



Saint Luke's East Hospital

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

P R O J E C T T E A M

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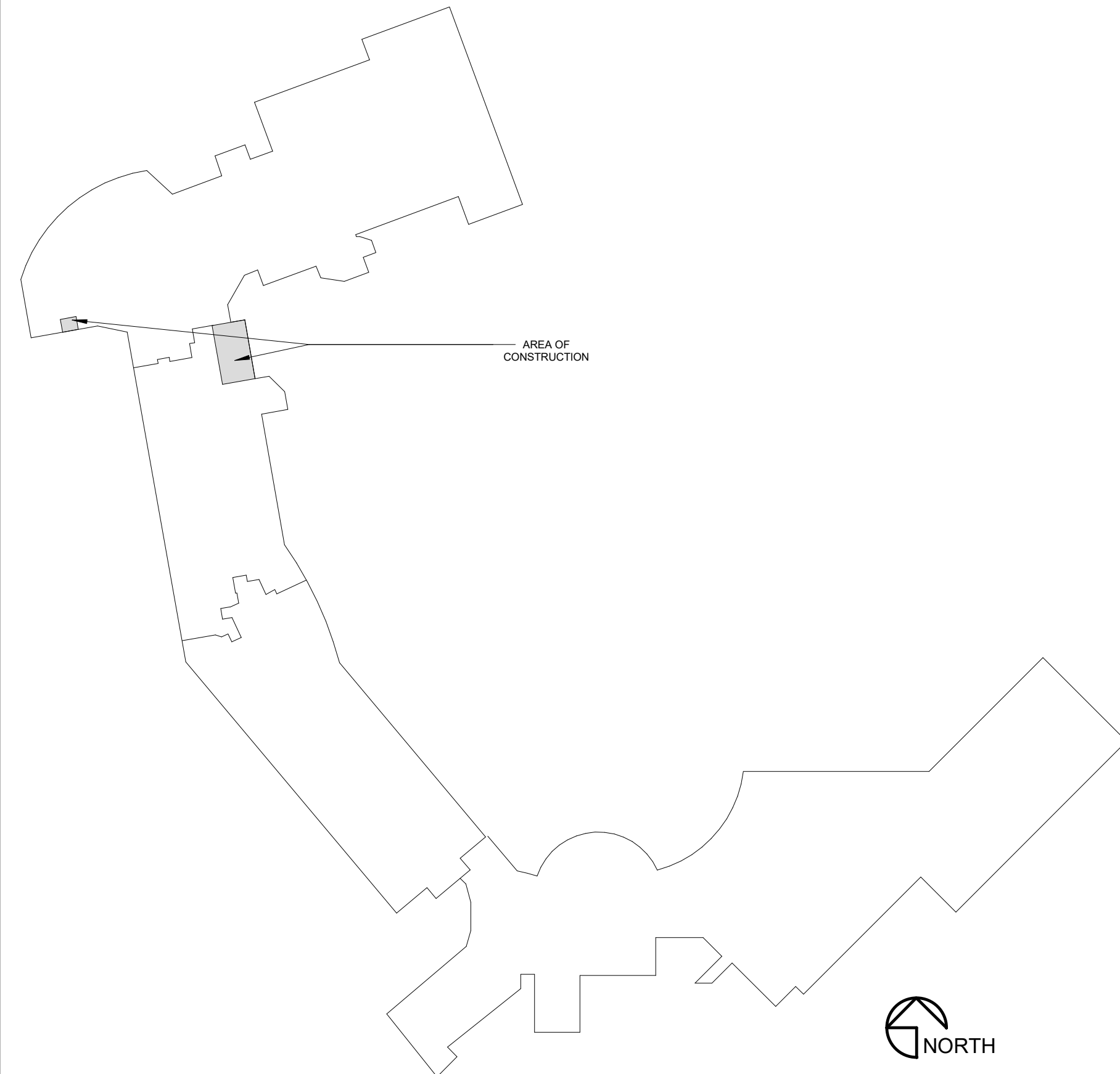
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ABBREVIATIONS

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

LOCATION PLAN



GENERAL NOTES

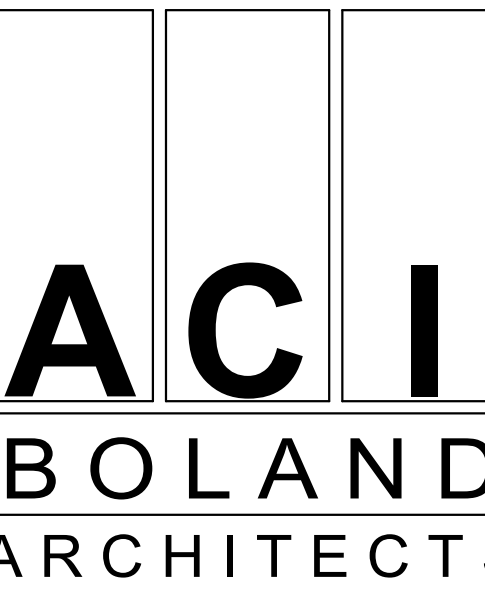
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH A.D.A. REQUIREMENTS AND ALL APPLICABLE LOCAL, STATE, AND FEDERAL BUILDING CODES AND REGULATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY BUILDING PERMITS.
- THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL FIELD VERIFY EXISTING CONDITIONS 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	CODE PLAN
A0.4.1	U.L. DESIGN ASSEMBLIES
DEMOLITION	
AD2.4.1	DEMOLITION PLAN
AD2.4.2	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



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**Saint Luke's
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MOTHER BABY FINISH UPGRADES
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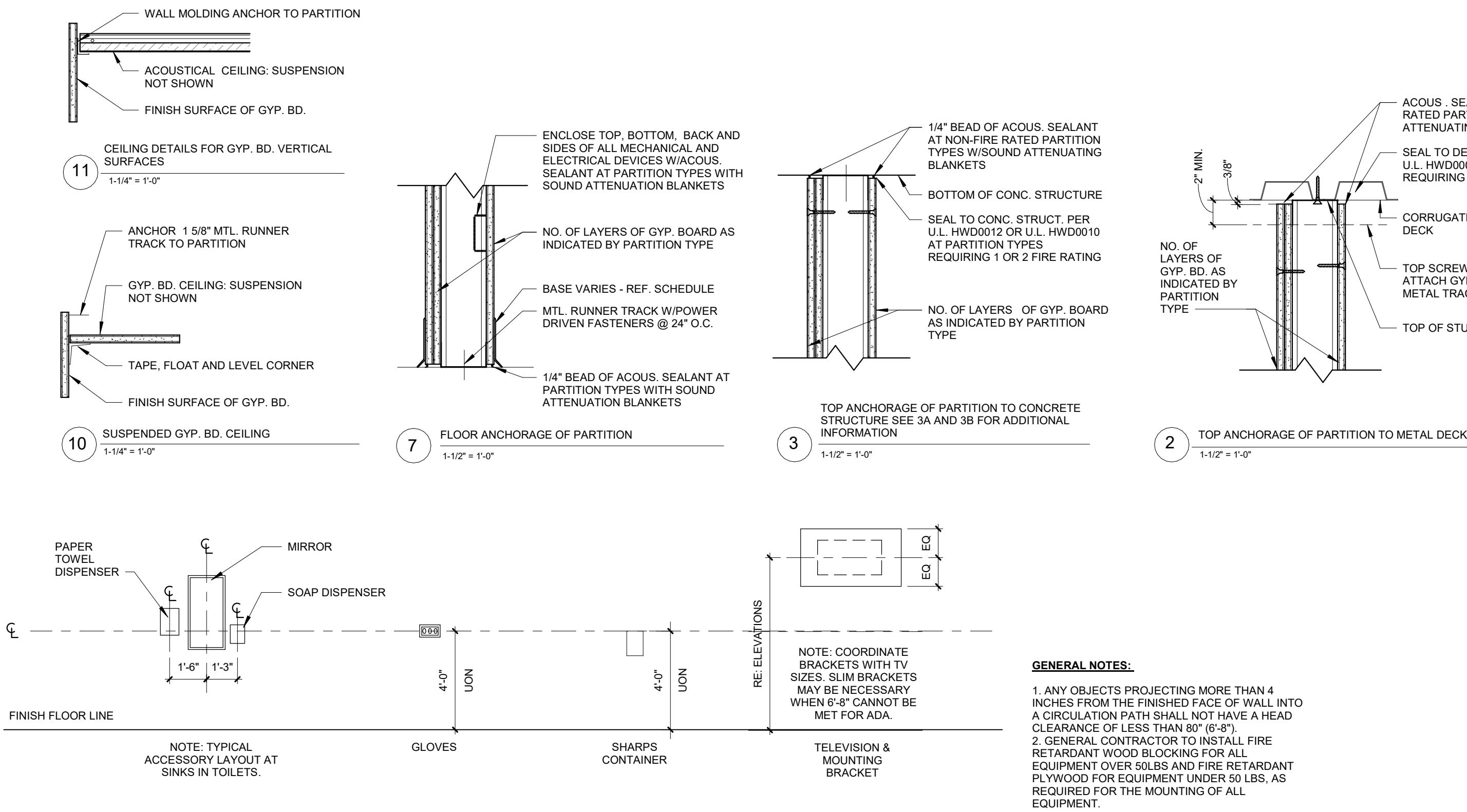
Date 10/1/2021
Job Number 3-21004
Drawn By CN
Checked By AD

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

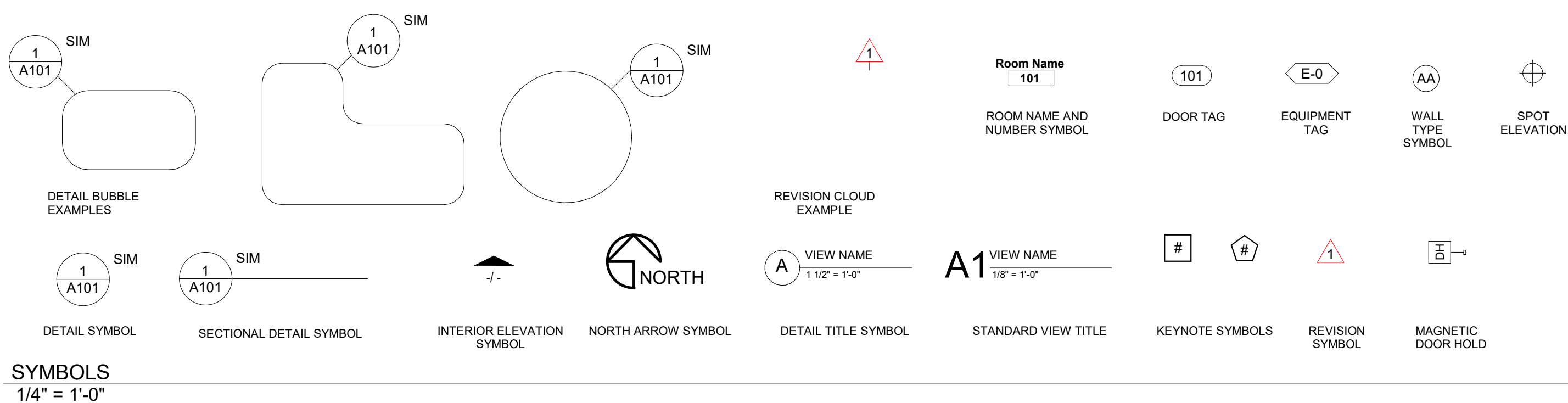
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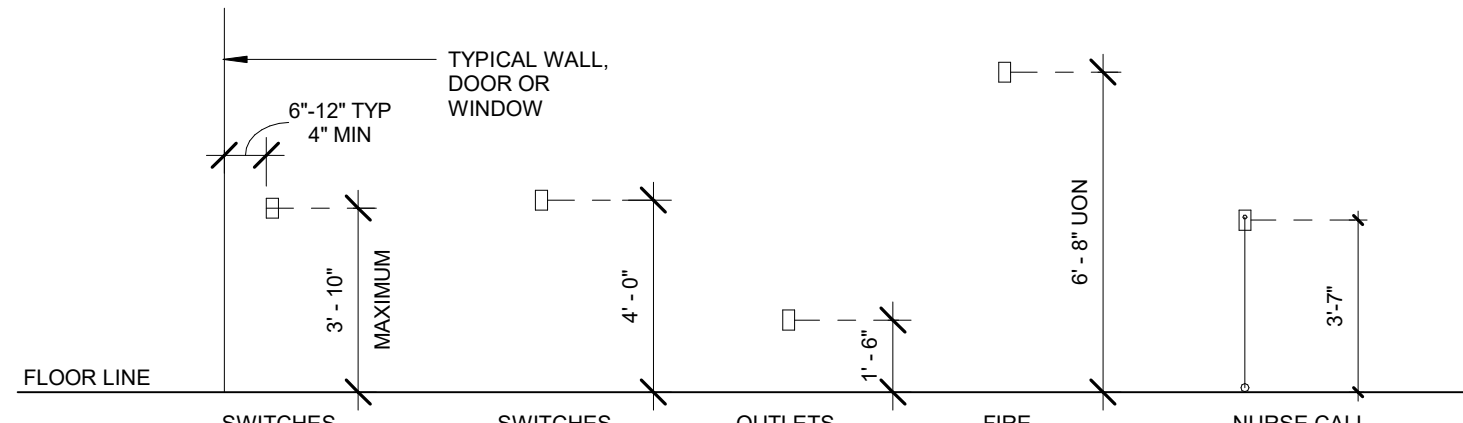
COVER SHEET



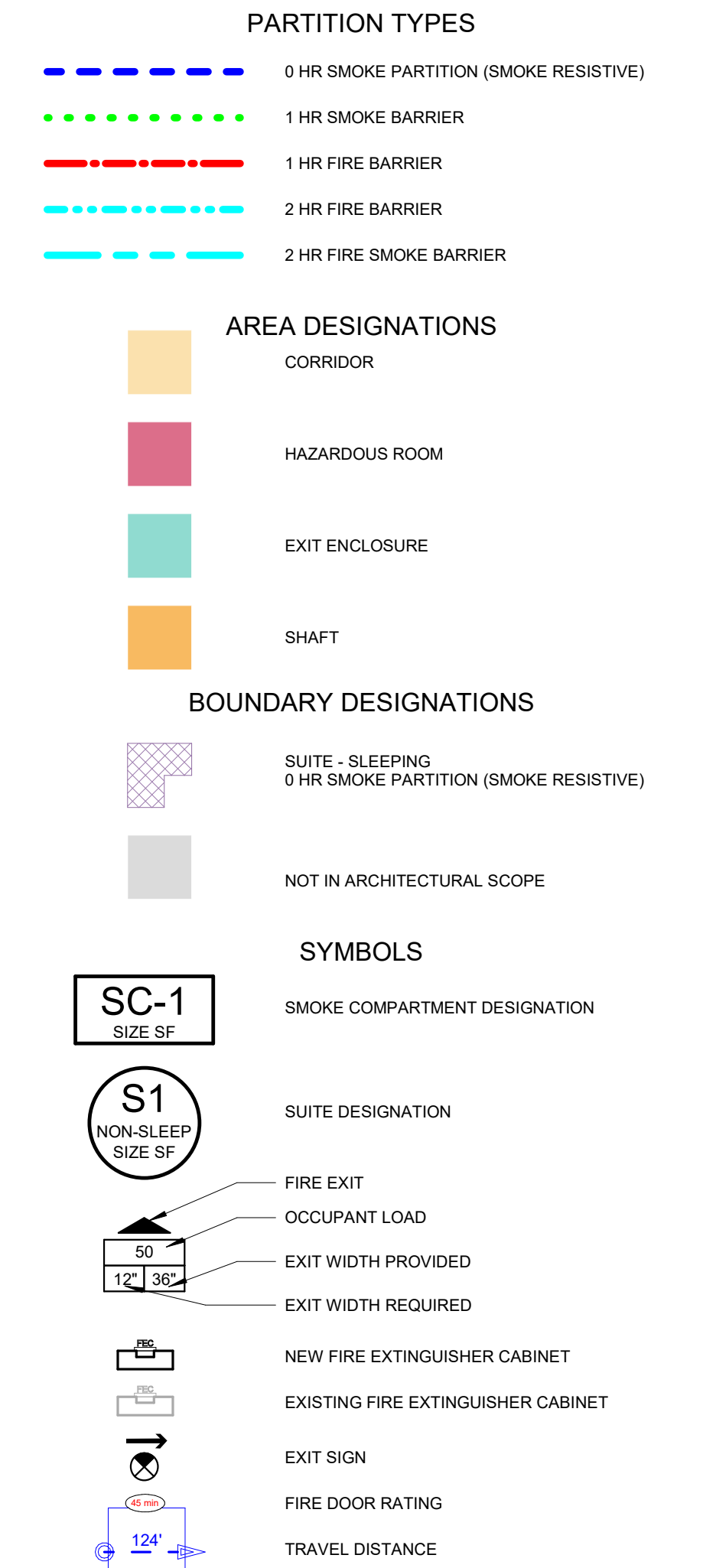
EQUIPMENT MOUNTING HEIGHTS Copy 1
1/4" = 1'-0"



ELECTRICAL DEVICE MOUNTING HEIGHTS Copy 1
1/4" = 1'-0"



CODE FOOTPRINT LEGEND



CODE SUMMARY

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 ICC/ANSI 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: 102sf

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:

Exterior Bearing Walls	3 HR
Interior Bearing Walls	3 HR
Primary Structural Frame	3 HR
Floor Construction	2 HR
Roof Construction	1 1/2 HR
Interior non-bearing walls	0 HR

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 backup generator located outside the main electrical room.
- Illuminated Exit Signs

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

PARTITION 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.



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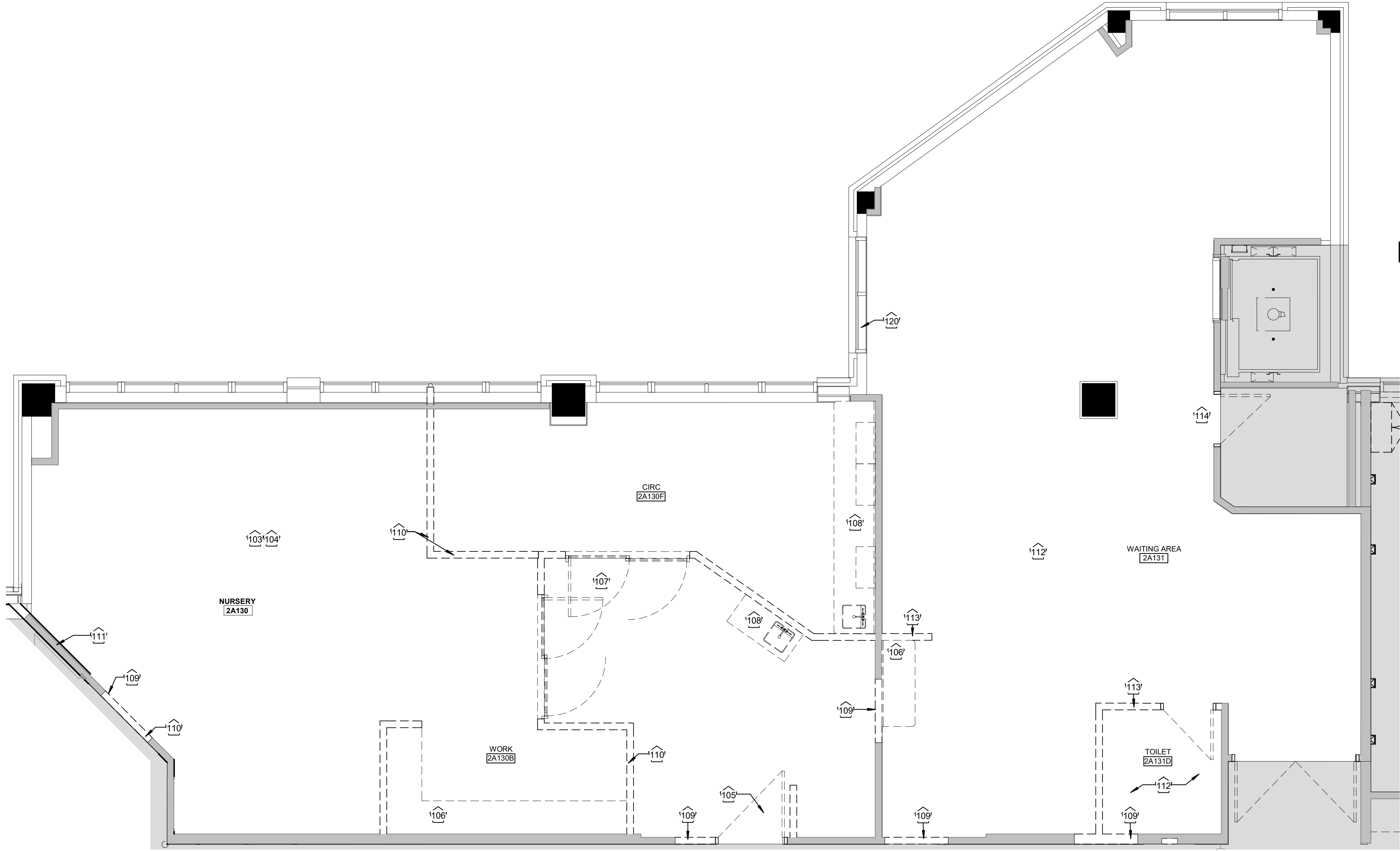
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Number	Date	Description
4	10/1/21	ASI #4
6	10/21/21	ASI #6
10	05/13/22	ASI #10

A0.2.1

CODE PLAN

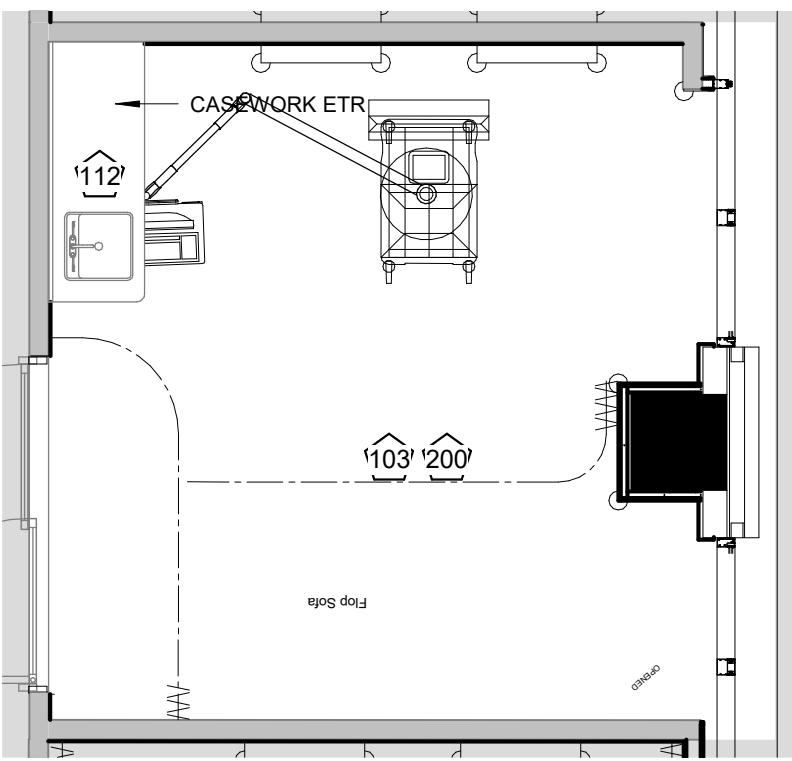
A3 CODE PLAN - WELL BABY
3/32" = 1'-0"



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

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, CEILINGS 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 TO THICKNESS 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, CEILINGS, 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 PHONE/DATA 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 REQUIRED TO ENSURE THAT THE EXISTING BUILDINGS REMAIN WATER TIGHT AND WITHOUT DISAP'S 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.

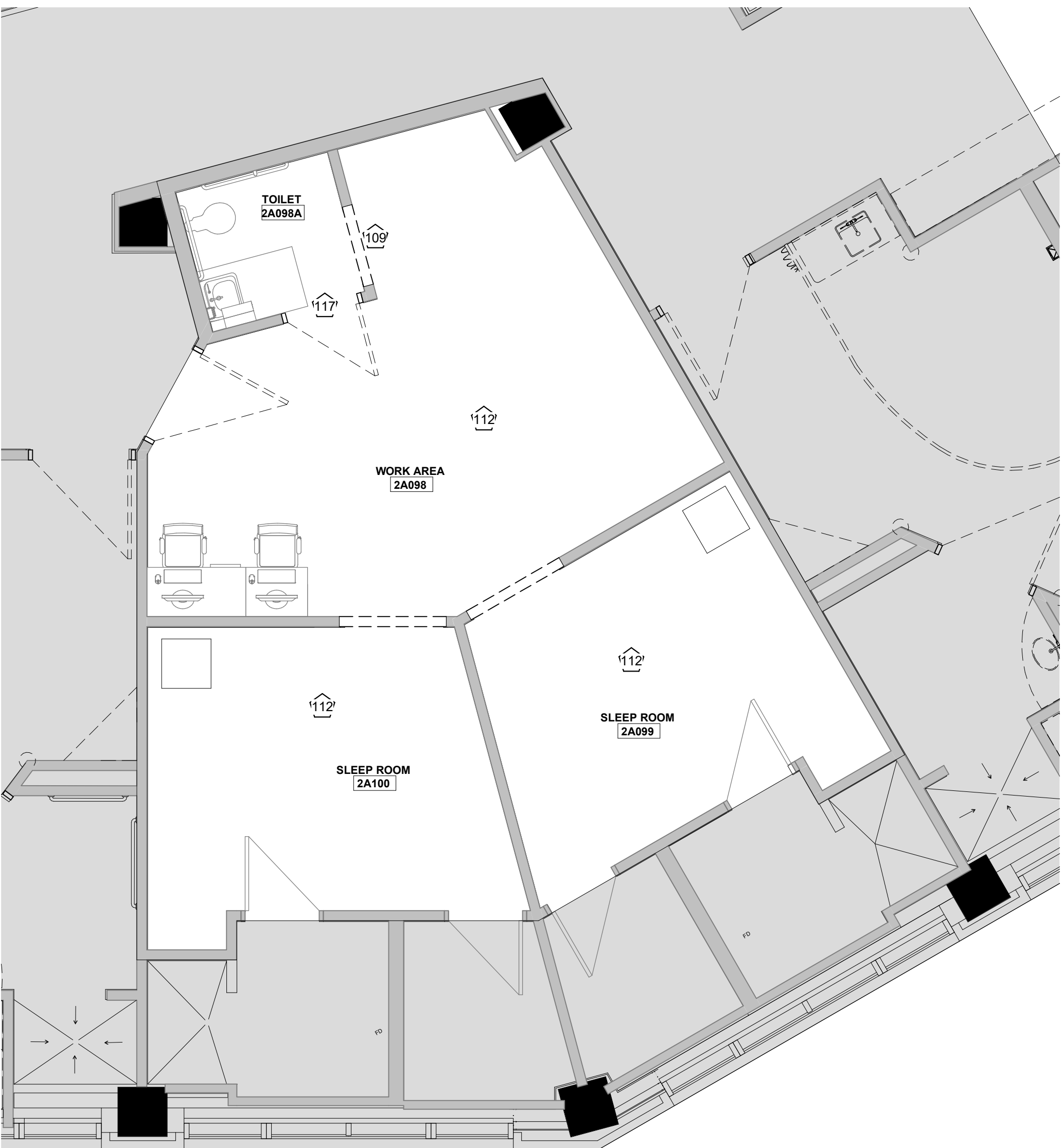


D2 ISO ROOM - DEMO PLAN
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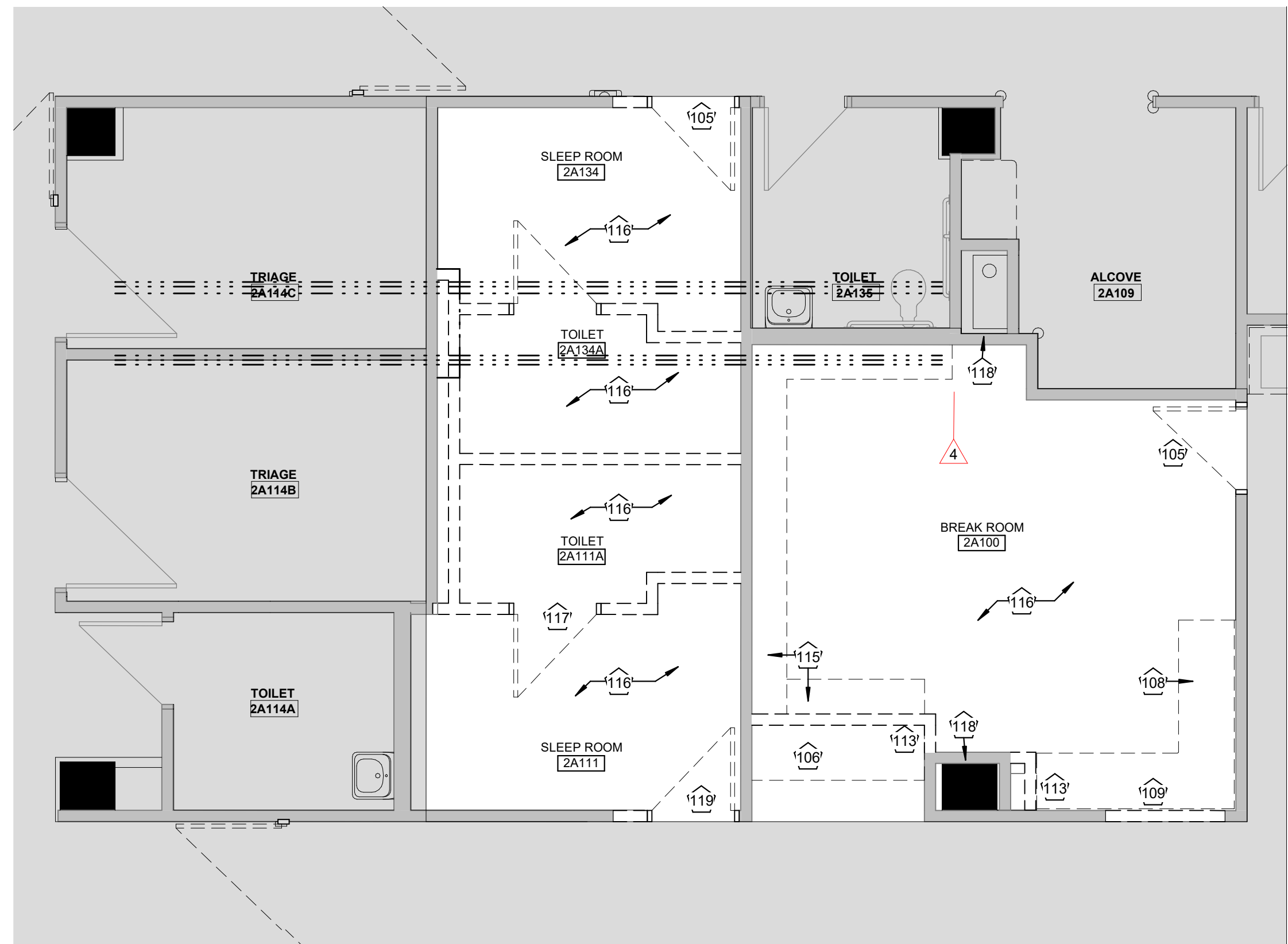


KEYNOTES - DEMO PLAN - WELL BABY

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 GASES 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



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



CONSULTANT 1

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

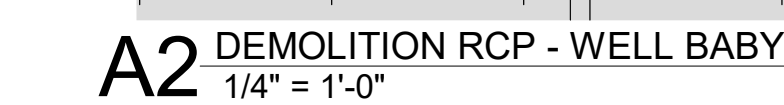
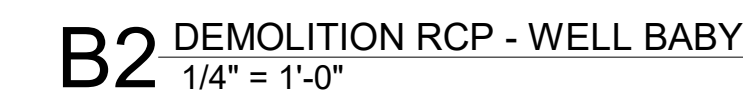
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DEMO RCP



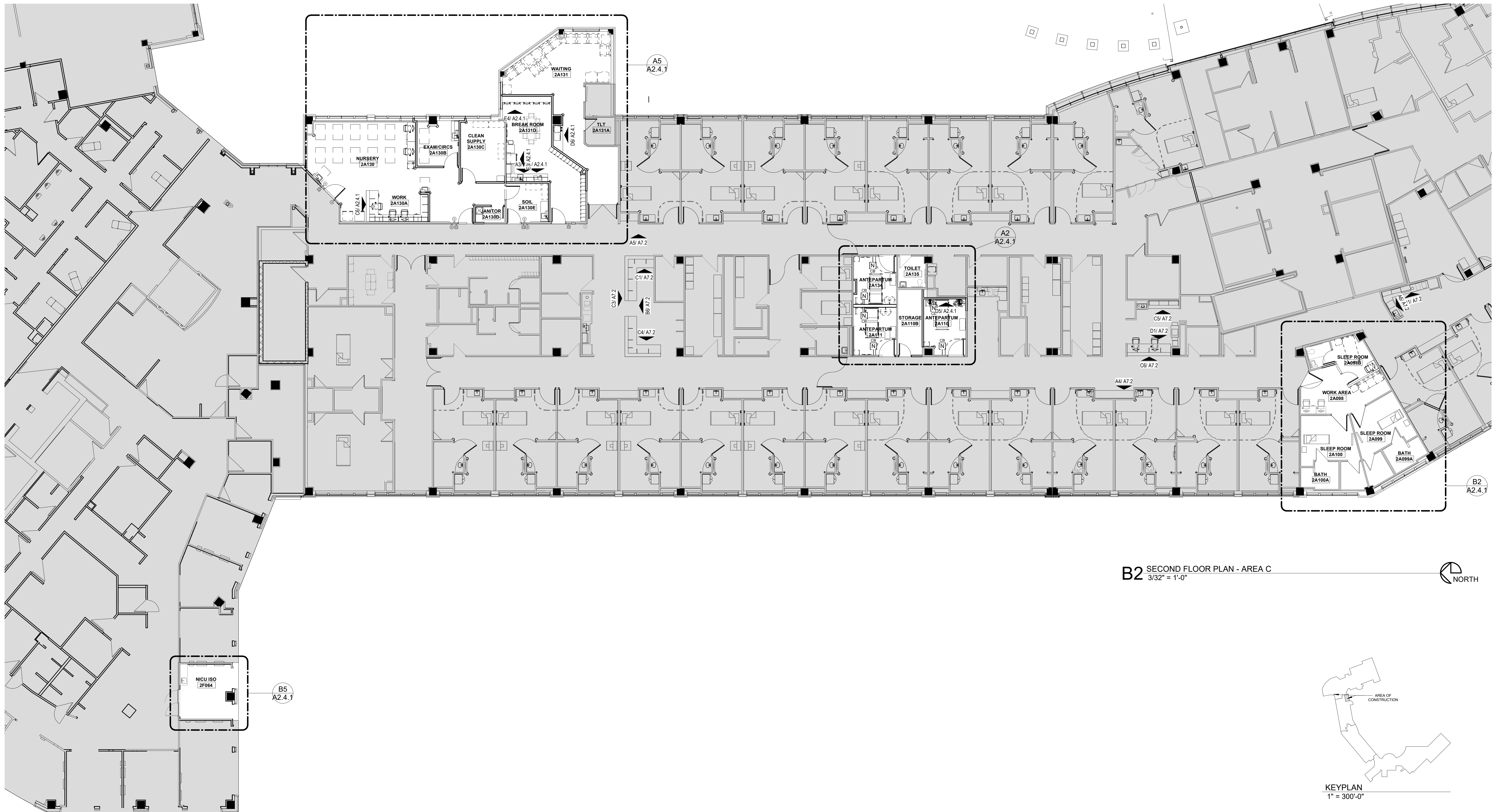
A6 DEMOLITION RCP - WELL BABY
1/4" = 1'-0"

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East Hospital
MOTHER BABY FINISH UPGRADES
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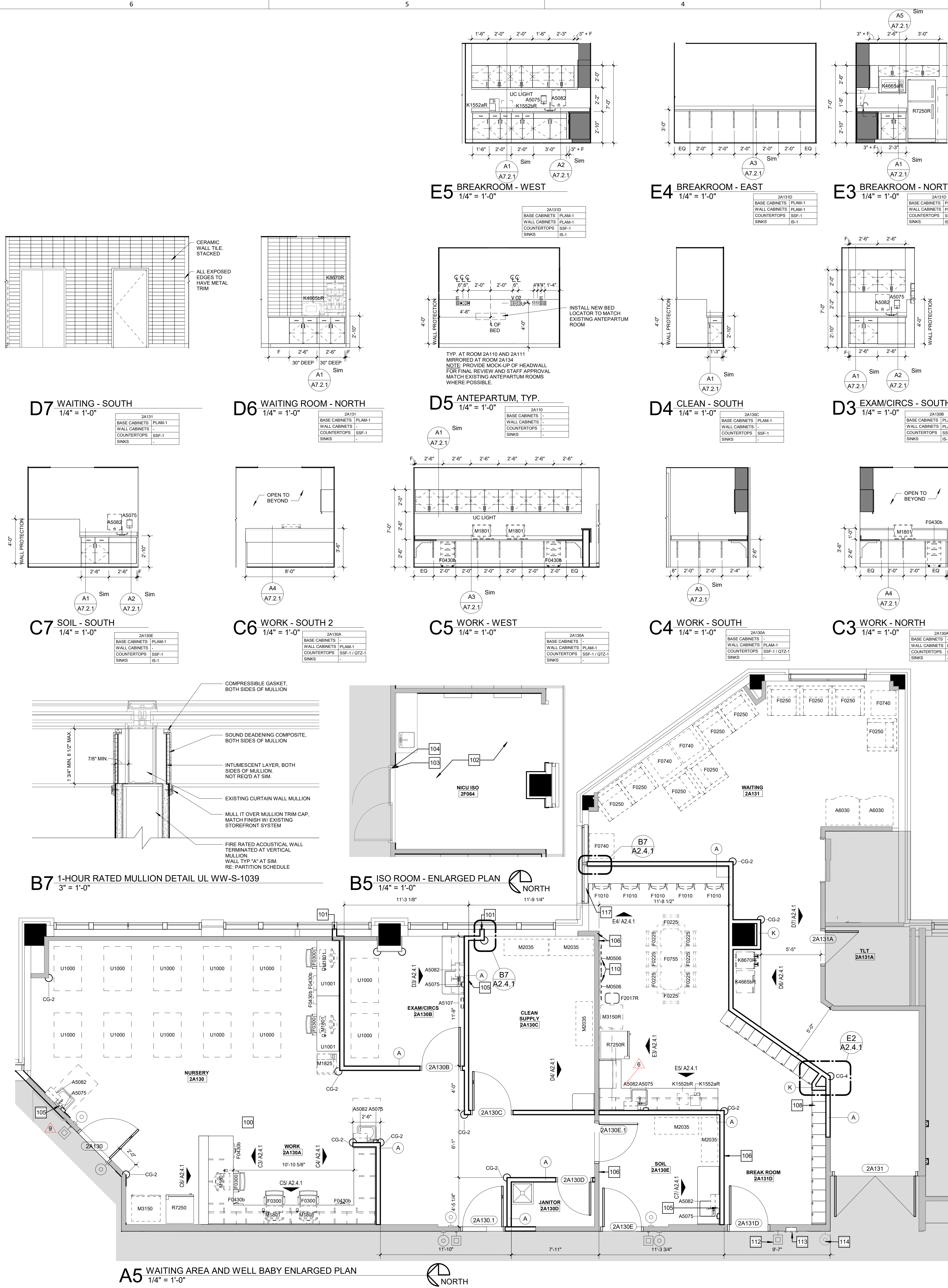
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Date	Description
05/13/22	ASI #10

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OVERALL PLAN



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	PROVIDED BY JOHN A MARSHALL
F0400	CABINET, BEDSIDE	VFVI	PROVIDED BY JOHN A MARSHALL
F0430R	MOBILE DRAWER STORAGE	VFVI	PROVIDED BY JOHN A MARSHALL
F0430R	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
F0755	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
F2405	BED, SINGLE	OFCI	RELOCATED FROM EXISTING BREAK ROOM
K1552R	COFFEE, 3 BURNER	OFCI	RELOCATED FROM EXISTING BREAKROOM
K1552R	COFFEE	OFCI	RELOCATED FROM EXISTING BREAKROOM
K4665R	MICROWAVE	OFCI	RELOCATED FROM EXISTING BREAKROOM
K4665R	MICROWAVE	OFCI	RE-INSTALL AFTER RENOVATION IS COMPLETE
K807R	COFFEE, 2 BURN	OFCI	RELOCATED FROM EXISTING BREAKROOM
M0506	MONITOR, TELEVISION	OFCI	RE-INSTALL AFTER RENOVATION IS COMPLETE
M1801	COMPUTER	OFCI	RE-INSTALL AFTER RENOVATION IS COMPLETE
M1801R	COMPUTER	OFCI	RE-INSTALL AFTER RENOVATION IS COMPLETE
M1825	PRINTER ON CART	OFCI	RE-INSTALL AFTER RENOVATION IS COMPLETE
M2035	WIRE STORAGE RACK	OFCI	RELOCATED FROM EXISTING BREAKROOM
M3150	MEDS TOWER	OFCI	RELOCATED FROM EXISTING BREAKROOM
M3150R	MEDS FRIDGE	OFCI	RELOCATED FROM EXISTING BREAKROOM
M7007	BED, PATIENT, ELECTRIC	OFCI	RELOCATED FROM EXISTING BREAKROOM
M7040	TABLE, OVER BED	OFCI	RELOCATED FROM EXISTING BREAKROOM
R7250	REFRIGERATOR/FREEZER	OFCI	RELOCATED FROM EXISTING BREAKROOM
R7250R	REFRIGERATOR/FREEZER	OFCI	RELOCATED FROM EXISTING BREAKROOM
U1000	BASSINET	OFCI	RELOCATED FROM EXISTING BREAKROOM
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	RE-INSTALL AFTER RENOVATION IS COMPLETE
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" BASE, 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-GRID CONSTRUCTION AROUND EXISTING STORM AND SANITARY LINES. HOLD FRAMING TIGHT TO EXISTING PLUMBING SYSTEMS.
117	PROVIDE NEW WINDOW SILL. RE: FINISH LEGEND.

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East Hospital
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100 NE Saint Luke's Blvd
Lee's Summit, MO 64086Date 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

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WELL BABY

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B

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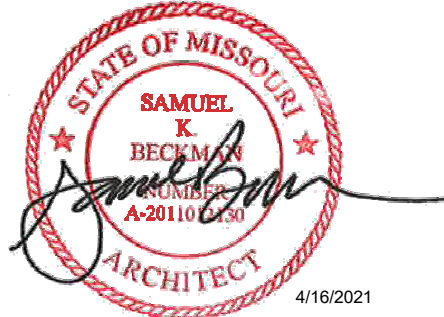
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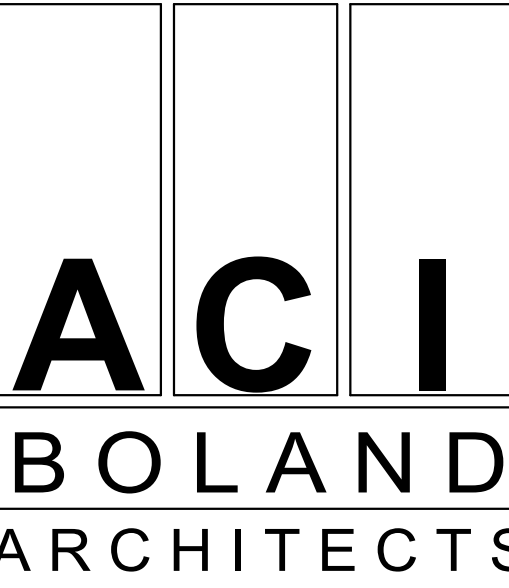
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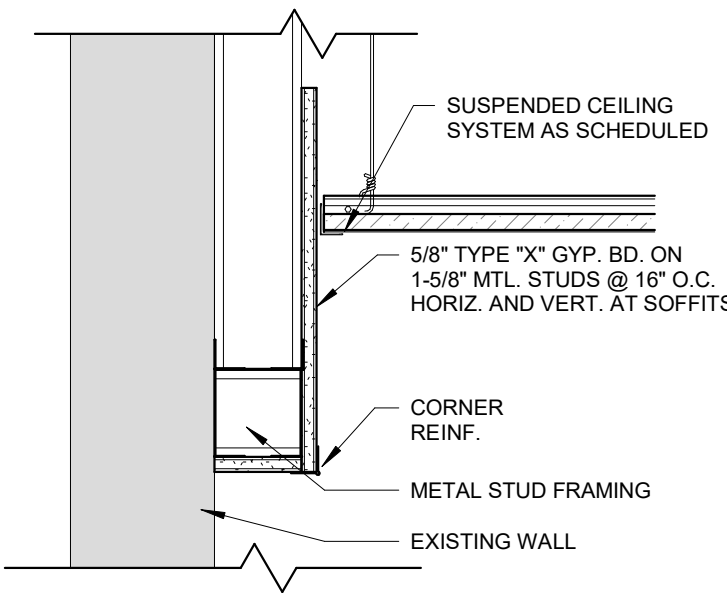
**Saint Luke's
East Hospital**
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100 NE Saint Luke's Blvd
Lee's Summit, MO 64086

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

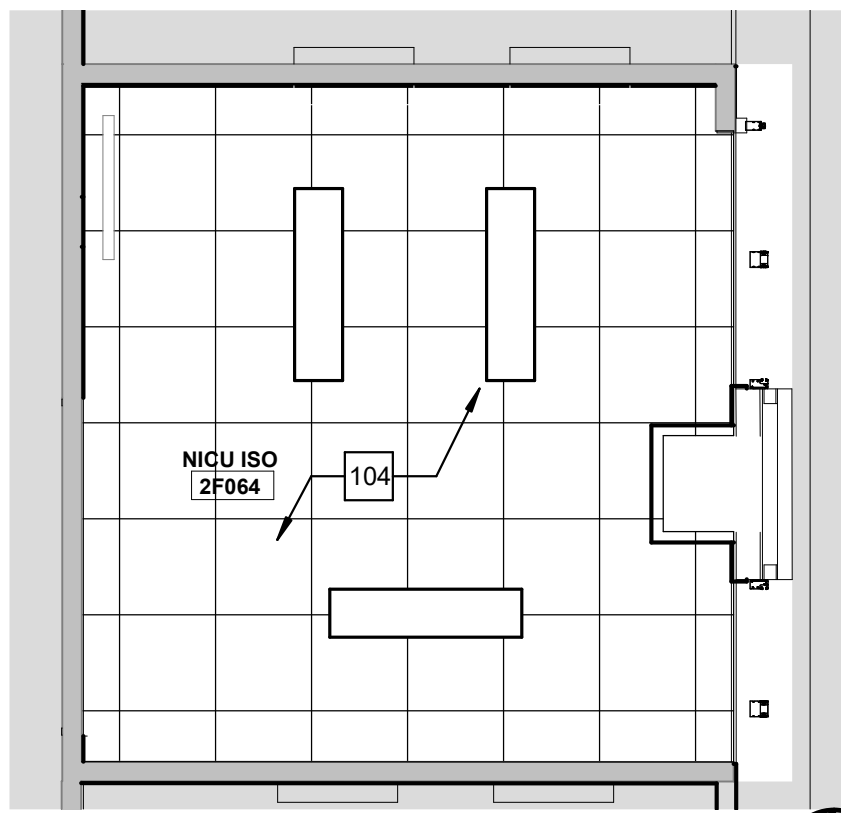
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Number Date Description
10 05/13/22 ASI #10

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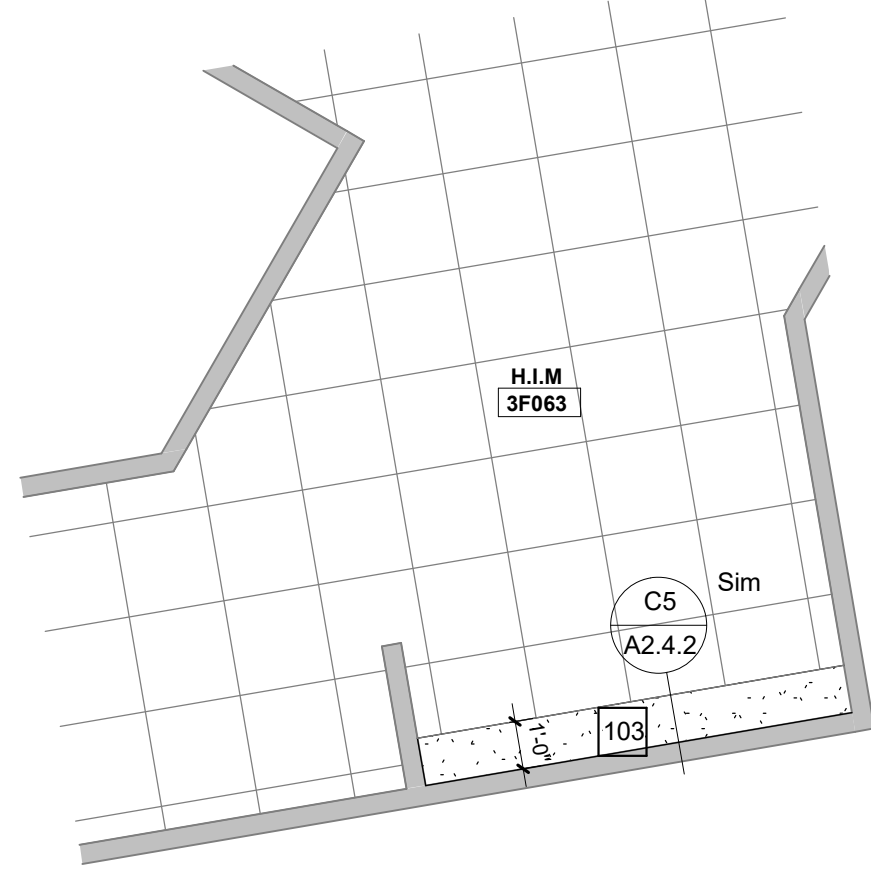
#	KEYNOTES - RCP - WELL BABY
NUMBER	COMMENTS
100	NEW CEILING TILES AND GRID RE FINISH LEGEND
101	NEW SPRINKLER HEADS, TYPICAL ALL ROOMS REMEP
102	INSTALL NEW 2X4 LIGHTING THROUGHOUT REMEP
103	INSTALL NEW SOFFIT FOR NE DUCTWORK, FIELD VERIFY HEIGHT, BOTTOM OF SOFFIT TO BE NO LESS THAN 6'-9" A.F.F.
104	INSTALL NEW 2X2 GASKETED VINYL FACED CLEANABLE CEILING TILES AND GRID.
105	MODIFY EXISTING CEILING AND GRID TO COORDINATE WITH NEW CONSTRUCTION
106	RELOCATE EXISTING LIGHTS, DIFFUSERS, AND SPRINKLER HEADS AS REQ'D TO COORDINATE WITH NEW CONST. RE-MEP



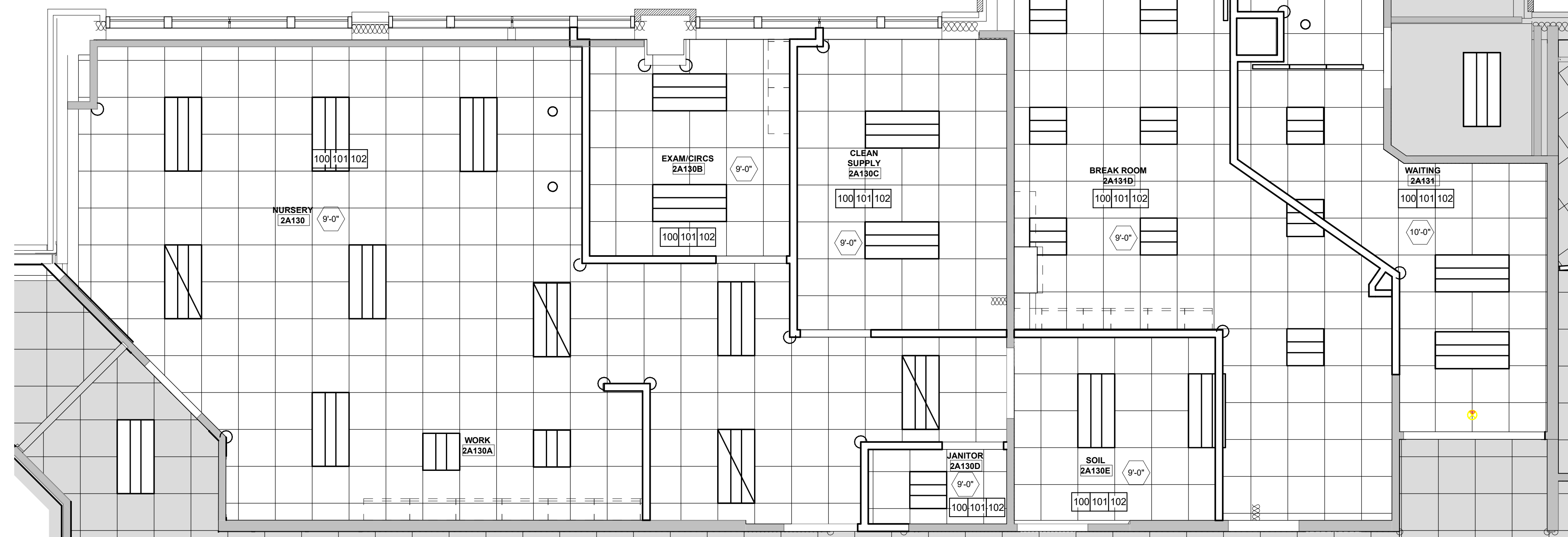
C5 GYPSUM BOARD SOFFIT
1 1/2" = 1'-0"



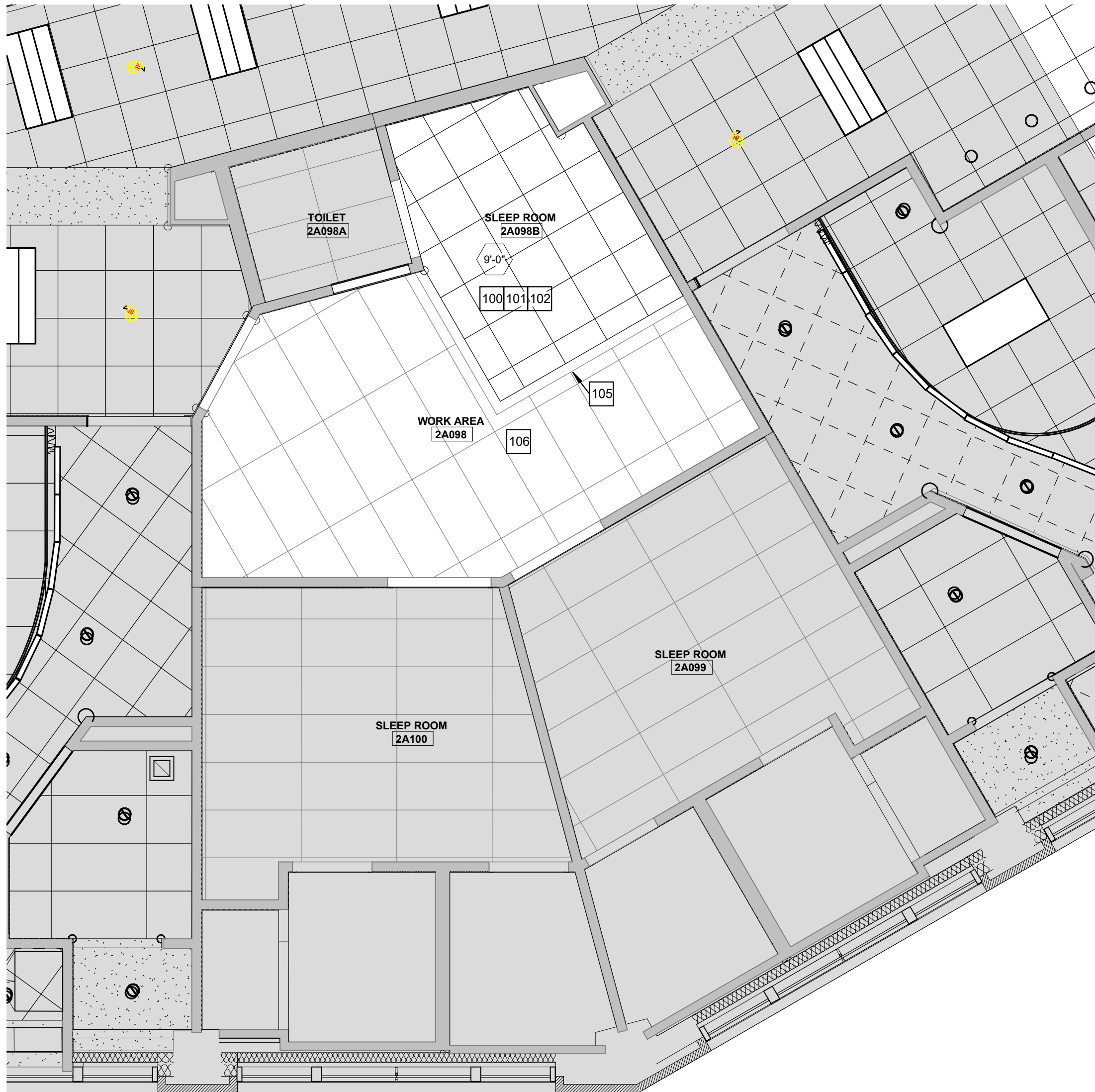
B6 ISO ROOM - RCP
1/4" = 1'-0"



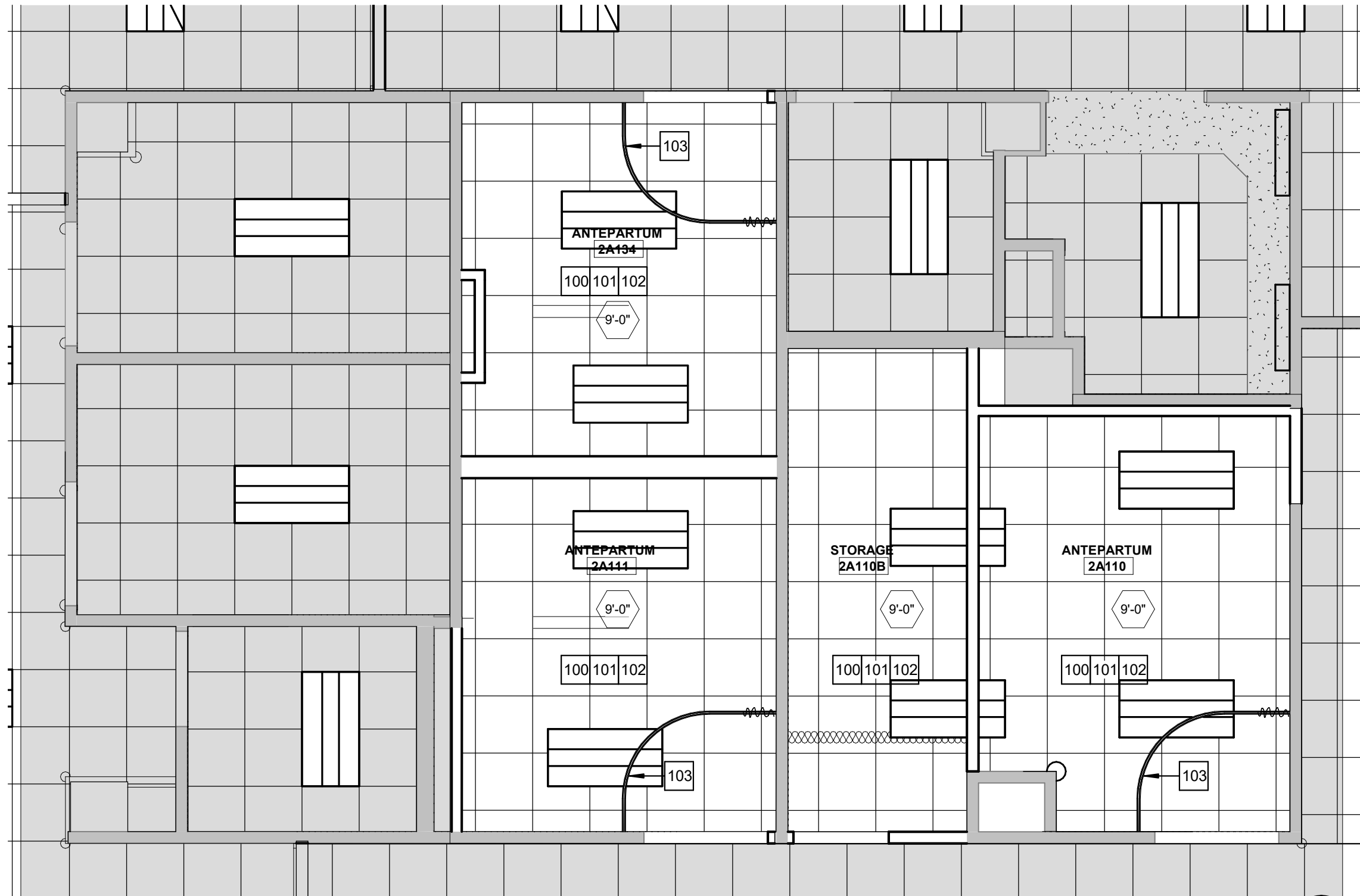
B5 3RD FLOOR H.I.M. - RCP
1/4" = 1'-0"



A6 WAITING AREA AND WELL BABY RCP
1/4" = 1'-0"



B2 SLEEP ROOM RCP
1/4" = 1'-0"



A2 ANTEPARTUM RCP
1/4" = 1'-0"



DOOR SCHEDULE WELL BABY

DOOR #	ROOM NAME	DOOR INFORMATION				FRAME INFORMATION				LABEL (MM)	HARDWARE SET	OPENING DETAIL		REMARKS	
		WIDTH	HEIGHT	NO. OF LEAVES	UNEQUAL LEAF WIDTH	ELEV.	MATL.	ELEV.	MATL.			GLAZING	HEAD		JAMB
2A098	WORK AREA	4'-0"	7'-0"	1		F	WD	1	--	--	0 hr	05	--	--	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
2A098B	SLEEP ROOM	3'-0"	7'-0"	1		ETR	--	1	HM	--	--	--	--	--	EXISTING DOOR TO REMAIN, INSTALL EXISTING HARDWARE FROM DEMO'D SLEEP ROOM
2A099	SLEEP ROOM	4'-0"	7'-0"	1		ETR	--	1	--	--	--	REINSTATEL EXISTING (TYP)	--	--	EXISTING DOOR TO REMAIN, INSTALL NEW PUNCH LOCK
2A100	SLEEP ROOM	4'-0"	7'-0"	1		ETR	--	1	--	--	--	05	--	--	STOREROOM LOCKSET
2A110	ANTEPARTUM	4'-0"	7'-0"	1		F	WD	1	HM	--	0 hr	03	--	--	
2A108	STORAGE	3'-0"	7'-0"	1		F	WD	1	HM	--	45 mm	02	--	--	
2A111	ANTEPARTUM	4'-0"	7'-0"	1		F	WD	1	HM	--	0 hr	03	--	--	
2A130	NURSERY	3'-0"	7'-0"	1		N	WD	1	HM	T	0 hr	01	D1A2.4.1	C1A2.4.1	
2A130.1	NURSERY	3'-0"	7'-0"	1		N	WD	1	HM	T	0 hr	01	D1A2.4.1	C1A2.4.1	
2A130B	EXAM/CIRCS	3'-0"	7'-0"	1		F	WD	1	HM	--	--	03	D1A2.4.1	C1A2.4.1	
2A130C	CLEAN SUPPLY	3'-0"	7'-0"	1		N	WD	1	HM	FR	45 mm	03	D1A2.4.1	C1A2.4.1	CLOSER
2A130D	JANITOR	3'-0"	7'-0"	1		F	WD	1	HM	--	--	02	D1A2.4.1	C1A2.4.1	
2A130E	SOIL	3'-0"	7'-0"	1		F	WD	1	HM	--	45 mm	01	D1A2.4.1	C1A2.4.1	AUTO CLOSER
2A130E.1	SOIL	3'-0"	7'-0"	1		F	WD	1	HM	--	45 mm	03	D1A2.4.1	C1A2.4.1	CLOSER
2A131	CORRIDOR	3'-0"	7'-0"	2		N	WD	2	HM	--	0 hr	REINSTATEL EXISTING (TYP)	--	--	DOORS REPLACED UNDER PHASE 1 MOTHER BABY
2A131A	TLT	3'-0"	7'-0"	1		F	WD	1	HM	--	--	REINSTATEL EXISTING (TYP)	--	--	DOORS REPLACED UNDER PHASE 1 MOTHER BABY
2A131D	BREAK ROOM	3'-0"	7'-0"	1		F	WD	1	HM	--	0 hr	04	D1A2.4.1	C1A2.4.1	CR? OR PUNCH LOCK?
2A134	ANTEPARTUM	4'-0"	7'-0"	1		F	WD	1	HM	--	0 hr	03	--	--	

SAINT LUKE'S EAST - WELL BABY HARDWARE

HARDWARE SET: 01

DOOR NUMBER: 2A130.1, 2A130, 2A130E

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	HINGE	5881HWSC	626 IVE	SCH
1	STOREROOM LOCK	NB80LD RHO	626 SCH	SCH
1	CYLINDER BY OWNER	626 VON	630 VON	SCH
1	ELECTRIC STRIKE	6211 FSE 12/16/24/28 VAC/VDC	689 HOR	BEA
1	AUTO OPERATOR	4000 LE SERIES	630 HOR	BEA
1	PRESSENCE SENSOR	WALL ACTUATOR	630 IVE	WHT
1	ARMOR PLATE	6402 34" LDW B-CS	630 IVE	WHT
1	WALL STOP	WS406/407CCV	630 IVE	WHT
1	GASKETING	4885BK PSA	630 IVE	WHT
1	DOOR CONTACT	679-05	630 IVE	WHT
1	NOTE	CARD ACCESS BY SECURITY	630 IVE	WHT
1	NOTE	LOW VOLTAGE POWER BY SECURITY	630 IVE	WHT
1	NOTE	WIRING DIAGRAM BY SECURITY	630 IVE	WHT

OPERATION: DOOR NORMALLY CLOSED AND LOCKED. ENTRY VIA VALID CARD READ, RELEASING ELECTRIC STRIKE. PRESSING ACTUATOR AFTER VALID CARD READ WILL OPEN DOOR. ALWAYS FREE FOR EGRESS. EGRESS BY AUTO OPERATOR BY PRESSING INTERIOR ACTUATOR. FIRST RELEASING ELECTRIC STRIKE THEN INITIATING AUTO OPERATOR CYCLE.

HARDWARE SET: 04

DOOR NUMBER: 2A131D

EACH TO HAVE:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	HINGE	5881HWSC	626 IVE	SCH
1	STOREROOM LOCK	NB80LD RHO	626 SCH	SCH
1	CYLINDER BY OWNER	626 VON	630 VON	SCH
1	ELECTRIC STRIKE	6211 FSE 12/16/24/28 VAC/VDC	689 HOR	BEA
1	SURFACE CLOSER	4040XP	630 IVE	WHT
1	WALL STOP	WS406/407CCV	630 IVE	WHT
1	GASKETING	4885BK PSA	630 IVE	WHT
1	DOOR CONTACT	679-05	630 IVE	WHT
1	NOTE	CARD ACCESS BY SECURITY	630 IVE	WHT
1	NOTE	LOW VOLTAGE POWER BY SECURITY	630 IVE	WHT
1	NOTE	WIRING DIAGRAM BY SECURITY	630 IVE	WHT

OPERATION: DOOR NORMALLY CLOSED AND LOCKED. ENTRY VIA VALID CARD READ, ALWAYS FREE FOR EGRESS.

HARDWARE SET: 05

DOOR NUMBER: 2A099, 2A100

EACH TO HAVE:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	HINGE	5881HW	626 SCH	SCH
1	PUNCH LOCK	CO100CY50KP (MATCH EXISTING)	626 SCH	SCH
1	CYLINDER BY OWNER	626 VON	630 VON	SCH
1	WALL STOP	WS406/407CCV	630 IVE	WHT
1	SILENCER	SR46	630 IVE	WHT

OPERATION: DOOR NORMALLY CLOSED AND LOCKED. ENTRY VIA VALID CARD READ, ALWAYS FREE FOR EGRESS.

HARDWARE SET: 06

DOOR NUMBER: 2A131D

EACH TO HAVE:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	HINGE	5881HWSC	626 IVE	SCH
1	STOREROOM LOCK	NB80LD RHO	626 SCH	SCH
1	CYLINDER BY OWNER	626 VON	630 VON	SCH
1	ELECTRIC STRIKE	6211 FSE 12/16/24/28 VAC/VDC	689 HOR	BEA
1	SURFACE CLOSER	4040XP	630 IVE	WHT
1	WALL STOP	WS406/407CCV	630 IVE	WHT
1	GASKETING	4885BK PSA	630 IVE	WHT
1	DOOR CONTACT	679-05	630 IVE	WHT
1	NOTE	CARD ACCESS BY SECURITY	630 IVE	WHT
1	NOTE	LOW VOLTAGE POWER BY SECURITY	630 IVE	WHT
1	NOTE	WIRING DIAGRAM BY SECURITY	630 IVE	WHT

OPERATION: DOOR NORMALLY CLOSED AND LOCKED. ENTRY VIA VALID CARD READ, ALWAYS FREE FOR EGRESS.

HARDWARE SET: 07

DOOR NUMBER: 2A130.1, 2A130, 2A130E

EACH TO HAVE:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	HINGE	5881HWSC	626 IVE	SCH
1	STOREROOM LOCK	NB80LD RHO	626 SCH	SCH
1	CYLINDER BY OWNER	626 VON	630 VON	SCH
1	ELECTRIC STRIKE	6211 FSE 12/16/24/28 VAC/VDC	689 HOR	BEA
1	SURFACE CLOSER	4040XP	630 IVE	WHT
1	WALL STOP	WS406/407CCV	630 IVE	WHT
1	GASKETING	4885BK PSA	630 IVE	WHT
1	DOOR CONTACT	679-05	630 IVE	WHT
1	NOTE	CARD ACCESS BY SECURITY	630 IVE	WHT
1	NOTE	LOW VOLTAGE POWER BY SECURITY	630 IVE	WHT
1	NOTE	WIRING DIAGRAM BY SECURITY	630 IVE	WHT

OPERATION: DOOR NORMALLY CLOSED AND LOCKED. ENTRY VIA VALID CARD READ, ALWAYS FREE FOR EGRESS.

HARDWARE SET: 08

DOOR NUMBER: 2A130.1, 2A130, 2A130E

EACH TO HAVE:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	HINGE	5881HWSC	626 IVE	SCH
1	STOREROOM LOCK	NB80LD RHO	626 SCH	SCH
1	CYLINDER BY OWNER	626 VON	630 VON	SCH
1	ELECTRIC STRIKE	6211 FSE 12/16/24/28 VAC/VDC	689 HOR	BEA
1	SURFACE CLOSER	4040XP	630 IVE	WHT
1	WALL STOP	WS406/407CCV	630 IVE	WHT
1	GASKETING	4885BK PSA	630 IVE	WHT
1	DOOR CONTACT	679-05	630 IVE	WHT
1	NOTE	CARD ACCESS BY SECURITY	630 IVE	WHT
1	NOTE	LOW VOLTAGE POWER BY SECURITY	630 IVE	WHT
1	NOTE	WIRING DIAGRAM BY SECURITY	630 IVE	WHT

OPERATION: DOOR NORMALLY CLOSED AND LOCKED. ENTRY VIA VALID CARD READ, ALWAYS FREE FOR EGRESS.

HARDWARE SET: 09

DOOR NUMBER: 2A130.1, 2A130, 2A130E

EACH TO HAVE:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	HINGE	5881HWSC	626 IVE	SCH
1	STOREROOM LOCK	NB80LD RHO	626 SCH	SCH
1	CYLINDER BY OWNER	626 VON	630 VON	SCH
1	ELECTRIC STRIKE	6211 FSE 12/16/24/28 VAC/VDC	689 HOR	BEA
1	SURFACE CLOSER	4040XP	630 IVE	WHT
1	WALL STOP	WS406/407CCV	630 IVE	WHT
1	GASKETING	4885BK PSA	630 IVE	WHT
1	DOOR CONTACT	679-05	630 IVE	WHT
1	NOTE	CARD ACCESS BY SECURITY	630 IVE	WHT
1	NOTE	LOW VOLTAGE POWER BY SECURITY	630 IVE	WHT
1	NOTE	WIRING DIAGRAM BY SECURITY	630 IVE	WHT

OPERATION: DOOR NORMALLY CLOSED AND LOCKED. ENTRY VIA VALID CARD READ, ALWAYS FREE FOR EGRESS.

HARDWARE SET: 10

DOOR NUMBER: 2A130.1, 2A130, 2A130E

EACH TO HAVE:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	HINGE	5881HWSC	626 IVE	SCH
1	STOREROOM LOCK	NB80LD RHO	626 SCH	SCH
1	CYLINDER BY OWNER	626 VON	630 VON	SCH
1	ELECTRIC STRIKE	6211 FSE 12/16/24/28 VAC/VDC	689 HOR	BEA
1	SURFACE CLOSER	4040XP	630 IVE	WHT
1	WALL STOP	WS406/407CCV	630 IVE	WHT
1	GASKETING	4885BK PSA	630 IVE	WHT
1	DOOR CONTACT	679-05	630 IVE	WHT
1	NOTE	CARD ACCESS BY SECURITY	630 IVE	WHT
1	NOTE	LOW VOLTAGE POWER BY SECURITY	630 IVE	WHT
1	NOTE	WIRING DIAGRAM BY SECURITY	630 IVE	WHT

OPERATION: DOOR NORMALLY CLOSED AND LOCKED. ENTRY VIA VALID CARD READ, ALWAYS FREE FOR EGRESS.

ROOM FINISH SCHEDULE - WELL BABY

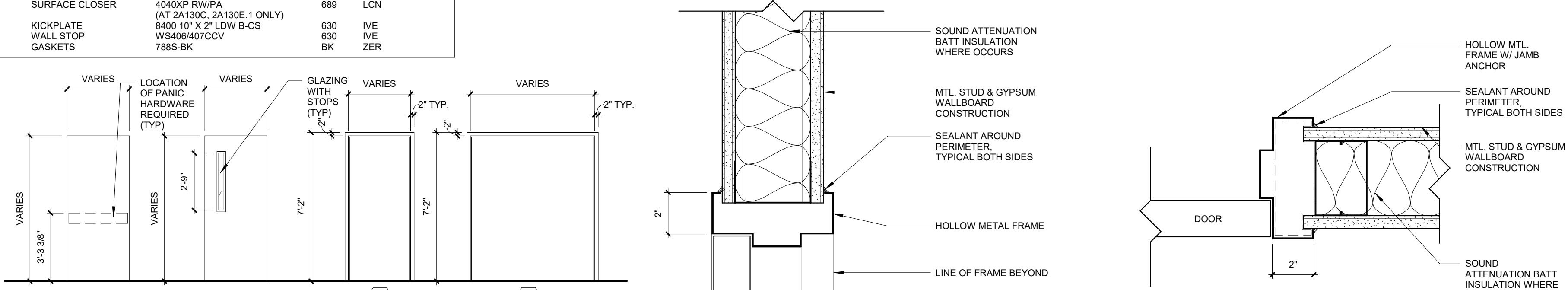
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALLS				CASEWORK				NOTES
				NORTH	EAST	SOUTH	WEST	BASE CABINETS	WALL CABINETS	COUNTERTOPS	SINKS	
2A098	WORK AREA	PTM	PTM	PT-1	PT-1A	PT-1	PT-1	-	-	-	-	ETR
2A098A	TOILET	ETR	MATCH	PT-1A	PT-1A	PT-1A	PT-1A	-	-	-	-	ETR
2A098B	SLEEP ROOM	LVT-1	RB-2	PT-1	PT-1A	PT-1	PT-1	-	-	-	-	ETR
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	LVT-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 / WP-2	PT-1 / WP-2	PT-1 / WP-2	-	-	-	-	ACT-1
2A130A	WORK	RSF-3.5	IB-5	PT-1.8 / WP-2	PT-1 / WP-2	PT-1 / WP-2	PT-1 / WP-2	-	-	-	-	ACT-1
2A130B	EXAM/CIRCS	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	IS-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	IS-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	IS-1	ACT-1
2A130E	SOIL	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	IS-1	ACT-1
2A131	WAITING	LVT-1	RB-1	PT-1 / CWT-1	PT-1.3	PT-1.3	PT-1.3	PLAM-1	PLAM-1	SSF-1	IS-1	ACT-1
2A131D	BREAK ROOM	LVT-1	RB-2	PT-1	PT-1.8	PT-1.8	PT-1.8	PLAM-1	PLAM-1	SSF-1	IS-1	ACT-1
2A134	ANTEPARTUM	RSF-3	RB-1	PT-1 / WP-2	PT-1 / WP-2	PT-1 / WP-2	PT-1 / WP-2	-	-	-	-	ACT-1
2F064	NICU ISO	RSF-3.5	IB-5	PT-1	PT-1 / WP-2	PT-1	PT-1 / WP-2	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 GRILLES SHALL BE PT-1 TO MATCH ADJACENT WALL SURFACE UNLESS OTHERWISE NOTED
- G ALL COLUMN SURROUND FINISHES TO MATCH ADJACENT WALL SURFACE UNLESS OTHERWISE NOTED
- H WHERE A WALL IS INDICATED TO HAVE PARTIAL OR FULL HT WALL PROTECTION, THE ENTIRE WALL IS TO BE PT-1 PRIOR TO WALL PROTECTION INSTALLATION
- I EXTEND ALL FINISHES BENEATH BEHIND, AROUND ALL CASEWORK, EQUIPMENT, SINKAGE, 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. 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 <45 FOR ALL FINISHES



DOOR AND FRAME ELEVATIONS:

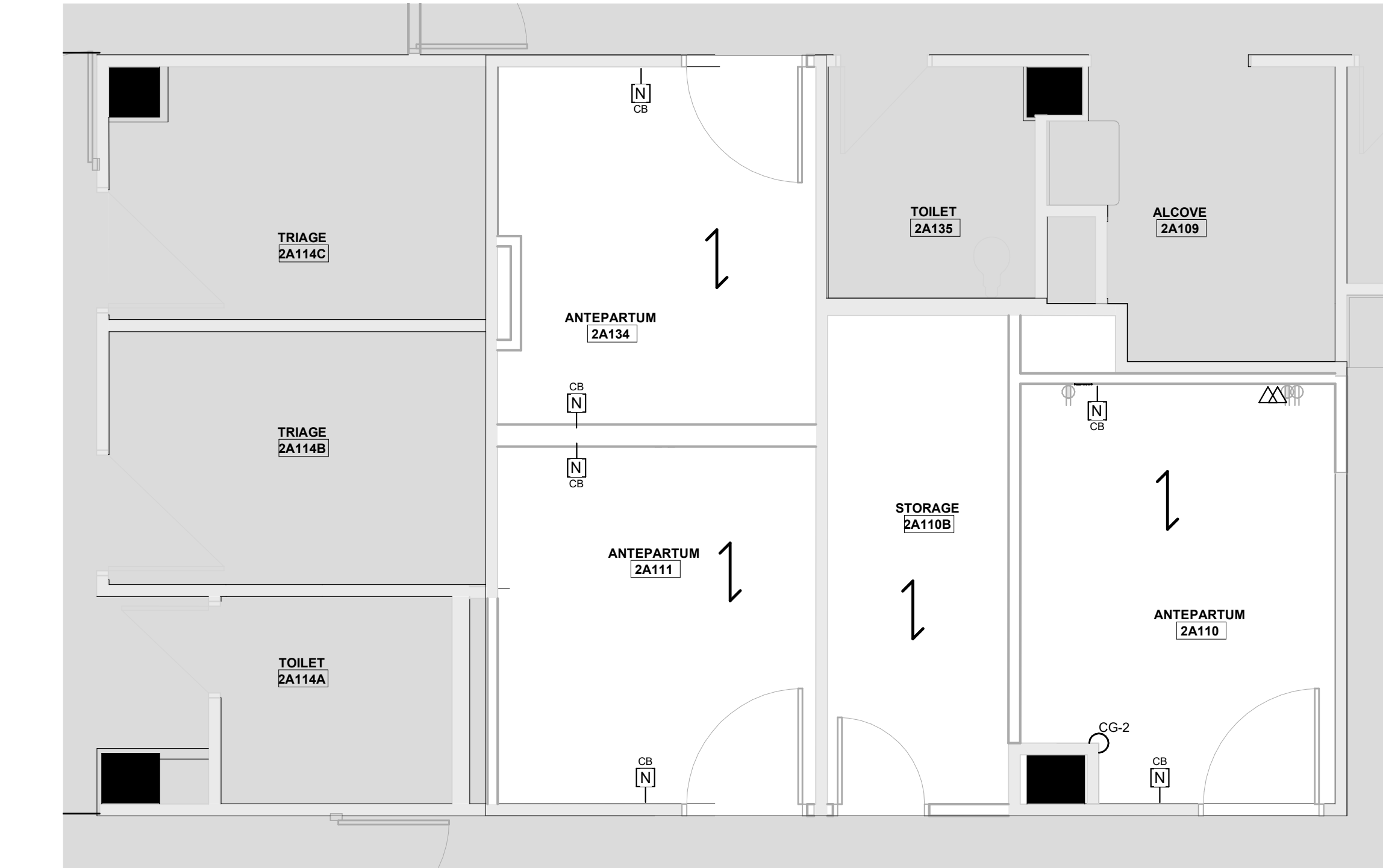
DOOR & FRAME MAT'L LEGEND	
HM	HOLLOW METAL
WD	SOLID CORE WOOD
ETR	EXISTING TO REMAIN
T	1/4" CLEAR TEMPERED GLAZING
NOTES:	
1. ALL EXISTING DOOR HARDWARE TO BE SALVAGED AND RE-INSTALLED.	
2. FIELD VERIFY ALL DOOR ELEVATION TYPE AND MATCH EXISTING. REPLACE ALL WOOD DOORS IN AREA OF WORK TO UPDATED STANDARDS	

B5 ENLARGED NICU ISO ROOM

1/4" = 1'-0"

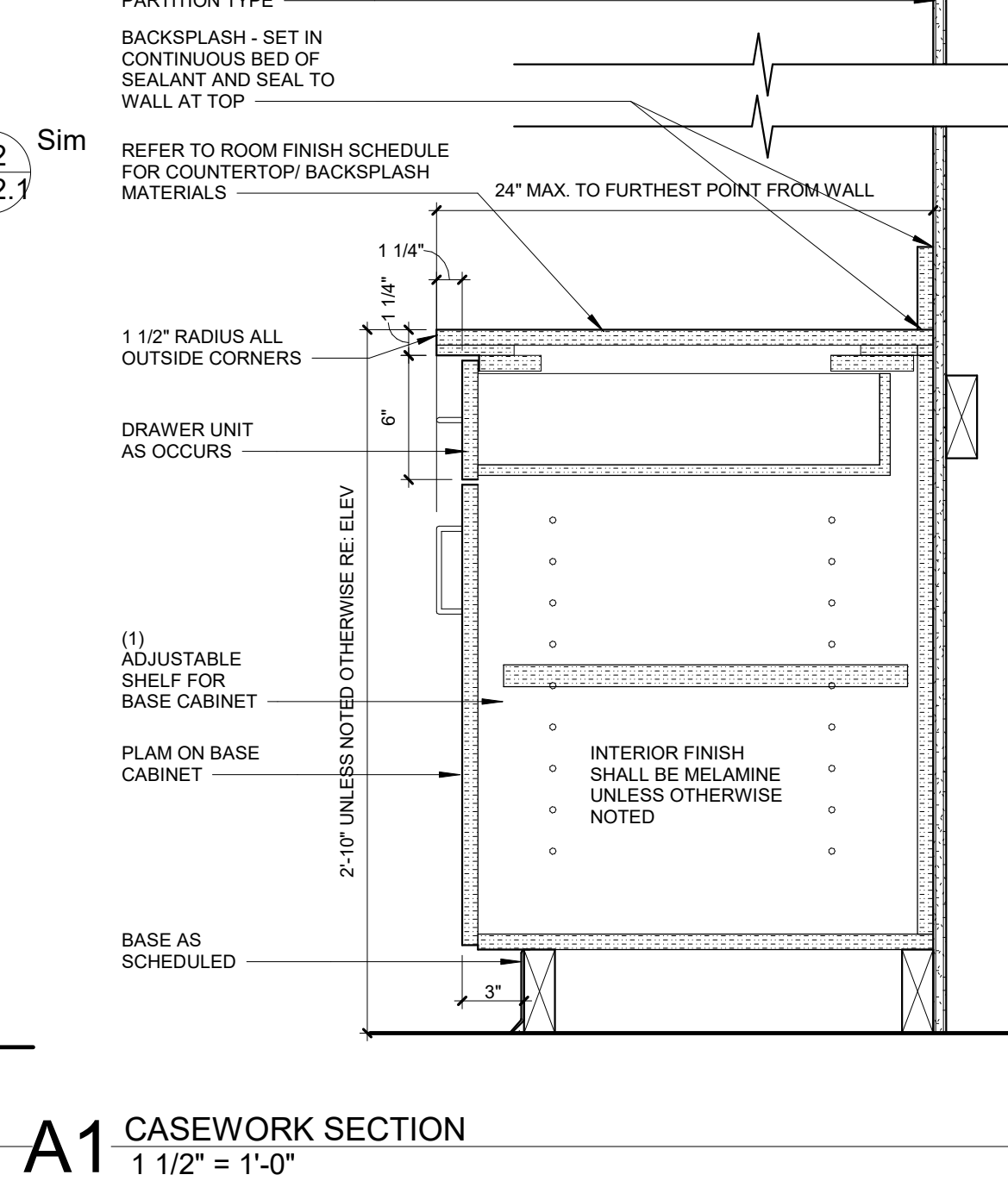
B2 ANTEPARTUM FINISH PLAN

1/4" = 1'-0"



A2 ANTEPARTUM FINISH PLAN

1/4" = 1'-0"



NAME

LEVEL NAME

10' - 0"

HEIGHT ABOVE PROJECT 0' - 0"

1

INDICATES NOTE USED TO DESCRIBE ADDITIONAL INFORMATION ABOUT WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL

INDICATES DIRECTION OF TRUE NORTH

PLAN OR DETAIL NUMBER

PLAN OR DETAIL NAME

1

VIEW NAME

1/8" = 1'-0"

PLAN OR DETAIL SCALE

INDICATES SIMILAR DETAIL REFERENCED IN MULTIPLE LOCATIONS

DETAIL REFERRED TO BY SECTION CUT

1

M101

SHEET DETAIL IS LOCATED ON

T101

1/2

3/4

LINE TYPE AND TAG KEY:

NEW WORK BY THIS CONTRACTOR (WIDE LINE)

----- EXISTING TO BE REMOVED (SHORT DASHED PATTERN)

----- NEW UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

EXISTING TO REMAIN OR WORK BY OTHERS (NARROW LINE)

----- 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.	AUDIO/VISUAL 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

MECHANICAL SYMBOL LIST	
NOT ALL SYMBOLS MAY APPLY.	
SYMBOL:	DESCRIPTION:
—BD—	BOILER BLOW DOWN
—BF—	BOILER FEED WATER
—CA—	COMPRESSED AIR
—CBR—	CHILLED BEAM RETURN
—CBS—	CHILLED BEAM SUPPLY
—CR—	CONDENSER WATER RETURN
—CS—	CONDENSER WATER SUPPLY
—CS15—	CLEAN STEAM - NUMBER INDICATES PRESSURE IN PSIG.
—CWR—	CHILLED WATER RETURN
—CWS—	CHILLED WATER SUPPLY
—DPP—	DRAIN
—G—	NATURAL GAS
—GV—	GAS REGULATOR VENT
—GWR—	GLYCOL WATER RETURN
—GWS—	GLYCOL WATER SUPPLY
—HCS—	HEATING/CHILLED WATER RETURN
—HCR—	HEATING/CHILLED WATER SUPPLY
—HG—	REFRIGERANT HOT GAS
—HPC—	HIGH PRESSURE CONDENSATE
—HPS—	HIGH PRESSURE STEAM
—HWR—	HEATING WATER RETURN
—HWS—	HEATING WATER SUPPLY
—LCS—	LOW PRESSURE CLEAN STEAM
—LQ—	REFRIGERANT LIQUID
—LPC—	LOW PRESSURE CONDENSATE
—LPS—	LOW PRESSURE STEAM
—LWR—	LOOP WATER RETURN
—LWS—	LOOP WATER SUPPLY
—LVS—	MEDICAL VACUUM
—OR—	OIL RETURN
—OS—	OIL SUPPLY
—PC—	PUMPED CONDENSATE
—PD—	PUMPED DISCHARGE
—RCR—	RADIANT COOLING RETURN
—RCS—	RADIANT COOLING SUPPLY
—RWR—	REHEAT WATER RETURN
—RWS—	REHEAT WATER SUPPLY
—SUC—	REFRIGERANT SUCTION
—SV—	SAFETY RELIEF VENT
—VAC—	LAB VACUUM
—	PIPE CAP
—	PIPE DOWN
—	PIPE UP OR UP/DOWN
—	PITCH PIPE IN DIRECTION
—	DIRECTION OF FLOW IN PIPE
—	DIELECTRIC 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

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 CAP
—	DUCT DOWN
—	DUCT UP
—	SUPPLY/OUTSIDE AIR DUCT SECTION
—	RETURN 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)
—	THERMOSTAT/SENSOR
—	TEMPERATURE SENSOR
—	THERMOSTAT/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
CFSD	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 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, RISES AND DROPS MAY BE NECESSARY BECAUSE OF EXISTING FIELD CONDITIONS.
- 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.
- 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 CEILINGS, 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 CHANGE/VER 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.

TAB PRE-DEMOLITION NOTES:

- 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 PHASES ARE COMPLETE.
- 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 READINGS THAT MATCH THOSE USED IN THE FINAL PRE-DEMOLITION REPORT. DRAWINGS THAT ARE HAND-MARKED WITH RED INK ARE ACCEPTABLE, PROVIDED THEY ARE LEGIBLE.
- 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.
- TAKE A DUCT STATIC PRESSURE READING AT EACH LOCATION WHERE A DUCT TRAVERSE READING IS TAKEN AND INCLUDE IN THE FINAL PRE-DEMOLITION TAB REPORT.
- 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.
- 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.
- BALANCING CONTRACTOR SHALL PRE-BALANCE ALL EXISTING SYSTEMS TO REMAIN PER SPECIFICATION SECTION 23.05.93. BALANCE READINGS WILL BE REQUIRED AT AIR OUTLETS AND DUCT TRAVERSES TO VERIFY EXISTING AIRFLOW TO UNAFFECTED SPACES.

TAB POST-CONSTRUCTION NOTES:

- 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.
- 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).
- 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.
- 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.
- TAB CONTRACTOR SHALL COMPLETE AND SUBMIT COPIES OF THE FINAL POST-CONSTRUCTION TAB REPORT AS REQUIRED BY SECTION 23.05.93.
- THE FINAL POST CONSTRUCTION REPORT SHALL INCLUDE ALL ITEMS REQUIRED IN THE SPECIFICATIONS.

PIPING GENERAL NOTES:

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

VENTILATION GENERAL NOTES:

- 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 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.
- UNLESS NOTED OTHERWISE, THE SIZE OF EACH BRANCH DUCT TO AN AIR TERMINAL SHALL MATCH THE INLET SIZE.
- ALIGN TEMPERATURE SENSORS WITH LIGHT SWITCHES AND WHEN IN CLOSE PROXIMITY TO EACH OTHER.
- PROVIDE ACCESS DOORS AT ALL DUCT MOUNTED EQUIPMENT.
- 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.
- CONTRACTOR MAY REFUSE 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.

- 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 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.
- REVIEW SPACE REQUIREMENTS FOR 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.

STATE OF MISSOURI

BRUCE ELDON

HARD NUMBER

10/10/2021

PROFESSIONAL ENGINEER

4-15-21

Brace E. Hart - Engineer

License - Missouri E-22817

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Missouri: #000958

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Saint Luke's East Hospital

MOTHER BABY FINISH UPGRADES

100 NE St Lukes Blvd

Lee's Summit, MO 64086

Date04/15/2021

Job Number3-21004

Drawn ByMJL

Checked ByBEH

Revision

NumberDateDescription

410/01/21ASI #4

IMEG

PROJECT # 2100748.00

Missouri State Certificate of Authority E-201708530

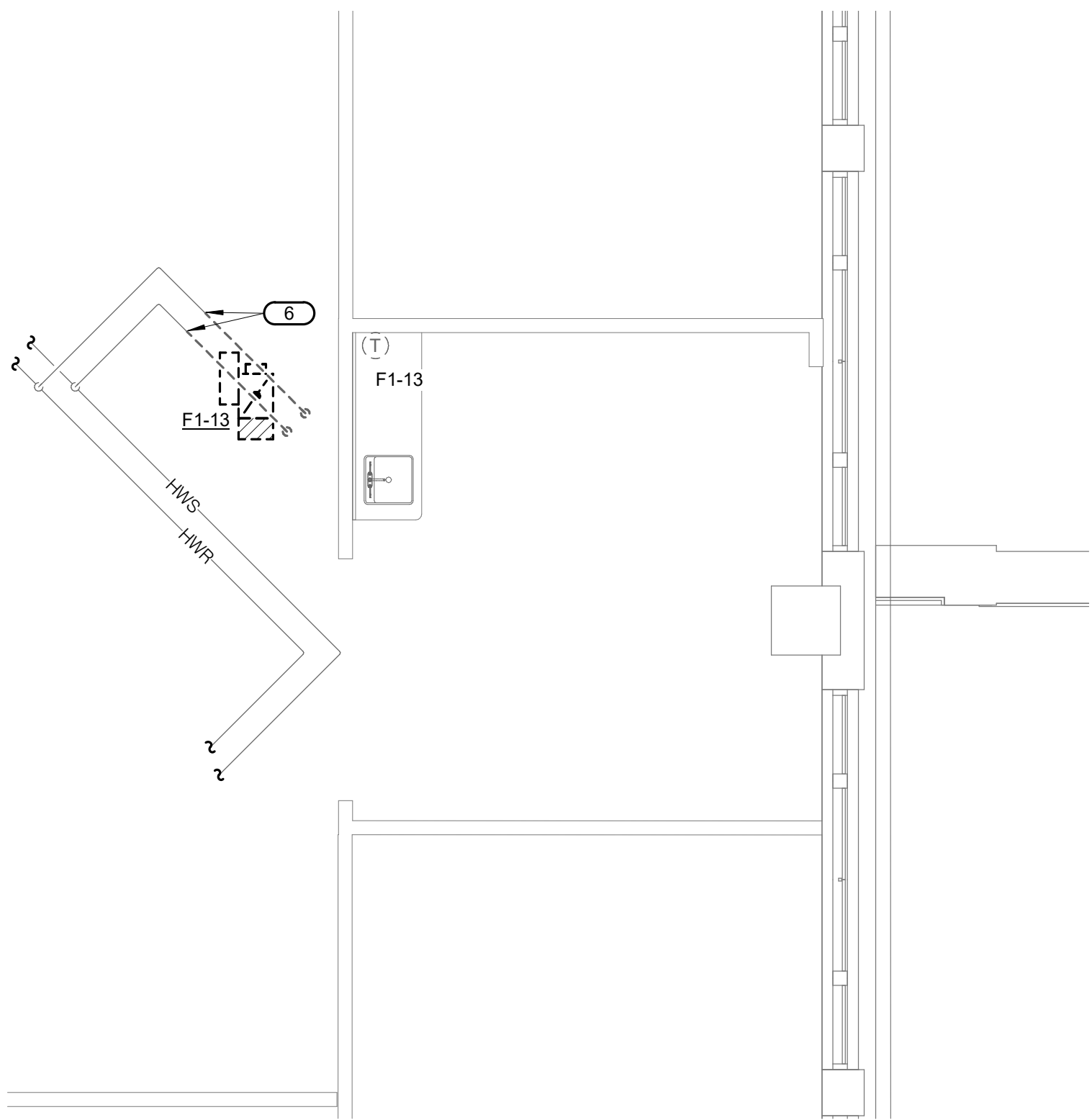
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REFERENCE SCALE IN INCHES

0123

M000.1

MECHANICAL COVERSHEET



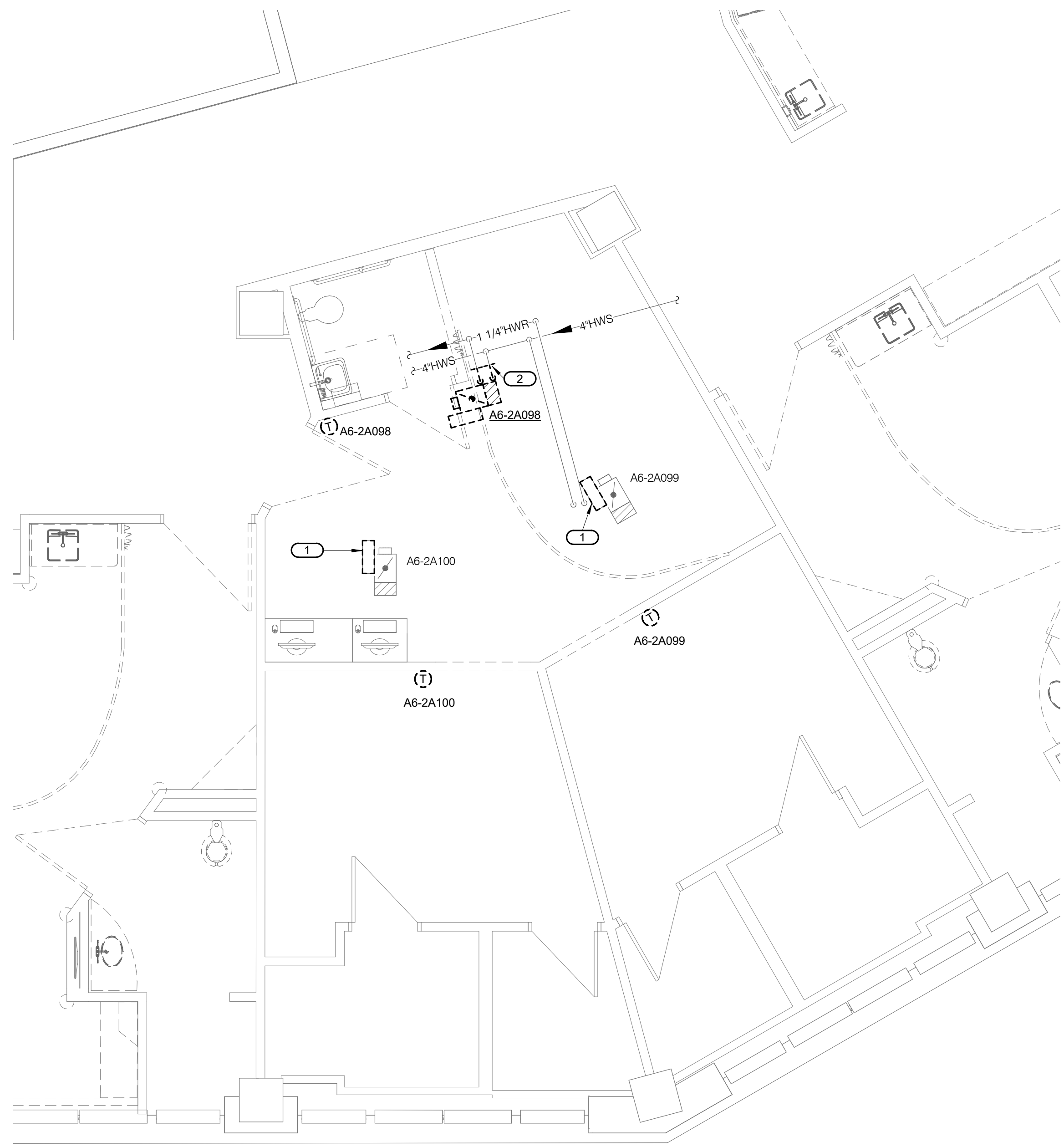
1 SECOND FLOOR DEMOLITION - PIPING AND CONTROLS - ISO
1/4" = 1'-0"

SHEET NOTES:

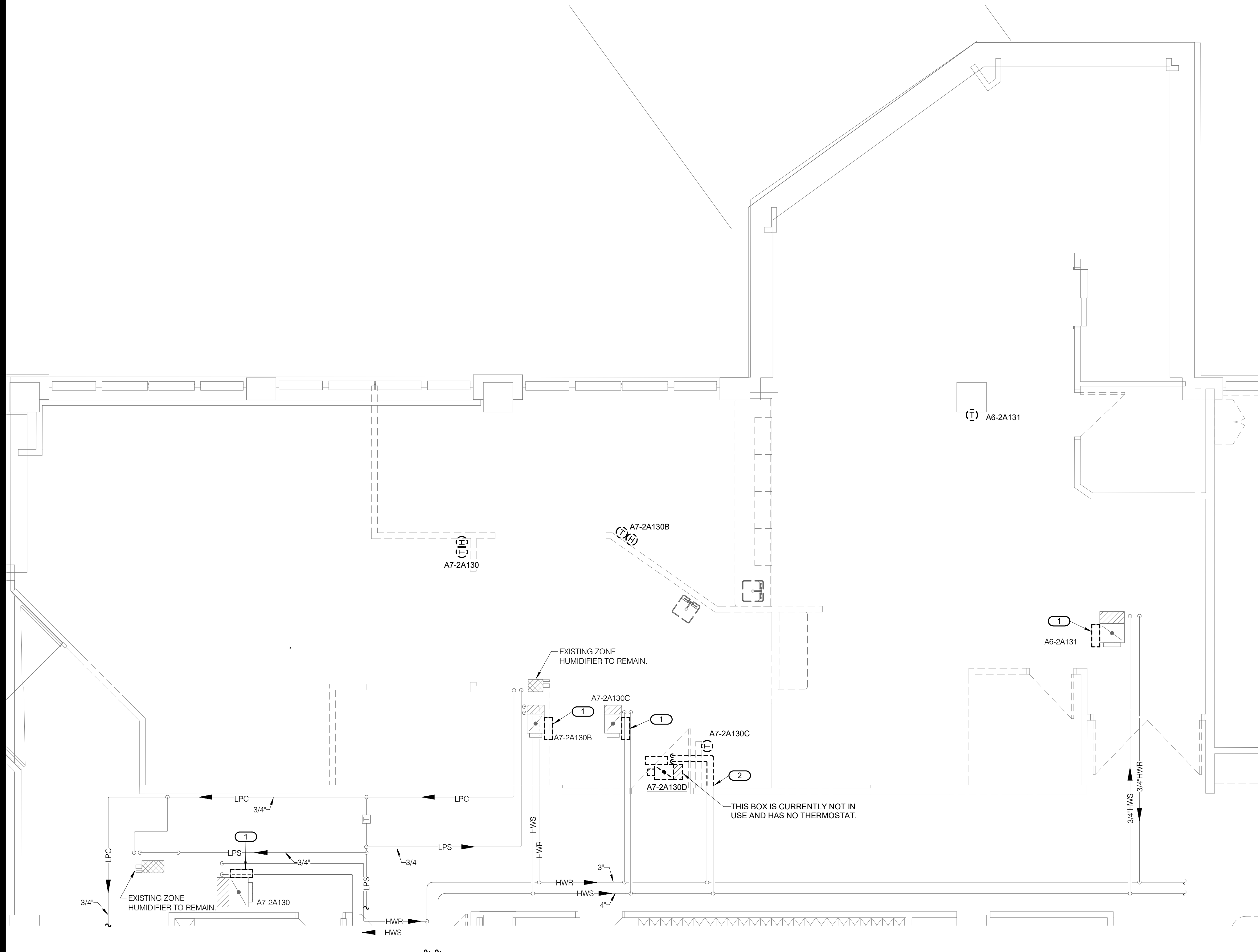
1. REFER TO GENERAL NOTES ON SHEET M000.
2. TERMINAL AIR BOX TAGS SHOWN ON THESE DRAWINGS ARE BASED ON ROOM NUMBERS SERVED IN THE NEW WORK AND MAY NOT MATCH THE BOX TAGS IN THE FACILITY MANAGEMENT AND CONTROL SYSTEM (FMCS).
3. PRIOR TO DEMOLISHING ANY FMCS TAB CONTROLLERS, CONTRACTOR SHALL RECORD THE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

KEYNOTES: B

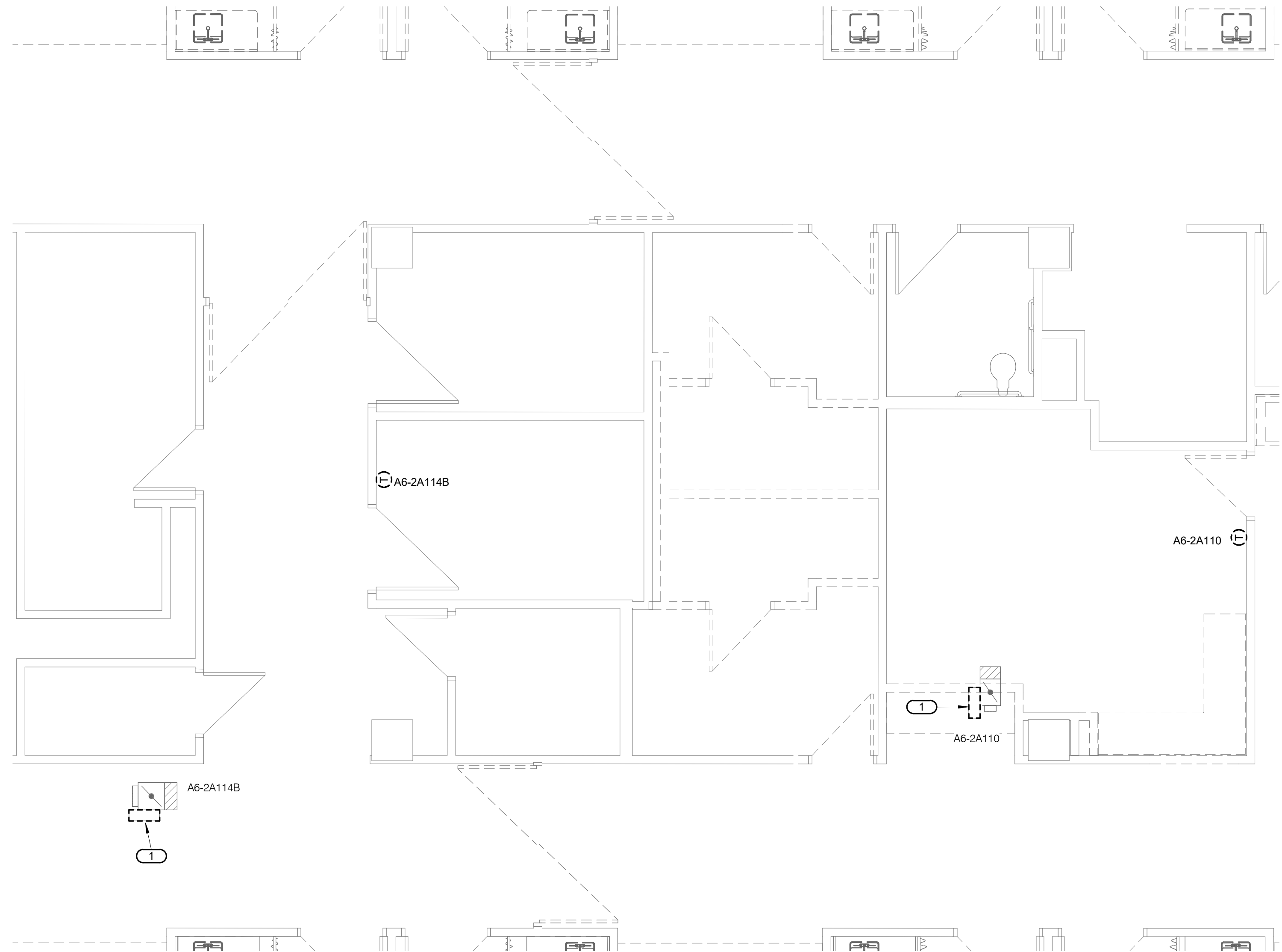
1. DISCONNECT AND REMOVE DDC TERMINAL AIR BOX CONTROLLER INCLUDING ASSOCIATED 2-WAY HEATING HOT WATER CONTROL VALVE AND MANUAL BALANCING VALVE (NOT SHOWN), AND ANY ASSOCIATED AUXILIARY SENSORS, CONTROL DEVICES, AND/OR CONTROL WIRING THAT CANNOT BE RE-USED. PROTECT TERMINAL AIR BOX AND REMAINING PIPING FOR NEW CONNECTIONS.
2. 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.
3. NOT USED.
4. NOT USED.
5. NOT USED.
6. 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.



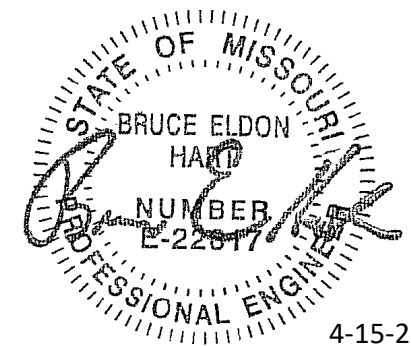
2 SECOND FLOOR DEMOLITION - PIPING AND CONTROLS - SLEEP ROOM
1/4" = 1'-0"



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"



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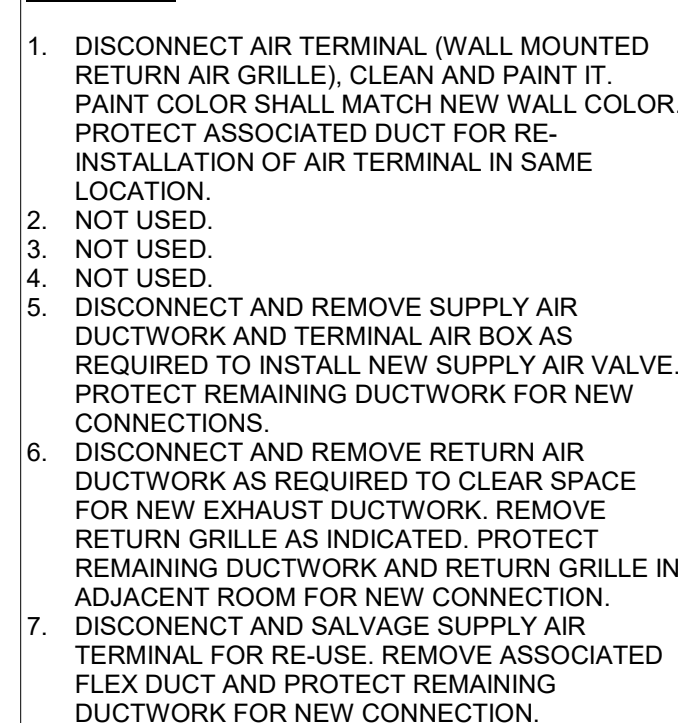
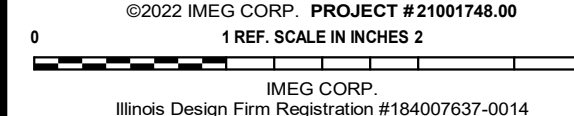
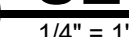
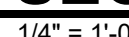
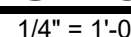
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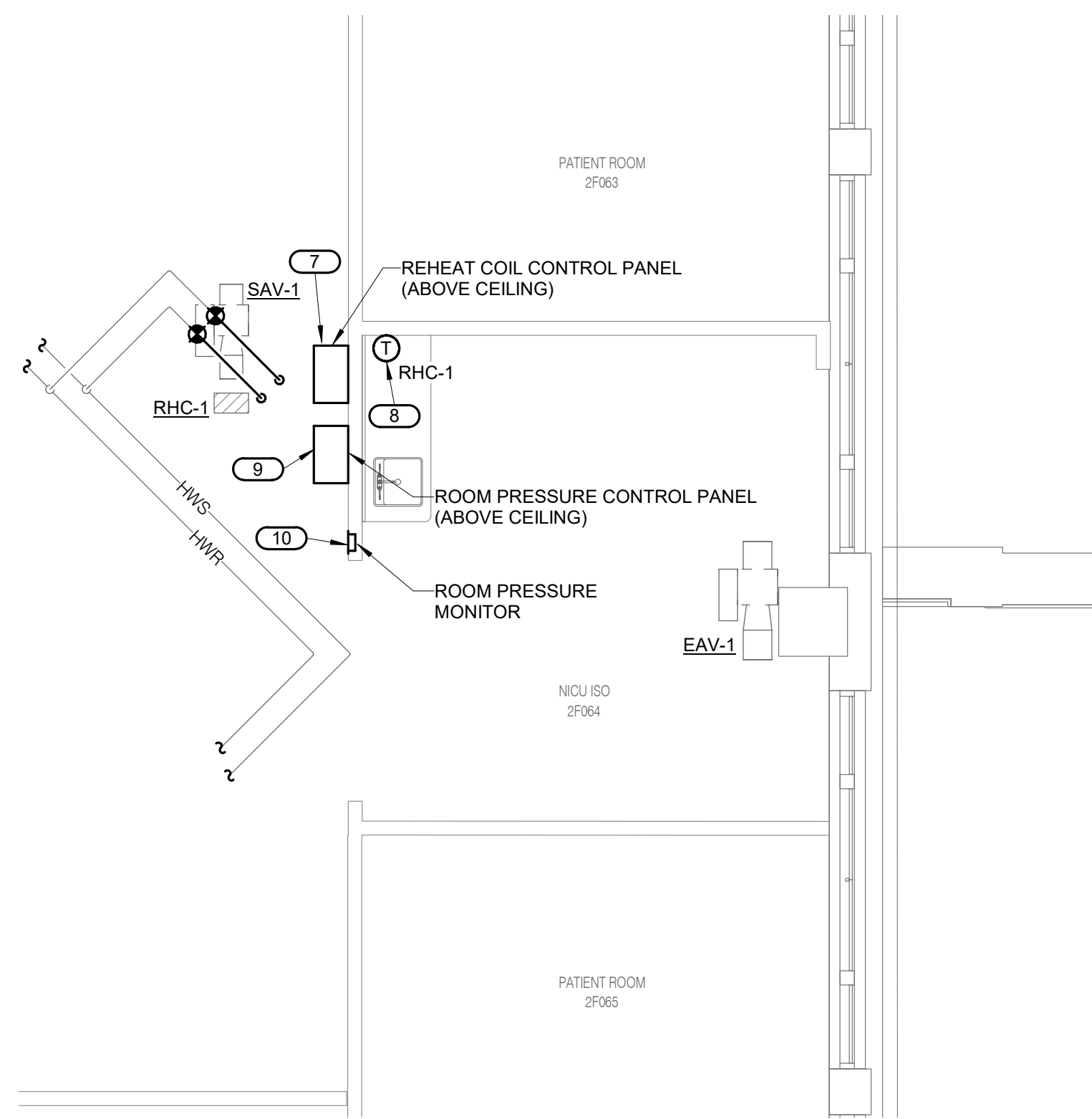
Date 04/15/2021
Job Number 3-21004
Drawn By Author
Checked By Checker

Revision		
Number	Date	Description
10	05/13/22	ASI #10

M102.1

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SECOND FLOOR DEMOLITION -
PIPING & CONTROLS - WELL BABY &
ISO


$$1/4" = 1'-0"$$




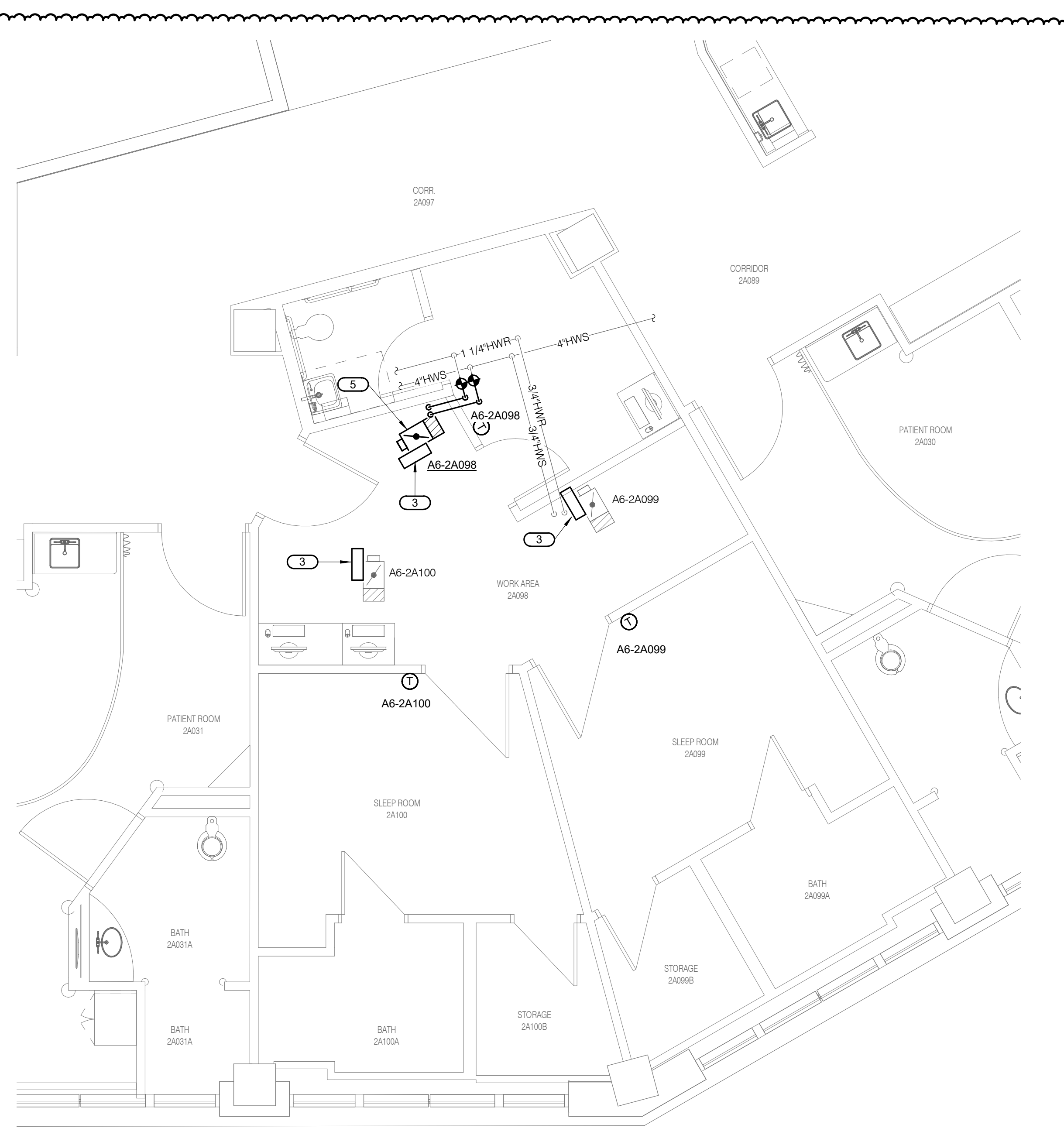
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1/4" = 1'-0"

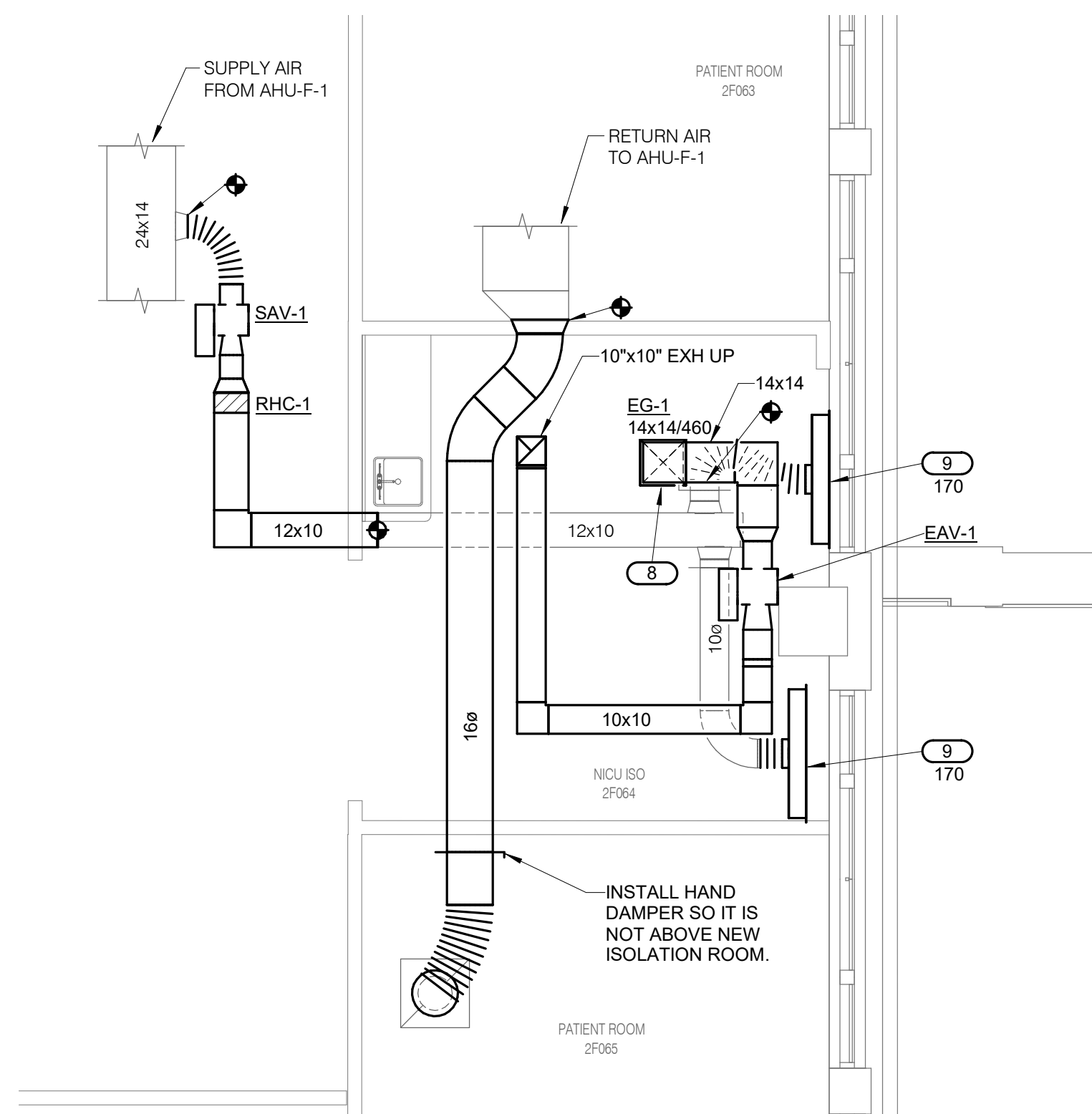
SHEET NOTES:

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.
3. PROVIDE AND INSTALL NEW DDC UNITARY CONTROLLER AND NEW HOT WATER PRESSURE INDEPENDENT CONTROL (PIC) VALVE (NOT SHOWN) ON EXISTING TERMINAL AIR BOX. SIZE THE NEW PIC VALVE FOR DESIGN FLOW RATE (GPM) INDICATED. REFER TO CONTROL DIAGRAM ON SHEET M010.1.
4. PROVIDE AND INSTALL NEW DDC UNITARY CONTROLLER, NEW HOT WATER PIC VALVE AND NEW HUMIDIFIER CONTROL VALVE ON EXISTING TERMINAL AIR BOX AND HUMIDIFIER. SIZE THE NEW PIC VALVE FOR DESIGN FLOW RATE (GPM) INDICATED. SIZE THE NEW STEAM CONTROL VALVE FOR LOAD (LBS/HOUR) INDICATED. REFER TO CONTROL DIAGRAM ON SHEET M010.1.
5. NEW LOCATION FOR TERMINAL AIR BOX THAT WAS DISCONNECTED DURING DEMOLITION.
6. PROVIDE AND INSTALL NEW ENCLOSURE IN ACCESSIBLE LOCATION ABOVE CEILING OUTSIDE OF ISOLATION ROOM) AND NEW DDC UNITARY CONTROLLER FOR NEW HOT WATER REHEAT COIL. COORDINATE EXACT LOCATION WITH EXISTING CONDITIONS.
7. INSTALL NEW THERMOSTAT IN SAME LOCATION WHERE OLD THERMOSTAT WAS REMOVED. PROVIDE NEW CONTROL WIRING AS REQUIRED.
8. PROVIDE AND INSTALL NEW ENCLOSURE (IN ACCESSIBLE LOCATION ABOVE CEILING OUTSIDE OF ISOLATION ROOM) AND ROOM PRESSURE CONTROLLER, ALONG WITH A 120V/24V TRANSFORMER TO POWER THE CONTROLLER, AIR VALVES AND ROOM PRESSURE MONITOR. COORDINATE EXACT LOCATION WITH EXISTING CONDITIONS.
9. ROOM PRESSURE MONITOR (RPM) FOR NEW ISOLATION ROOM. COORDINATE EXACT LOCATION WITH OWNER AND ARCHITECT. RPM SHALL HAVE A TOUCHSCREEN INTERFACE (MIN. 5" SIZE) AND SHALL MEASURE THE PRESSURE OF THE ISOLATION ROOM RELATIVE TO THE CORRIDOR/NURSE STATION AREA. COORDINATE EXACT LOCATIONS OF PRESSURE SENSOR ALL PLATES (NOT SHOWN) WITH ARCHITECT AND INSTALL ASSOCIATED SENSOR TUBING AND CONTROL WIRING AS REQUIRED.

KEYNOTES:

1. NOT USED.
2. NOT USED.
3. PROVIDE AND INSTALL NEW DDC UNITARY CONTROLLER AND NEW HOT WATER PRESSURE INDEPENDENT CONTROL (PIC) VALVE (NOT SHOWN) ON EXISTING TERMINAL AIR BOX. SIZE THE NEW PIC VALVE FOR DESIGN FLOW RATE (GPM) INDICATED. REFER TO CONTROL DIAGRAM ON SHEET M010.1.
4. PROVIDE AND INSTALL NEW DDC UNITARY CONTROLLER, NEW HOT WATER PIC VALVE AND NEW HUMIDIFIER CONTROL VALVE ON EXISTING TERMINAL AIR BOX AND HUMIDIFIER. SIZE THE NEW PIC VALVE FOR DESIGN FLOW RATE (GPM) INDICATED. SIZE THE NEW STEAM CONTROL VALVE FOR LOAD (LBS/HOUR) INDICATED. REFER TO CONTROL DIAGRAM ON SHEET M010.1.
5. NEW LOCATION FOR TERMINAL AIR BOX THAT WAS DISCONNECTED DURING DEMOLITION.
6. PROVIDE AND INSTALL NEW ENCLOSURE IN ACCESSIBLE LOCATION ABOVE CEILING OUTSIDE OF ISOLATION ROOM) AND NEW DDC UNITARY CONTROLLER FOR NEW HOT WATER REHEAT COIL. COORDINATE EXACT LOCATION WITH EXISTING CONDITIONS.
7. INSTALL NEW THERMOSTAT IN SAME LOCATION WHERE OLD THERMOSTAT WAS REMOVED. PROVIDE NEW CONTROL WIRING AS REQUIRED.
8. PROVIDE AND INSTALL NEW ENCLOSURE (IN ACCESSIBLE LOCATION ABOVE CEILING OUTSIDE OF ISOLATION ROOM) AND ROOM PRESSURE CONTROLLER, ALONG WITH A 120V/24V TRANSFORMER TO POWER THE CONTROLLER, AIR VALVES AND ROOM PRESSURE MONITOR. COORDINATE EXACT LOCATION WITH EXISTING CONDITIONS.
9. ROOM PRESSURE MONITOR (RPM) FOR NEW ISOLATION ROOM. COORDINATE EXACT LOCATION WITH OWNER AND ARCHITECT. RPM SHALL HAVE A TOUCHSCREEN INTERFACE (MIN. 5" SIZE) AND SHALL MEASURE THE PRESSURE OF THE ISOLATION ROOM RELATIVE TO THE CORRIDOR/NURSE STATION AREA. COORDINATE EXACT LOCATIONS OF PRESSURE SENSOR ALL PLATES (NOT SHOWN) WITH ARCHITECT AND INSTALL ASSOCIATED SENSOR TUBING AND CONTROL WIRING AS REQUIRED.

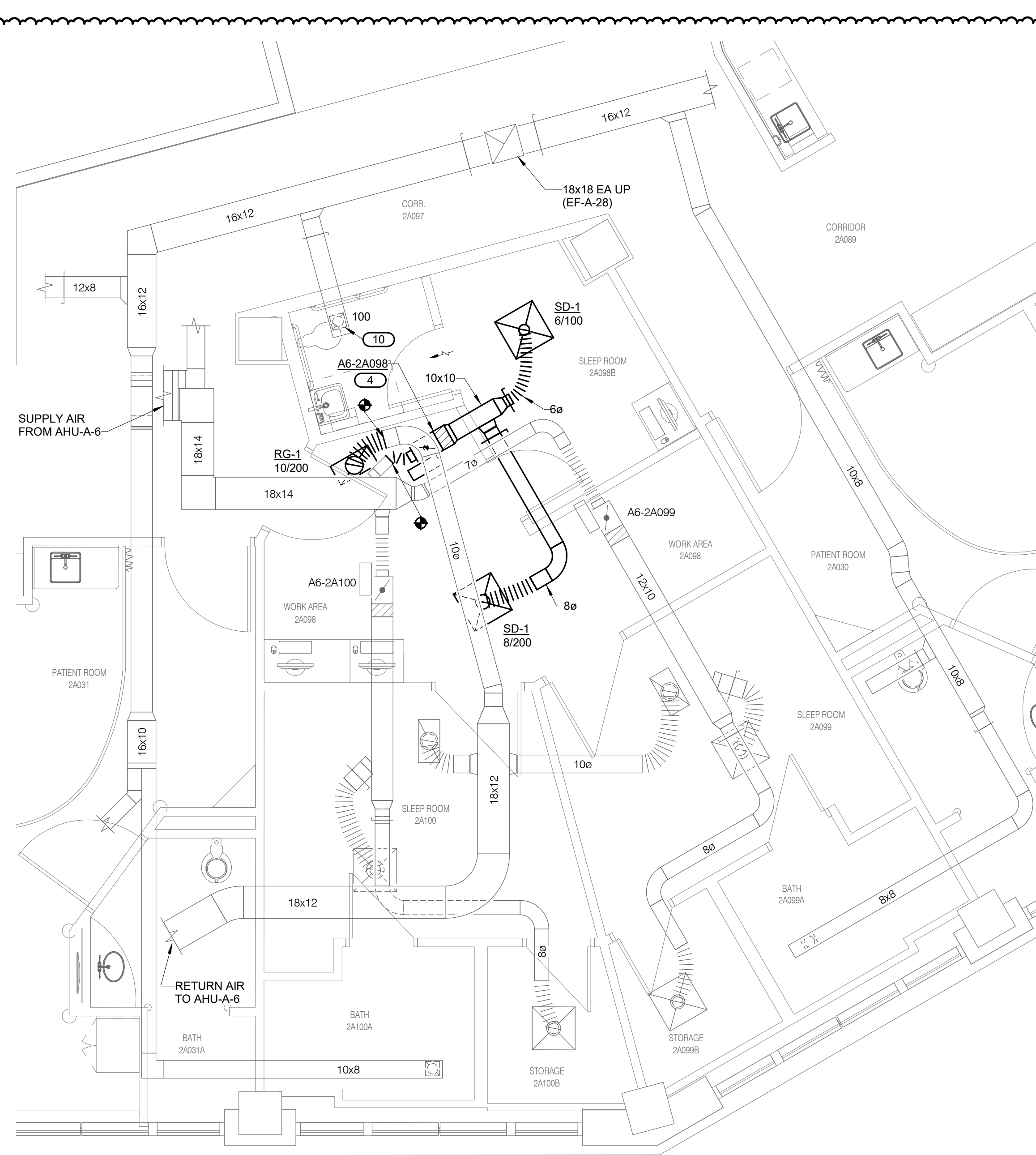
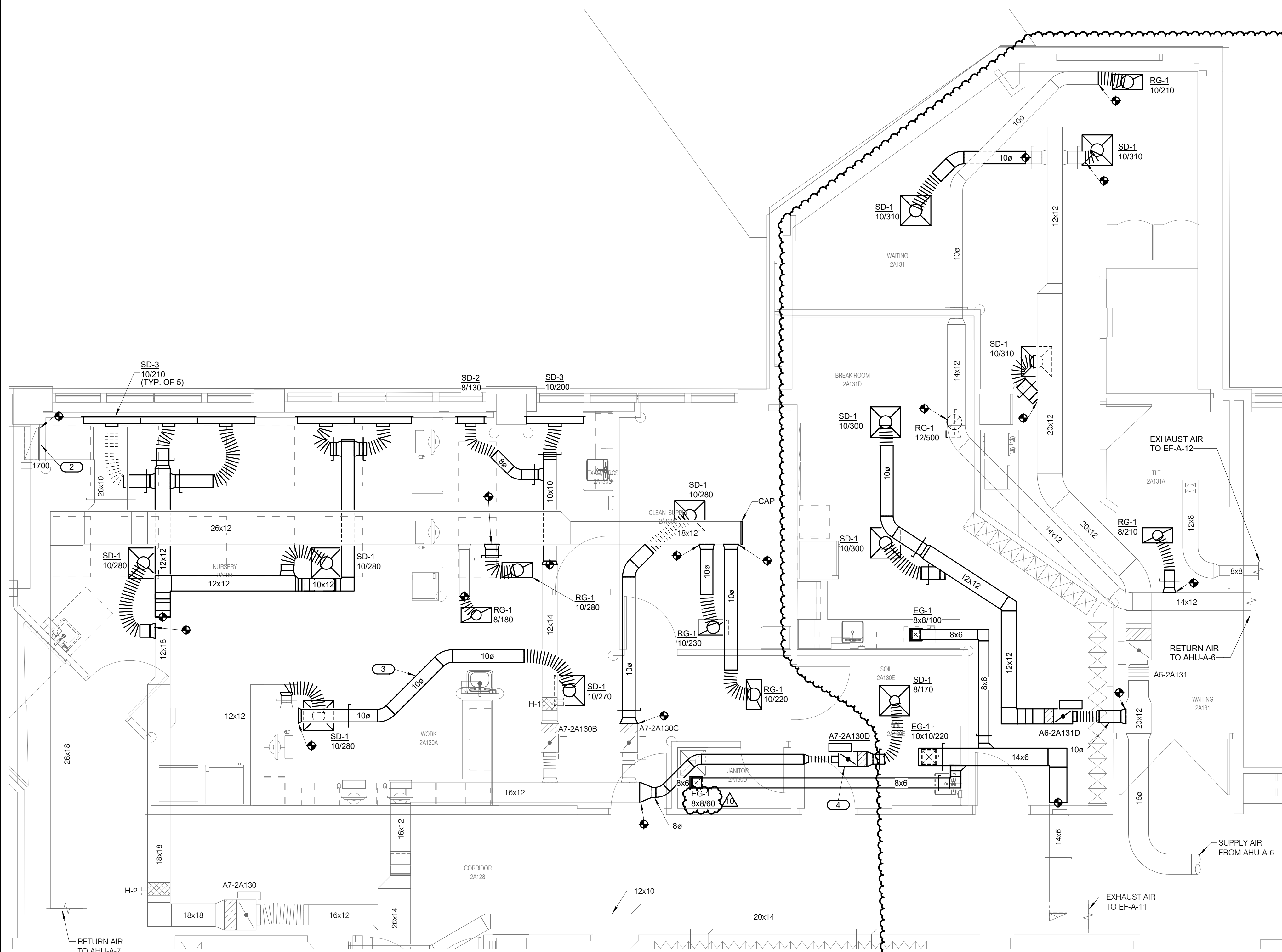
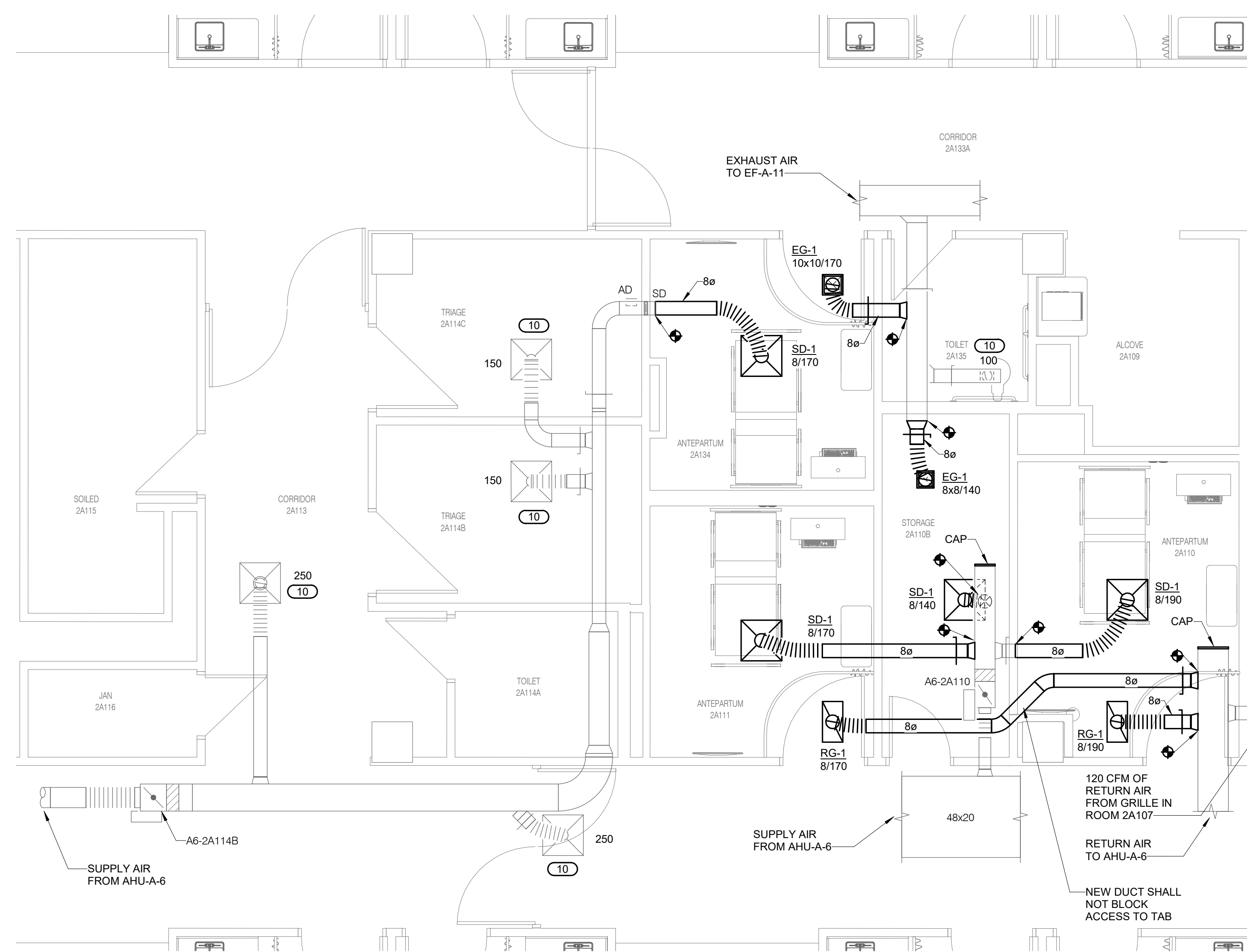
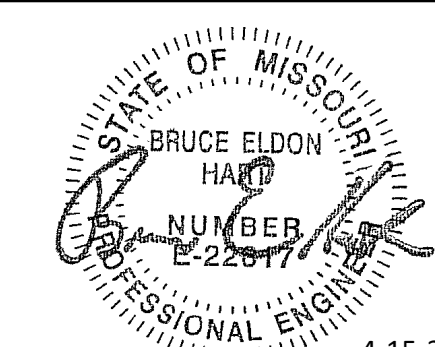


**1 SECOND FLOOR - VENTILATION - ISO**
1/4" = 1'-0"**SHEET NOTES:**

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.
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 REPAIR WORK.
5. NOT USED.
6. NOT USED.
7. NOT USED.
8. INSTALL NEW EXHAUST ORILE 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.

**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"

4-15-21

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

M212.1

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SECOND FLOOR - VENTILATION -
WELL BABY & ISO AREAS

E

D

C

B

A

6

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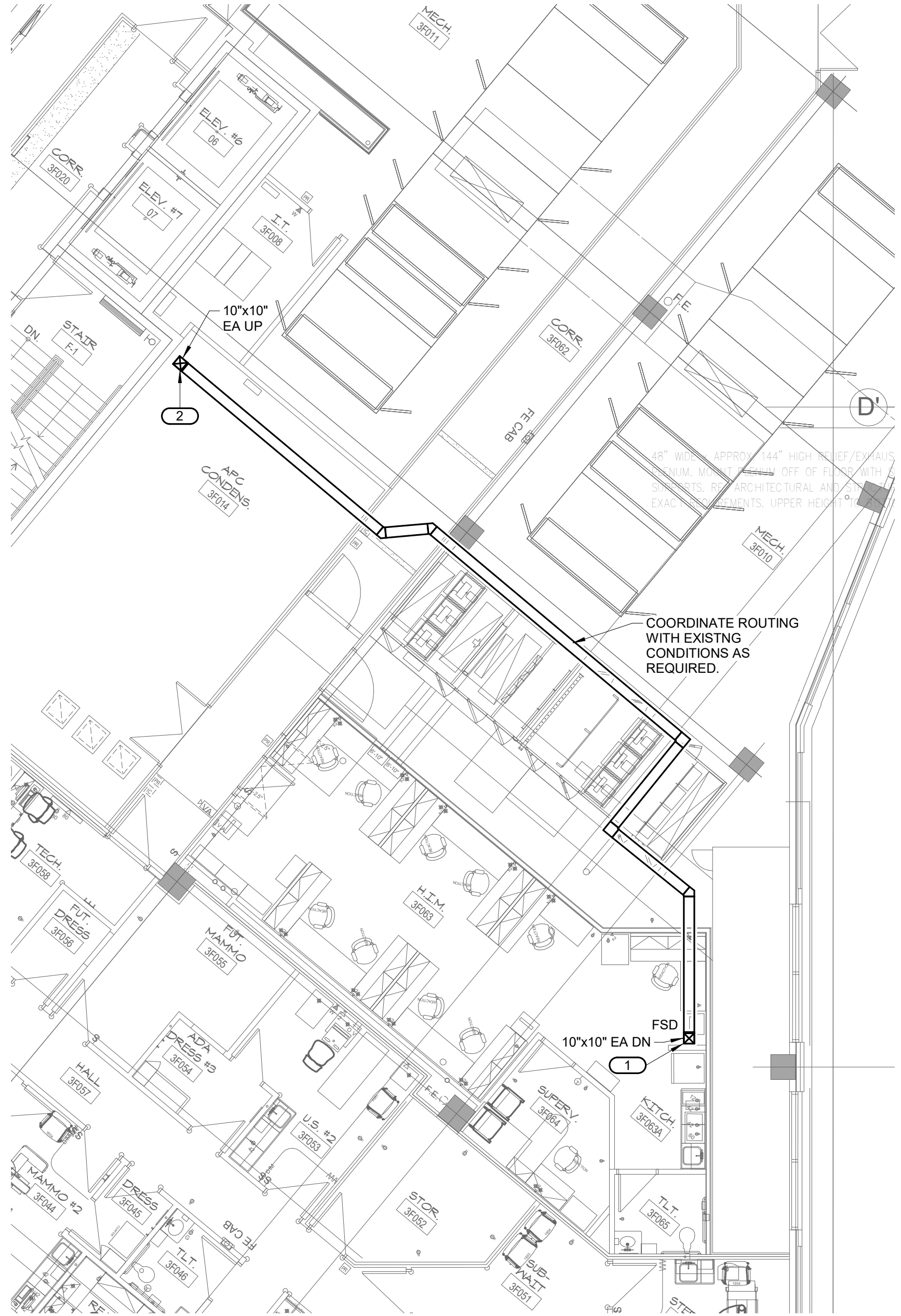
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SHEET NOTES:

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

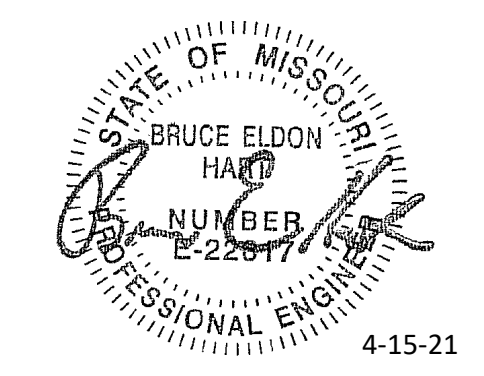


1 THIRD FLOOR - VENTILATION - ISO

1/8" = 1'-0"



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Date 04/15/2021
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Number	Date	Description
4	10/01/21	ASI #4



THIRD FLOOR - VENTILATION - ISO AREA

10/1/2021 5:14:16 PM

E

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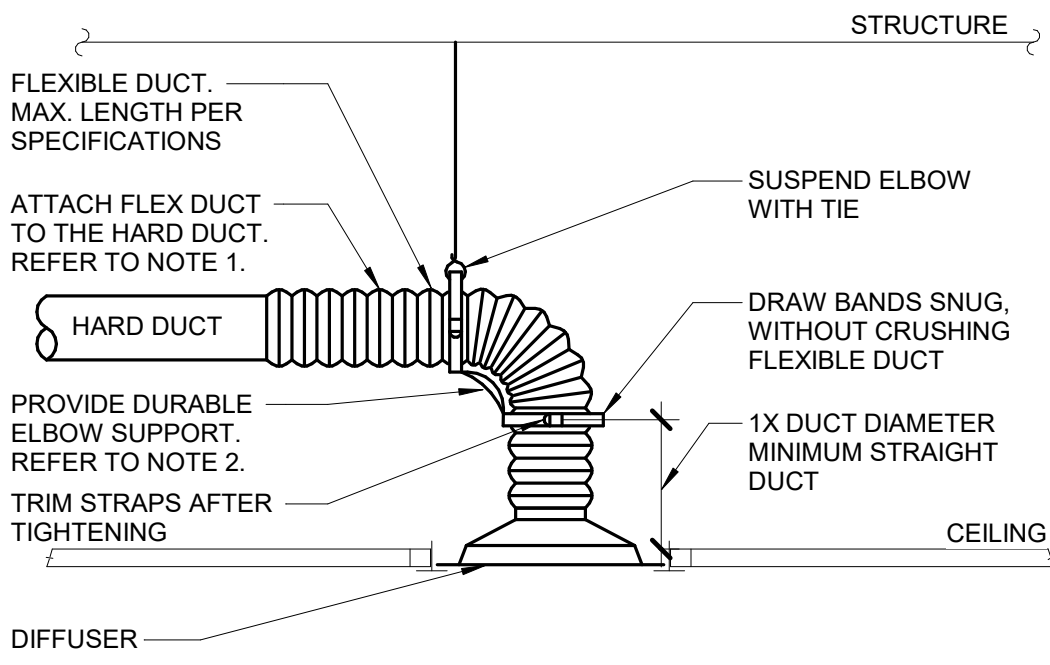
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B

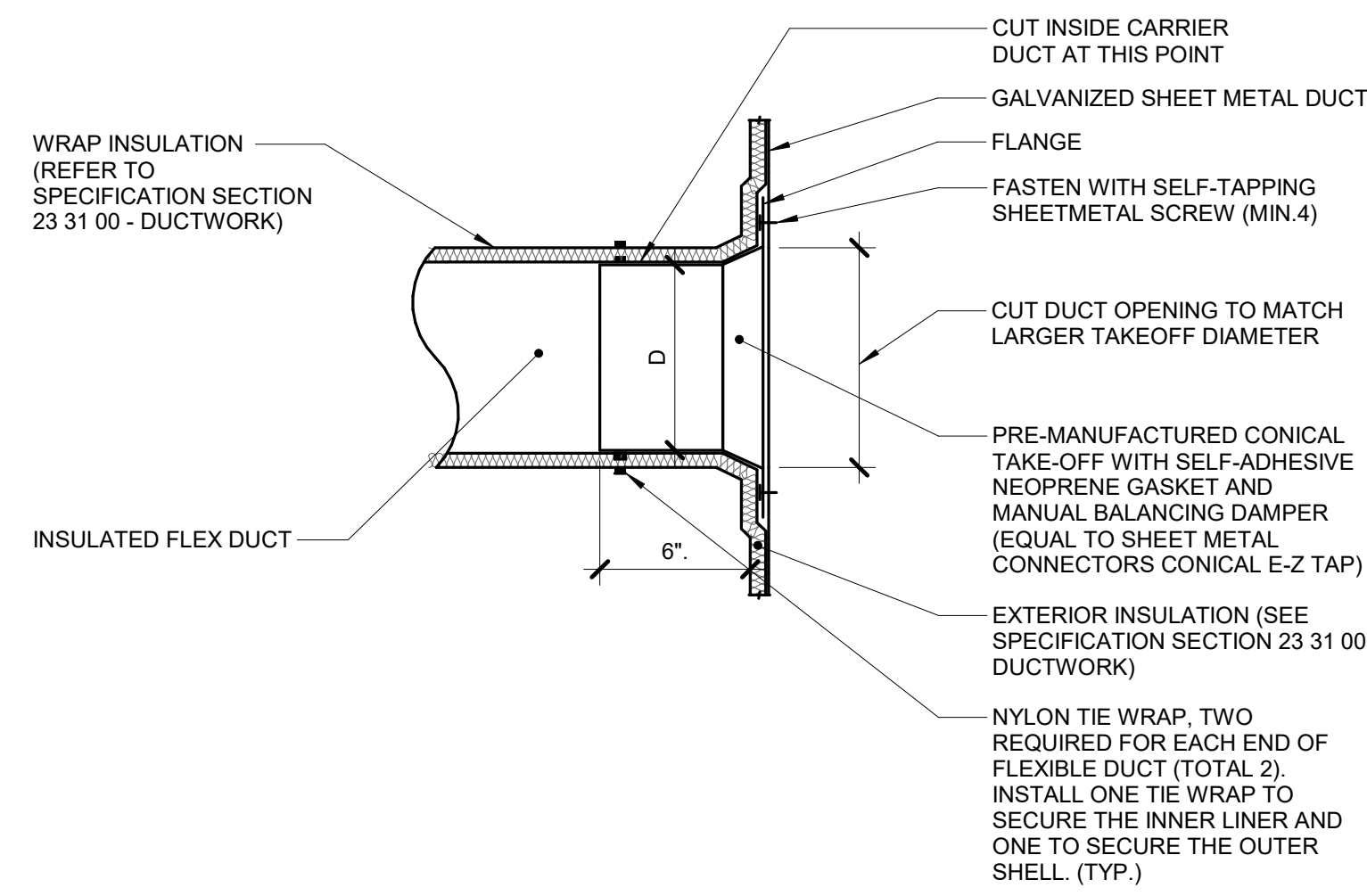
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- NOTES:
1. TO ATTACH FLEX DUCT TO THE HARD DUCT, TAPE THE INNER LINER TO THE HARD DUCT THEN ATTACH WITH TWO NYLON TIE WRAPS, ONE FOR THE INNER LINER AND ONE FOR THE OUTER SHELL. FOLD THE OUTER SHELL INSIDE ITSELF SO IT HAS NEAT EDGES PRIOR TO TIE 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)

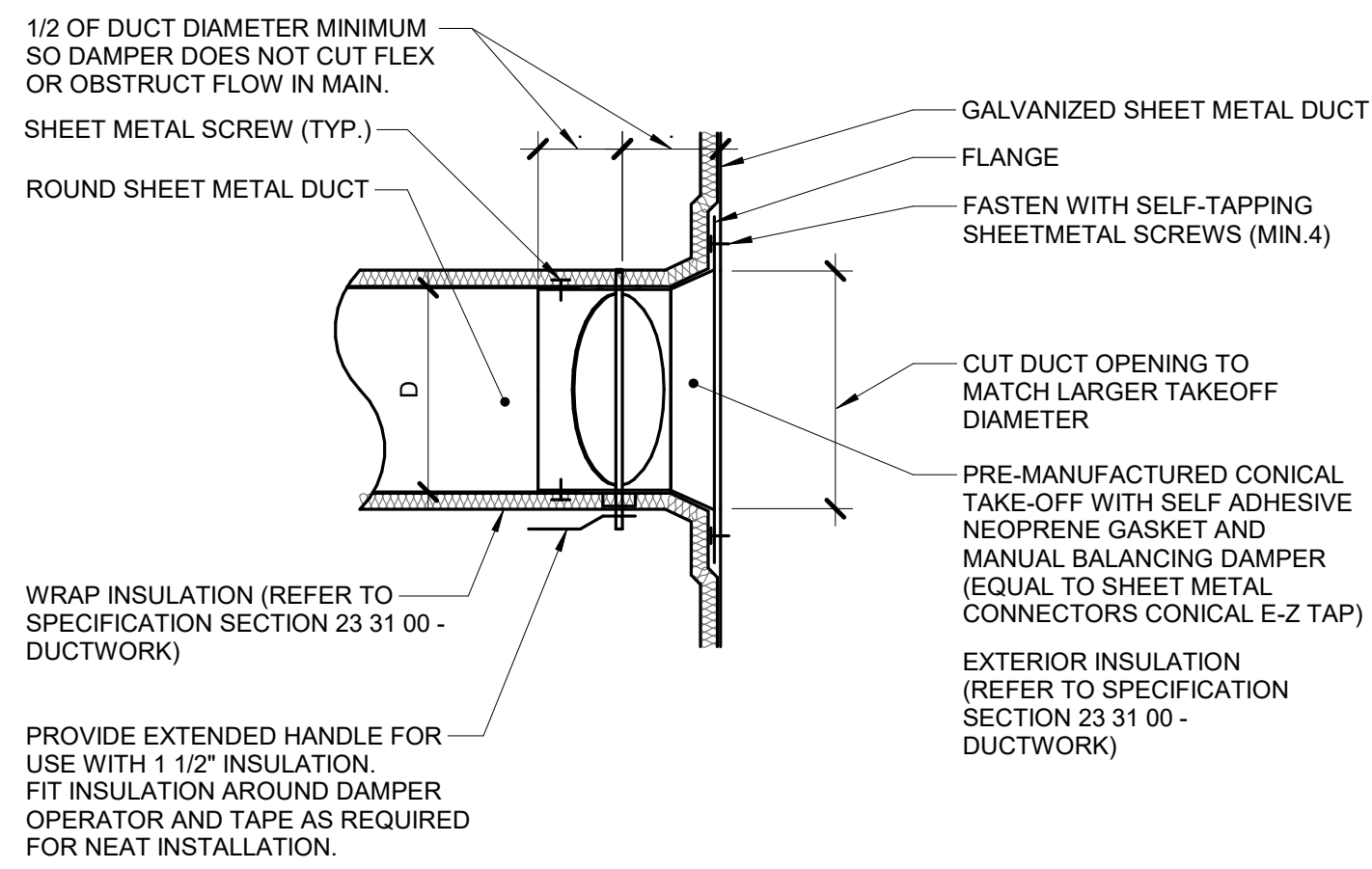
NO SCALE



- 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)

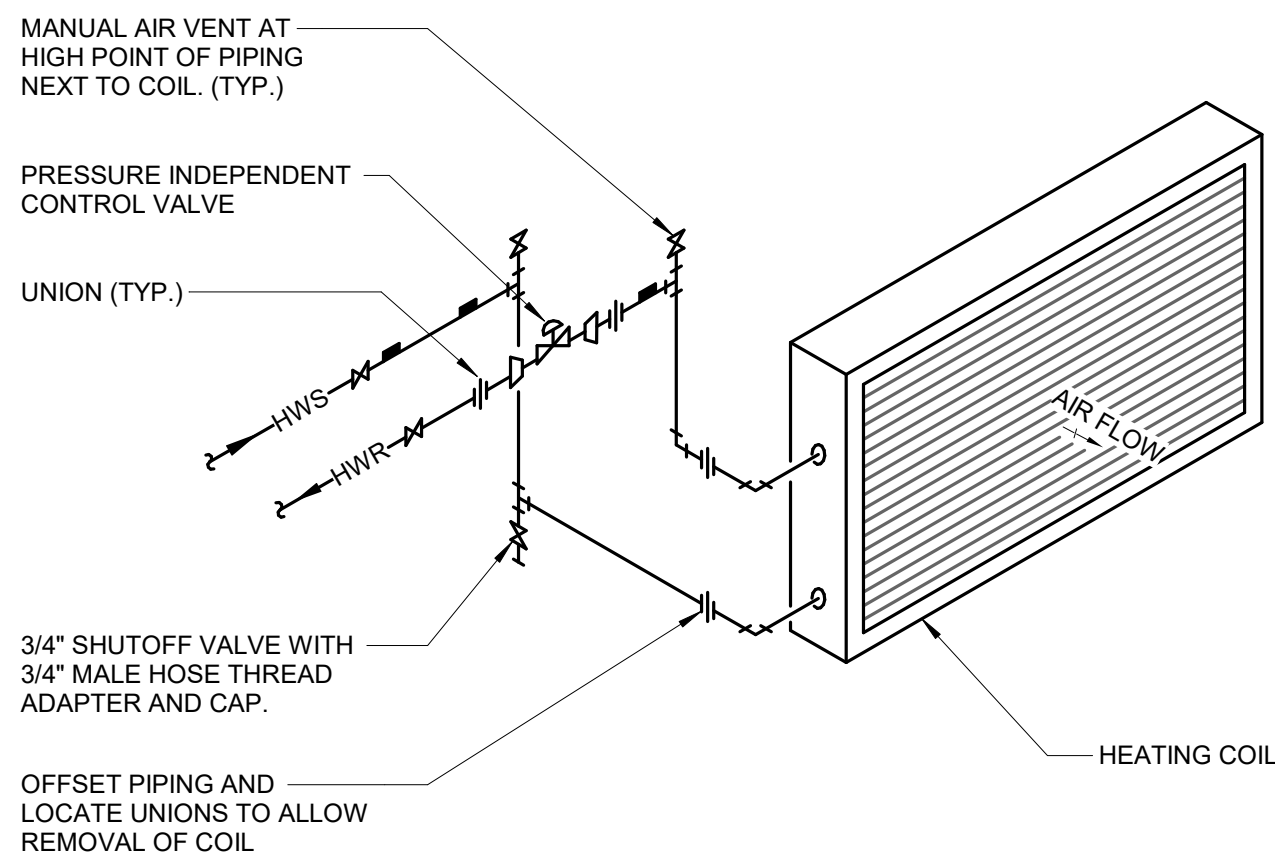
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- NOTES:
1. THIS DETAIL APPLIES ONLY TO TAPS OFF UNLINED DUCTS.
 2. TAP DOES NOT NEED TO BE CONICAL IF THE TAP IS NOT LOCATED BETWEEN FANS AND TERMINAL AIR BOXES. DUCT IS NOT OVER 2" PRESSURE CLASS, AND ROUND DUCT IS NOT OVER 12" DIAMETER.
 3. MANUFACTURED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

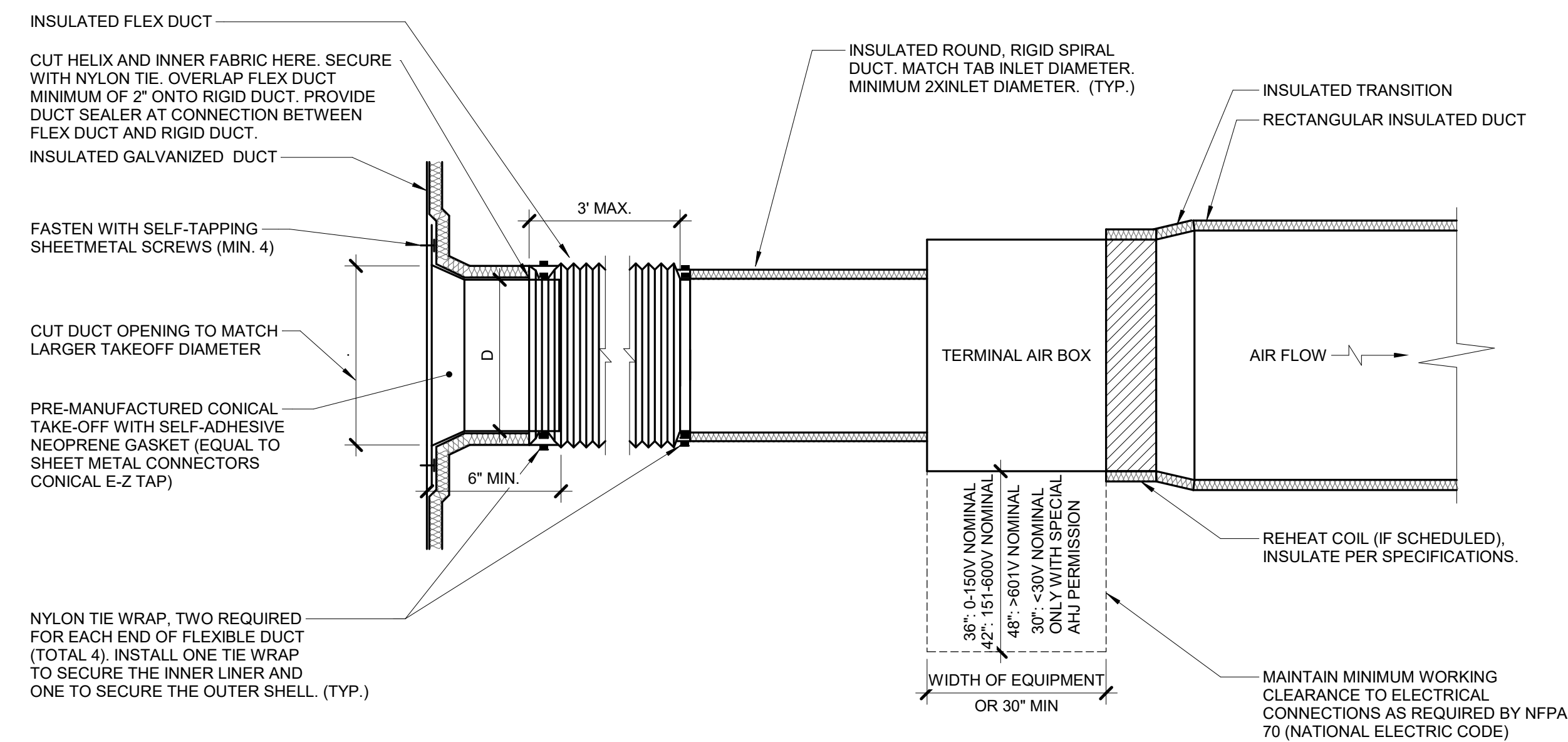
3 ROUND DUCT TAP CONNECTION (CONICAL/WAPPED)

NO SCALE



4 HOT WATER COIL PIPING

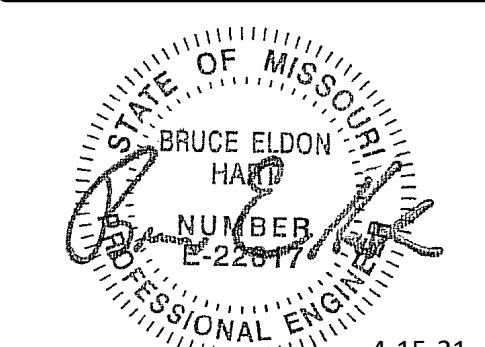
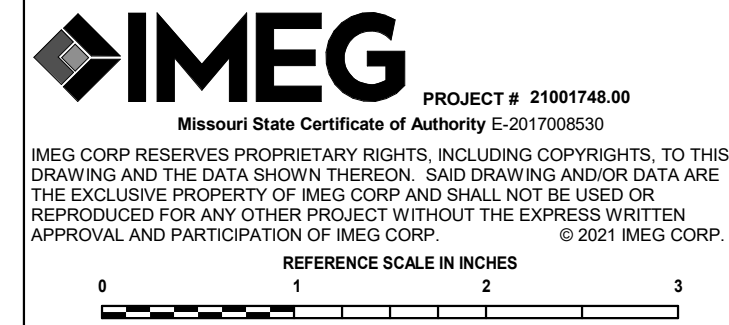
NO SCALE



- 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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Date 04/15/2021
Job Number 3-21004
Drawn By MJL
Checked By DWD

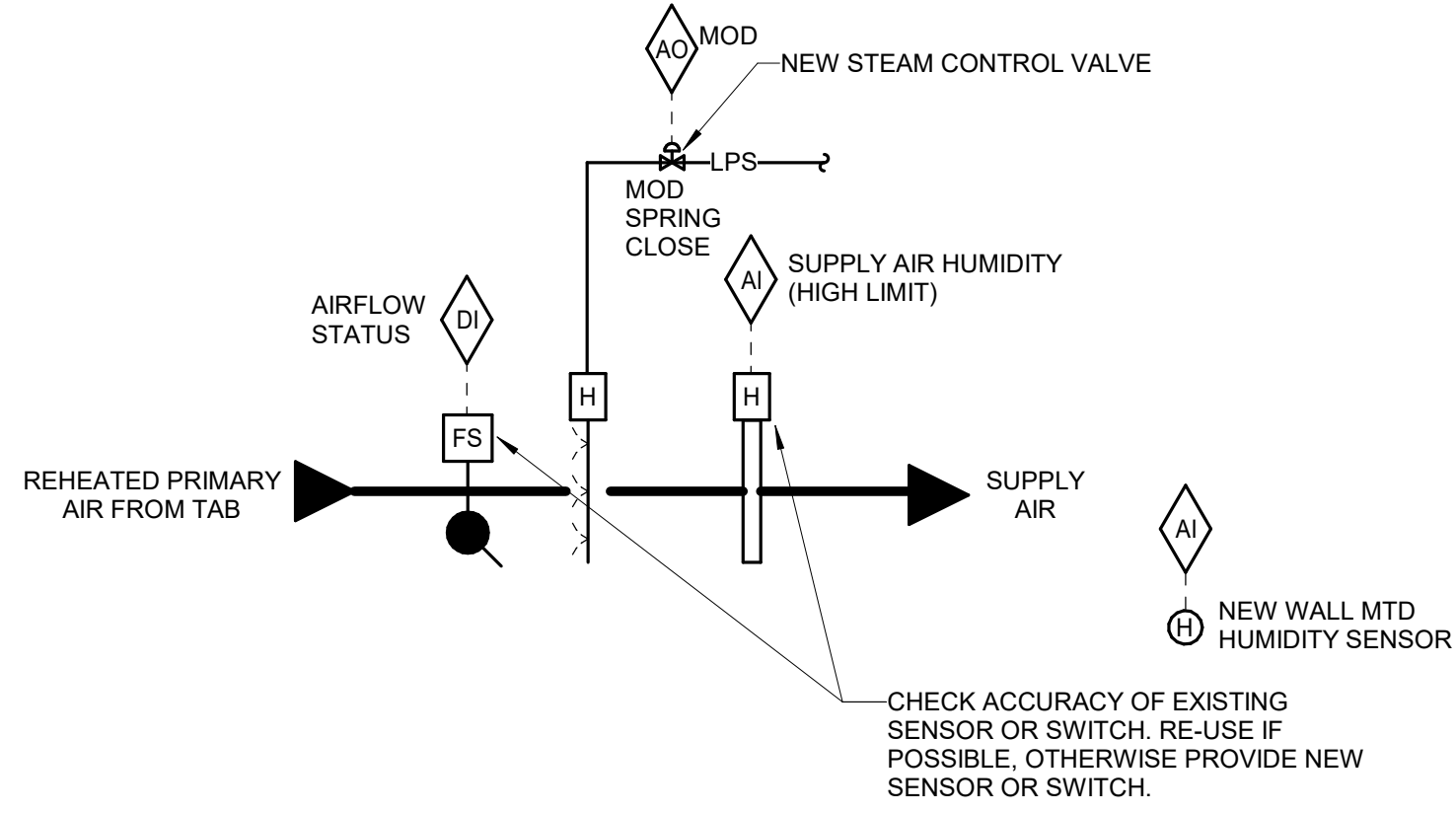
Revision
Number Date Description
4 10/01/21 ASI #4

M410.1

VENTILATION AND PIPING DETAILS

CONTROL SYMBOL LIST		
NOT ALL SYMBOLS MAY APPLY.		
SYMBOL:	DESCRIPTION:	
—CR	CONDENSER WATER RETURN	
—CS	CONDENSER WATER SUPPLY	
—CS15	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	DI
	ANALOG OUTPUT	DO
	FLOW METER	D
	FLOW SWITCH	H
	FLOW SENSOR	FS
	AIR FLOW SWITCH	FS
	DUCT FLOW METER	FM
	HUMIDIFIER	H
	DUCT SMOKE DETECTOR	DSD
	HEATING/ COOLING COIL	H
	AIR BLENDER	AB
	MANUAL MOTOR STARTER W/THERMAL OVERLOAD	M
	FAN	F
	MOTOR	MTR
	CONTACTOR	R
	PUMP	P

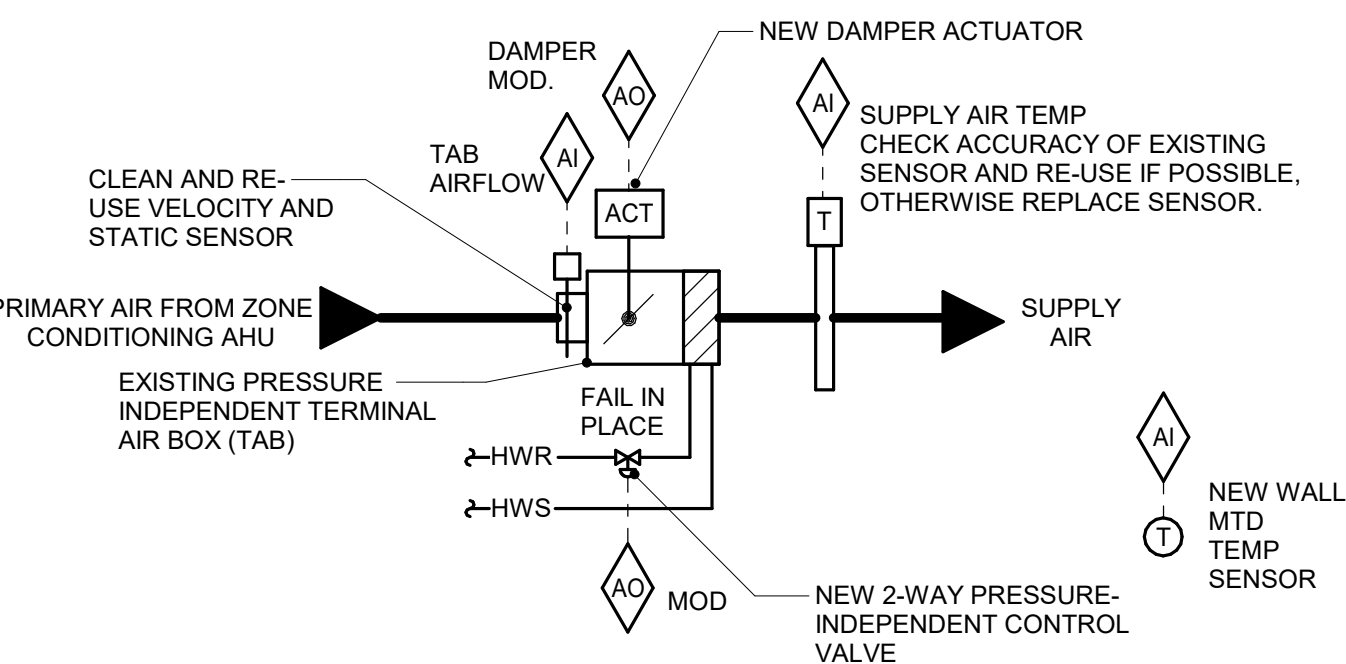
TEMPERATURE CONTROLS ABBREVIATION KEY	
ABBR:	DESCRIPTION:
EA	EXHAUST/RELIEF AIR
MA	MIXED AIR
MV	MIXING VALVE
N.C.	NORMALLY CLOSED
NIC	NOT IN CONTRACT
N.O.	NORMALLY OPEN
OA	OUTSIDE AIR
TYP	TYPICAL
RA	RETURN AIR
SA	SUPPLY AIR
UON	UNLESS OTHERWISE NOTES



- 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 35% RH (ADJ.), BASED ON A SIGNAL FROM 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)		MIN. INLET SIZE (IN.) DIA.	MANUFACTURER	MODEL (NOTES 1, 2)	NOTES
	COOLING MAX.	HEATING MAX.	MIN.	EAT °F	LAT °F	MAX. GPM		
A6-2A131D	600	480	300	55.0	95.0	180	1.4	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 CABLE, 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
A6-2A208	12"	300	150	250	0.7	500
A6-2A099	7"	500	250	400	1.3	-
A6-2A100	7"	500	250	400	1.3	-
A6-2A110	7"	500	500	500	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	9"	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 MBH	A.P.D. IN. W.C.	EWT °F	LWT °F	GPM	W.P.D. FT. HEAD	MAX. DIMENSIONS 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

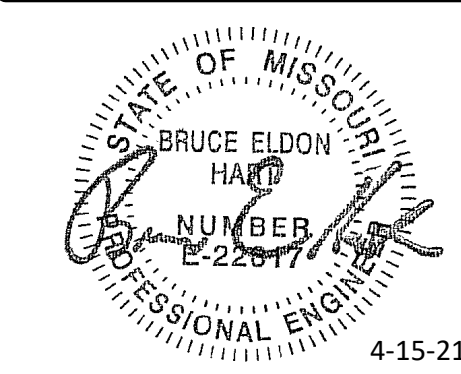
NOTES:
1. PROVIDE ROOM INTEGRATOR TO CONNECT DIRECTLY TO FMCS VIA NETWORK.

TAG NAME	AREA SERVED	COOLING MAX.	MIN.	HEATING MAX.	PRESSURE DROP	AV SIZE, CONFIGURATION MIN. 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.) (NOTE 2)	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 PLATE 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



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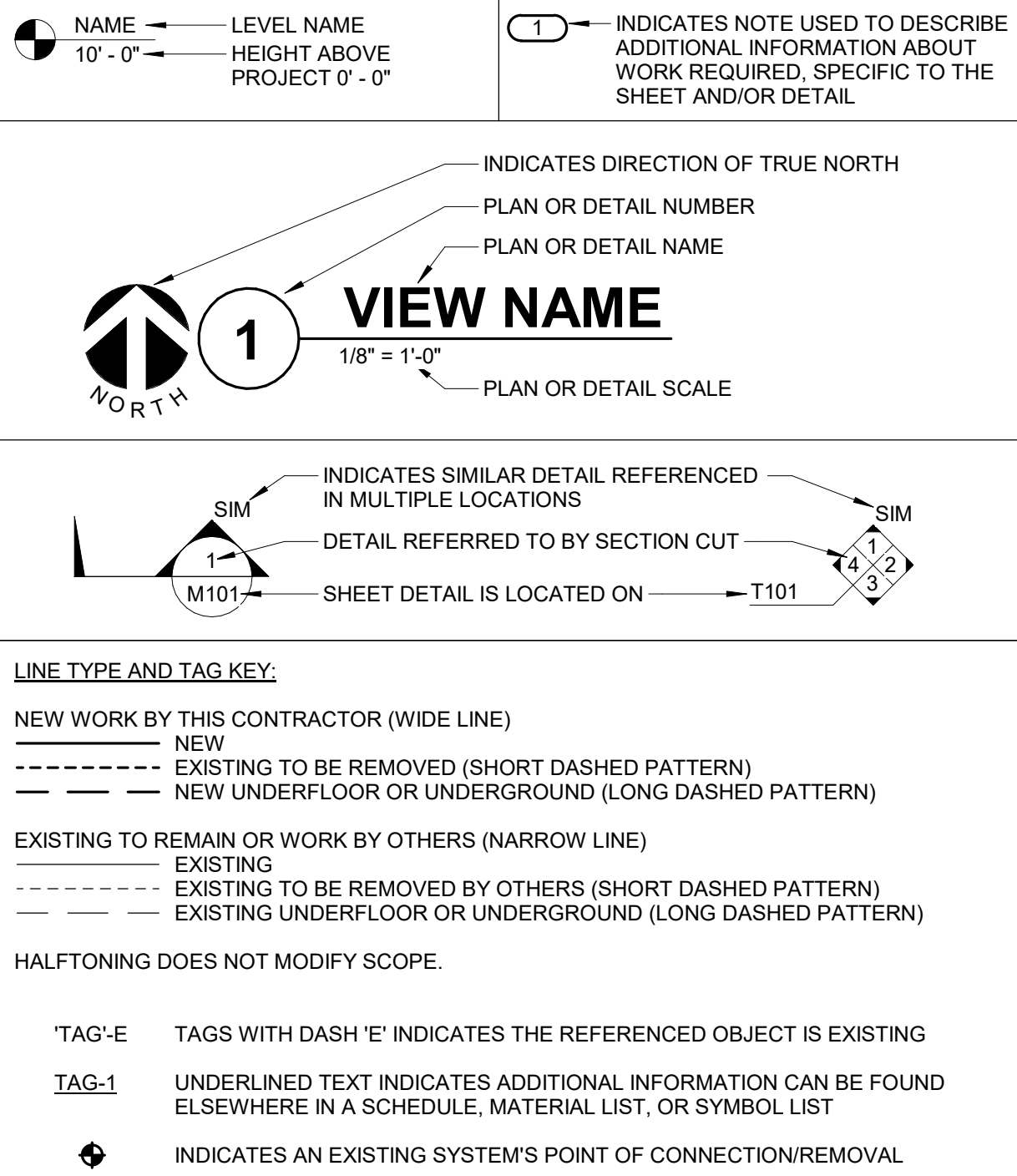
Date 04/15/2021
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Drawn By Author
Checked By Checker

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

M610.1

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SCHEDULES AND CONTROL DIAGRAMS

VIEW KEY



CONTRACTOR ABBREVIATION KEY

ABBR:	DESCRIPTION:
A.C.	ASBESTOS ABATEMENT CONTRACTOR
A.V.C.	AUDIO/VISUAL 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.G.	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:
	ACID VENT
	ACID WASTE
	COMPRESSED AIR
	CARBON DIOXIDE
	COLD WATER - POTABLE
	DRAIN
	DEIONIZED WATER
	DRAIN - MEDICAL GAS
	DRAIN TILE
	MEDICAL EQUIPMENT AIR
	NATURAL GAS
	GAS REGULATOR VENT
	SANITARY DRAINAGE (GREASE SANITARY DRAINAGE)
	GREASE VENT
	HOT WATER - POTABLE
	HOT WATER CIRCULATING - POTABLE
	HOT WATER - POTABLE NUMBER INDICATES TEMP
	HOT WATER CIRC - POTABLE NUMBER INDICATES TEMP
	INSTRUMENT AIR
	MEDICAL AIR
	MEDIUM PRESSURE GAS
	MEDICAL VACUUM
	NITROGEN
	NON-POTABLE COLD WATER
	NON-POTABLE HOT WATER
	NITROUS OXIDE
	OIL RETURN
	OIL SUPPLY
	OXYGEN
	PROPANE GAS
	PUMPED DISCHARGE
	PURE WATER
	REVERSE OSMOSIS WATER
	SANITARY DRAINAGE
	SOFT COLD WATER
	SOFT HOT WATER
	STORM DRAINAGE (ROOF SQUARE FOOTAGE)
	STORM DRAINAGE (SECONDARY)
	SOFT TEMPERED WATER
	TEMPERED WATER
	VENT
	LAB VACUUM
	SERVICE WATER - POTABLE
	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
	ROOF DRAIN PROPERTIES RD-1 6"(1000)
	DIELECTRIC CONNECTION
	UNION/FLANGE
	SHUTOFF VALVE NORMALLY OPEN
	SHUTOFF VALVE NORMALLY CLOSED
	BALANCING VALVE (NUMBER INDICATES GPM)
	CHECK VALVE
	BACKFLOW PREVENTER
	SOLENOID VALVE
	"WYE" - STRAINER
	"WYE" - STRAINER WITH 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
EW	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.

1. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS TO THE OWNER PRIOR TO BIDDING.
2. NOT ALL EXISTING DUCTWORK AND PIPING IS SHOWN. VERIFY EXISTING CONDITIONS BEFORE STARTING WORK. NOTIFY ENGINEER OF ANY CONFLICTS WITH NEW WORK.
3. IF ANY, AVAILABLE, RECORDS, DRAWINGS, OR FIELD SURVEYS SHOW THE LOCATION OF FABRICATION, RISERS AND DROPS MAY BE NECESSARY BECAUSE OF EXISTING FIELD CONDITIONS.
4. CONTRACTOR SHALL FIELD VERIFY ACCESSIBILITY TO THE AREA OF HIGHER WORK AND SHALL NOTIFY THE PRIOR TO BIDDING IF OTHER UTILITIES ARE REQUIRED TO BE REMOVED OR RELOCATED TO ALLOW ACCESS TO HIGHER AREA OF WORK.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING PATCHING OF ROOF, WALLS, AND FLOORS ASSOCIATED WITH WORK BY ALL CONTRACTORS.
6. CONTRACTOR SHALL NOTIFY THE OWNER OF ANY EFFECTS PRIOR TO BIDDING. THE OWNER SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING ELEMENTS 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 WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THEM. 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 LOWER LEVEL WORK TO PROCEED.
8. PROVIDE TEMPORARY CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING CONSTRUCTION. MAINTAIN ACCESS TO EXISTING MECHANICAL INSTALLATIONS THAT REMAIN IN PLACE.
9. OBTAIN PERMISSION FROM OWNER BEFORE SHUTTING DOWN ANY SYSTEM FOR ANY REASON. MAINTAIN SERVICE TO ALL COMPONENTS THAT ARE TO REMAIN UNTIL NEW EQUIPMENT IS INSTALLED.
10. MAINTAIN EXISTING SYSTEM IN SERVICE UNTIL NEW SYSTEM IS COMPLETE AND READY FOR TIE IN AND SWITCHOVER. DRAIN SYSTEM ONLY TO MAKE SWITCHOVERS AND DRAINAGE. REMOVE EXISTING DRAINAGE SYSTEMS OR OVERSIZED OR INCOMPLETE 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. DEMOLITION PHASES ARE NOT TO BE CONSIDERED PART OF THE PROJECT. 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 AND CRITICAL PATH SCHEDULE.
2. REVIEW PROJECT PHASES AND 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 PHASES OF PROJECT ON SCHEDULE.
5. PHASE DEMOLITION WORK TO MINIMIZE DOWNTIME.

PLUMBING GENERAL NOTES:

1. THE SYMBOLS AND THE MATERIAL LIST ARE FOR THE CONVENIENCE OF THE CONTRACTOR. CONTRACTOR SHALL VERIFY QUANTITIES AND FURNISH ALL MATERIALS REQUIRED FOR COMPLETION OF THE WORK.
2. 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 OBTAINING THE CORRECT TYPE AND QUANTITY OF MATERIAL ON THE BASIS OF THE SPECIFICATIONS BEFORE ORDERING. THE DESCRIPTION OF THE MATERIAL TAKES PRECEDENCE OVER THE CATALOG NUMBER. THE FIRST MANUFACTURER LISTED IS THE PREFERRED.
3. CONTRACTOR SHALL VERIFY THAT FIXTURES SUPPLIED ARE APPROVED PER ALL APPLICABLE STATE, LOCAL AND GOVERNING AUTHORITIES.
4. FIT FIXTURES SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
 - A. INVERT ELEVATIONS ARE FROM EXISTING DRAWINGS AND MAY NOT BE ACCURATE. VERIFY ALL ELEVATIONS BEFORE BEGINNING WORK.
 - B. VERIFY UNDERGROUND PIPE SIZES, INVERT ELEVATIONS, AND LOCATIONS PRIOR TO BEGINNING ANY WORK.
 - C. REFER TO THE PLUMBING ROUGH-IN SCHEDULE FOR THE SIZES OF BRANCH PIPES TO JUNCTIONS.
 - D. FOR CLARITY, NOT ALL VALVES HAVE BEEN SHOWN. PROVIDE SHUTOFF VALVES IN DOMESTIC WATER PIPING SERVING EACH ROOM WITH FIXTURES. AGENCY STOPS SHALL NOT BE USED FOR SHUTTING OFF WATER TO INDIVIDUAL FIXTURES.
 - E. EXISTING CONDITIONS ON DEMOLITION PLANS ARE PROVIDED TO INDICATE THE GENERAL LOCATION OF ITEMS TO BE REMOVED. REFER TO SPECIFICATION SECTION 22 05 05 FOR ADDITIONAL DEMOLITION INFORMATION.
 - F. P.C. SHALL CUT AND PATCH EXISTING AS REQUIRED FOR NEW OR DEMOLITION WORK UNLESS OTHERWISE SPECIFIED. REFER TO SPECIFICATION SECTION 22 05 05 FOR ADDITIONAL INFORMATION.

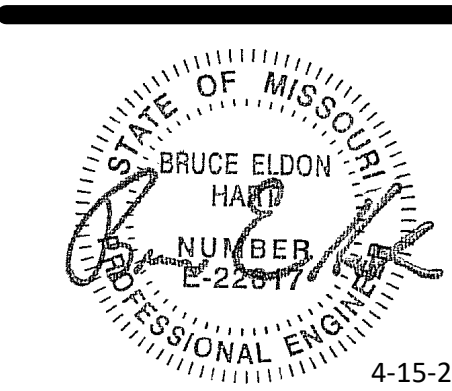
MEDICAL GAS GENERAL NOTES:

1. 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.
2. CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE, BUT ARE GIVEN AS AN AID TO THE CONTRACTOR AND TO INDICATE THE TYPE OF MATERIAL. THE 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.
3. INSTALL WALL MOUNTED OUTLETS 60" AFF UNLESS NOTED OTHERWISE. COORDINATE ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
4. REFER TO MEDICAL GAS MATERIAL LIST FOR PIPE SIZES TO INDIVIDUAL OUTLETS.

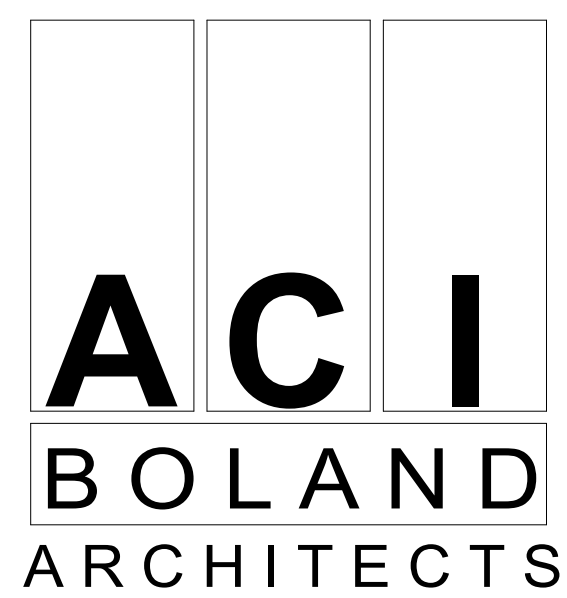
MECHANICAL GENERAL NOTES:

THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, MEDICAL GAS, VENTILATION, PIPING AND TEMPERATURE CONTROL.

1. DRAWINGS SHOWING LOCATIONS OF EQUIPMENT, DUCTWORK, PIPING, ETC. ARE DIAGRAMMATIC AND MAY NOT ALWAYS REFLECT EXACT INSTALLATION CONDITIONS. THE CONTRACTOR SHALL VERIFY THE GEOMETRIC LOCATIONS OF EQUIPMENT, 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 SHALL BE VERIFIED BY THE CONTRACTOR.
2. DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CLEARANCES FROM EXISTING OR REQUIRED EQUIPMENT, PIPING, DUCTS, AND OTHER TRADES OR PHYSICALLY AT SITE. REVIEW ALL DRAWINGS, INCLUDING THOSE OF OTHER TRADES.
3. COORDINATE ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION TO PROVIDE CLEARANCES TO ALL TRADES. VERIFY ALL DIMENSIONS AND CLEARANCES TO VERIFY NO-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF NECESSARY CLEARANCES FOR ALL TRADES. BRING ANY INTERFERENCES TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
4. VERIFY NO-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF NECESSARY CLEARANCES FOR ALL TRADES. BRING ANY INTERFERENCES TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
5. REVIEW SPACE REQUIREMENTS OF EQUIPMENT TO BE INSTALLED AND POSITIONING TO PROVIDE PROPER ACCESS.
6. CLEARANCES 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.
7. EACH TRADE IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH ELECTRICAL CHANGES REQUIRED FOR EQUIPMENT PROPOSED THAT DIFFERS FROM THE BASIS OF DESIGN.
8. PROVIDE ARCHITECTURAL REFLECTED CEILING PLAN, ELECTRICAL, TECHNOLOGY AUDIOVISUAL, AND OTHER MECHANICAL PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES, OTHER THAN SPRINKLERS.
9. PROVIDE ARCHITECTURAL REFLECTED CEILING PLAN TO PREVENT 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.
10. IN AREAS WITH DUCTWORK CEILINGS COORDINATE LOCATIONS OF ACCESS PANELS WITH THE ARCHITECT. PROVIDE ARCHITECTURAL REFLECTED CEILING PLAN TO PREVENT DAMAGE TO ACCESS PANEL TYPE AND COLOR WITH ARCHITECT. NOTIFY THE GC OF THE REQUIRED ACCESS PANEL PRIOR TO BIDDING.
11. PROVIDE ACCESS PANELS TO AIR TRAFFIC AIRIGHT WHERE CONDUTS, PIPING, AND DUCTS PENETRATE.
12. CAULK ALL PIPE, WALL, AND DUCT PENETRATIONS AT ROOF. DO NOT NAIL ROOF RATED WALL, PARTIAL ROOF, AND ROOF ASSEMBLIES. THIS IS ESSENTIAL TO PREVENT NOISE TRANSMISSION FROM ONE ROOM TO ANOTHER AND TO PROVIDE THE DESIRED NC LEVELS WITHIN THE ROOMS.
13. WHERE PIPES AND DUCTS ARE SHOWN TO PENETRATE FLOORS, PROVIDE SLEEVED OPENINGS WITH THE TOP EDGE RAISED ABOVE FLOOR SURFACE IN ACCORDANCE WITH ALL APPLICABLE SECTION NOTES.
14. 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.
15. DO NOT BLOCK TUBE FLOOR OR EQUIPMENT SERVICE CLEARANCES.
16. PROVIDE ACCESS PANELS TO ELECTRICAL PANELS, MOTOR STARTERS, SWITCHES, AND DISCONNECTS.
17. PROVIDE ACCESS PANELS TO ALL FLOOR MOUNTED EQUIPMENT. PROVIDE ACCESS SHALL EXCEED MINIMUM 6' BEYOND ALL SIDES OF EQUIPMENT.
18. DO NOT SUPPORT EQUIPMENT, PIPING, OR DUCTWORK FROM METAL DECKING OR OTHER NON-STRUCTURAL BUILDING COMPONENTS. PROVIDE PROPER SUPPORTS. DECKING SHALL BE CRACKED CONCRETE APPROVED IN ACCORDANCE WITH SPECIFICATIONS.



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MOTHER BABY FINISH UPGRADES

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Job Number	3-21004
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Job Number 3-21004

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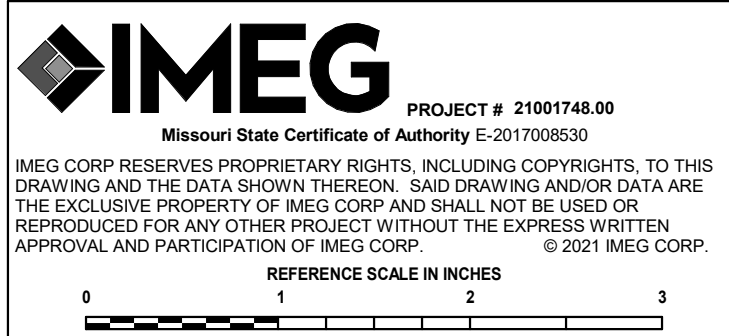
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Revision

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

10/01/21

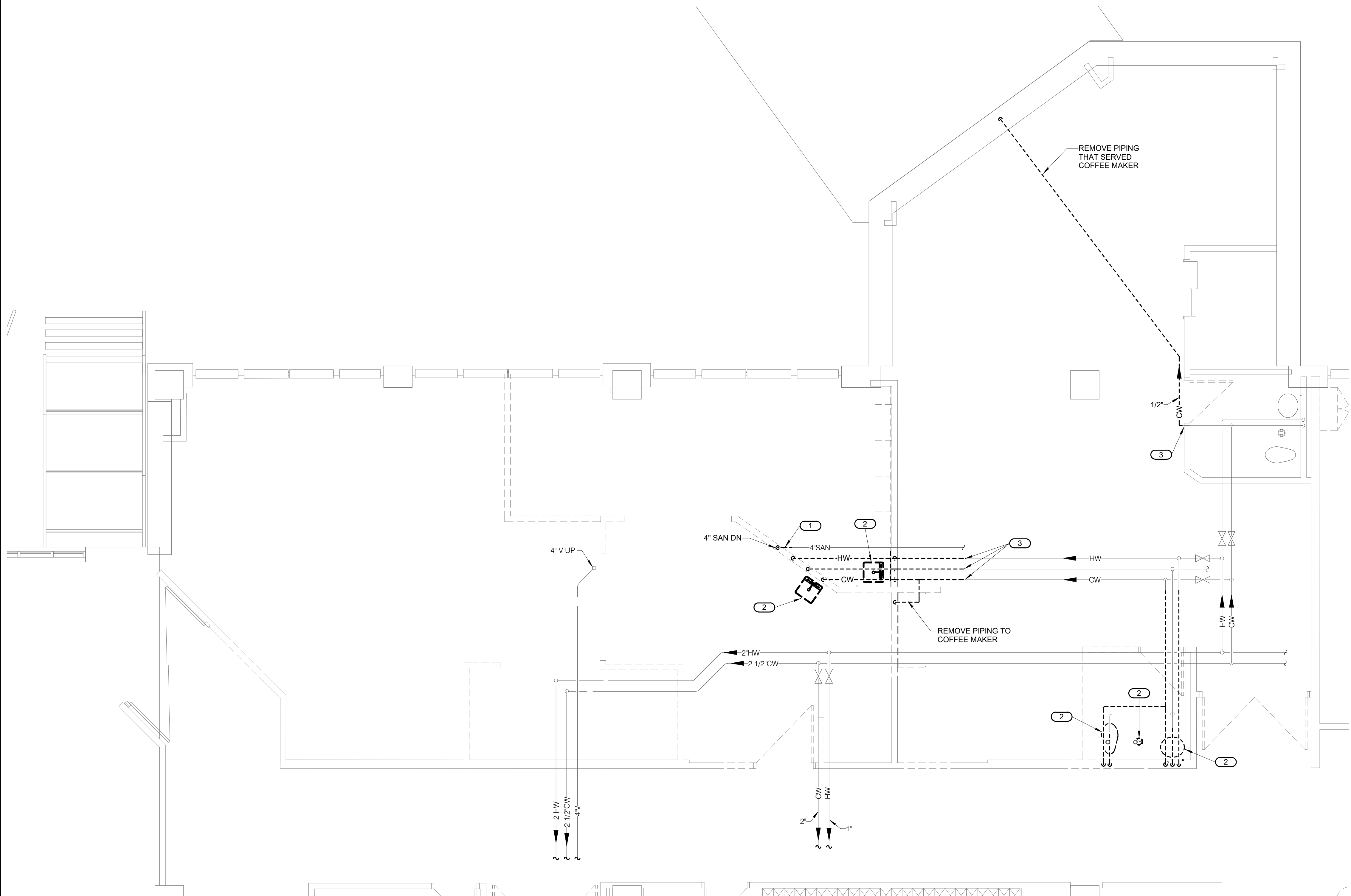
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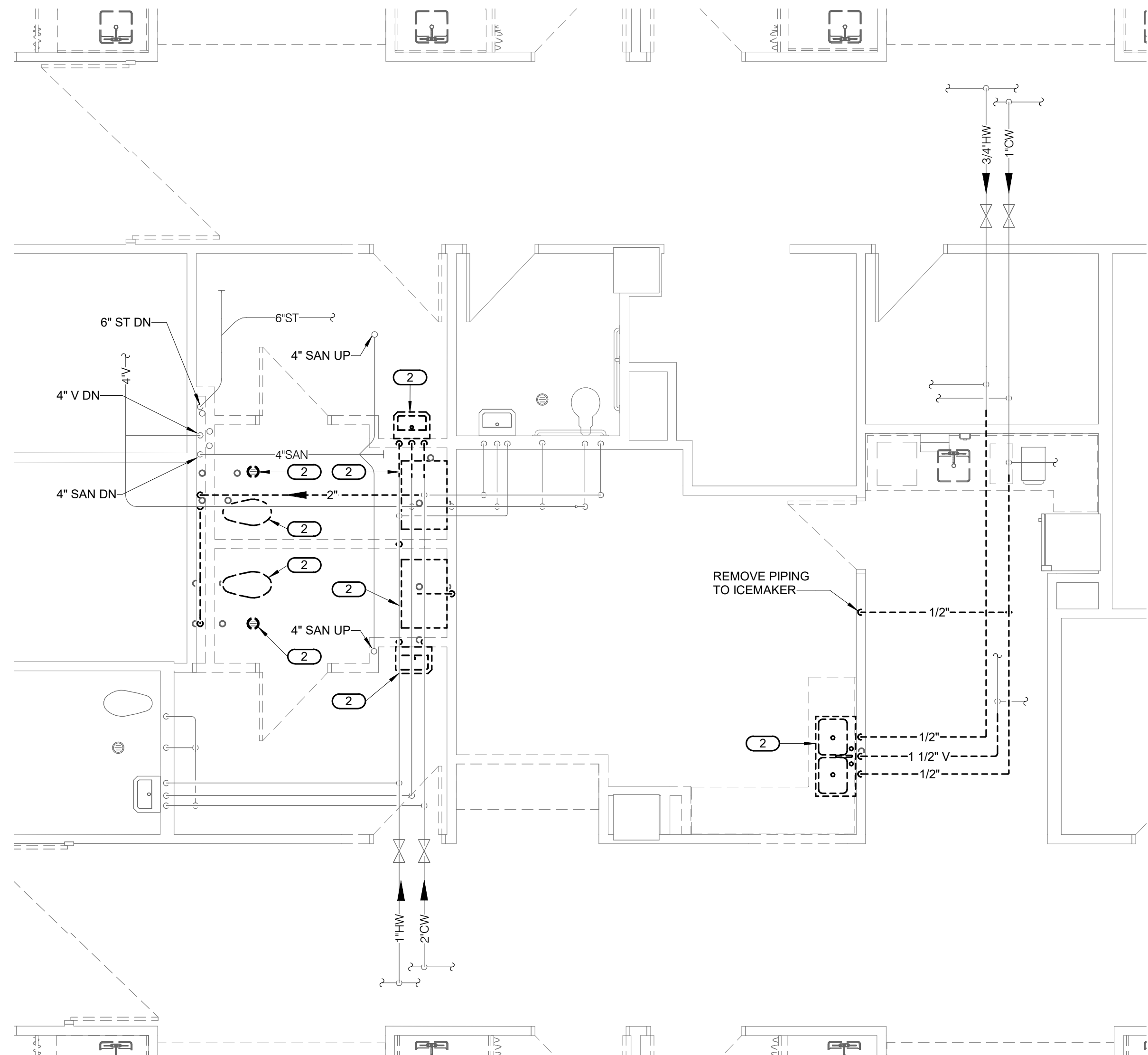
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PLUMBING COVERSHEET



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



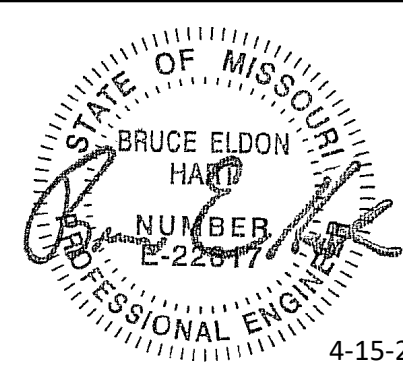
2 SECOND FLOOR DEMOLITION - PLUMBING - ANTEPARTUM
1/4" = 1'-0"

SHEET NOTES:

1. REFER TO GENERAL NOTES ON SHEET P000.
2. BEFORE CORE DRILLING ANY HOLES, LOCATE REBAR IN SLAB BY X-RAY OR WITH REBAR. 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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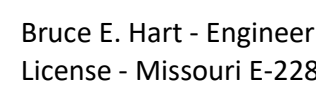
Date 04/15/2021
Job Number 3-21004
Drawn By Author
Checked By Checker

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

P102.1

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SECOND FLOOR DEMOLITION - WELL
BABY AREA



1. REFER TO GENERAL NOTES ON SHEET P000.
2. 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 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.

1. NOT USED.
2. NOT USED.
3. NOT USED.
4. 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.
5. CONNECT NEW 2" VENT TO EXISTING 4" VENT.

NOTES: (APPLIES TO ALL PLUMBING FIXTURES LISTED BELOW)

1) SIZES SHOWN ARE MINIMUMS. LARGER SIZES SHOWN ON THE DRAWING SHALL DICTATE THE ROUTING.

2) SANITARY RISERS UP IN WALL TO FIXTURES SHALL BE A MINIMUM OF 2".

3) DOMESTIC WATER BRANCH PIPING OUTSIDE OF THE WALL/CASE 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 1/2"

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 WALL/CHASE SHALL BE A MINIMUM OF 3/4" UNLESS
NOTED OTHERWISE. ONLY THE FINAL RISE-DROP SHALL BE SMALLER.



△ P202.1

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SECOND FLOOR - PLUMBING - WELL
BABY AREA

5/13/2022 9:56:17 AM

MEDICAL GAS ROUGH-IN SCHEDULE									
NOTES: 1. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS. 2. COORDINATE EXACT CONNECTION TO FIXTURES WITH MANUFACTURER.									
TAG NAME	MV	O	MA	N	NO	WAGD	IA	CO	NOTES
MGO-1	3/4"	1/2"							NOTES 1 & 2
MGO-2	3/4"	1/2"							NOTES 1 & 2

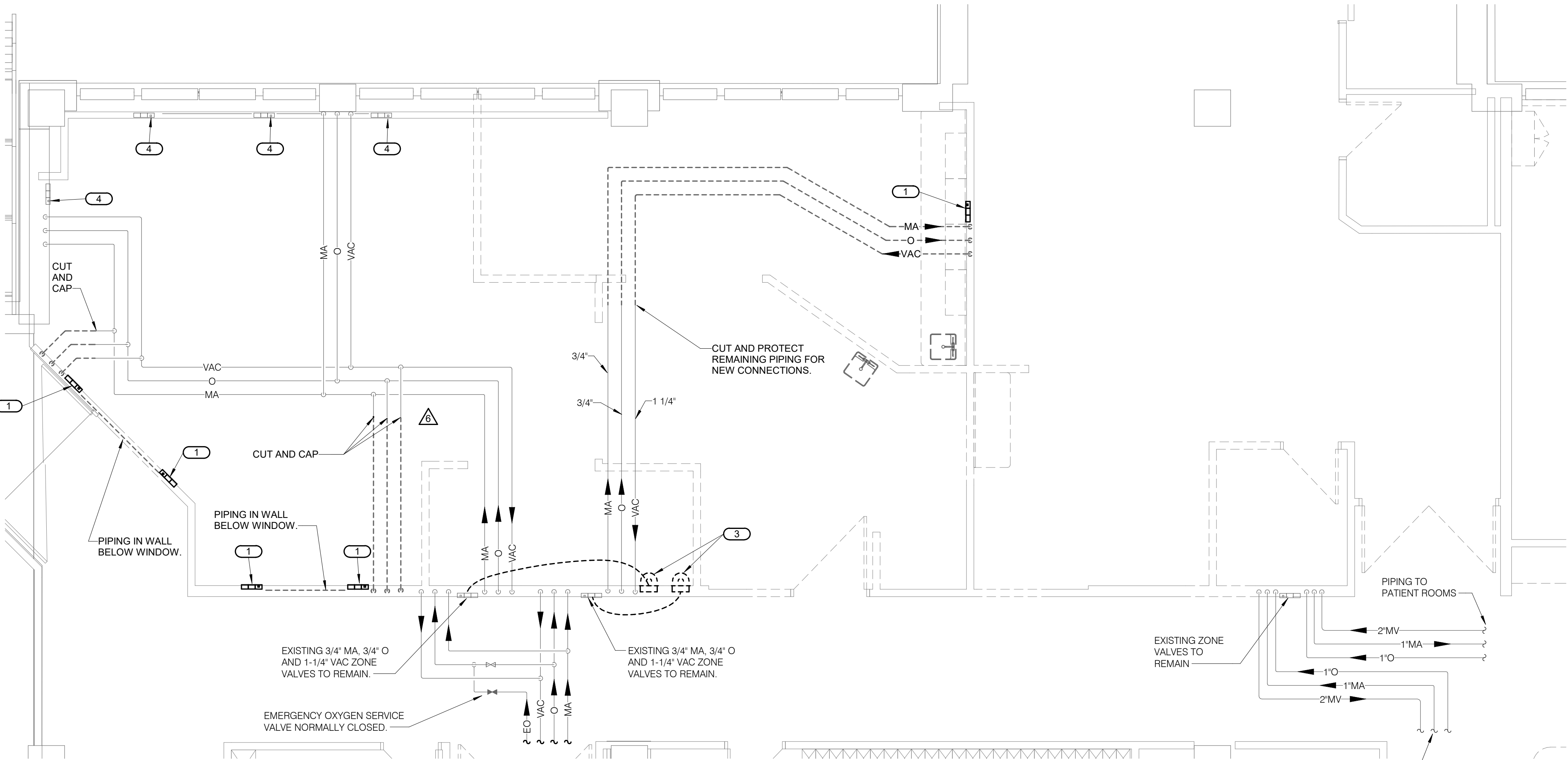
MEDICAL GAS MATERIAL LIST		
TAG NAME	DESCRIPTION	MANF. & MODEL
MGO-1	MODULAR GAS OUTLET GROUP WHICH WILL CONTAIN THE FOLLOWING MEDICAL GAS OUTLETS: (1) OXYGEN (O) OUTLET(S) (1) MEDICAL AIR (MA) OUTLET(S) (1) VACUUM (VAC) INLET(S) REFER TO 'OUTLETS' FOR ADDITIONAL INFORMATION.	BEACONMEDAES
MGO-2	MODULAR GAS OUTLET GROUP WHICH WILL CONTAIN THE FOLLOWING MEDICAL GAS OUTLETS: (1) OXYGEN (O) OUTLET(S) (1) VACUUM (VAC) INLET(S) REFER TO 'OUTLETS' FOR ADDITIONAL INFORMATION.	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

SHEET NOTES:

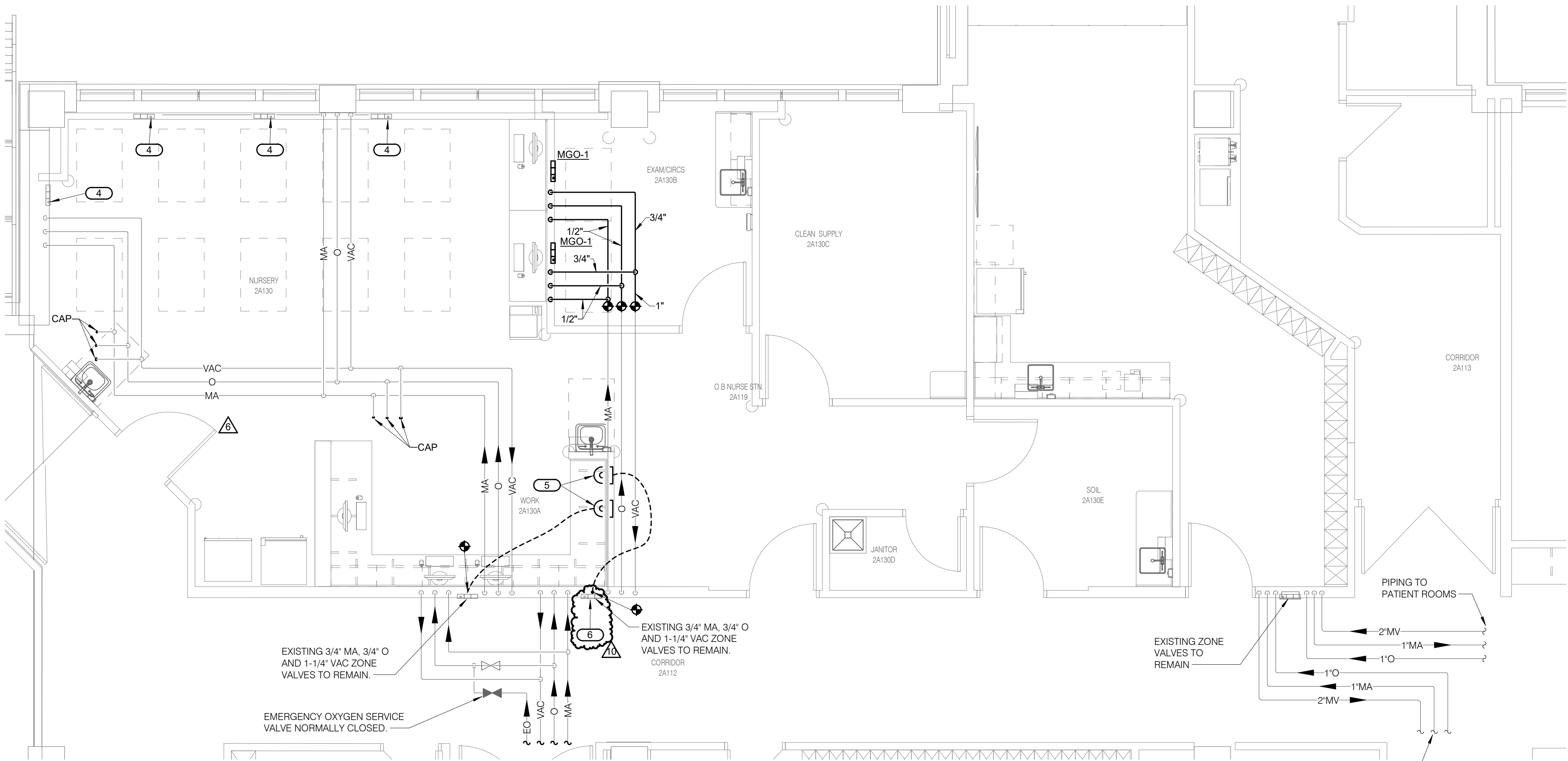
1. REFER TO GENERAL NOTES ON SHEET P000.
2. AFTER COMPLETING THE NEW WORK, UPDATE LABELS ON ZONE VALVE BOXES AND ALARM PANELS TO REFLECT THE ROOM NUMBERS SERVED AND RE-CERTIFY MED GAS SYSTEMS.

KEYNOTES: C #

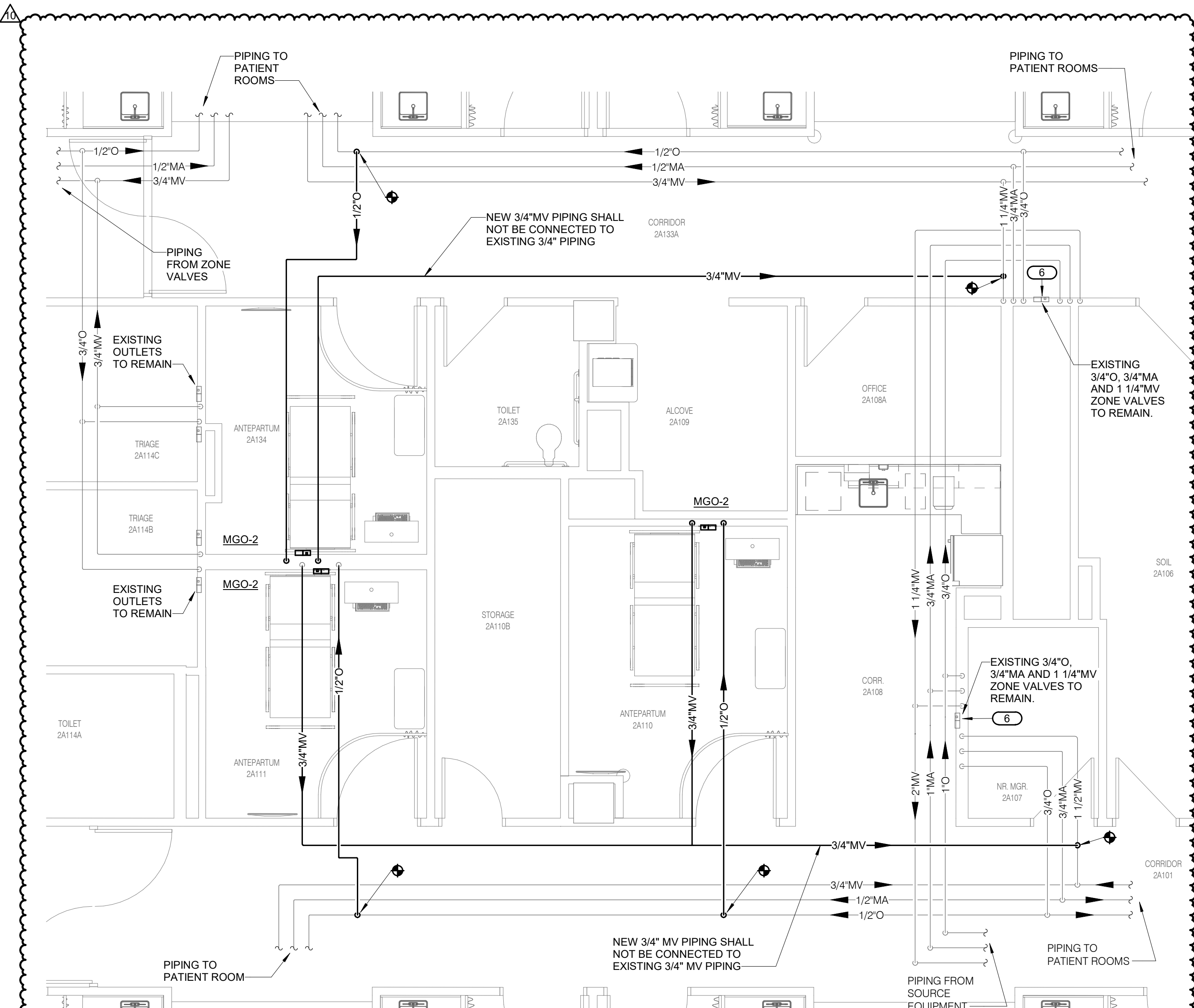
1. DISCONNECT AND REMOVE MEDICAL AIR, OXYGEN AND VACUUM OUTLETS.
2. NOT USED.
3. DISCONNECT AND SALVAGE TWO (2) MED GAS ALARM PANELS FOR RELOCATION AND RE-USE. PROTECT ASSOCIATED PRESSURE TRANSDUCERS, REMOVE ANY CONTROL WIRING THAT CANNOT BE RE-USED.
4. EXISTING MEDICAL AIR, OXYGEN AND VACUUM OUTLETS TO REMAIN.
5. 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.
6. UPDATE LABEL ON ZONE VALVE BOX TO REFLECT NEW ROOMS SERVED.



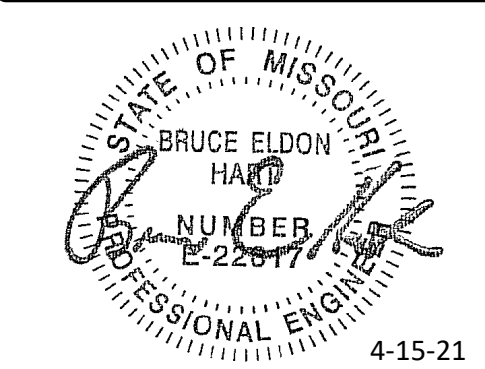
1 SECOND FLOOR DEMOLITION - MEDICAL GAS - WELL BABY
1/4" = 1'-0"



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



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



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Drawn By Author
Checked By Checker

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

P212.1

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SECOND FLOOR - MEDICAL GAS - WELL BABY AREA

ELECTRICAL SYMBOL LIST	
SYMBOL:	DESCRIPTION:
	DUPLEX RECEPTACLE CONTROLLED BY OCCUPANCY
	QUAD RECEPTACLE CONTROLLED BY OCCUPANCY
	DUPLEX RECEPTACLE, 125V
	DUPLEX GFI RECEPTACLE, 125V
	GROUND FAULT DEVICE
	DUPLEX GFI WEATHERPROOF RECEPTACLE 125V
	DUPLEX RECEPTACLE, EXPLOSION PROOF, 125V
	ISOLATED GROUND RECEPTACLE, 125V
	ISOLATED GROUND RECEPTACLE WITH SURGE SUPPRESSION, 125V
	ISOLATED GROUND QUAD RECEPTACLE WITH SURGE SUPPRESSION, 125V
	DUPLEX RECEPTACLE, USB CHARGING
	ARC FAULT CIRCUIT INTERRUPTER RECEIPT 125V
	SIMPLEX RECEPTACLE, 125V
	RECEPTACLE, 125V
	RECEPTACLE 125V, 50A, 125V
	RECEPTACLE, 6-20R, 250V
	RECEPTACLE, 6-30R, 250V
	RECEPTACLE, 6-50R, 250V
	RECEPTACLE, 7-20R, 277V
	RECEPTACLE, 7-30R, 277V
	RECEPTACLE, 7-50R, 277V
	RECEPTACLE, 14-20R, 125/250V
	RECEPTACLE, 14-30R, 125/250V
	RECEPTACLE, 14-50R, 125/250V
	RECEPTACLE, 14-60R, 125/250V
	RECEPTACLE, 15-20R, 250V, 3PH
	RECEPTACLE, 15-30R, 250V, 3PH
	RECEPTACLE, 15-50R, 250V, 3PH
	RECEPTACLE, 15-60R, 250V, 3PH
	RECEPTACLE, LOCKING TYPE, L5-20R, 125V
	RECEPTACLE, LOCKING TYPE, L5-30R, 125V
	RECEPTACLE, LOCKING L6-20R, 250V
	RECEPTACLE, LOCKING L6-30R, 250V
	RECEPTACLE, LOCKING L7-20R, 277V
	RECEPTACLE, LOCKING L7-30R, 277V
	RECEPTACLE, LOCKING L14-20R, 125/250V
	RECEPTACLE, LOCKING L14-30R, 125/250V
	RECEPTACLE, LOCKING L15-20R, 250V, 3PH
	RECEPTACLE, LOCKING L15-30R, 250V, 3PH
	RECEPTACLE, L16-20R, 480V, 3PH
	RECEPTACLE, L16-30R, 480V, 3PH
	RECEPTACLE, LOCKING L21-20R, 120/208V, 3PH
	RECEPTACLE, LOCKING L21-30R, 120/208V, 3PH
	RECEPTACLE, EXPLOSION PROOF, 125V
	DUPLEX RECEPTACLE, TAMPER RESISTANT, 125V
	GFI DUPLEX RECEPTACLE, TAMPER RESISTANT, 125V
	QUAD RECEPTACLE, 125V
	QUAD GFI RECEPTACLE, 125V
	QUAD RECEPTACLE, USB 125V
	QUAD GFI WEATHERPROOF RECEPTACLE, 125V
	RECEPTACLE - PEDESTAL STYLE
	RECEPTACLE - PEDESTAL STYLE
	FLOOR BOX - POKE THRU, 125V
	IEC PIN AND SLEEVE RECEPTACLE, 600V
	POWER POLE

ELECTRICAL SYMBOL LIST	
SYMBOL:	DESCRIPTION:
	GROUND BUS
	INTERSYSTEM BONDING TERMINATION
	ELECTRICAL CONNECTION
	JUNCTION BOX
	FLOOR BOX - DUPLEX RECEPTACLE
	FLOOR BOX - SEE NOTES BELOW
	FLOOR BOX - MULTI SERVICE
	FLOOR - SERVICE FITTING
	TECHNOLOGY OUTLET ROUGH-IN
	TECHNOLOGY ROUGH-IN, CEILING
	TECHNOLOGY ROUGH-IN, WALL PHONE
	TV ANTENNA OUTLET ROUGH-IN
	MULTI OUTLET SYSTEM
	ELECTRICAL WIREWAY w/ DEVICES SHOWN
	ENERGY METER
	DIGITAL POWER METER
	IMPULSE-TOTALIZING DEMAND
	EXTERNAL ENERGY METER
	POWER QUALITY METER
	CONTROL POWER CABINET
	EMERGENCY STOP, N.C. CONTACT
	EMERGENCY STOP, N.O. CONTACT
	LAMP ANNUNCIATOR
	MOMENTARY PUSHBUTTON OPERATOR
	PANELBOARD - RECESS MOUNT
	PANELBOARD - SURFACE MOUNT
	MANUAL SWITCH / STARTER / COMBINATION STARTER / CIRCUIT BREAKER. REFER TO DISC/STA SCHEDULE
	REMOTE ANNUNCIATOR STATION
	INTEGRATED POWER CENTER
	TRANSFORMER. REFER TO TRANSFORMER SCHEDULE
	PACKAGED POWER CENTER
	CIRCUIT BREAKER - SURFACE MOUNTED. REFER TO DISC/STA SCHEDULE
	CIRCUIT BREAKER - FLUSH MOUNTED. REFER TO DISC/STA SCHEDULE
	DISCONNECT. REFER TO DISC/STA SCHEDULE
	MOBILE DIAGNOSTICS SERVICE DISCONNECT. REFER TO DISC/STA SCHEDULE

ELECTRICAL SYMBOL LIST	
SYMBOL:	DESCRIPTION:
	LINEAR LUMINAIRES
	TROFFER
	WALL SCONCE LUMINAIRE
	DOWNLIGHT LUMINAIRE
	AIMABLE OR WALL WASH LUMINAIRE
	INDUSTRIAL LUMINAIRE
	WALL BRACKET LUMINAIRE
	POLE MOUNTED LUMINAIRE
	SINGLE FACE EXIT SIGN
	DOUBLE FACE EXIT SIGN
	WALL/CEILING EMERGENCY EXIT SIGN
	EMERGENCY UNIT

LUMINAIRE SYMBOL KEY	
SYMBOL:	DESCRIPTION:
	NORMAL BRANCH LUMINAIRE
	CRITICAL BRANCH LUMINAIRE
	EMERGENCY (LIFE SAFETY) BRANCH LUMINAIRE [UNSWITCHED FOR NIGHT LIGHT, UNLESS NOTED 'SE']

LUMINAIRE KEY:
F1 = FIXTURE TAG
1 = CIRCUIT NUMBER
a = SWITCH DESIGNATION
NL = SUBSCRIPT (IF APPLICABLE)
Z = ZONE DESIGNATION
*IF LABEL IS ORIENTED HORIZONTALLY A SLASH WILL SEPARATE THIS INFORMATION. EX: F1 / 1 / a / NL

DEVICE KEY:
A = MOUNTING (IF APPLICABLE)
1 = CIRCUIT NUMBER

*IF LABEL IS ORIENTED HORIZONTALLY A SLASH WILL SEPARATE THIS INFORMATION. EX: A / 1
ELECTRICAL MOUNTING SUBSCRIPT KEY:
A MOUNT AT 4" TO CENTERLINE ABOVE COUNTER OR BACKSPASH
C MOUNT AT CEILING
H MOUNT ORIENTED HORIZONTALLY
L MOUNT IN CASEWORK
M MOUNT IN MODULAR FURNITURE
R MOUNT IN SURFACE RACEWAY
EWC ELECTRIC WATER COOLER

ELECTRICAL SYMBOL LIST	
SYMBOL:	DESCRIPTION:
	SWITCH - SINGLE POLE
	SWITCH - LOCAL TIMER - SPRING WOUND
	WATTSTOPPER DIGITAL TIME SWITCH: TS-400
	SWITCH - DOOR JAMB
	SWITCH - EMERGENCY
	SWITCH - EXPLOSION PROOF
	SWITCH - SINGLE POLE - KEY LOCK
	SWITCH - LIGHTED HANDLE
	SWITCH - MOMENTARY CONTACT
	SWITCH - WEATHERPROOF
	SWITCH - TWO POLE
	SWITCH - TWO POLE - KEY LOCK
	SWITCH - THREE WAY
	SWITCH - THREE WAY - EMERGENCY
	SWITCH - THREE WAY - KEY LOCK
	SWITCH - FOUR WAY
	SWITCH - FOUR WAY - EMERGENCY
	SWITCH - FOUR WAY - KEY LOCK
	SWITCH - THREE POSITION-CENTER OFF
	COMBINATION SWITCH AND RECEPTACLE
	DIMMER - 600 WATT
	DIMMER - 600 WATT - 3 WAY
	DIMMER - 1000 WATT - 3 WAY
	DIMMER - 1500 WATT - 3 WAY
	DIMMER - 2000 WATT - 3 WAY
	DIMMER - LED - 3-WAY
	DIMMING LINE VOLTAGE WALL OCCUPANCY SENSOR: DSW-311
	WATTSTOPPER DIGITAL LIGHTING MANAGEMENT ROOM CONTROLLER. # - REFERS TO NUNOT OPERATIONAL DEVICES AND 'D' REFERS TO 0-10V DIMMING CONTROLLER
	DAYLIGHT LEVEL SENSOR
	DAYLIGHT LEVEL SENSOR - 3 ZONE
	DAYLIGHT LEVEL SENSOR - 1 ZONE DIMMING
	DAYLIGHT LEVEL SENSOR - 3 ZONE DIMMING
	WATTSTOPPER DLM SYSTEM PHOTO CELL: LMS-500
	WATTSTOPPER DUAL TECHNOLOGY CEILING OCCUPANCY SENSOR WITH POWER PACK: LMDC-100
	OCCUPANCY SENSOR - DUAL TECHNOLOGY - WALL MOUNTED
	WATTSTOPPER DUAL TECHNOLOGY LINE VOLTAGE WALL OCCUPANCY SENSOR: DSW-301
	SWITCH - OCCUPANCY SENSOR AND DUAL SWITCH - DUAL TECHNOLOGY
	OCCUPANCY SENSOR - PASSIVE INFRARED 360 DEGREE COVERAGE
	OCCUPANCY SENSOR - PASSIVE INFRARED - WALL MOUNTED
	OCCUPANCY SENSOR - ULTRASONIC 360 DEGREE COVERAGE
	OCCUPANCY SENSOR - ULTRASONIC 35X30° HAND MOTION COVERAGE
	OCCUPANCY SENSOR - ULTRASONIC TWO SIDED CORRIDOR COVERAGE
	OCCUPANCY SENSOR - ULTRASONIC - WALL MOUNTED
	WALL CONTROL STATION
	TIME SWITCH
	WATTSTOPPER DIGITAL LIGHTING MANAGEMENT CONTROL STATION KEYPAD WITH PROGRAMMABLE FUNCTION BUTTONS. # INDICATES NUMBER OF SWITCHES.
	ZZ INDICATES TYPE: SX: BUTTON PAD - X NUMBER OF BUTTONS. D1: ONE BUTTON DIMMING ROCKER SWITCH.
	CENTRAL CONTROL - STATION
	LIGHTING CONTROL PANEL
	LIGHTING CONTROL LCD STATION
	NURSE CALL LIGHTING CONTROLLER
	AUTOMATIC LOAD CONTROL RELAY - WATT STOPPER EMERGENCY LIGHTING CONTROL UNIT. UPON LOSS OF NORMAL POWER, EMERGENCY LIGHTING SHALL BE BROUGHT TO FULL BRIGHTNESS REGARDLESS OF SWITCH POSITION. PROVIDE ALL LOW VOLTAGE CABLING AS REQUIRED. ELCU-200
	BRANCH CIRCUIT EMERGENCY LIGHTING TRANSFER SWITCH 20A

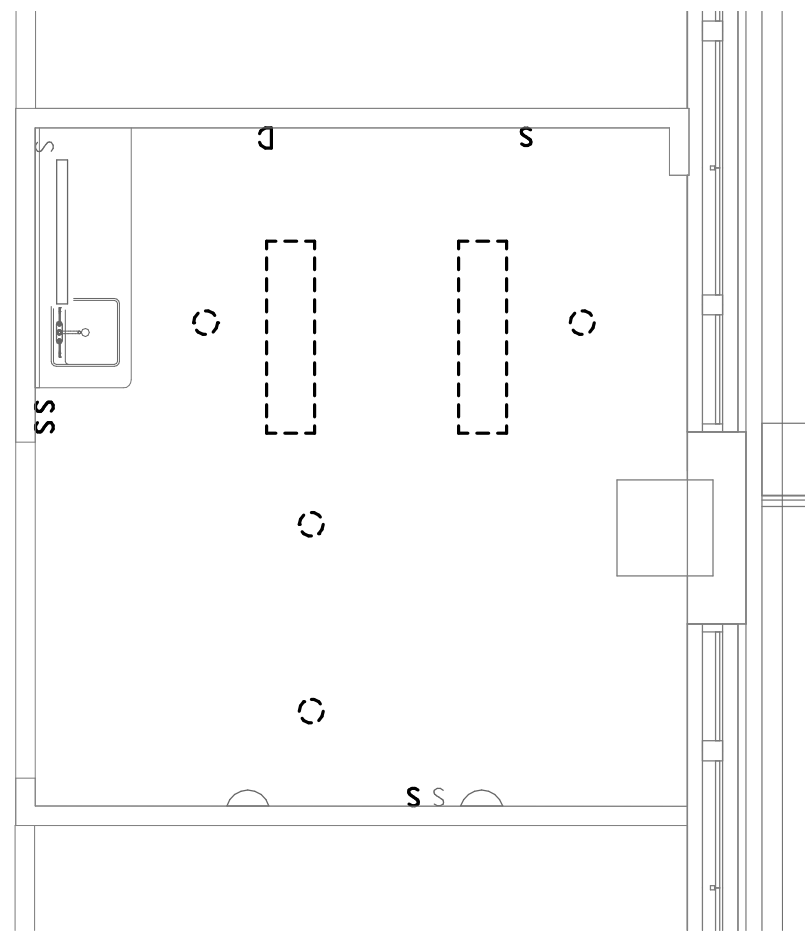
ELECTRICAL SYMBOL LIST			
SYMBOL:	TAG:	SPEC SECTION:	DESCRIPTION:
	FA-P#	28 31 00	FIRE ALARM CONTROL PANEL
	FA-110	28 31 00	FIRE FIGHTERS PHONE
	FA-120	28 31 00	FIRE ALARM SMOKE DETECTOR - CEILING MOUNTED
	FA-121	28 31 00	FIRE ALARM PROJECTED BEAM SMOKE DETECTOR
	FA-122	28 31 00	FIRE ALARM DUCT SMOKE DETECTOR
	FA-123	28 31 00	FIRE ALARM IN DUCT SMOKE DETECTOR
	FA-130	28 31 00	FIRE ALARM MANUAL PULL STATION
	FA-131	28 31 00	FIRE ALARM MANUAL PULL STATION W/ COVER
	FA-140	28 31 00	FIRE ALARM HEAT DETECTOR
	FA-141	28 31 00	HEAT DETECTOR - 200 DEGREE
	FA-142	28 31 00	HEAT DETECTOR - EXPLOSION PROOF
	FA-150	28 31 00	FIRE ALARM CARBON MONOXIDE/HEAT/SMOKE DETECTOR
	FA-151	28 31 00	FIRE ALARM FLAME DETECTOR
	FA-160	28 31 00	FIRE ALARM ADDRESSABLE MONITOR MODULE
	FA-161	28 31 00	FIRE ALARM RELAY
	FA-170	28 31 00	SMOKE DETECTOR - STAND ALONE
	FA-171	28 31 00	SMOKE DETECTOR - STAND ALONE 177 CANDELA
	FA-200	28 31 00	FIRE ALARM VISUAL NOTIFICATION DEVICE - WALL MOUNTED
	FA-201	28 31 00	FIRE ALARM VISUAL NOTIFICATION DEVICE - CEILING MOUNTED
	FA-202	28 31 00	EMERGENCY NOTIFICATION - VISUAL - WALL MOUNTED
	FA-203	28 31 00	FIRE ALARM VISUAL NOTIFICATION DEVICE - WALL MOUNTED - WEATHERPROOF
	FA-210	28 31 00	FIRE ALARM AUDIO NOTIFICATION DEVICE - WALL MOUNTED
	FA-211	28 31 00	FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE - WALL MOUNTED
	FA-212	28 31 00	FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE - WALL MOUNTED - WEATHERPROOF
	FA-220	28 31 00	EMERGENCY NOTIFICATION - AUDIO/VISUAL - WALL MOUNTED
	FA-221	28 31 00	EMERGENCY NOTIFICATION - AUDIO/VISUAL - CEILING MOUNTED
	FA-222	28 31 00	EMERGENCY NOTIFICATION - VISUAL ONLY - CEILING MOUNTED
	FA-230	28 31 00	FIRE ALARM AUDIO NOTIFICATION DEVICE - CEILING MOUNTED
	FA-231	28 31 00	FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE - CEILING MOUNTED
	FA-232	28 31 00	FIRE ALARM CM LOUD SPEAKER
	FA-233	28 31 00	FIRE ALARM AUDIO NOTIFICATION DEVICE - WALL MOUNTED - MINI-HORN
	FA-242	28 31 00	FIRE ALARM REMOTE INDICATOR AND TEST SWITCH
	FA-241	28 31 00	FIRE ALARM REMOTE INDICATOR
	FA-250	28 31 00	FIRE ALARM SMOKE DAMPER
	FA-251	28 31 00	SMOKE OR FIRE DAMPER CONTROLLER
	FA-252	28 31 00	FIRE ALARM HOISTWAY DAMPER
	FA-253	28 31 00	FIRE ALARM HOISTWAY DAMPER SWITCH
	FA-254	28 31 00	FIRE ALARM SMOKE DAMPER WITH DUCT DETECTOR AND ADDRESSABLE RELAY
	FA-260	28 31 00	FIRE ALARM FLOW SWITCH TO MONITOR FIRE PROTECTION SYSTEM
	FA-261	28 31 00	FIRE ALARM MONITOR SWITCH TO MONITOR FIRE PROTECTION SYSTEM
	FA-262	28 31 00	FIRE ALARM POST INDICATOR VALVE CONNECTION
	FA-263	28 31 00	FIRE ALARM ELECTRONIC BELL FOR SPRINKLER SYSTEM
	FA-270	28 31 00	FIRE ALARM ELECTROMAGNETIC DOOR HOLD DEVICE
	FA-272	28 31 00	FIRE ALARM HOLD OPEN OVERRIDE CONNECTION
	FA-280	28 31 00	ISOLATION MODULE
	DB	ARCH	DOOR BELL
	HD	ARCH	HAND DRYER
	PP	ARCH	PUSH PAD
			WIRELESS ACCESS POINT

AV SYMBOL LIST			
SYMBOL:	EQUIPMENT LIST ABBREVIATION:	DESCRIPTION:	NOTE:
	MM-MS-C	MASS NOTIFICATION SPEAKER (CEILING)	
	N/A	SECURITY CREDENTIAL READER (WALL) EXISTING	
	AC-LD-W	SECURITY DOOR LOCKDOWN DEVICE (WALL)	
	AC-DR-S	SECURITY DURESS/PANIC BUTTON (SURFACE)	
	VS-QAM-W	CLOSED CIRCUIT TELEVISION (CCTV) CAMERA (WALL)	
	VS-QAM-C	CLOSED CIRCUIT TELEVISION (CCTV) CAMERA (CEILING)	
		DATA OUTLET WITH 3/4" CONDUIT INTO ACCESSIBLE CEILING SPACE	
		TELEPHONE/DATA OUTLET WITH 3/4" CONDUIT INTO ACCESSIBLE CEILING SPACE	

GENERAL NOTES

(THESE NOTES APPLY TO ALL ELECTRICAL SHEETS)

- A MAXIMUM OF SIX(6) CURRENT - CARRYING WIRES SHALL BE INSTALLED IN ANY ONE(1) CONDUIT. ALL BRANCH CIRCUITS EXCEPT MOTOR CIRCUITS SHALL BE INSTALLED WITH A DEDICATED NEUTRAL WIRE.
- COORDINATE ALL WORK WITH OTHER TRADES. OFFSET PANELS, LIGHTS, RECEPTACLES AND CONDUIT AS REQUIRED. APPROVAL MUST BE OBTAINED FROM ARCHITECT PRIOR TO OFFSETTING ANY DEVICE OR EQUIPMENT.
- CONTRACTOR SHALL COORDINATE ALL SHUT DOWNS WITH OWNER. NO SHUT DOWNS SHALL BE PERFORMED WITHOUT RECEIVING PRIOR APPROVAL FROM OWNER.
- COORDINATE WITH ALL OTHER TRADES AND DISCONNECT OR REMOVE ELECTRICAL WIRING, EQUIPMENT, ETC. TO MAKE SITE SAFE FOR DEMOLITION BY OTHER CONTRACTORS. REFER TO CIVIL PLANS FOR SITE DEMOLITION THAT MAY NOT BE SHOWN ON ELECTRICAL SHEETS.
- CONTRACTOR SHALL COORDINATE ALL PRIMARY VOLTAGE UTILITY WORK WITH OWNER AND ELECTRICAL UTILITY.
- NO CONDUIT OR DEVICES IN FINISHED AREAS SHALL BE SURFACE MOUNTED. CONTRACTOR SHALL RECESS OR CONCEAL CONDUITS AND DEVICES AS REQUIRED. WHERE WALL TRENCHING IS REQUIRED, SAME SHALL BE APPROVED BY ARCHITECT.
- CONTRACTOR SHALL GAIN APPROVAL FROM ARCHITECT PRIOR TO INSTALLING ANY SURFACE MOUNTED DEVICES.
- WHERE FLOOR TRENCHING IS REQUIRED, THE CONTRACTOR SHALL TRENCH TO NEAREST WALL AS REQUIRED. FLOOR SHALL BE PATCHED TO MATCH ADJACENT SURFACES. COORDINATE WITH ARCHITECT FOR ANY TRENCHING REQUIRED.
- ALL LOW-VOLTAGE CABLING SHALL BE PLENUM RATED. THIS IS NOT LIMITED TO, BUT SHOULD INCLUDE: ALL FIRE ALARM CABLING.
- CONTRACTOR SHALL RE-LABEL AND UPDATE SCHEDULES IN ALL EXISTING-TO-REMAIN PANELBOARDS AT THE COMPLETION OF THE PROJECT. PROVIDE NEW TYPED DIRECTORIES FOR EXISTING PANELBOARDS TO REFLECT ALL WORK DONE AS PART OF THIS PROJECT.
- ALL EXISTING CONDUIT AND WIRING BEING CONNECTED TO NEW WORK THAT IS NOT IN COMPLIANCE WITH THE NEC SHALL BE CORRECTED AS REQUIRED.
- AFTER COMPLETION OF NEW WORK, REMOVE ALL TEMPORARY EQUIPMENT, CONDUIT, AND WIRING NOT REQUIRED TO REMAIN.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING ANY WORK.
- ALL EXISTING ITEMS REMOVED DURING DEMOLITION SHALL BE TURNED OVER TO OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MOVING THE ITEMS TO A STORAGE LOCATION AS DETERMINED BY THE OWNER. ANY ITEMS THAT ARE NOT TO BE KEPT BY THE OWNER SHALL BE DISPOSED OF BY THE CONTRACTOR. COORDINATE AS REQUIRED.
- ELECTRICAL SERVICE SHALL BE GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.
- ALL CONDUITS SHALL BE HELD AS HIGH AND AS TIGHT AS POSSIBLE TO THE STRUCTURE SUPPORTING THE FLOOR ABOVE AREA WHERE INSTALLATION OCCURS. COORDINATE WITH OTHER TRADES AS REQUIRED.
- COORDINATE THE ROUTING OF ALL CONDUITS WITH OTHER TRADES. MAKE OFFSETS AS REQUIRED. FURNISH AND INSTALL JUNCTION OR PULL BOXES AS REQUIRED. ROUTING SHOWN ON PLANS IS DIAGRAMMATIC.
- CONTRACTOR SHALL REROUTE, RELOCATE, OR REMOVE ANY CONDUIT, FIXTURES, OR OTHER EXISTING ELECTRICAL DEVICES AS REQUIRED FOR NEW WORK. MAINTAIN AND RESTORE POWER TO ALL EXISTING DEVICES BEING SERVED IN UNDISTURBED AREAS, AND DEVICES THAT ARE SHOWN AS EXISTING TO REMAIN.
- ALL CIRCUITS FROM EXISTING-TO-REMAIN PANELBOARDS THAT HAVE THEIR ENTIRE LOAD REMOVED AND ARE NOT REQUIRED TO BE REUSED TO SERVE NEW LOADS, AS SHOWN ON NEW WORK DRAWINGS, SHALL HAVE THEIR CONDUIT AND WIRE REMOVED BACK TO THEIR PANELBOARD AND THEIR ASSOCIATED BREAKER SHALL BE LABELED AS A SPARE. CONDUIT THAT IS LOCATED IN THE FLOOR SLAB OR ABOVE INACCESSIBLE CEILING SHALL BE ABANDONED IN PLACE; HOWEVER, ALL CONDUCTORS SHALL BE REMOVED.
- DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL DEVICES, LIGHT FIXTURES, ELECTRICAL EQUIPMENT SHOWN DARK AND DASHED ON THE DEMOLITION PLANS. DEVICES SHOWN LIGHT ARE EXISTING TO REMAIN.
- THE CONTRACTOR SHALL VERIFY THE OPERATION OF ALL DEVICES THAT ARE EXISTING TO REMAIN. ALL NON-OPERATIONAL DEVICES SHALL BE CORRECTED OR REPLACED AS REQUIRED. REPLACE ALL DAMAGED AND MISSING COVERPLATES IN AREAS OF NEW WORK AS REQUIRED.
- COORDINATE REMOVAL OF ALL COMMUNICATION WIRING WITH OWNER. ALL ABANDONED COMMUNICATION CABLING SHALL BE REMOVED AS REQUIRED. COORDINATE REMOVAL WITH OWNER.
- ALL CONDUIT, WIRING, DEVICES AND EQUIPMENT TO BE REMOVED MAY NOT BE SHOWN. HOWEVER, ALL ITEMS NOT REQUIRED TO REMAIN SHALL BE REMOVED.
- THE CONTRACTOR SHALL MATCH THE RATINGS AND CHARACTERISTICS OF ALL NEW CIRCUIT BREAKERS BEING FURNISHED TO THOSE OF THE EXISTING BREAKERS IN EXISTING PANELBOARDS.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ELEVATIONS FOR EXACT LOCATION OF LIGHT FIXTURES.
- ALL RECEPTACLES INSTALLED IN BATHROOMS OR WITHIN SIX FEET OF ANY SINK SHALL BE GFI PROTECTED.



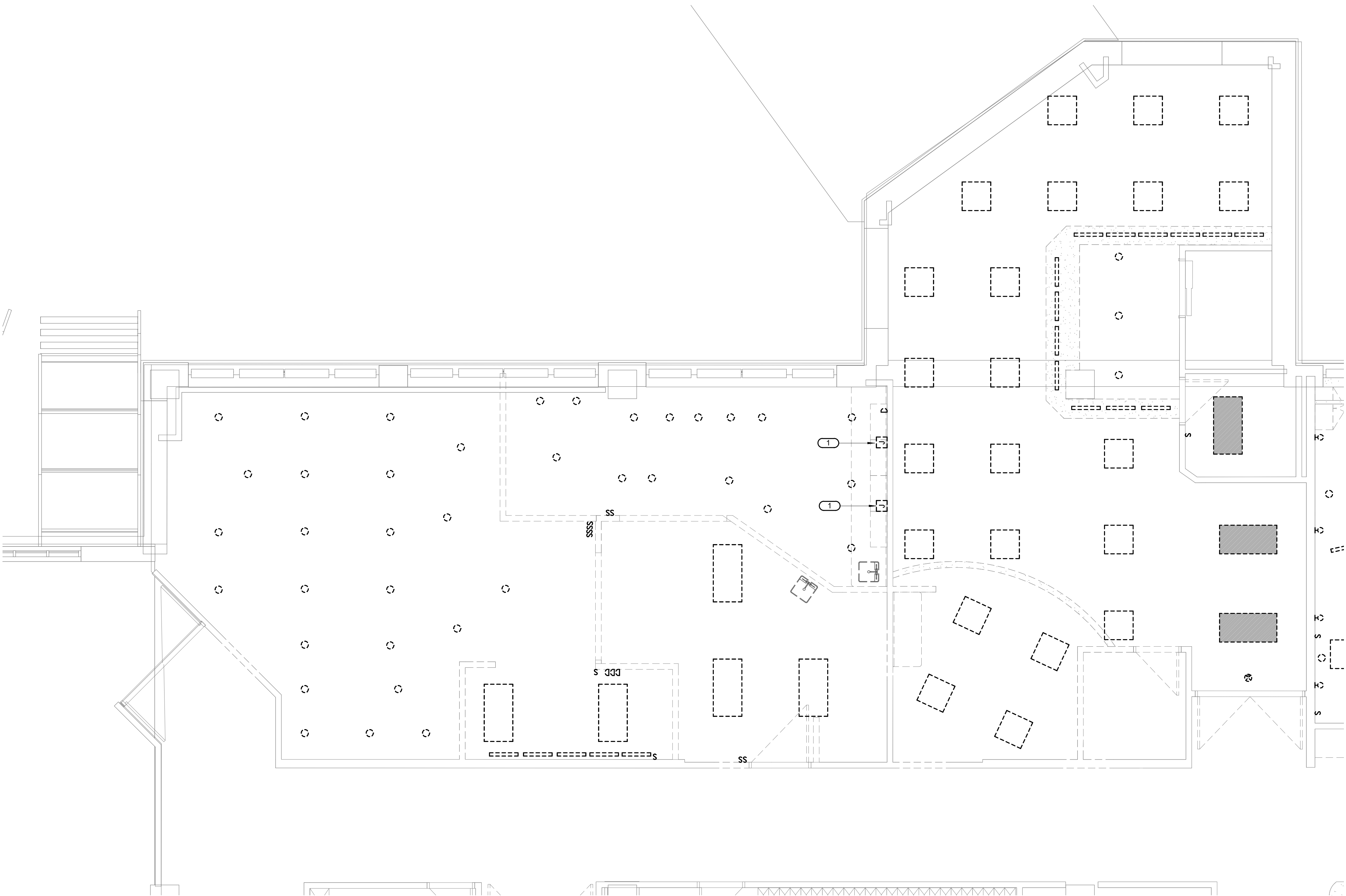
1 SECOND FLOOR DEMO - LIGHTING - ISO
1/4" = 1'-0"

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

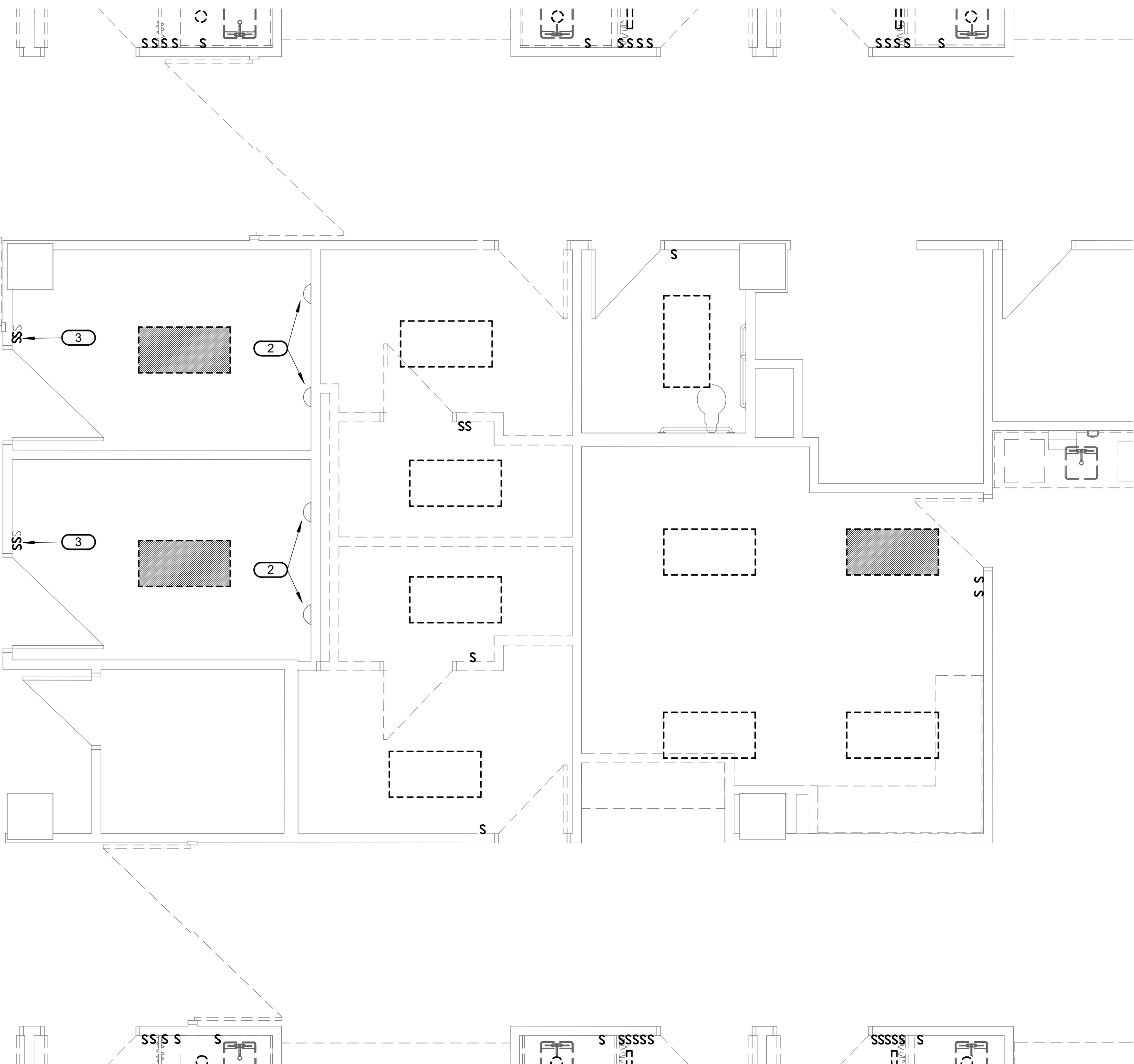
KEYNOTES: (#)
1. DISCONNECT AND REMOVE EXISTING WALL MOUNTED EXAM LIGHT FIXTURES. MAINTAIN EXAM LIGHT FIXTURES FOR RECONNECTION AS SHOWN ON NEW WORK PLAN.
2. REWIRE EXISTING TO REMAIN WALL SCONCE TO ONLY BE CONTROLLED BY WALL SWITCH IN LIEU OF WALL SWITCH AND NURSE CALL PILLOW SPEAKER.
3. DISCONNECT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



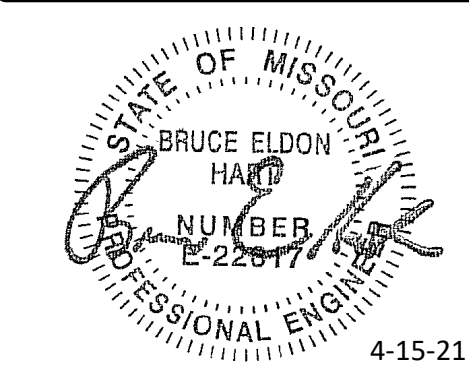
2 SECOND FLOOR DEMOLITION - LIGHTING - SLEEP ROOM
1/4" = 1'-0"



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

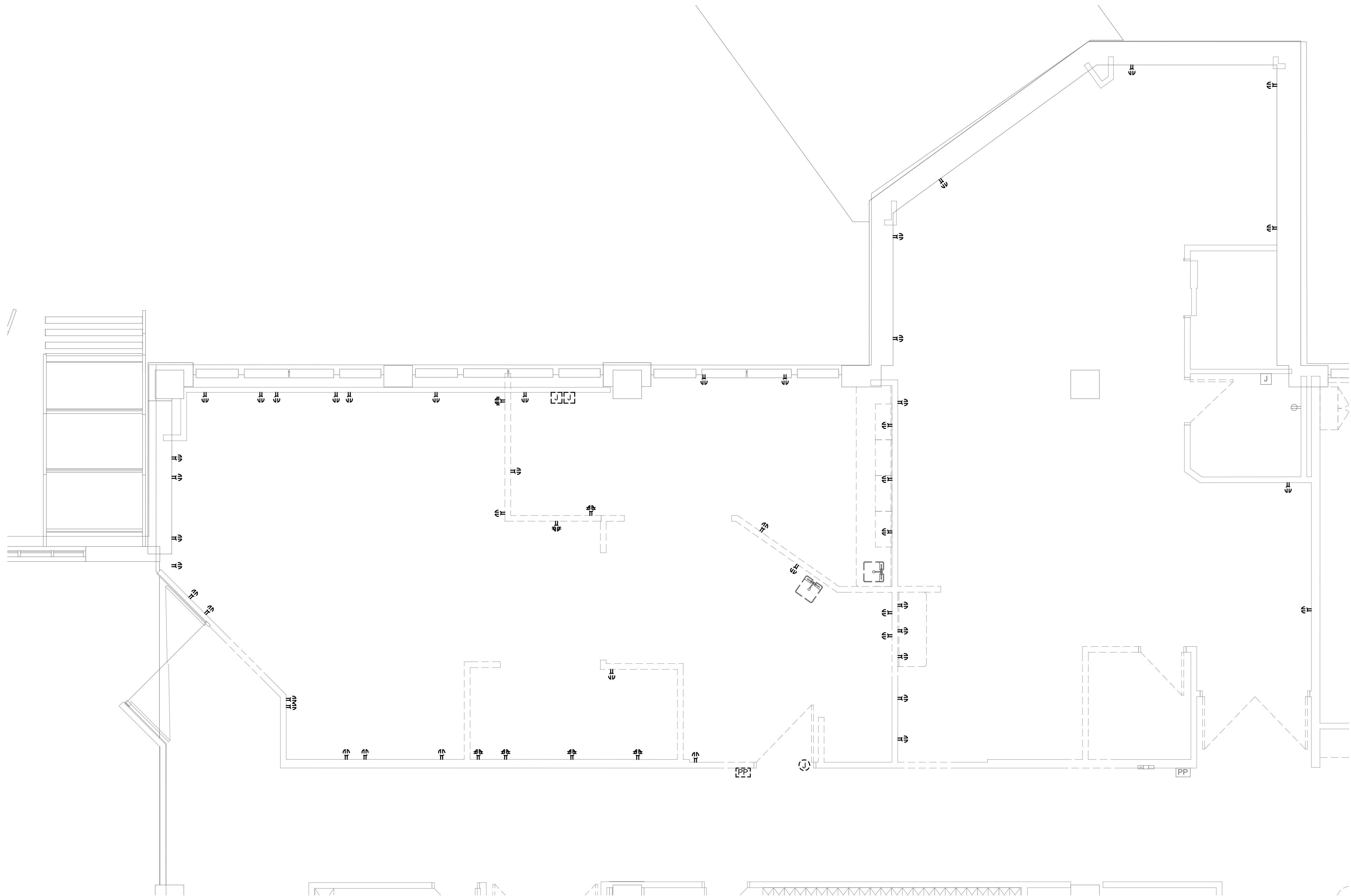
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Job Number 3-21004
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Checked By Checker

Revision
Number Date Description
10 05/13/22 ASI #10

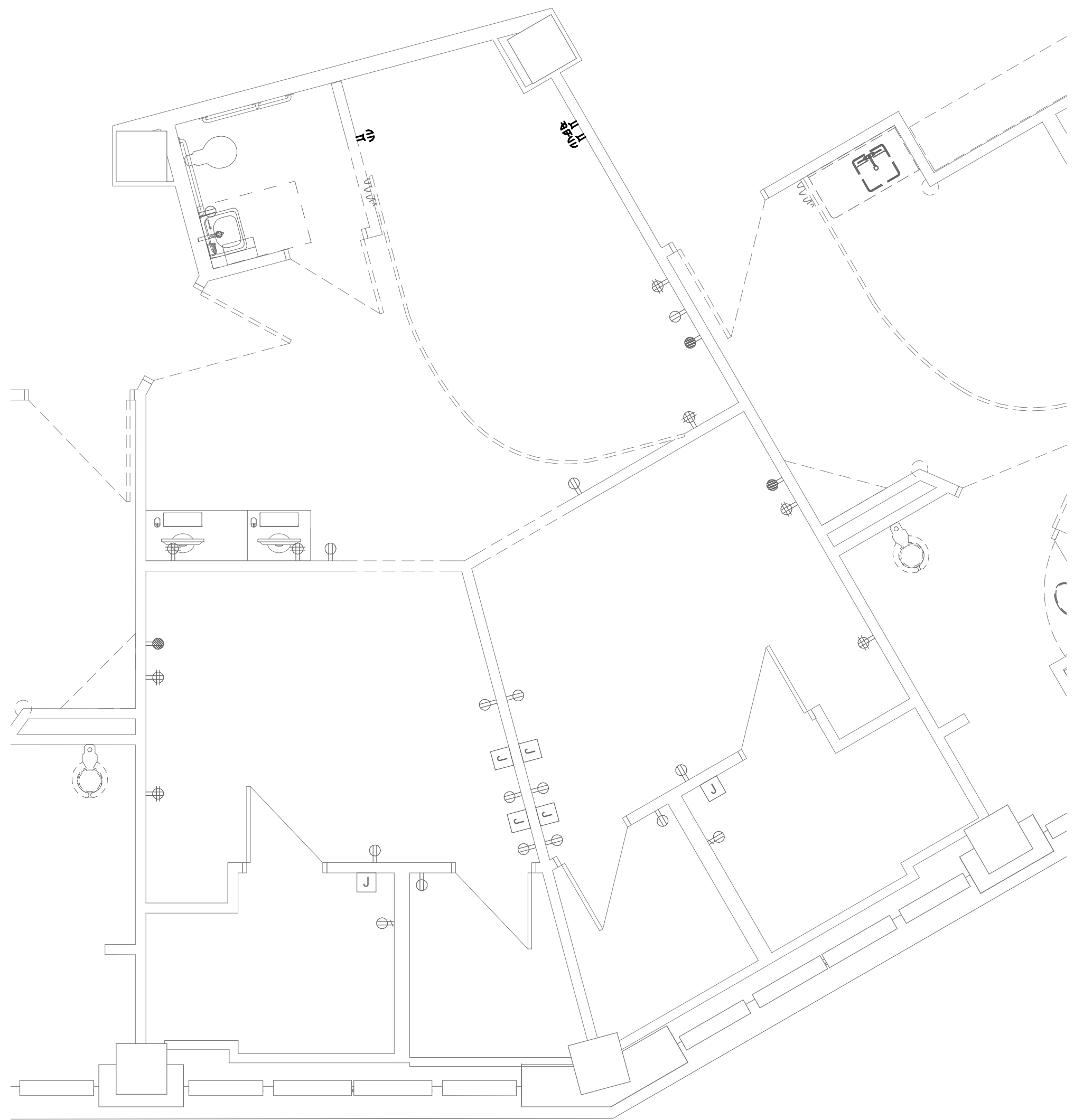
E102.1

SECOND FLOOR DEMOLITION -
LIGHTING - WELL BABY & ISO AREAS

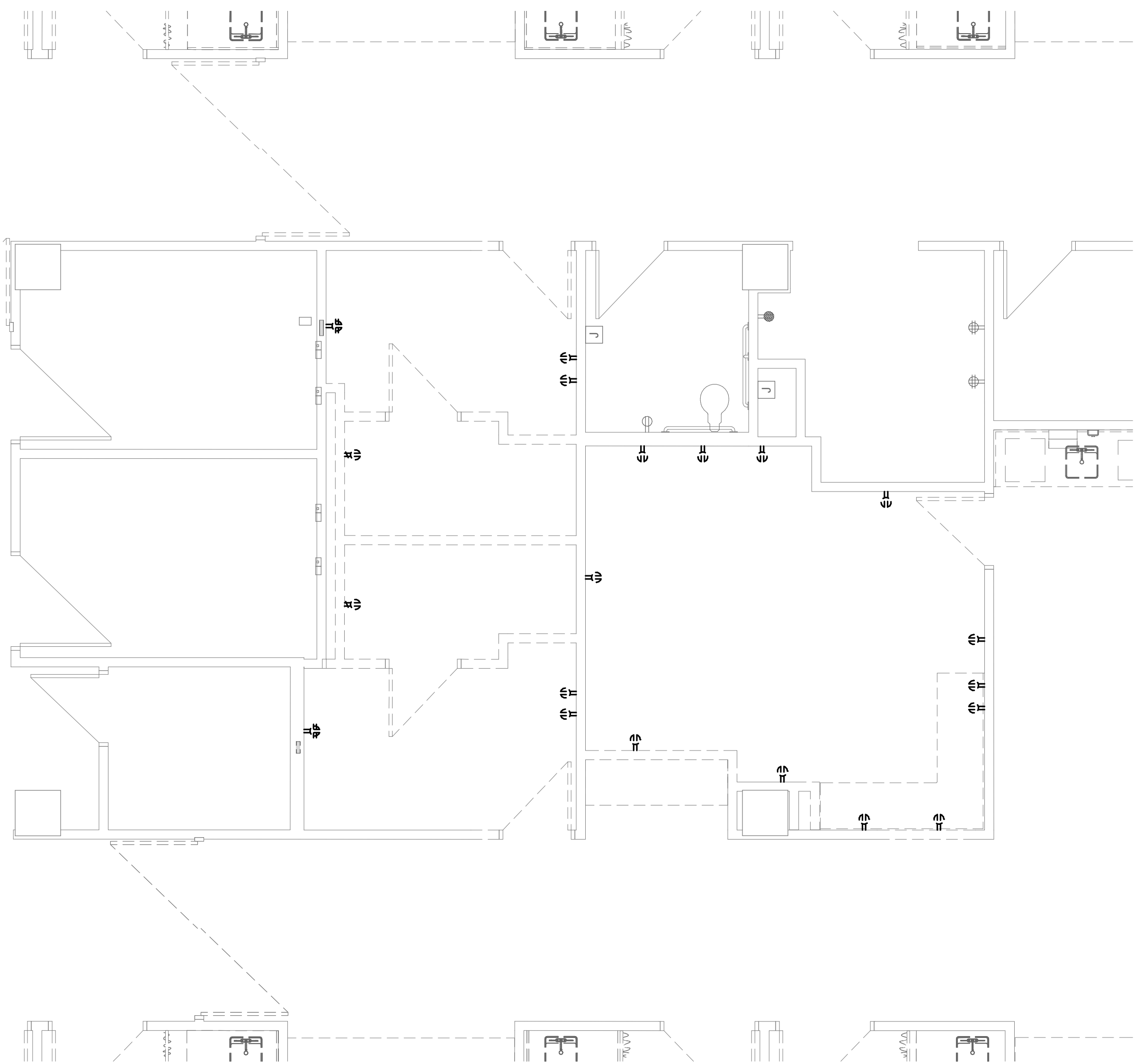
SHEET NOTES:
1. REFER TO GENERAL NOTES ON SHEET E000.



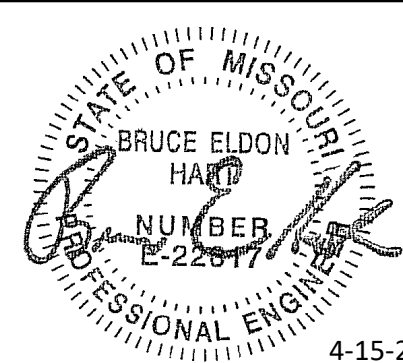
2 SECOND FLOOR DEMOLITION - POWER - WELL BABY
1/4" = 1'-0"



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



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



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

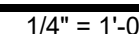
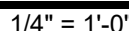
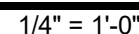
Number	Date	Description
10	05/13/22	ASI #10

E112.1

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SECOND FLOOR DEMOLITION -
POWER - WELL BABY & ISO

SECOND FLOOR - LIGHTING - WELL
BABY & ISO AREAS



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

KEYNOTES: (B)
1. RELOCATE DEVICE. SEE NEW WORK PLAN FOR
LOCATION.
2. RELOCATE DEVICE AS SHOWN.
3. INFANT PROTECTION STATION
4. TV CONTROL SHALL BE TIED INTO NURSE CALL
PILLOW SPEAKER CONTROL.

