES	EMERGENCY SHOWER
ESE	EMERGENCY SHOWER/EYEWASH
EVC	ELECTRIC WATER COOLER
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FM	FLOW METER
FS	FLOOR SINK
GD	GARBAGE DISPOSER
GI	GREASE INTERCEPTOR
HB	HOSE BIBB
I.E.	INVERT ELEVATION (FOR REFERENCE ONLY)
LAV	LAVATORY
MB	MOP BASIN
MH	MANHOLE
MV	MIXING VALVE
N.C.	NORMALLY CLOSED
NIC	NOT IN CONTRACT
N.O.	NORMALLY OPEN
NT	NEUTRALIZATION TANK
OS	OIL SEPARATOR
RD	ROOF DRAIN
SCCR	SHORT CIRCUIT CURRENT RATING
SH	SHOWER
SK	SINK
SS	SERVICE SINK
TD	TRENCH DRAIN
TP	TRAP PRIMER
TYP	TYPICAL
UR	URINAL
VTR	VENT THROUGH ROOF
WC	WATER CLOSET
WCO	WALL CLEANOUT
WF	WASH FOUNTAIN
WH	WATER HEATER
WMF	WASHING MACHINE FIXTURE
WM	WATER METER
WS	WATER SOFTENER
UB	UTILITY BOX
UNO	UNLESS NOTED OTHERWISE
YCO	YARD CLEANOUT

MECHANICAL RENOVATION NOTES:

- THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, MEDICAL GAS, VENTILATION, PIPING AND TEMPERATURE CONTROL.
- EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
 - NOT ALL EXISTING DUCTWORK AND PIPING IS SHOWN. VERIFY EXISTING CONDITIONS BEFORE STARTING WORK. NOTIFY ENGINEER OF ANY CONFLICTS WITH NEW WORK.
 - FIELD VERIFY THE AVAILABLE CLEARANCES FOR DUCTWORK AND PIPING BEFORE FABRICATION. RISERS AND DROPS MAY BE NECESSARY BECAUSE OF EXISTING FIELD CONDITIONS.
 - EACH CONTRACTOR SHALL FIELD VERIFY ACCESSIBILITY TO THE AREA OF HIS/HER WORK AND SHALL NOTIFY THE PRIOR TO BIDDING IF OTHER UTILITIES ARE REQUIRED TO BE REMOVED OR RELOCATED TO ALLOW ACCESS TO HIS/HER AREA OF WORK.
 - THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CUTTING, REMOVAL, AND PATCHING OF ROOFS, WALLS, AND FLOORS ASSOCIATED WITH WORK BY ALL CONTRACTORS. CONTRACTORS SHALL NOTIFY THE GC OF AFFECTED AREAS PRIOR TO BIDDING.
 - THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF CEILING, CEILING TILES, AND CEILING GRIDS ASSOCIATED WITH AREAS OF WORK BY ALL CONTRACTORS. NOTIFY THE GENERAL CONTRACTOR OF AFFECTED AREAS PRIOR TO BIDDING.
 - WHERE EXISTING MECHANICAL SYSTEMS ARE LOCATED IN AREAS THAT CONFLICT WITH NEW EQUIPMENT, PIPING, OR DUCTWORK TO BE INSTALLED, EACH CONTRACTOR SHALL EITHER ARRANGE NEW EQUIPMENT, PIPING, OR DUCTWORK IN SUCH A FASHION THAT IT DOES NOT CONFLICT WITH EXISTING SYSTEMS, OR REWORK EXISTING MECHANICAL SYSTEMS TO ALLOW FOR INSTALLATION OF NEW EQUIPMENT, PIPING, OR DUCTWORK.
 - PROVIDE TEMPORARY CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING CONSTRUCTION. MAINTAIN ACCESS TO EXISTING MECHANICAL INSTALLATIONS THAT REMAIN ACTIVE.
 - OBTAIN PERMISSION FROM OWNER BEFORE SHUTTING DOWN ANY SYSTEM FOR ANY REASON. MAINTAIN SERVICE TO ALL COMPONENTS THAT ARE TO REMAIN UNTIL NEW SYSTEMS ARE INSTALLED.
 - MAINTAIN EXISTING SYSTEM IN SERVICE UNTIL NEW SYSTEM IS COMPLETE AND READY FOR TIE IN AND SWITCHOVER. DRAIN SYSTEM ONLY TO MAKE SWITCHOVERS AND CONNECTIONS. OBTAIN PERMISSION FROM OWNER BEFORE PARTIALLY OR COMPLETELY DRAINING SYSTEM. MAKE CHANGEOVER TO NEW SYSTEMS WITH MINIMUM OUTAGE.

MECHANICAL PHASING NOTES:

- THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, MEDICAL GAS, VENTILATION, PIPING AND TEMPERATURE CONTROL.
- REFER TO ARCHITECTURAL DRAWINGS FOR GENERAL DESCRIPTION OF PHASES. REFER TO GENERAL CONTRACTOR'S INSTRUCTIONS FOR MORE DETAILS AND PHASING SCHEDULES AND FOR CONCURRENT WORK. MECHANICAL, ELECTRICAL, AND TECHNOLOGY DRAWINGS DEPICT THE INTENT OF THE FINAL DESIGN. THE MECHANICAL, ELECTRICAL, AND TECHNOLOGY DRAWINGS DO NOT DEPICT THE MEANS AND METHODS TO MEET THE REQUIREMENTS OF THE PHASING CRITERIA.
 - REVIEW PROJECT PHASING PLANS TO COORDINATE DEMOLITION WORK, OUTAGES, ETC. WITH AFFECTED ADJACENT AREAS.
 - PROVIDE TEMPORARY DUCTWORK, PIPING, SHUTOFF VALVES, ZONE VALVES, ZONE ALARMS, ETC. AS NEEDED TO MAINTAIN SERVICE TO ALL AREAS DURING ALL PHASES OF PROJECT.
 - INSTALL TEMPORARY DUCTWORK, PIPING, SHUTOFF VALVES, ETC. AS NECESSARY TO KEEP ALL OCCUPIED SPACES OPERATIONAL THROUGHOUT ALL PHASES OF THE PROJECT.
 - PHASE DEMOLITION WORK TO MINIMIZE DOWNTIME.

PLUMBING GENERAL NOTES:

- THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, MEDICAL GAS, VENTILATION, PIPING AND TEMPERATURE CONTROL.
- THE SYMBOLS AND THE MATERIAL LIST ARE FOR THE CONVENIENCE OF THE CONTRACTOR. CONTRACTOR SHALL VERIFY QUANTITIES AND FURNISH ALL MATERIALS REQUIRED FOR FULLY OPERATIONAL SYSTEMS, WHETHER SPECIFIED OR NOT.
 - CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE, BUT ARE GIVEN AS AN AID TO THE CONTRACTOR AND TO INDICATE THE QUALITY REQUIRED. CONTRACTOR IS RESPONSIBLE FOR A COMPLETE DESCRIPTION OF MATERIAL ON THESE DRAWINGS AND IN THE SPECIFICATIONS BEFORE ORDERING. THE DESCRIPTION OF THE MATERIAL TAKES PRECEDENCE OVER THE CATALOG NUMBER. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN.
 - CONTRACTOR SHALL VERIFY THAT FIXTURES SUPPLIED ARE APPROVED PER ALL APPLICABLE STATE, LOCAL, AND GOVERNING AUTHORITIES.
 - ALL FIXTURES SHALL CONFORM TO FEDERAL ACT 5, 3074.
 - INVERT ELEVATIONS ARE FROM EXISTING DRAWINGS AND MAY NOT BE ACCURATE. VERIFY ALL ELEVATIONS BEFORE BEGINNING WORK.
 - VERIFY UNDERGROUND PIPE SIZES, INVERT ELEVATIONS, AND LOCATIONS PRIOR TO BEGINNING ANY WORK.
 - REFER TO THE PLUMBING ROUGH-IN SCHEDULE FOR THE SIZES OF BRANCH PIPES TO PLUMBING FIXTURES.
 - FOR CLARITY, NOT ALL VALVES HAVE BEEN SHOWN. PROVIDE SHUTOFF VALVES IN DOMESTIC WATER PIPING SERVING EACH ROOM WITH FIXTURES. ANGLE STOPS SHALL NOT BE CONSIDERED SHUTOFF VALVES.
 - EXISTING CONDITIONS ON DEMOLITION PLANS ARE PROVIDED TO INDICATE THE GENERAL SCOPE OF ITEMS TO BE REMOVED. REFER TO SPECIFICATION SECTION 22 05 05 FOR ADDITIONAL DEMOLITION INFORMATION.
 - P.C. SHALL CUT AND PATCH EXISTING AS REQUIRED FOR NEW OR DEMOLITION WORK UNLESS NOTED OTHERWISE. REFER TO SPECIFICATION SECTION 22 05 05 FOR ADDITIONAL INFORMATION.

MEDICAL GAS GENERAL NOTES:

- THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, MEDICAL GAS, VENTILATION, PIPING AND TEMPERATURE CONTROL.
- THE SYMBOLS AND THE MATERIAL LIST ARE FOR THE CONVENIENCE OF THE CONTRACTOR. CONTRACTOR SHALL VERIFY QUANTITIES AND FURNISH ALL MATERIALS REQUIRED FOR FULLY OPERATIONAL SYSTEMS, WHETHER SPECIFIED OR NOT.
 - CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE, BUT ARE GIVEN AS AN AID TO THE CONTRACTOR AND TO INDICATE THE QUALITY REQUIRED. CONTRACTOR IS RESPONSIBLE FOR A COMPLETE DESCRIPTION OF MATERIAL ON THESE DRAWINGS AND IN THE SPECIFICATIONS BEFORE ORDERING. THE DESCRIPTION OF THE MATERIAL TAKES PRECEDENCE OVER THE CATALOG NUMBER. THE FIRST MANUFACTURER IS THE BASIS OF DESIGN.
 - INSTALL WALL MOUNTED OUTLETS 160" AFF UNLESS NOTED OTHERWISE. COORDINATE ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
 - REFER TO MEDICAL GAS MATERIAL LIST FOR PIPE SIZES TO INDIVIDUAL OUTLETS.

MECHANICAL GENERAL NOTES:

- THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, MEDICAL GAS, VENTILATION, PIPING AND TEMPERATURE CONTROL.
- DRAWINGS SHOWING LOCATIONS OF EQUIPMENT, DUCTWORK, PIPING, ETC. ARE DIAGRAMMATIC AND MAY NOT ALWAYS REFLECT EXACT INSTALLATION CONDITIONS. DRAWINGS SHOW THE GENERAL ARRANGEMENT OF DUCTWORK, PIPING, EQUIPMENT, ETC., AND MAY NOT INCLUDE ALL OFFSETS AND FITTINGS REQUIRED FOR COMPLETE INSTALLATION. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING CONSTRUCTION AND THE WORK OF OTHERS WILL PERMIT.
 - DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CLEARANCES FROM ARCHITECTURAL, STRUCTURAL, SUBMITTALS, AND OTHER APPROPRIATE DRAWINGS OR ALARMS, ETC. AS NEEDED TO MAINTAIN SERVICE TO ALL AREAS DURING ALL PHASES OF PROJECT.
 - COORDINATE ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION TO PROVIDE CLEARANCES REQUIRED FOR OPERATION, MAINTENANCE, CODE COMPLIANCE, AND TO VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF NECESSARY CLEARANCES FOR ALL TRADES. BRING ANY INTERFERENCES OR CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH FABRICATION OR EQUIPMENT ORDERS.
 - REVIEW SPACE REQUIREMENTS OF EQUIPMENT SPECIFIED OR SUBSTITUTED AND MAKE REASONABLE ACCOMMODATIONS IN LAYOUT AND POSITIONING TO PROVIDE PROPER ACCESS.
 - ANY CHANGES REQUIRED TO ELIMINATE CONFLICTS OR THAT RESULT FROM A FAILURE TO COORDINATE SHALL BE MADE BY THE CONTRACTOR WITHOUT ADDITIONAL COST OR EXPENSE TO OTHERS.
 - EACH CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH ELECTRICAL CHANGES REQUIRED FOR EQUIPMENT PROPOSED THAT DIFFERS FROM THE BASIS OF DESIGN.
 - REFER TO ARCHITECTURAL REFLECTED CEILING PLAN, ELECTRICAL, TECHNOLOGY AUDIOVISUAL, AND OTHER MECHANICAL PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES, OTHER THAN SPRINKLERS.
 - EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO WALLS, FLOORS, CEILINGS, AND ROOFS. THE CONTRACTOR WHOSE WORK CAUSES DAMAGE IS RESPONSIBLE FOR PATCHING TO MATCH ORIGINAL CONSTRUCTION, FIRE RATING, AND FINISH.
 - IN AREAS WITH DRYWALL CEILINGS COORDINATE LOCATIONS OF ACCESS PANELS WITH THE GC FOR ACCESS TO VALVES, DUCTWORK ACCESSORIES, DAMPERS, ETC. COORDINATE PANEL TYPE AND COLOR WITH ARCHITECT. NOTIFY THE GC OF THE REQUIRED ACCESS PANELS PRIOR TO BIDDING.
 - SEAL ALL FLOOR, WALL, PENETRATIONS AIRTIGHT WHERE CONDUITS, PIPING, AND DUCTS PENETRATE.
 - CAULK ALL PIPE AND DUCT PENETRATIONS OF FULL HEIGHT NON-FIRE RATED WALL, PARTITION, FLOOR, AND ROOF ASSEMBLIES. THIS IS ESSENTIAL TO PREVENT NOISE TRANSMISSION FROM ONE ROOM TO ANOTHER AND TO PROVIDE THE DESIRED NC LEVELS WITHIN ROOMS.
 - WHERE PIPES AND DUCTS ARE SHOWN TO PENETRATE FLOORS, PROVIDE SLEEVED OPENINGS WITH THE TOP EDGE RAISED ABOVE FLOOR SURFACE IN ACCORDANCE WITH ALL RELEVANT SPEC SECTIONS. SEAL SLEEVE PERIMETER TO BE WATERTIGHT.
 - EQUIPMENT SIZES AND SERVICE CLEARANCE REQUIREMENTS VARY AMONG DIFFERENT MANUFACTURERS. CONSULT APPROVED SHOP DRAWINGS FOR EQUIPMENT SIZES AND REQUIRED SERVICE CLEARANCES. COORDINATE WITH LAYOUT OF EQUIPMENT PADS, PIPING, DUCTWORK, ETC.
 - DO NOT BLOCK TUBE PULL OR EQUIPMENT SERVICE CLEARANCES.
 - MAINTAIN MINIMUM 3'-6" CLEARANCE IN FRONT OF ALL ELECTRICAL PANELS, MOTOR STARTERS, SWITCHES, AND DISCONNECTS.
 - PROVIDE CONCRETE EQUIPMENT PAD FOR ALL FLOOR MOUNTED EQUIPMENT. PAD SHALL EXTEND MINIMUM 6" BEYOND ALL SIDES OF EQUIPMENT.
 - DO NOT SUPPORT EQUIPMENT, PIPING, OR DUCTWORK FROM METAL DECKING OR OTHER NON-STRUCTURAL BUILDING ELEMENTS. ANCHORS EMBEDDED IN CONCRETE SHALL BE CRACKED CONCRETE APPROVED IN ACCORDANCE WITH SPECIFICATIONS.



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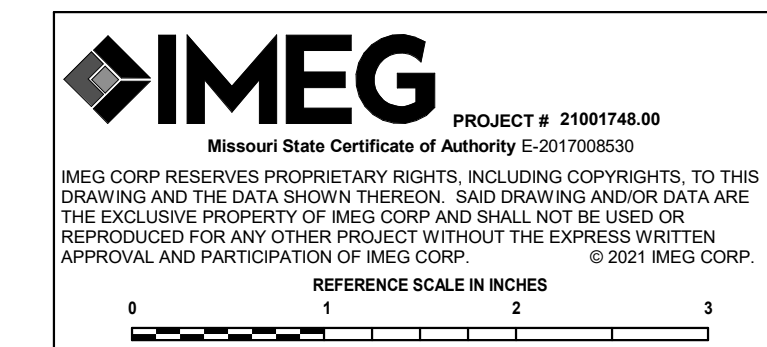


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MOTHER BABY FINISH UPGRADES
100 NE St Lukes Blvd
Lee's Summit, MO 64086

Date	04/15/2021
Job Number	3-21004
Drawn By	Author
Checked By	Checker

Revision		
Number	Date	Description
4	10/01/21	ASI #4



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SHEET NOTES:

1. REFER TO GENERAL NOTES ON SHEET P000. BEFORE CORE DRILLING ANY HOLES, LOCATE REBAR IN SLAB BY X-RAY OR WITH RE-METER. IF REBAR IS ENCOUNTERED WITHIN THE PROPOSED LOCATION OF THE HOLE, THEN EITHER RELOCATE THE HOLE TO MISS REBAR, OR IF HOLE CANNOT BE RELOCATED, CONTACT ARCHITECT FOR APPROVAL PRIOR TO CORE DRILLING. DO NOT CORE ANY HOLES THROUGH BEAMS OR JOISTS WITHOUT APPROVAL OF ARCHITECT.

KEYNOTES:

1. FIELD VERIFY CONTENTS OF PIPING (THOUGHT TO BE SANITARY WASTE) AND WHETHER IT MUST REMAIN. IF POSSIBLE, REMOVE PIPING ABOVE SECOND FLOOR CEILING AND DOWN THRU SLAB. IF PIPING MUST REMAIN, CUT AND REMOVE IT AS REQUIRED TO RELOCATE THE RISER, PROTECT UPSTREAM PIPING FOR NEW CONNECTION. PATCH SLAB AS REQUIRED.
2. DISCONNECT AND REMOVE FIXTURE, INCLUDING ACCESSORIES, AND REMOVE WATER, WASTE, AND VENT PIPING BACK TO MAINS AND CAP AT MAINS. PATCH SLAB AS REQUIRED.
3. CUT AND REMOVE HOT, COLD AND VENT PIPING NOT REQUIRED TO REMAIN. PROTECT REMAINING PIPING FOR NEW CONNECTIONS. RE: SHEET P202.1.

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 4-15-21
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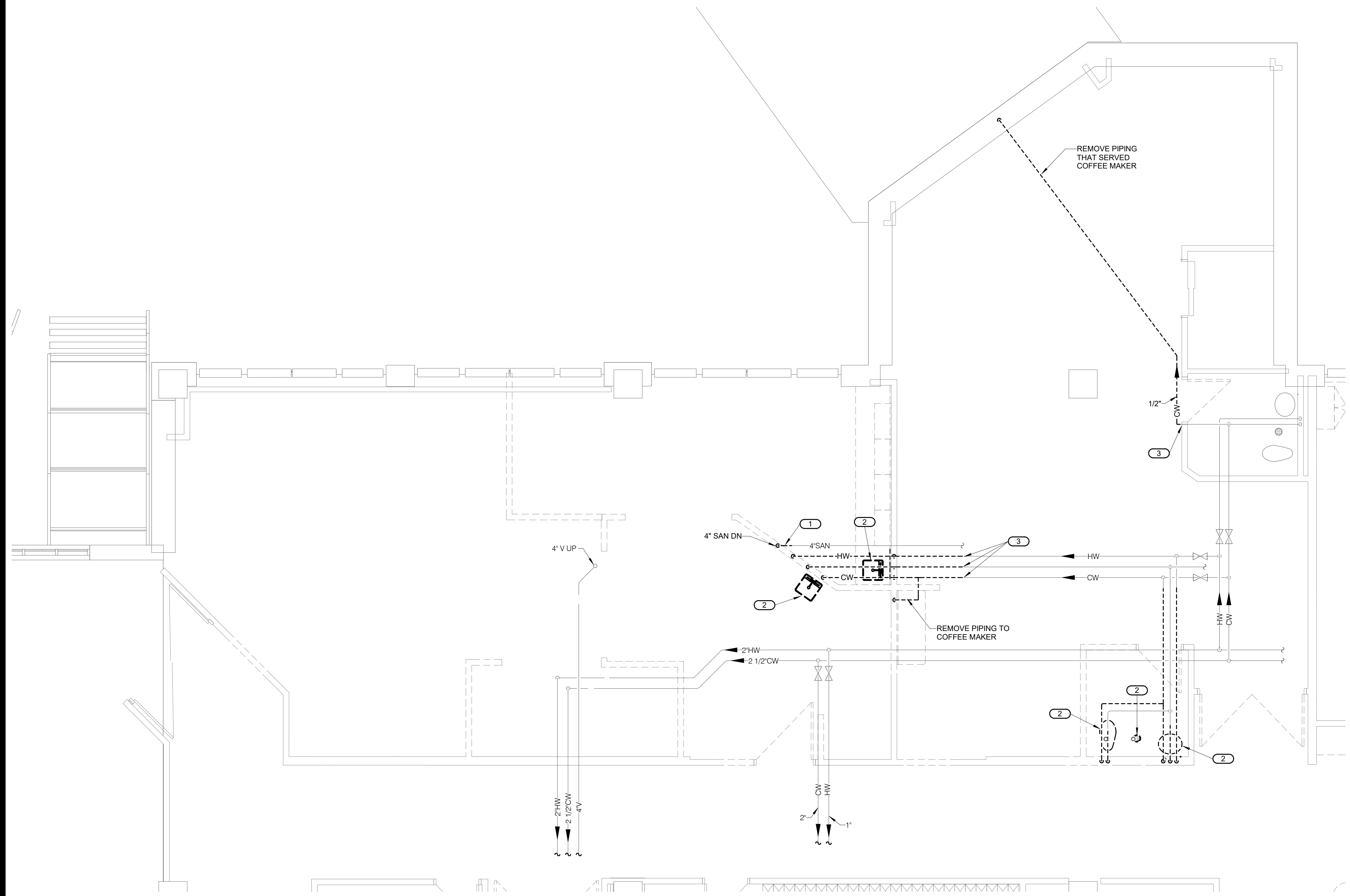
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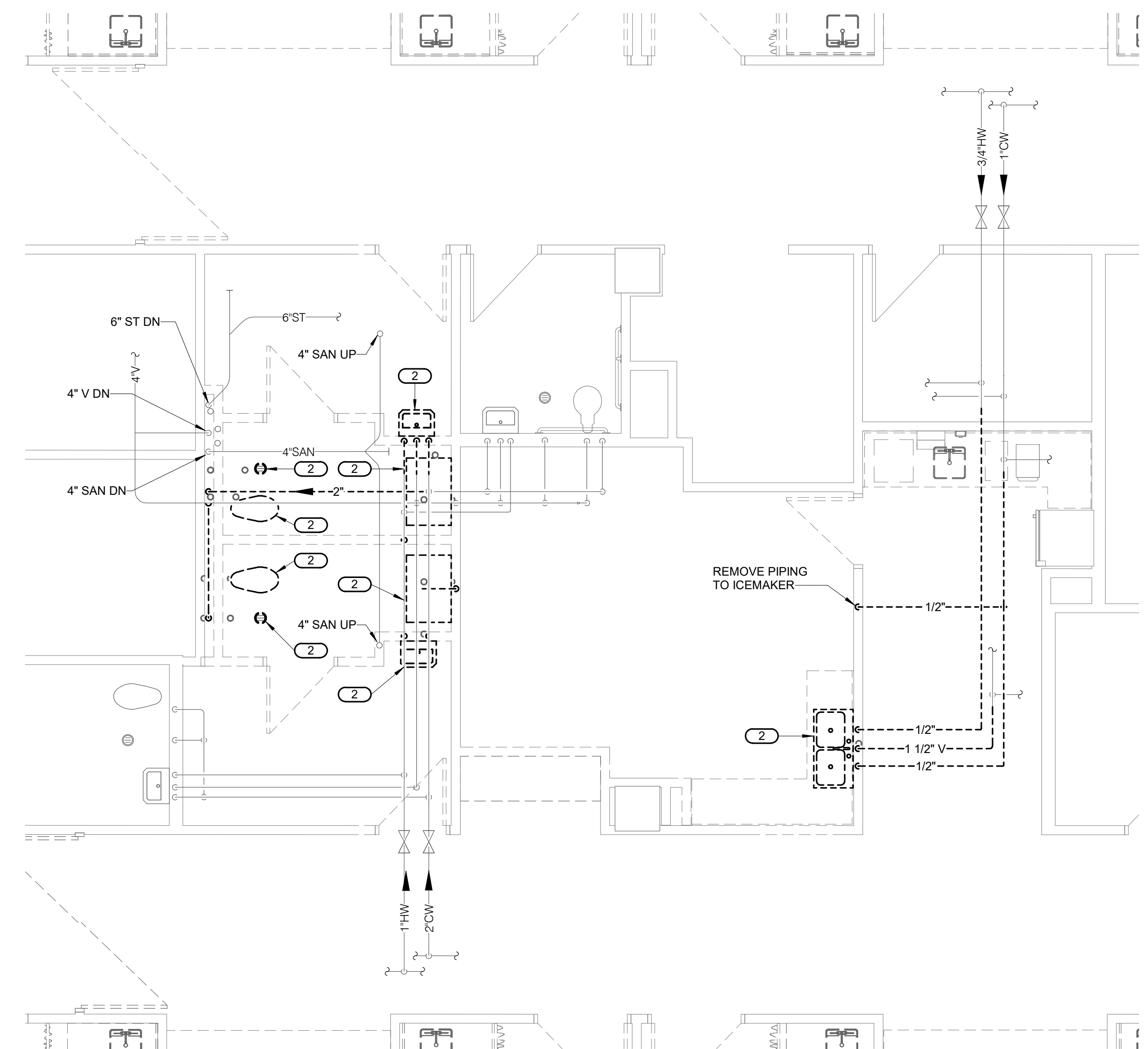
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1 SECOND FLOOR DEMOLITION - PLUMBING - WELL BABY
1/4" = 1'-0"



2 SECOND FLOOR DEMOLITION - PLUMBING - ANTEPARTUM
1/4" = 1'-0"

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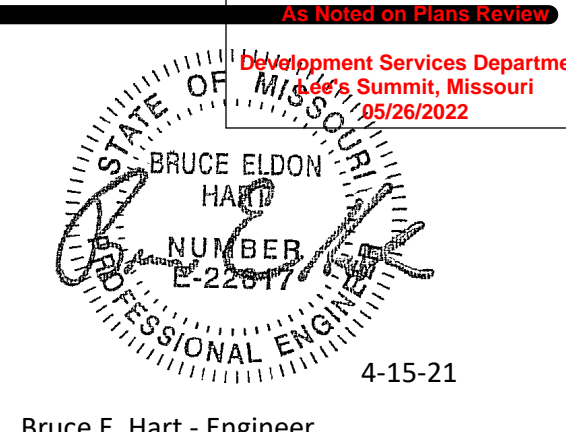
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SECOND FLOOR DEMOLITION - WELL BABY AREA

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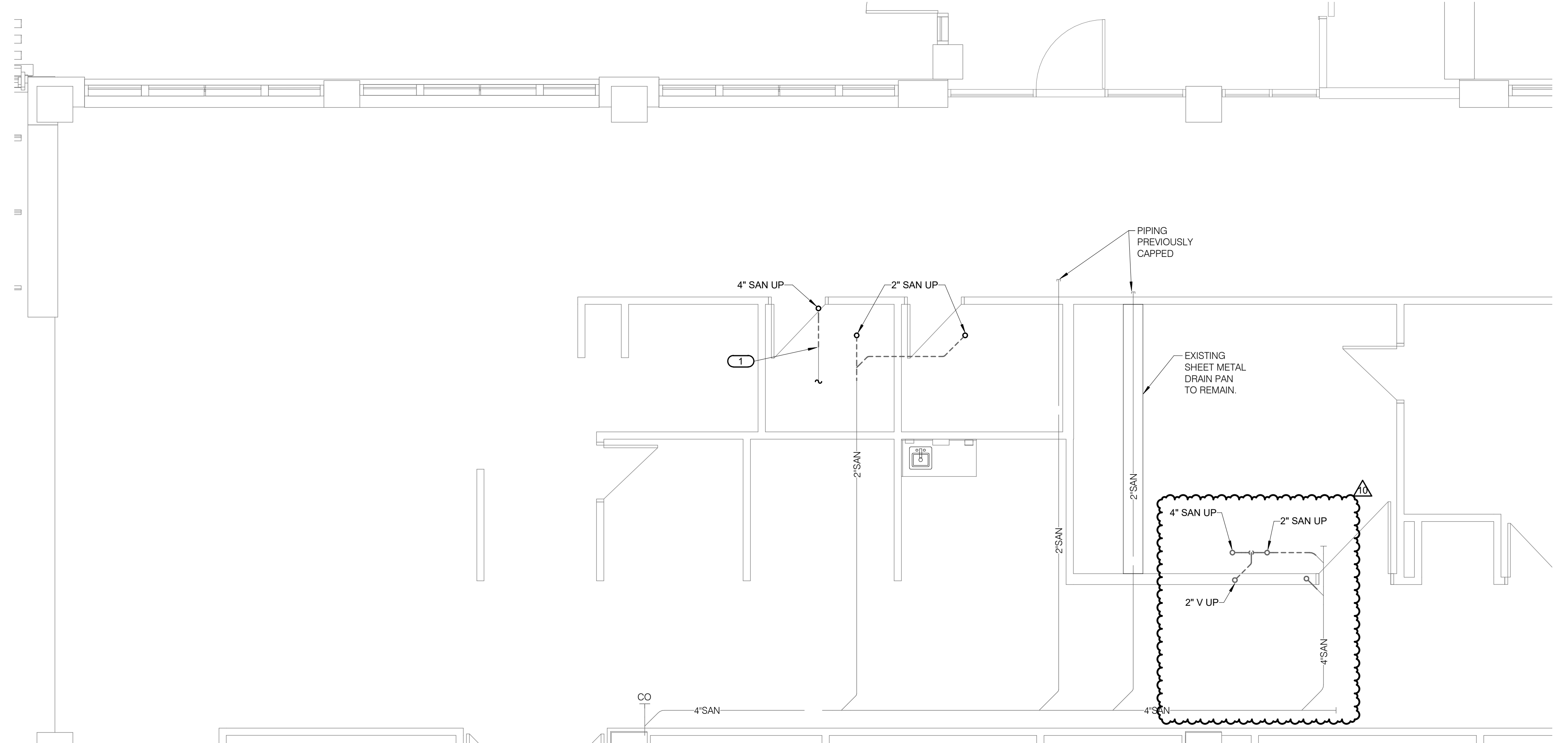
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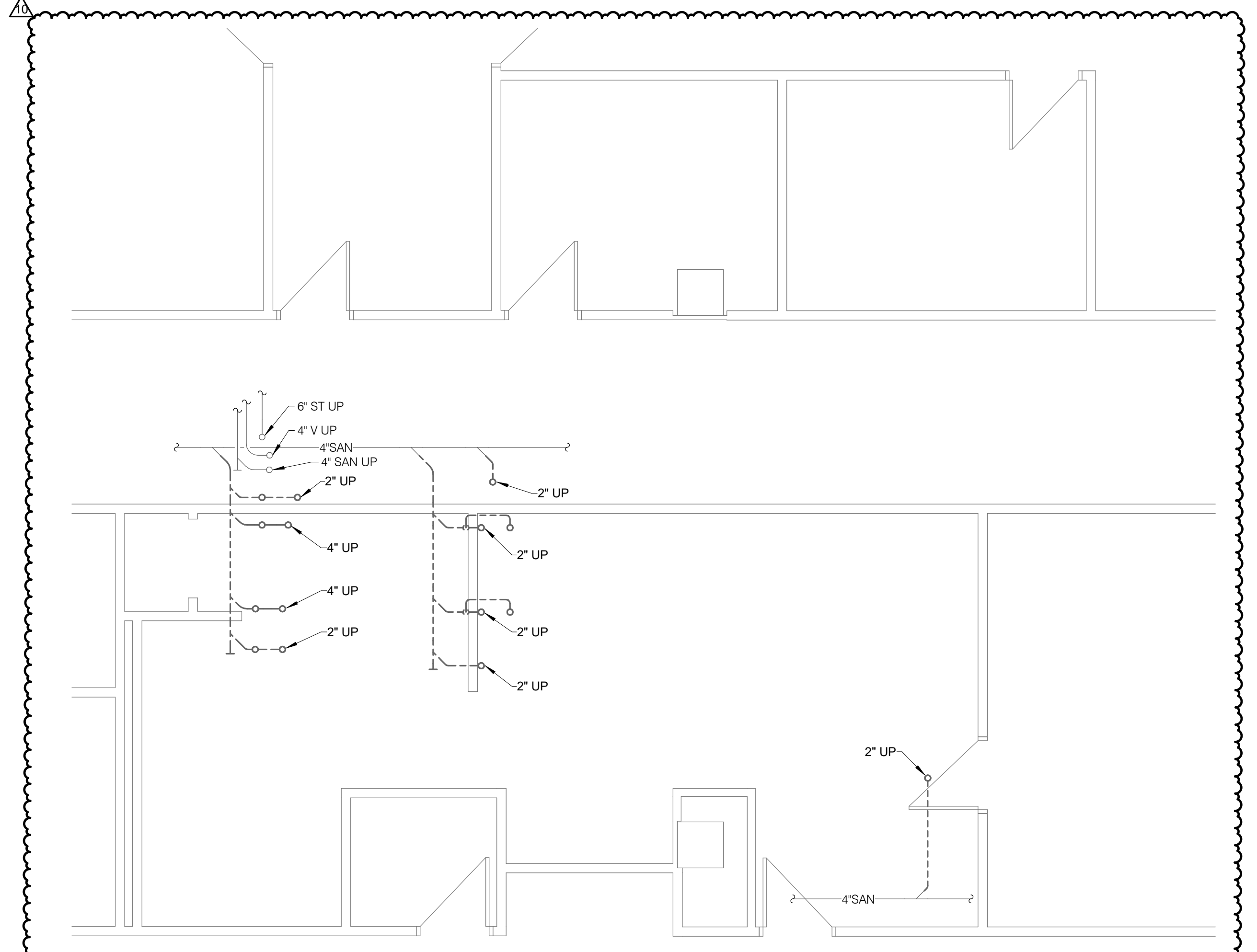
SHEET NOTES:
1. REFER TO GENERAL NOTES ON SHEET P000.
2. FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING SANITARY WASTE PIPING SERVING SECOND FLOOR, PRIOR TO PERFORMING WORK. COORDINATE ROUTING OF NEW PIPING WITH EXISTING CONDITIONS AND REVISE CONNECTION POINTS AS REQUIRED WHILE MAINTAINING INTENT OF DESIGN. INSTALL NEW PIPING IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS.

KEYNOTES: #
1. FIELD VERIFY CONTENTS OF PIPING (CAST IRON PIPING WAS OBSERVED TURNING DOWN IN A WALL ON SECOND FLOOR LEVEL) AND WHETHER IT MUST REMAIN. IF POSSIBLE, CAP PIPING AT MAIN AND REMOVE UP THRU SLAB. IF PIPING MUST REMAIN, CUT AND REMOVE IT AS REQUIRED TO RELOCATE THE RISER AND PROTECT DOWNSTREAM PIPING FOR NEW CONNECTION.
2. IF THE 4" SAN PIPING DESCRIBED IN KEYNOTE # 1 MUST REMAIN, EXTEND THE NEW PIPING FROM THE RELOCATED RISER AND RECONNECT IT TO THE EXISTING PIPING (NOT SHOWN) WHERE IT WAS CUT DURING DEMOLITION.

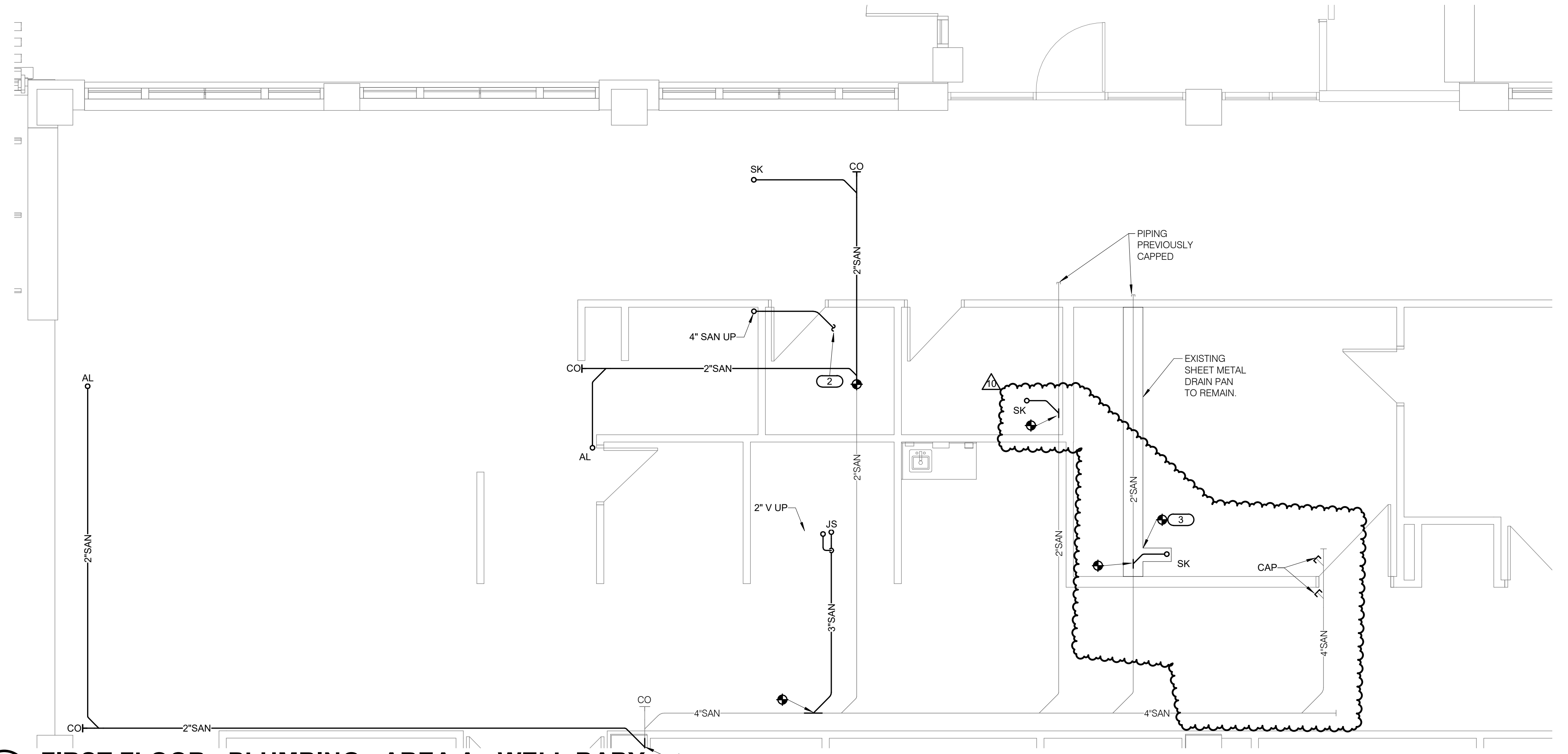
KEYNOTES: C #
3. IF NEW RISER IS LOCATED ABOVE THE EXISTING PROCEDURE ROOM, THEN CONNECT TO THE EXISTING SHEET METAL DRAIN PAN AND EXTEND IT BELOW THE NEW PIPING. NEW DRAIN PAN SHALL EXTEND 12" BEYOND PIPING ON ALL SIDES AND SHALL BE SLOPED TO DRAIN INTO THE EXISTING DRAIN PAN.



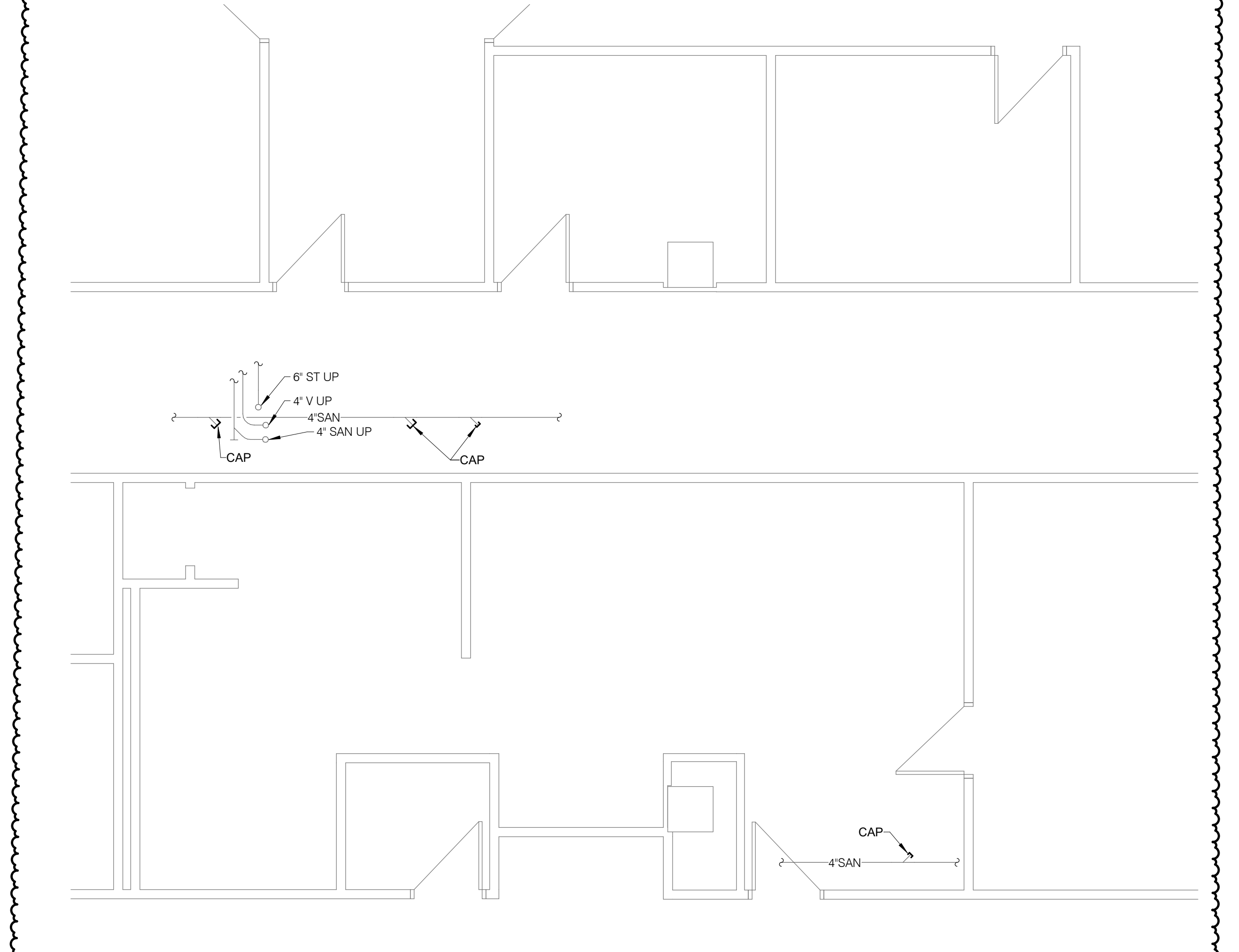
1 FIRST FLOOR DEMOLITION - PLUMBING - AREA A - WELL BABY
1/4" = 1'-0"



2 FIRST FLOOR DEMOLITION - PLUMBING - ANTEPARTUM
1/4" = 1'-0"



3 FIRST FLOOR - PLUMBING - AREA A - WELL BABY
1/4" = 1'-0"



4 FIRST FLOOR - PLUMBING - ANTEPARTUM
1/4" = 1'-0"

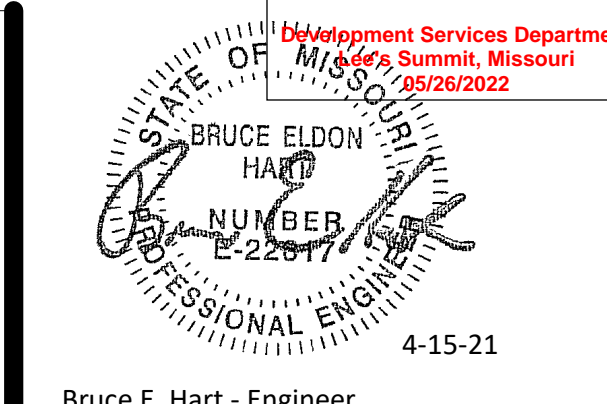
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FIRST FLOOR - PLUMBING - WELL BABY AREA



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PLUMBING MATERIAL LIST

TAG NAME	DESCRIPTION	MANUFACTURER AND MODEL
AL-1	LAVATORY - ACCESSIBLE, WALL MOUNTED, WHITE VITREOUS CHINA, 20"x18", 4" HIGH CONTOURED BACKSPASH, SINGLE FAUCET HOLE, DRILLED FOR CONCEALED ARM CARRIER. LAVATORY TRIM - SENSOR ACTIVATED MIXING FAUCET, BATTERY POWERED, BRASS CONSTRUCTION, CHROME-PLATED FINISH, DECK MOUNTED, RIGID/SWING GOOSENECK SPOUT WITH 5-1/4" REACH AND 1.5 GPM LAMINAR FLOW CONTROL, IN SPOUT INLET, SINGLE HOLE, SOLID BRASS SOLENOID WITH BUILT-IN FILTER, USER-ADJUSTABLE TEMPERATURE CONTROL MIXER, PLAIN (UNTHREADED) OUTLET. MOUNT CONTROLS AND BATTERIES ABOVE DECK IN FAUCET BASE. INSULATION KIT - PRE-MANUFACTURED PVC ENCLOSURE FOR P-TRAP, STOP VALVES, AND SUPPLY LINES. ACCESSORIES - QUARTER-TURN 3/8" CHROME PLATED HEAVY BRASS ANGLE SUPPLY LOOSE KEY STOPS, CHROME PLATED SOFT COPPER SUPPLY LINES, PERFORATED GRID STRAINER DRAIN AND OFFSET TAILPIECE, 1-1/4" 17 GAUGE CAST BRASS P-TRAP, SUPPORT CARRIER. MOUNT LAVATORY WITH SUPPORT CARRIER BOLTED SECURELY TO FLOOR. TOP OF RIM SHALL BE IN COMPLIANCE WITH LATEST ADA STANDARD. PROVIDE 2" MINIMUM CLEARANCE FROM FLOOR TO BOTTOM OF APRON IN COMPLIANCE WITH LATEST ANSII A117.1 AND ADA STANDARDS.	LAVATORY - AMERICAN STANDARD (0356.421), KOHLER (K-2007), TOTO (L1307) LAVATORY TRIM - CHICAGO FAUCET (116.432.AB.1) INSULATION KIT - TRUBRO "FLAV-SHIELD" (VERIFY EXACT MODEL TO MATCH LAVATORY)
CM	COFFEE MAKER - ROUGH IN COLD WATER AND PROVIDE CUTOFF VALVE AND WATTS "8BD" BACKFLOW PREVENTER ON COLD SUPPLY.	NONE
JS	MOP BASIN - PRECAST TERRAZZO, 24"x24"x12", NEGOCORNER DROP FRONT STYLE, STAINLESS STEEL INTEGRAL DRAIN WITH REMOVABLE STRAINER, 3" OUTLET, CONTINUOUS STAINLESS STEEL CAP ON ALL EDGES. TRIM - EXPOSED TWO HANDLE MIXING FAUCET, BRASS CONSTRUCTION, CHROME-PLATED FINISH, SINGLE WING HANDLES, 1/4 TURN CERAMIC DISC CARTRIDGE, 3/4" HOSE THREAD SPOUT WITH INTEGRAL VACUUM BREAKER, WALL BRACE, PAIL HOOK, CHECK STOPS, FAUCET SHALL COMPLY WITH FEDERAL ACT 5 3874. ALSO FURNISH AND INSTALL SEPARATE, ACCESSIBLE CHECK VALVES (WATTS 8600 SERIES "MAXI-FLOW") ON HOT & COLD SUPPLIES TO PREVENT THERMAL CROSSOVER. ACCESSORIES - MOP HANGER, HOSE AND HOSE BRACKET, DEEP SEAL TRAP, TWO 24" WIDE STAINLESS STEEL WALL GUARDS	MOP BASIN - FIAT (TSBC-6010) TRIM - CHICAGO FAUCETS (897-CP)
SK-1	SINK - INTEGRAL WITH COUNTERTOP, PROVIDE PERFORATED TYPE 304 STAINLESS STEEL GRID STRAINER. SINK TRIM - TWO HANDLE MIXING FAUCET, BRASS CONSTRUCTION, CHROME-PLATED FINISH, RIGID/SWING GOOSENECK SPOUT WITH 5-3/8" REACH, 1.5 GPM LAMINAR FLOW CONTROL, IN SPOUT INLET, 4" WRISTBLADE HANDLES AT 8" CENTERS, 1/4-TURN OPERATION CERAMIC DISC CARTRIDGES, PLAIN (UNTHREADED) OUTLET. ACCESSORIES - 1-1/2" 17 GAUGE CHROME-PLATED BRASS TAILPIECE AND P-TRAP, QUARTER-TURN BALL VALVE TYPE 3/8" CHROME-PLATED BRASS ANGLE SUPPLIES WITH LOOSE KEY STOPS, CHROME-PLATED SOFT COPPER SUPPLY LINES.	SINK - INTEGRAL WITH COUNTERTOP SINK TRIM - CHICAGO FAUCET (786-GN2FCXKABCP)

PLUMBING ROUGH-IN SCHEDULE

NOTES: (APPLIES TO ALL PLUMBING FIXTURES LISTED BELOW)
1) SIZES SHOWN ARE MINIMUMS. LARGER SIZES SHOWN ON THE DRAWING SHALL DICTATE THE ROUGH-IN SIZE. 2) SANITARY RISERS UP IN WALL TO FIXTURES SHALL BE A MINIMUM OF 2". 3) DOMESTIC WATER BRANCH PIPING OUTSIDE OF THE WALLCHASE SHALL BE A MINIMUM OF 3/4" UNLESS NOTED OTHERWISE. ONLY THE FINAL RISE-DROP SHALL BE SMALLER.

TAG NAME	COLD WATER	HOT WATER	SANITARY	VENT
AL-1	1/2"	1/2"	1 1/2"	1 1/2"
CM	1/2"	-	-	-
JS	3/4"	3/4"	3"	1 1/2"
SK-1	1/2"	1/2"	1 1/2"	1 1/4"

SHEET NOTES:

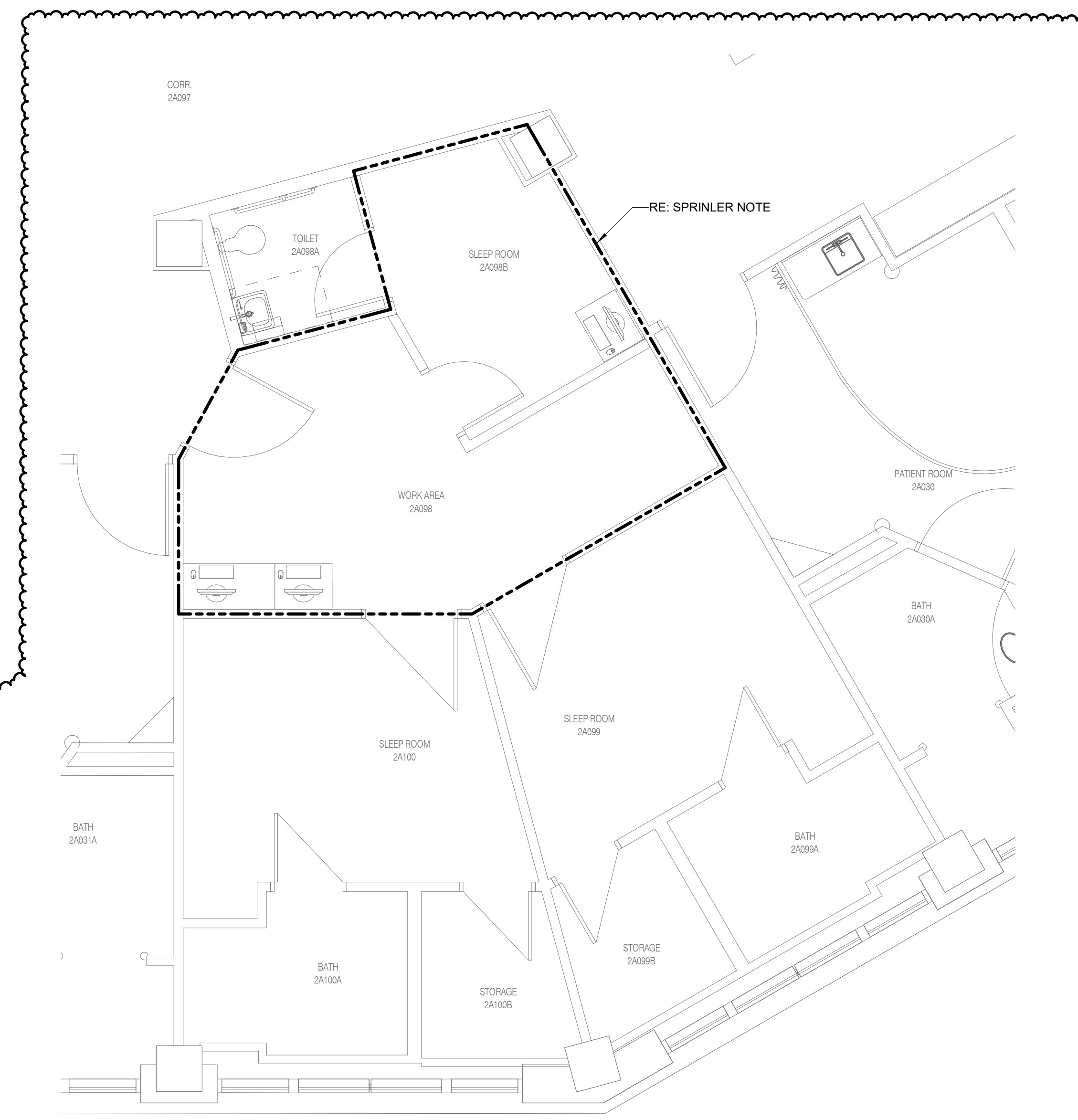
- REFER TO GENERAL NOTES ON SHEET P000.
- BEFORE CORE DRILLING ANY HOLES, LOCATE REBAR IN SLAB BY X-RAY OR WITH R-METER. IF REBAR IS ENCOUNTERED WITHIN THE PROPOSED LOCATION OF THE HOLE, THEN EITHER RELOCATE THE HOLE TO MISS REBAR, OR IF HOLE CANNOT BE RELOCATED, CONTACT ARCHITECT FOR APPROVAL PRIOR TO CORE DRILLING. DO NOT CORE ANY HOLES THROUGH BEAMS OR JOISTS WITHOUT APPROVAL OF ARCHITECT.

SPRINKLER NOTE:

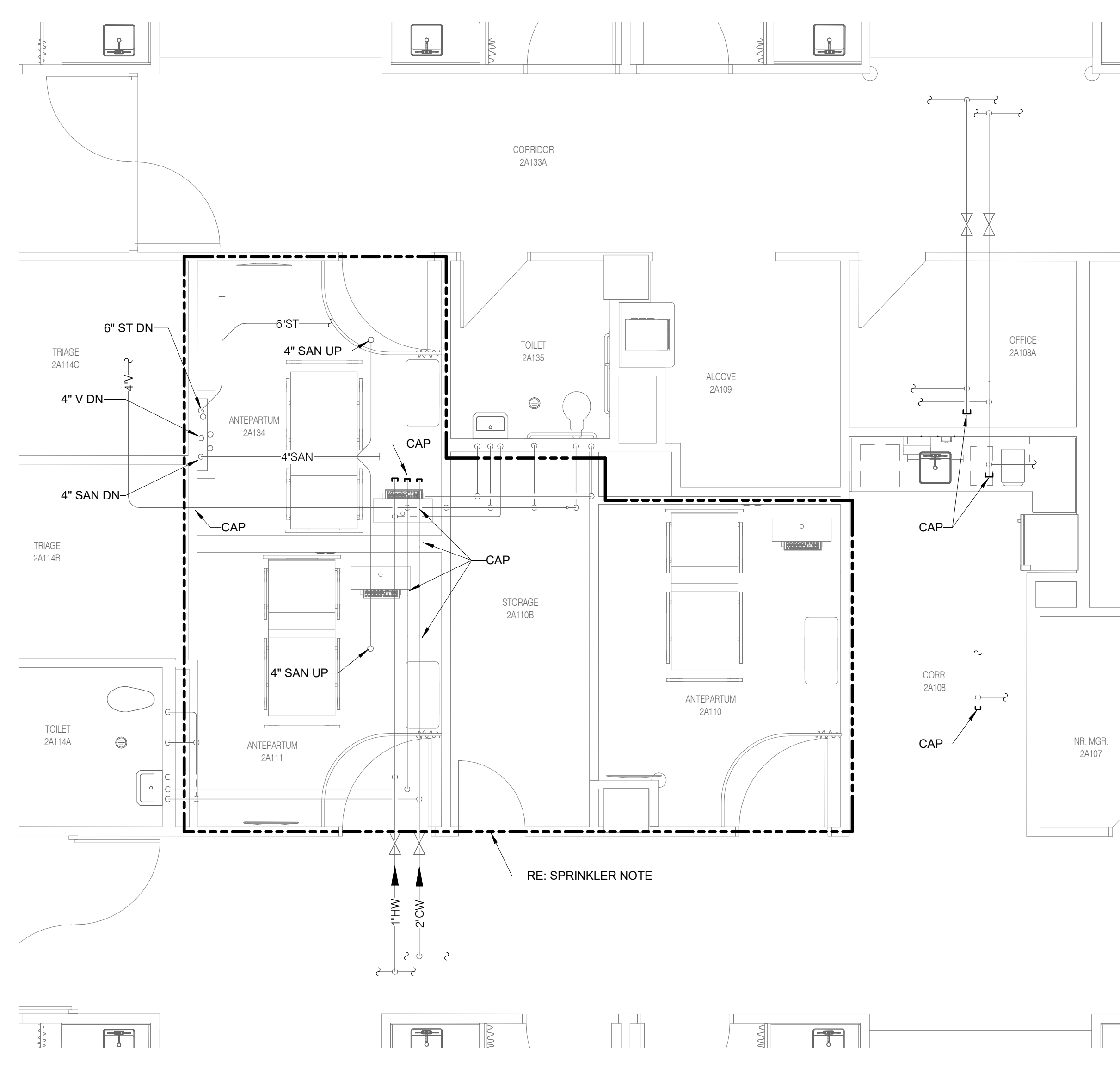
- SPRINKLER CONTRACTOR SHALL DISCONNECT AND REMOVE ALL SPRINKLER HEADS IN AREA OF WORK SHOWN ON THESE PLANS. SPRINKLER CONTRACTOR SHALL INSTALL NEW, CONCEALED SPRINKLER HEADS IN THESE AREAS. PROVIDE CUSTOM FINISH ON NEW SPRINKLERS IN HARD SHEET ROCK CEILINGS AND WOOD CEILING AREAS. COORDINATE FINISH TYPE/COLOR FOR EACH AREA WITH ARCHITECT. SPRINKLER CONTRACTOR SHALL ALSO INSTALL NEW SPRINKLER PIPING AND/OR CONCEALED HEADS AS REQUIRED BY REMODEL OF SPACE.

KEYNOTES: #

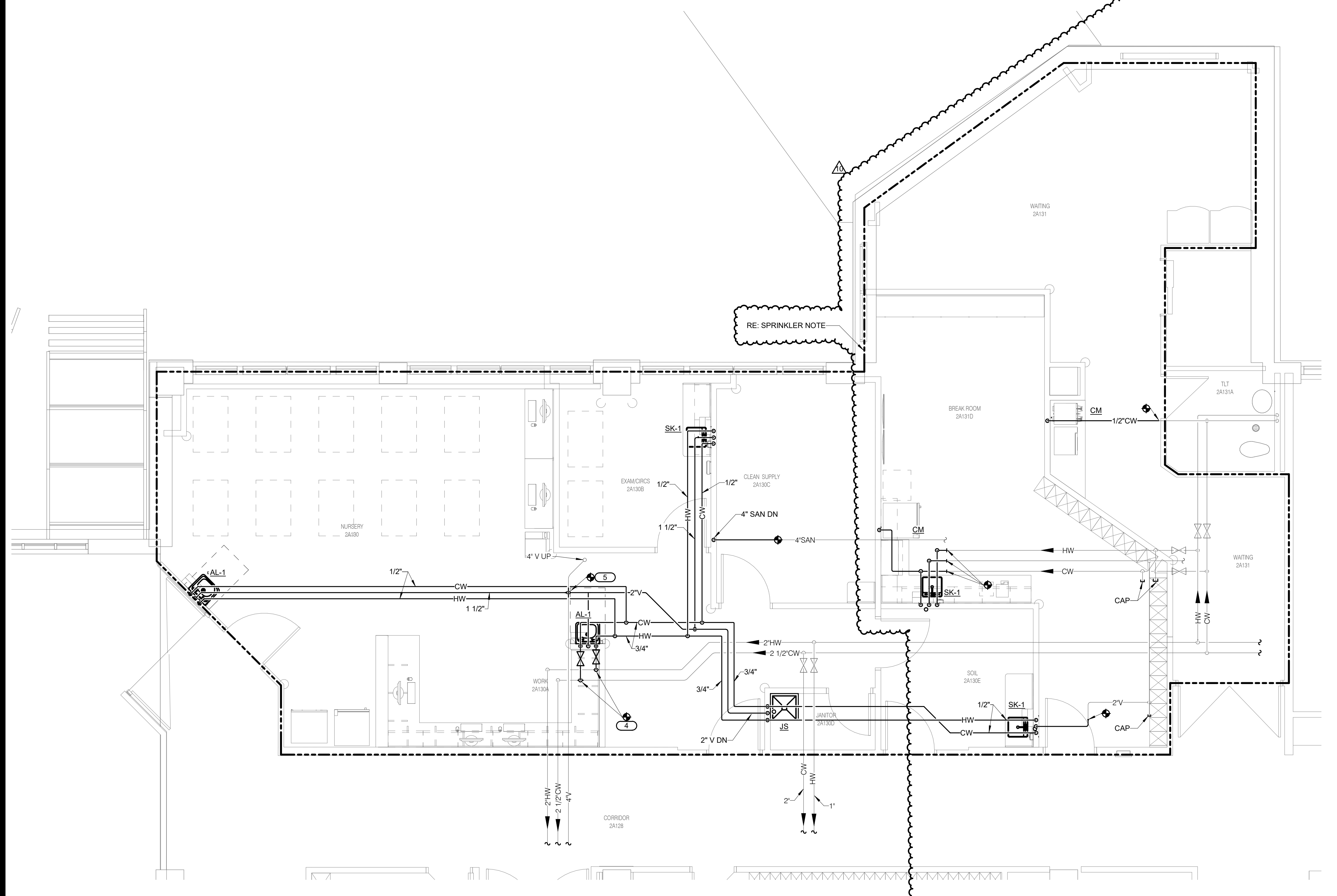
- NOT USED.
- NOT USED.
- NOT USED.
- CONNECT NEW 3/4" HOT AND 3/4" COLD PIPING TO EXISTING 2" H AND 2-1/2" C MAINS. PROVIDE ACCESSIBLE SHUT-OFF VALVES IN NEW BRANCH LINES UPSTREAM OF ANY FIXTURES.
- CONNECT NEW 2" VENT TO EXISTING 4" VENT.



1 SECOND FLOOR - PLUMBING - SLEEP ROOM
1/4" = 1'-0"



3 SECOND FLOOR - PLUMBING - ANTEPARTUM
1/4" = 1'-0"



2 SECOND FLOOR - PLUMBING - WELL BABY
1/4" = 1'-0"

Saint Luke's East Hospital
MOTHER BABY FINISH UPGRADES
100 NE St Lukes Blvd
Lee's Summit, MO 64086

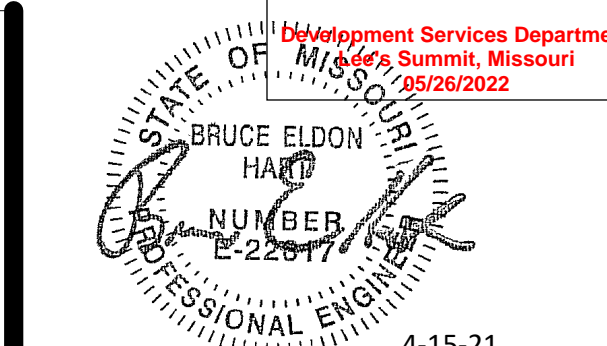
Date 04/15/2021
Job Number 3-21004
Drawn By Author
Checked By Checker

Number	Date	Description
4	10/01/21	ASI #4
10	05/13/22	ASI #10

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Saint Luke's East Hospital MOTHER BABY FINISH UPGRADES 100 NE St Lukes Blvd Lee's Summit, MO 64086

Date 04/15/2021
Job Number 3-21004
Drawn By Author
Checked By Checker

Number	Date	Description
4	10/01/21	ASI #4
6	10/21/21	ASI #6
10	05/13/22	ASI #10

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SECOND FLOOR - MEDICAL GAS - WELL BABY AREA

SHEET NOTES:

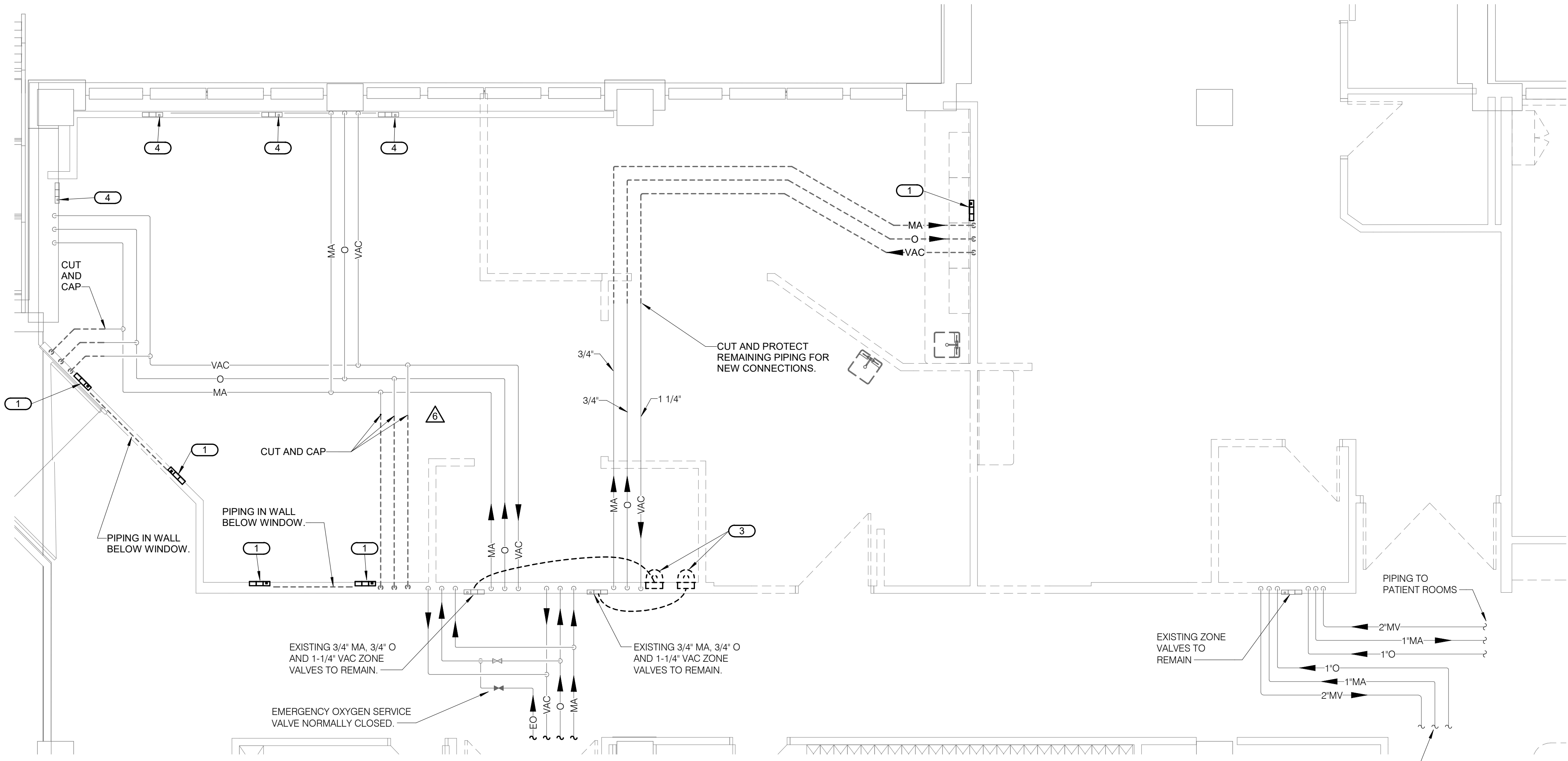
- REFER TO GENERAL NOTES ON SHEET P000.
- AFTER COMPLETING THE NEW WORK, UPDATE LABELS ON ZONE VALVE BOXES AND ALARM PANELS TO REFLECT THE ROOM NUMBERS SERVED AND RE-CERTIFY MED GAS SYSTEMS.

KEYNOTES:

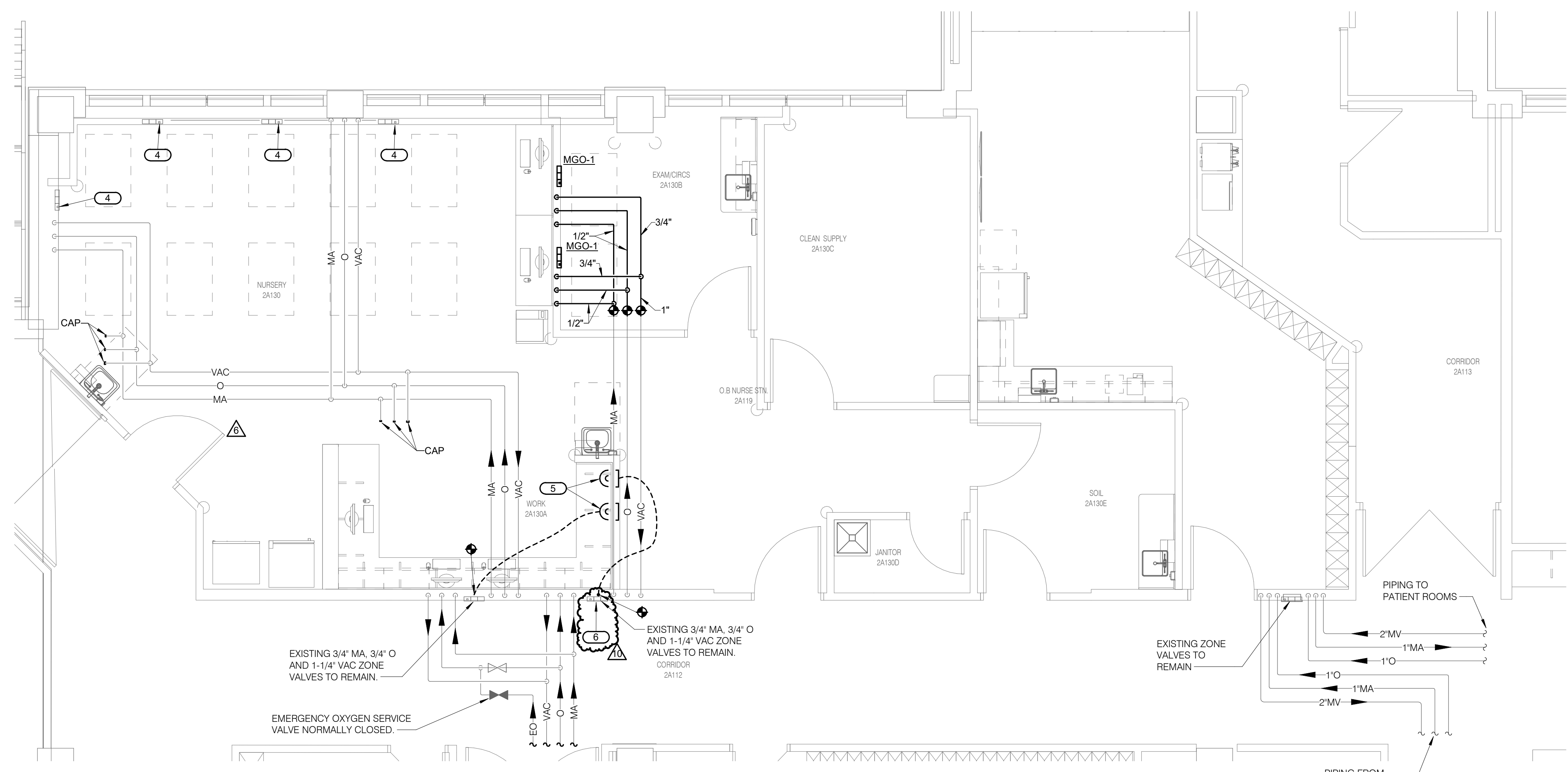
- DISCONNECT AND REMOVE MEDICAL AIR, OXYGEN AND VACUUM OUTLETS.
- NOT USED.
- DISCONNECT AND SALVAGE TWO (2) MED GAS ALARM PANELS FOR RELOCATION AND RE-USE. PROTECT ASSOCIATED PRESSURE TRANSDUCERS, REMOVE ANY CONTROL WIRING THAT CANNOT BE RE-USED.
- EXISTING MEDICAL AIR, OXYGEN AND VACUUM OUTLETS TO REMAIN.
- NEW LOCATIONS FOR (2) MED GAS ALARM PANELS THAT WERE DISCONNECTED DURING DEMOLITION. COORDINATE EXACT LOCATIONS WITH OWNER AND ARCHITECT. PROVIDE AND INSTALL NEW WIRING AS REQUIRED AND CONNECT TO EXISTING PRESSURE TRANSDUCERS.
- UPDATE LABEL ON ZONE VALVE BOX TO REFLECT NEW ROOMS SERVED.

TAG NAME	DESCRIPTION	MANF. & MODEL
MGO-1	MODULAR GAS OUTLET GROUP WHICH WILL CONTAIN THE FOLLOWING MEDICAL GAS OUTLETS: (1) OXYGEN (O) OUTLET(S) (1) MEDICAL AIR (MA) OUTLET(S) (1) VACUUM (VAC) INLET(S)	BEACONMEDAES
MGO-2	MODULAR GAS OUTLET GROUP WHICH WILL CONTAIN THE FOLLOWING MEDICAL GAS OUTLETS: (1) OXYGEN (O) OUTLET(S) (1) VACUUM (VAC) INLET(S)	BEACONMEDAES
OUTLET	MEDICAL GAS SERVICE OUTLET - RECESSED QUICK CONNECT TYPE WALL ROUGHING IN ASSEMBLY AND FINISH ASSEMBLY, MOUNTING FLANGES, PLASTER STRIKE, SECONDARY CHECK, 3/8" O.D. TYPE K COPPER INLET TUBE, LABEL IDENTIFYING SPECIFIC GAS BY NAME AND COLOR BRUSHED STAINLESS STEEL FINISHING PLATE. SYMBOLS FOR OUTLETS ARE AS FOLLOWS: O OXYGEN A MEDICAL AIR VAC VACUUM PROVIDE ONE VACUUM SLIDE ASSEMBLY WITH EACH VACUUM SERVICE	BEACONMEDAES

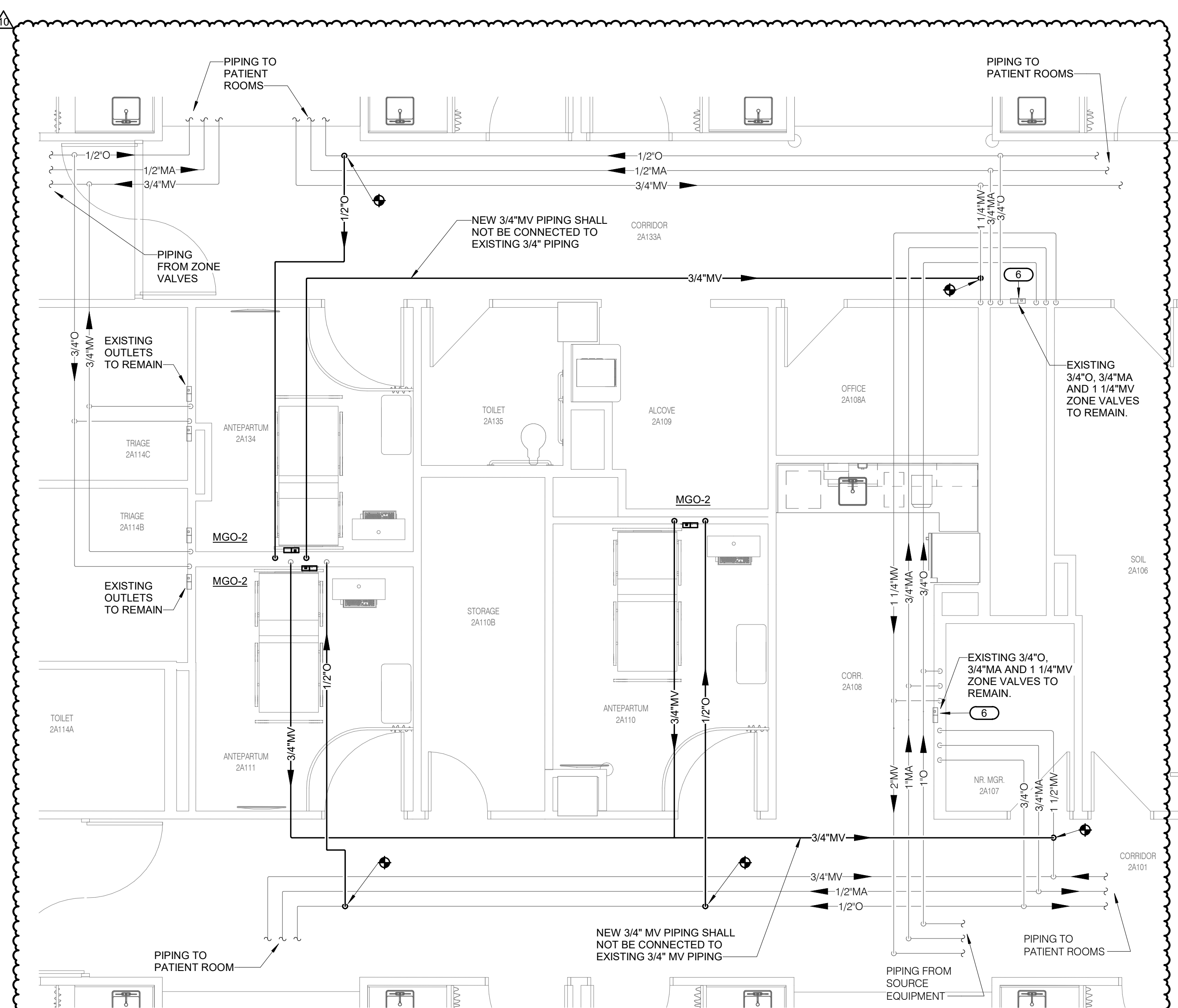
MEDICAL GAS ROUGH-IN SCHEDULE						
TAG NAME	MV	O	MA	N	NO	WAGD
MGO-1	3/4"	1/2"	1/2"			
MGO-2	3/4"	1/2"	1/2"			



1 SECOND FLOOR DEMOLITION - MEDICAL GAS - WELL BABY
1/4" = 1'-0"



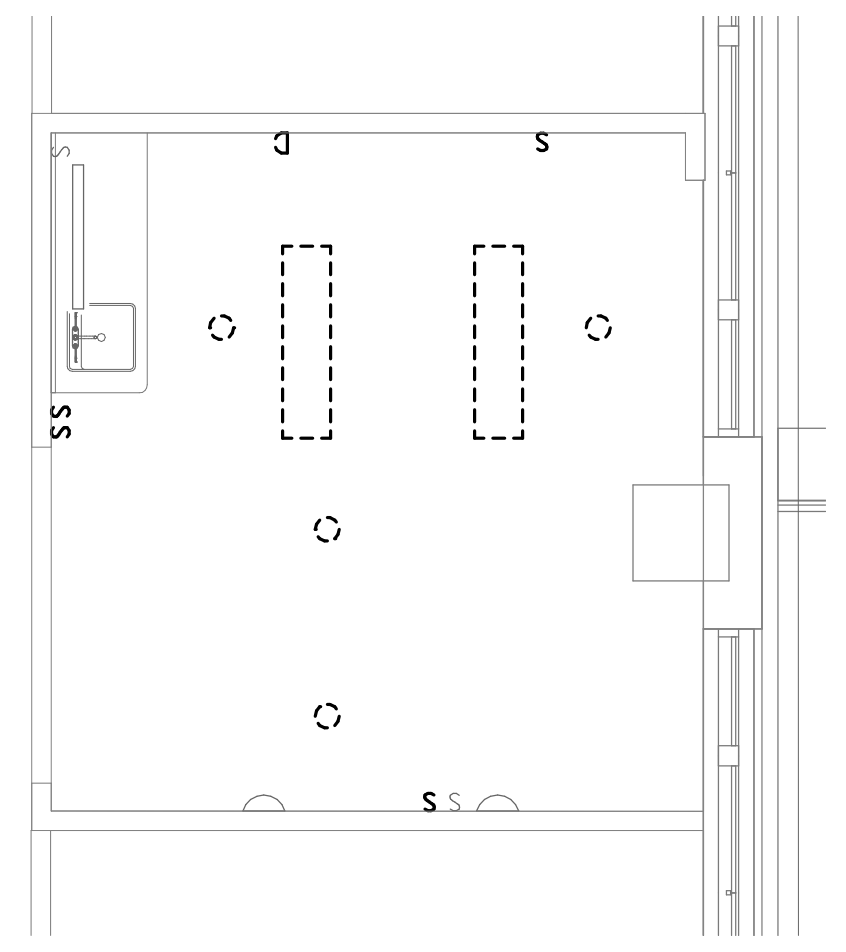
3 SECOND FLOOR - MEDICAL GAS - WELL BABY
1/4" = 1'-0"



4 SECOND FLOOR - MEDICAL GAS - ANTEPARTUM
1/4" = 1'-0"

SHEET NOTES:
1. REFER TO GENERAL NOTES ON SHEET E000.

KEYNOTES: (#)
1. DISCONNECT AND REMOVE EXISTING WALL MOUNTED EXAM LIGHT FIXTURES. MAINTAIN EXAM LIGHT FIXTURES FOR RECONNECTION AS SHOWN ON NEW WORK PLAN.
2. REWIRE EXISTING TO REMAIN WALL SCONCE TO ONLY BE CONTROLLED BY WALL SWITCH IN LIEU OF WALL SWITCH AND NURSE CALL PILLOW SPEAKER.
3. DISCONNECT AND REMOVE EXISTING LIGHT SWITCH. MAINTAIN JUNCTION BOX FOR INSTALLATION OF NEW DEVICES.
4. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE.



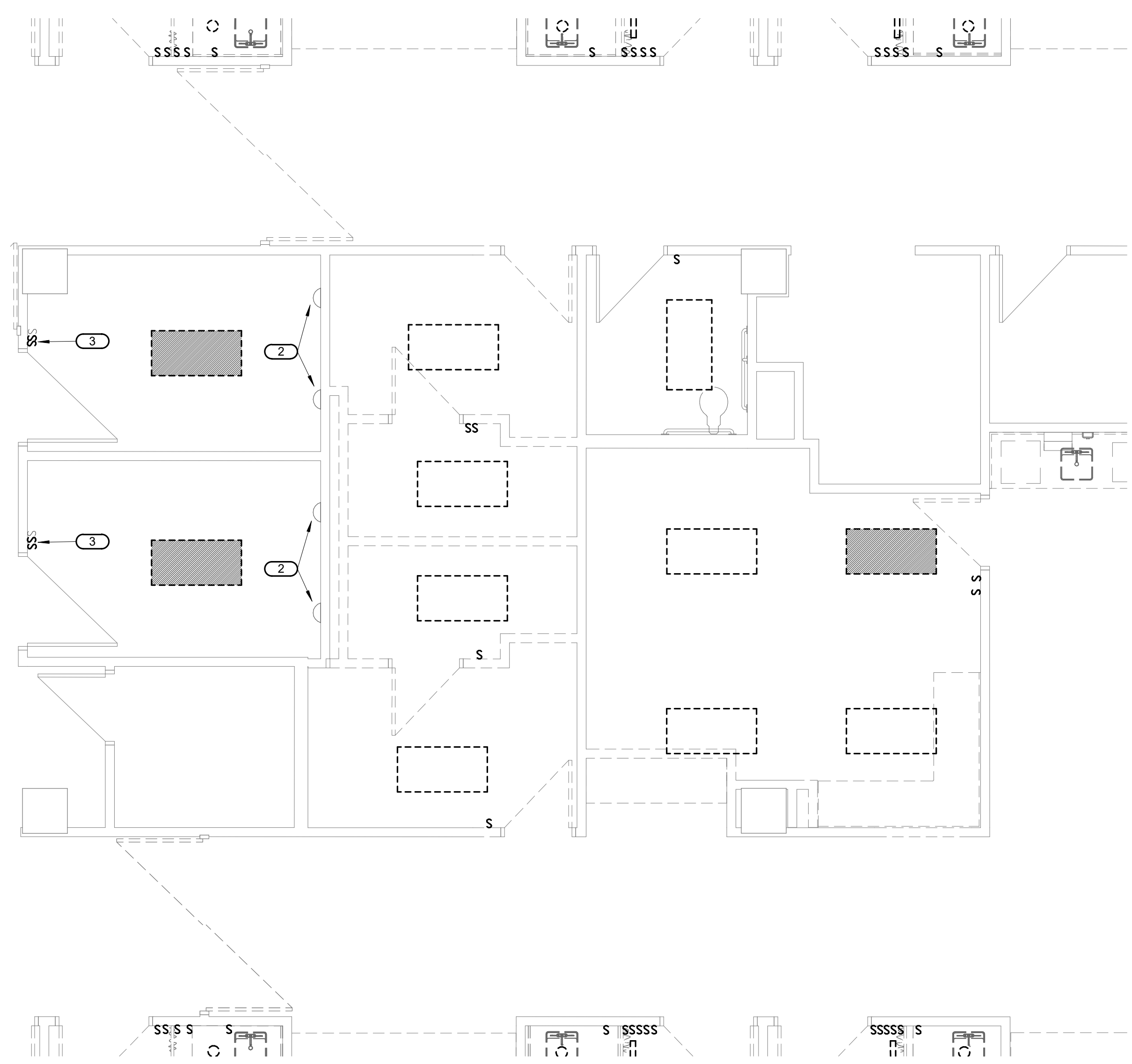
1 SECOND FLOOR DEMO - LIGHTING - ISO
1/4" = 1'-0"



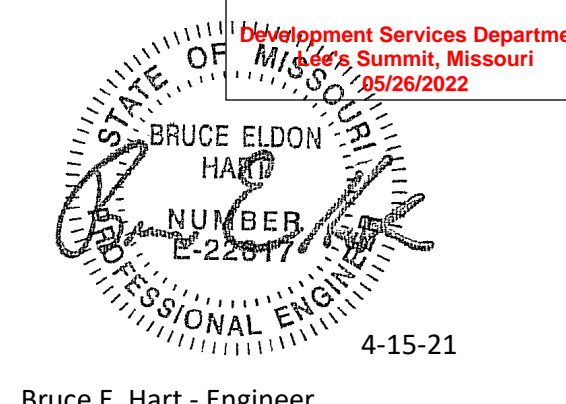
2 SECOND FLOOR DEMOLITION - LIGHTING - SLEEP ROOM
1/4" = 1'-0"



3 SECOND FLOOR DEMOLITION - LIGHTING - WELL BABY
1/4" = 1'-0"



4 SECOND FLOOR DEMOLITION - LIGHTING - ANTEPARTUM
1/4" = 1'-0"



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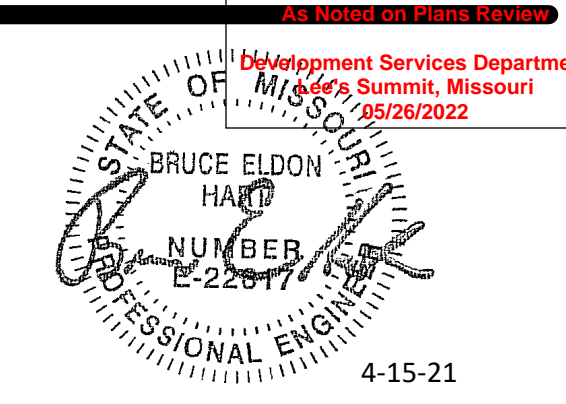
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100 NE St Lukes Blvd
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Date 04/15/2021
Job Number 3-21004
Drawn By Author
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Revision	Date	Description
10	05/13/22	AST #10

SHEET NOTES:
1. REFER TO GENERAL NOTES ON SHEET E000.



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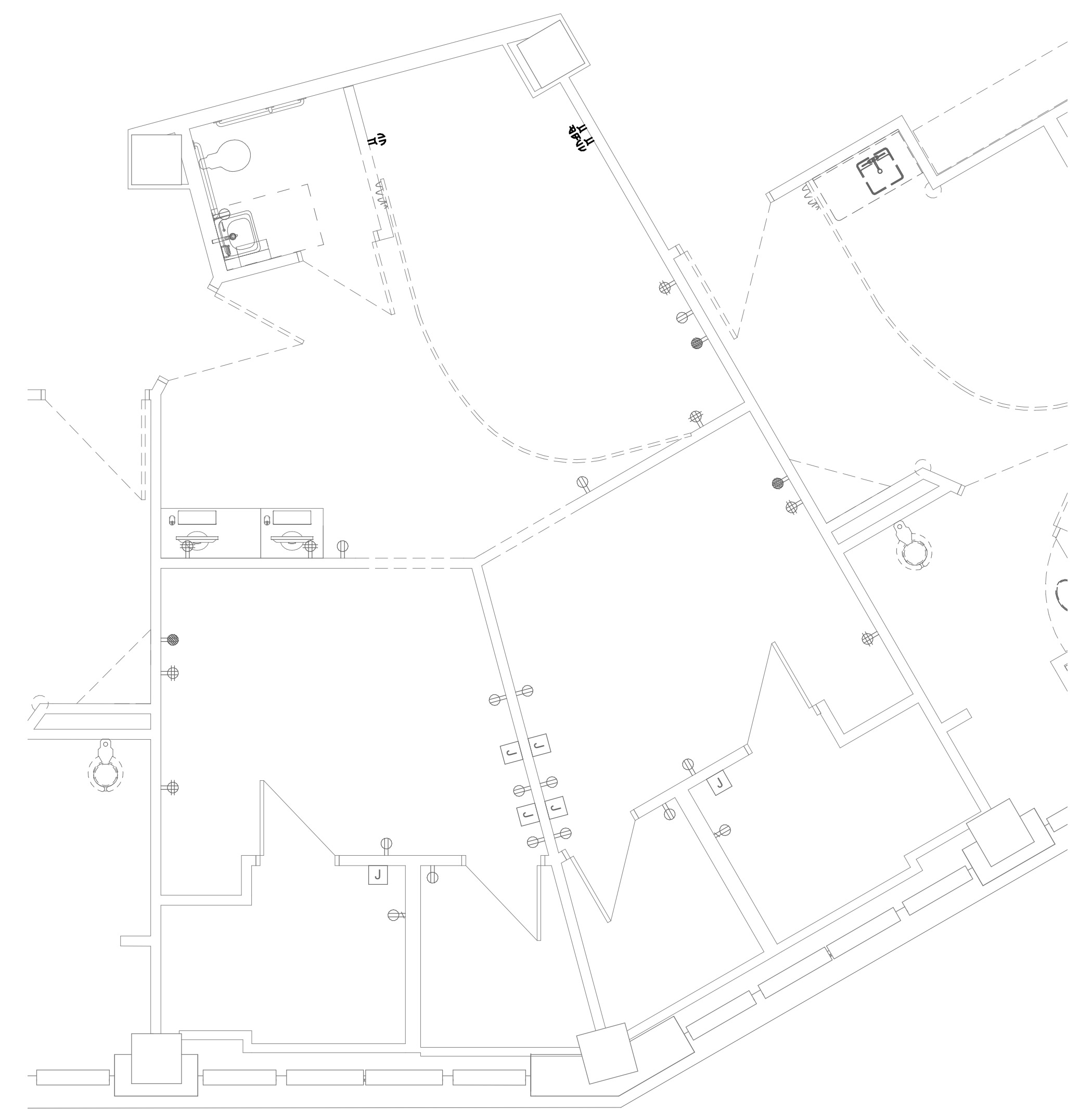
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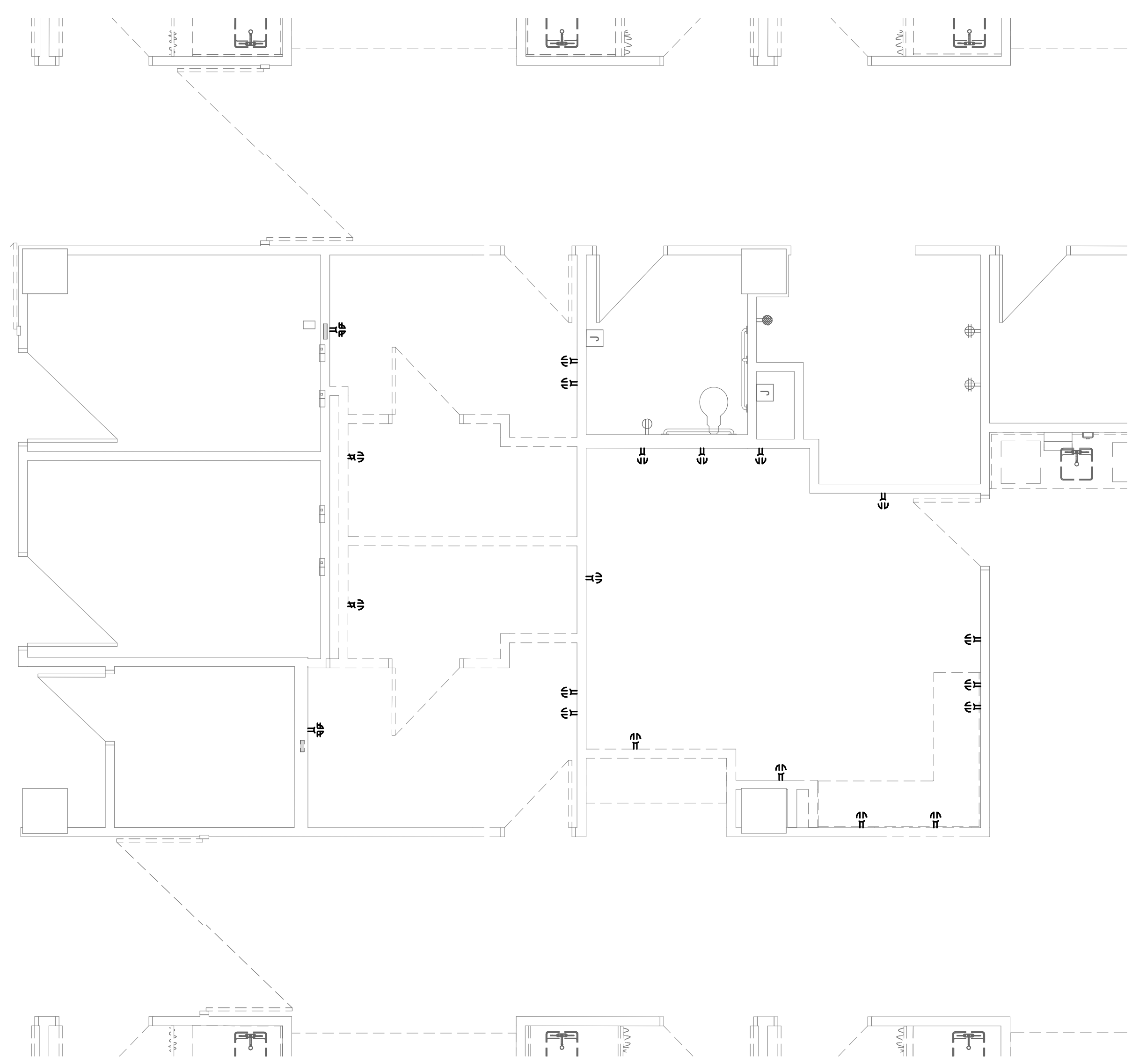
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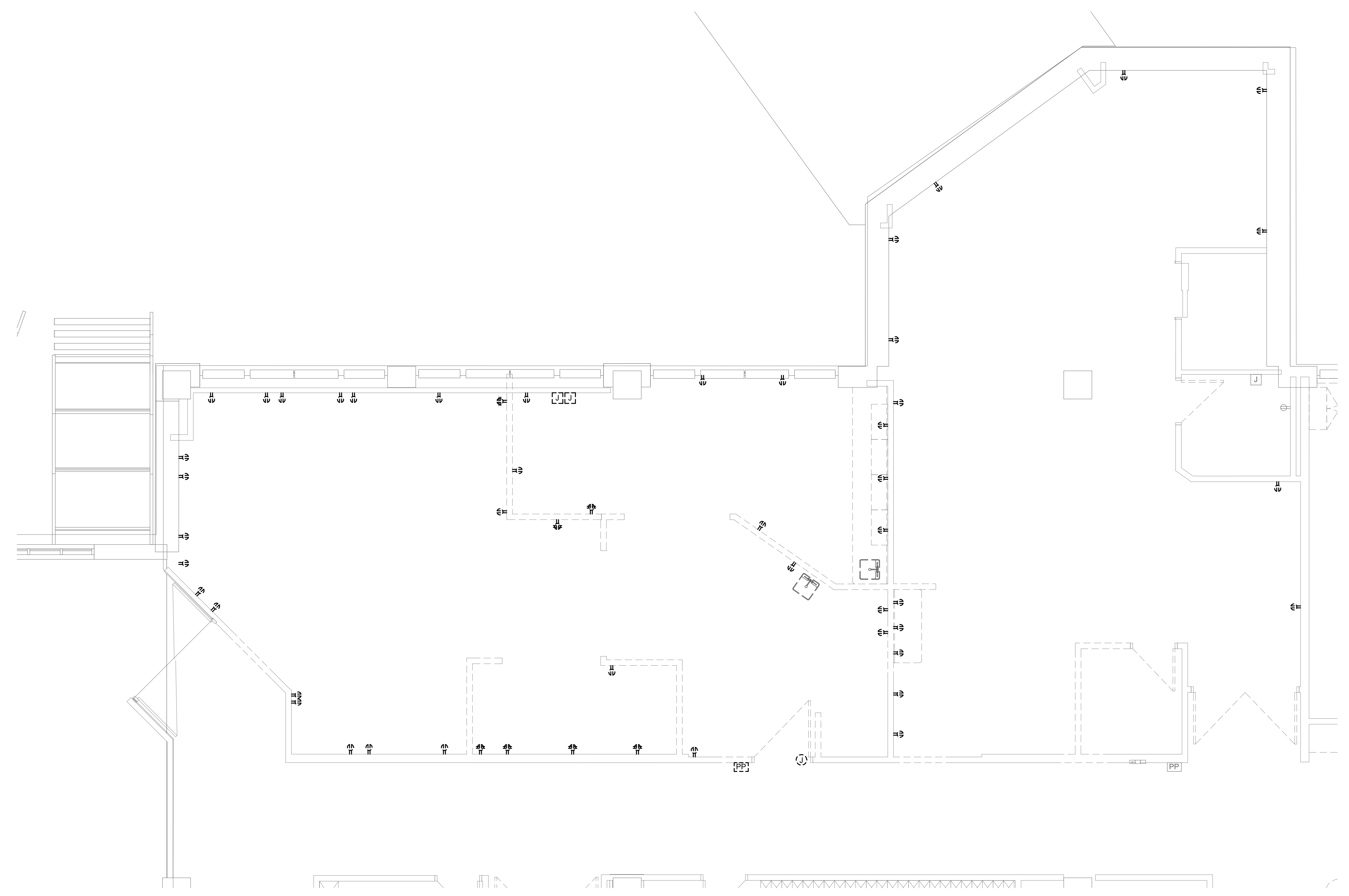
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1 SECOND FLOOR DEMOLITION - POWER - SLEEP ROOM
1/4" = 1'-0"



3 SECOND FLOOR DEMOLITION - POWER - ANTEPARTUM
1/4" = 1'-0"



2 SECOND FLOOR DEMOLITION - POWER - WELL BABY
1/4" = 1'-0"

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MOTHER BABY FINISH UPGRADES
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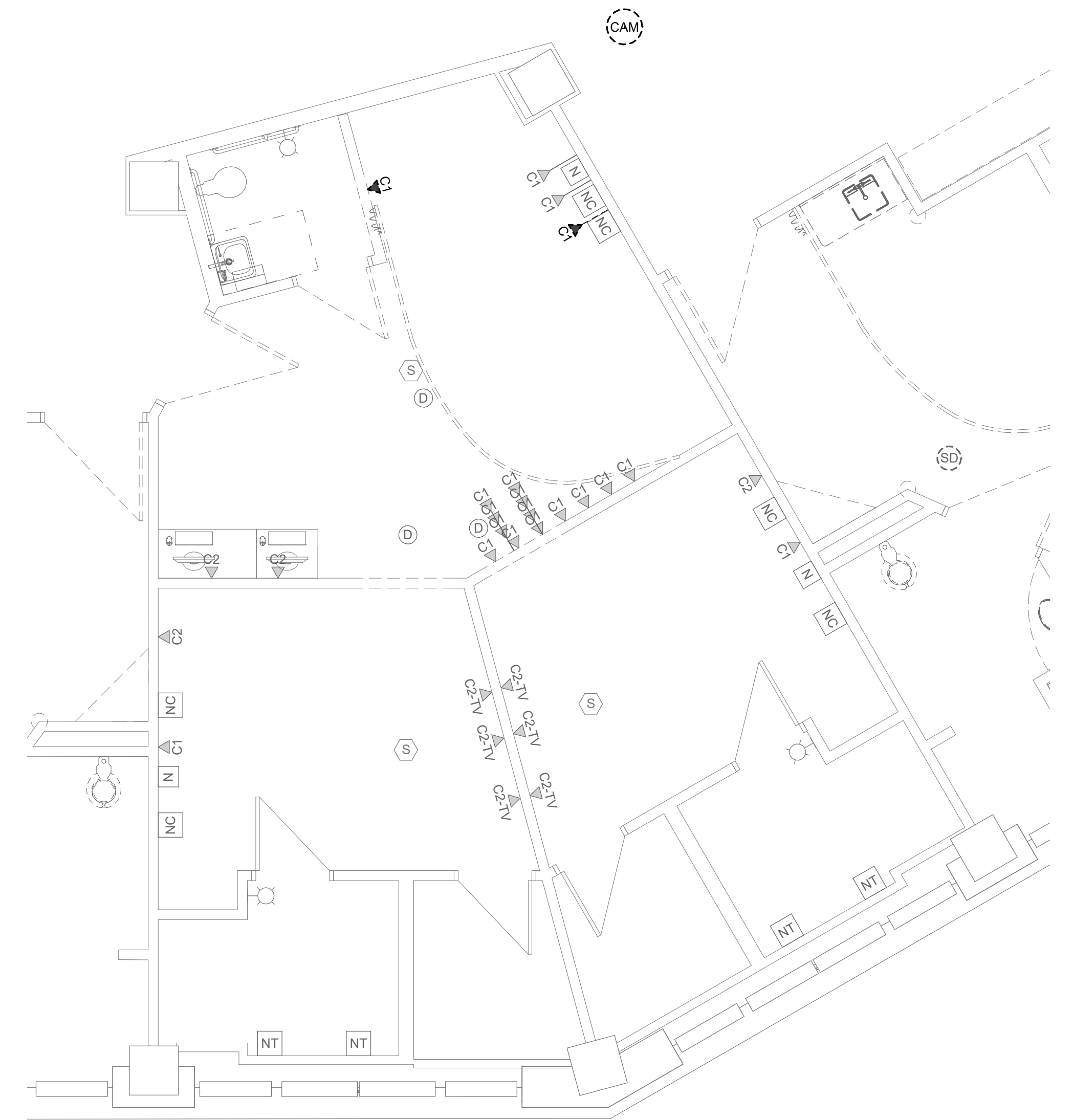
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E112.1

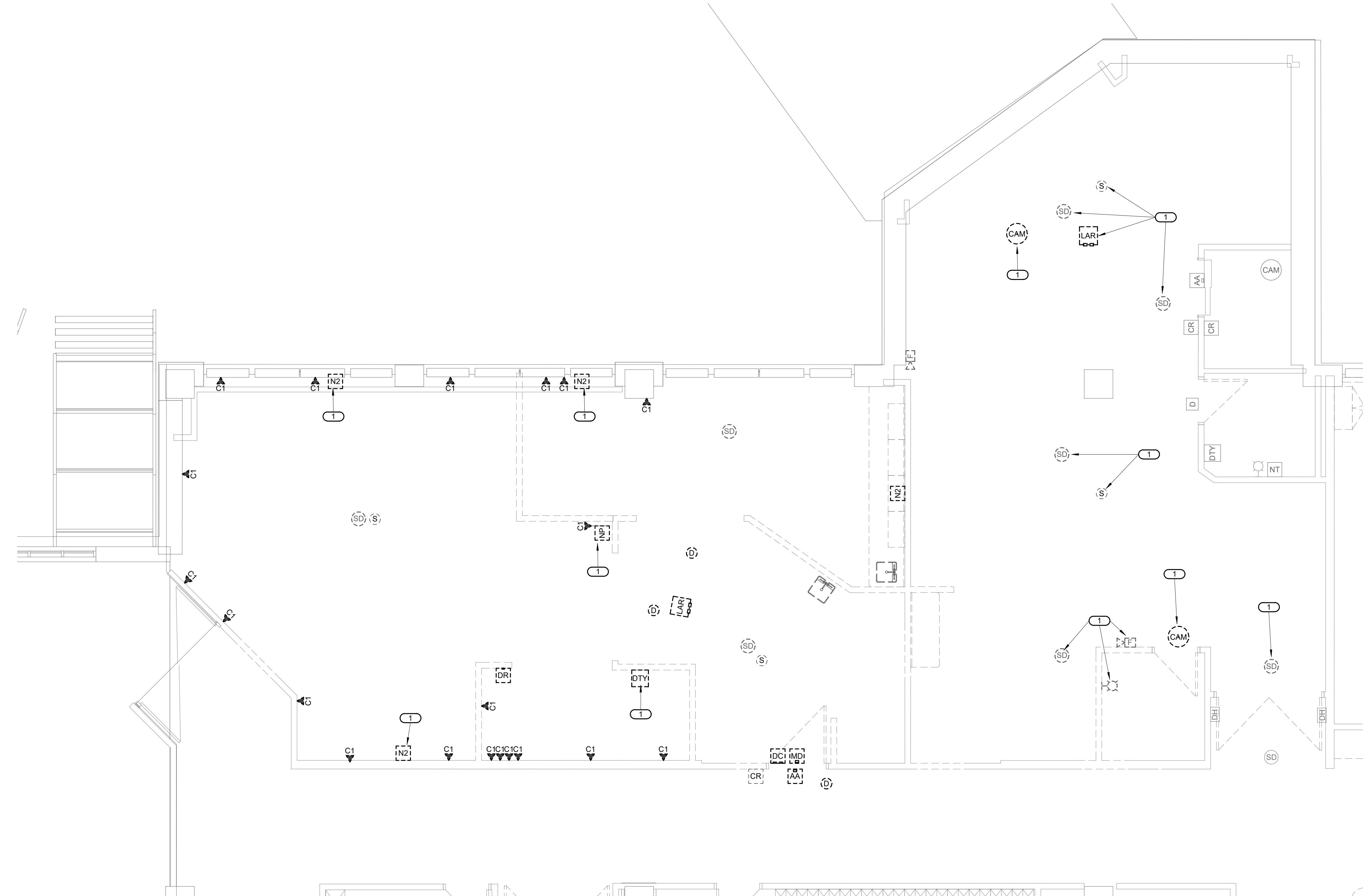
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SECOND FLOOR DEMOLITION - POWER - WELL BABY & ISO

SHEET NOTES:
1. REFER TO GENERAL NOTES ON SHEET M000.

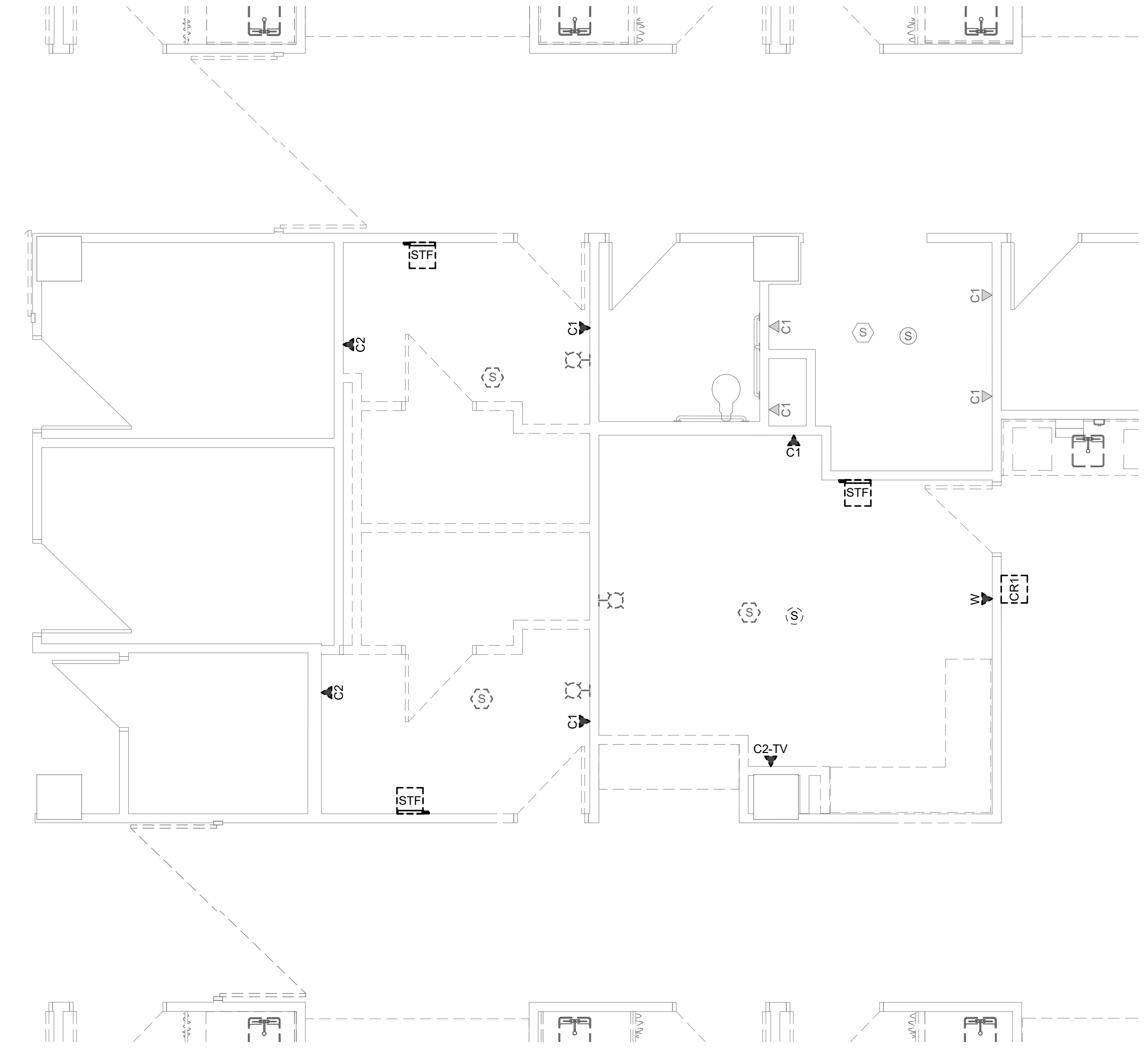
KEYNOTES: 
1. RELOCATE DEVICE. SEE NEW WORK PLAN FOR LOCATION.



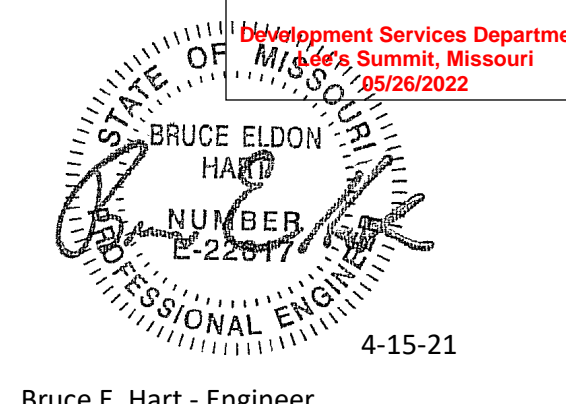
1 SECOND FLOOR DEMOLITION - SYSTEMS - SLEEP ROOM
1/4" = 1'-0"



2 SECOND FLOOR DEMOLITION - SYSTEMS - WELL BABY
1/4" = 1'-0"



3 SECOND FLOOR DEMOLITION - SYSTEMS - ANTEPARTUM
1/4" = 1'-0"



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MOTHER BABY FINISH UPGRADES
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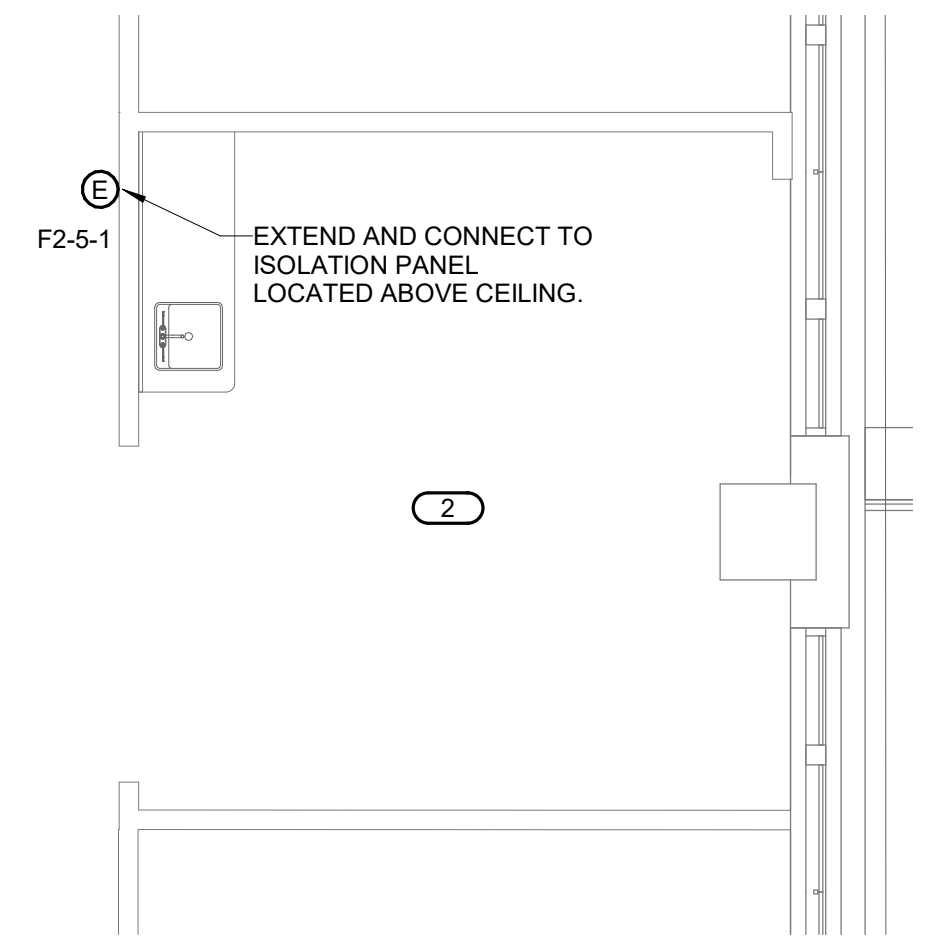
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1 SECOND FLOOR - POWER - ISO

1/4" = 1'-0"

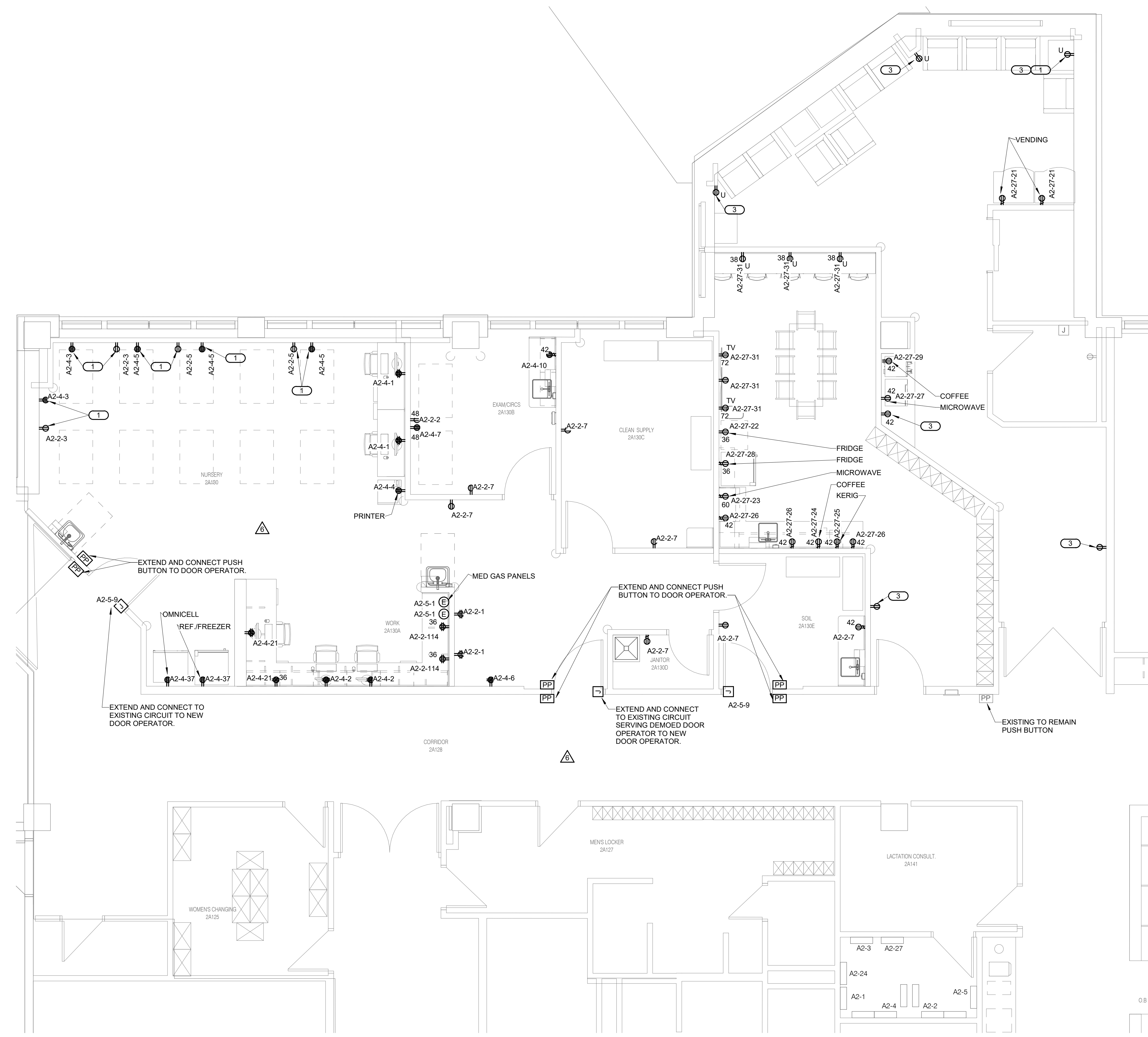


SHEET NOTES:

1. REFER TO GENERAL NOTES ON SHEET E000.
2. ALL CIRCUIT SHOWN ON THE NEW WORK PLAN ARE EXISTING CIRCUITS FED FROM EXISTING CIRCUIT BREAKERS TO BE RE-USED. ROUTE NEW CONDUIT AND WIRE FROM CIRCUIT BREAKER TO EACH DEVICE.

KEYNOTES: (#)

1. NEW DEVICE IN EXISTING JUNCTION BOX.
2. RELOCATE ALL ABOVE CEILING JUNCTION BOXES NOT ACCESSIBLE THROUGH NEW ACCESS PANELS TO NEW LOCATION OUTSIDE OF ISOLATION ROOM.
3. EXTEND AND CONNECT TO EXISTING CIRCUIT SERVING DEMOED RECEPTACLES IN WAITING ROOM.
4. EXTEND AND CONNECT TO EXISTING TO REMAIN CIRCUIT SERVING RESTROOM.
5. EXTEND AND CONNECT TO EXISTING TO REMAIN CIRCUIT SERVING THIS DEMOED RECEPTACLES IN THIS AREA.

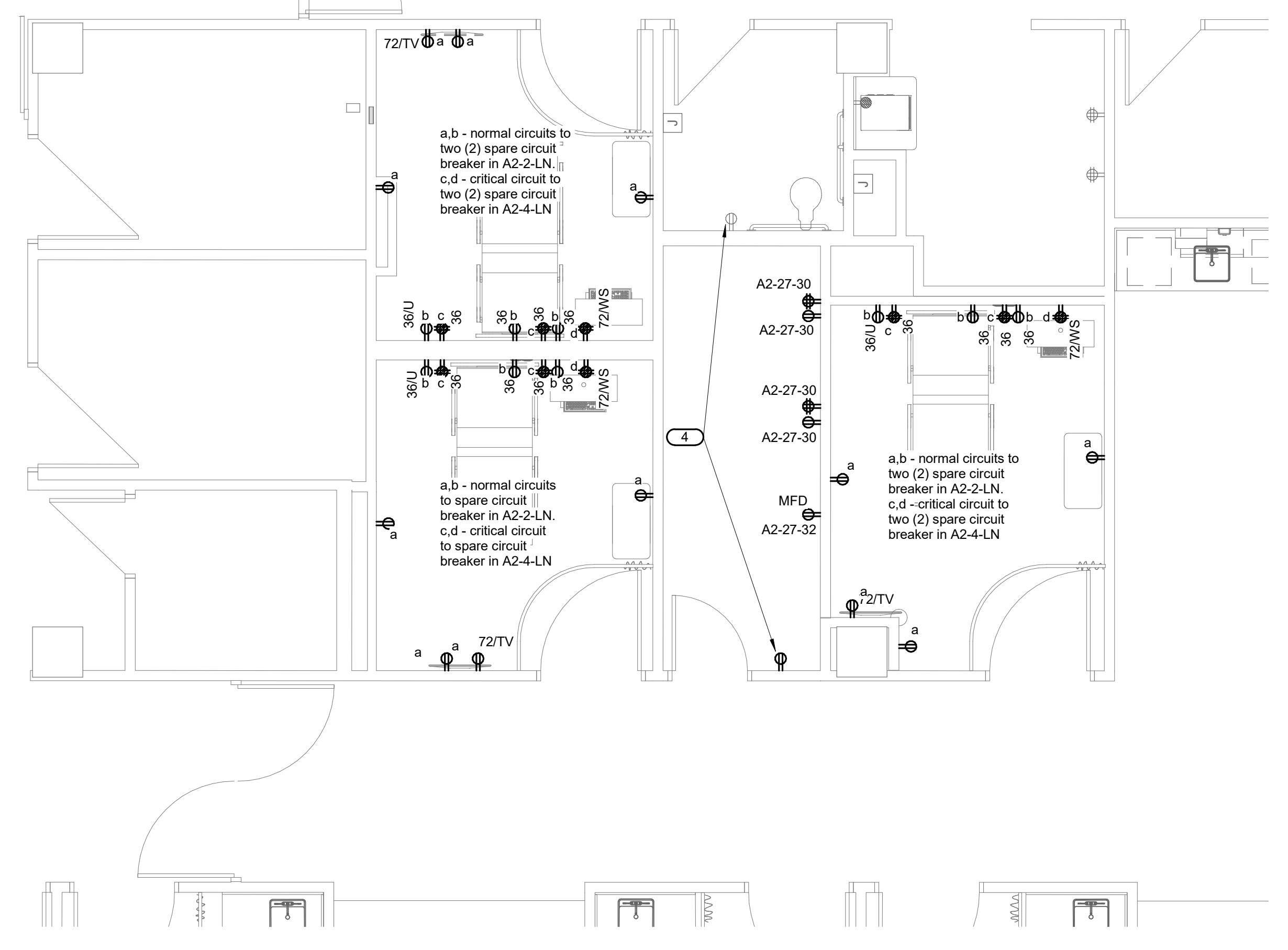
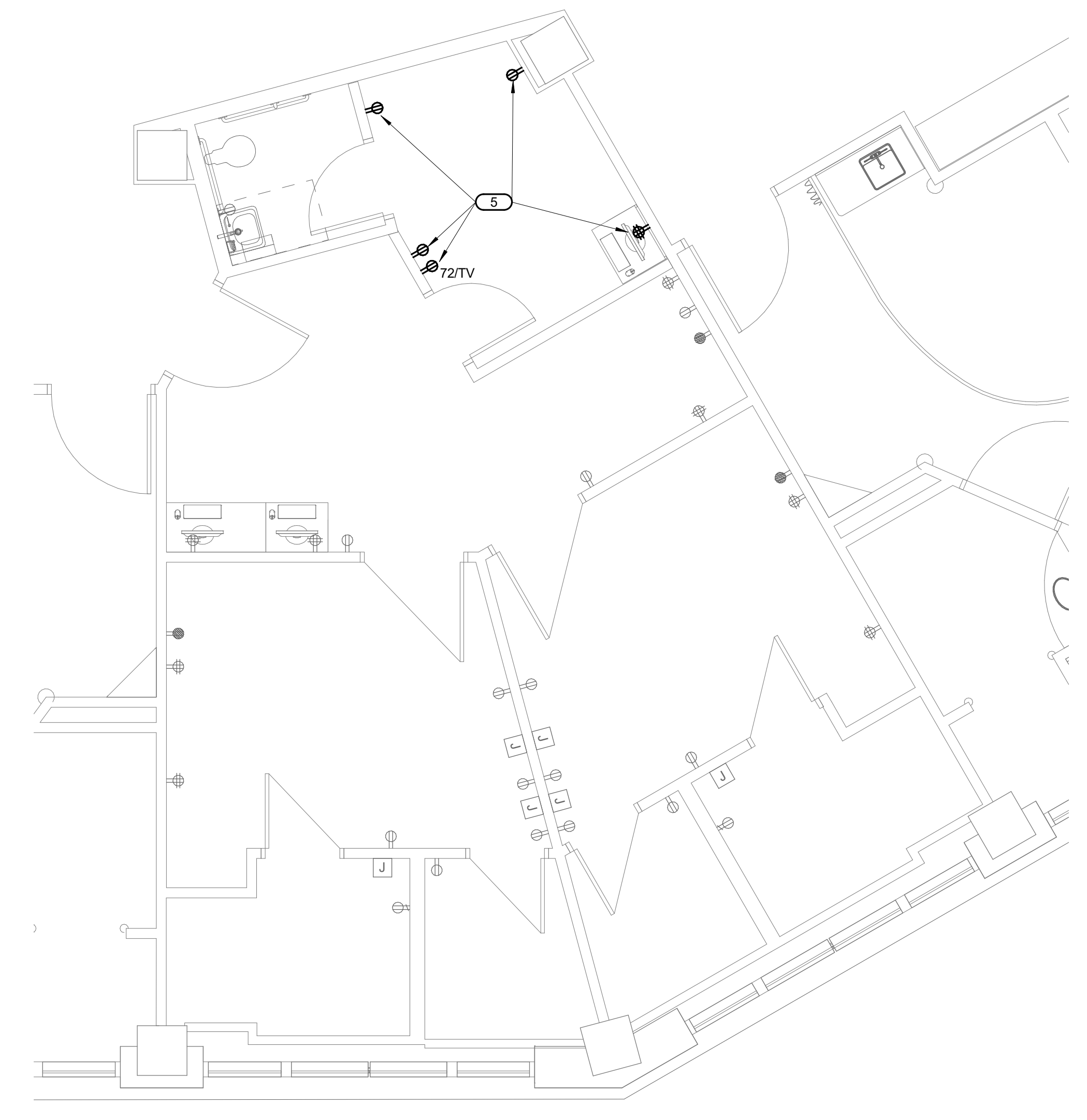


3 SECOND FLOOR - POWER - WELL BABY

1/4" = 1'-0"

2 SECOND FLOOR - POWER - SLEEP ROOM

1/4" = 1'-0"



4 SECOND FLOOR - POWER - ANTEPARTUM

1/4" = 1'-0"

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Development Services Department
St. Louis, Missouri
63102

BRUCE ELDON HART
Professional Engineer
4-15-21

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MOTHER BABY FINISH UPGRADES

100 NE St Lukes Blvd
Lee's Summit, MO 64086

Date 04/15/2021
Job Number 3-21004
Drawn By CNP
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Revision

Number	Date	Description
4	10/01/21	ASI #4
6	10/21/21	ASI #6
10	05/13/22	ASI #10

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SECOND FLOOR - POWER - WELL BABY AND ISO AREAS

