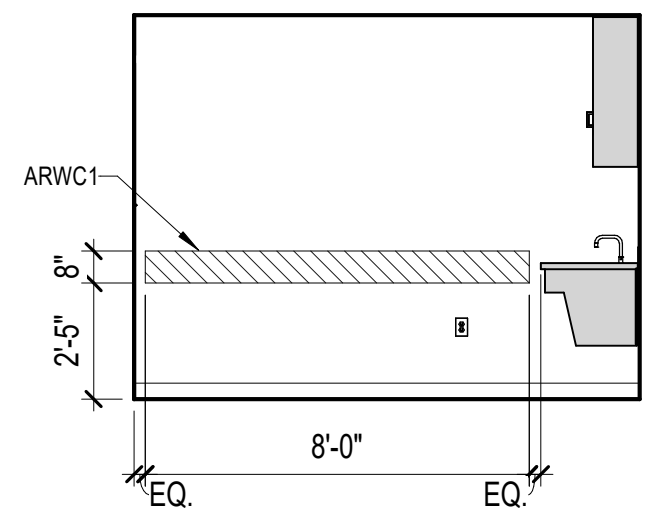


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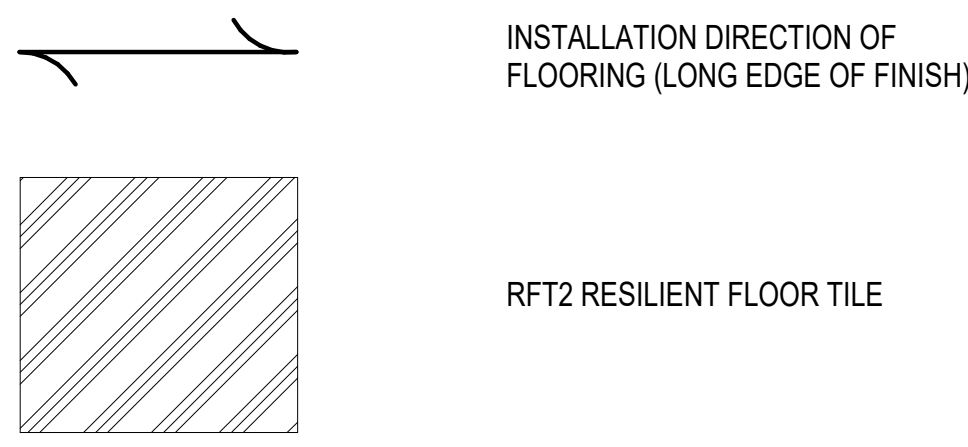


D4 TYP. RUB RAIL
 SCALE: 1/4" = 1'-0"

GENERAL NOTES

A. SEE SHEET IN601 FOR GENERAL FINISH NOTES

LEGEND



GRAPHIC SCALE(S)



EVMS GYNECOLOGY

**HOFHEIMER HALL
 SECOND FLOOR
 RENOVATION**

825 FAIRFAX AVENUE
 NORFOLK, VA 23507

DESIGNER

CLARK NEXSEN

4525 MAIN STREET, SUITE 1400
 VIRGINIA BEACH, VIRGINIA 23462
 757-455-5800

PROFESSIONAL SEAL

SUBMITTAL

03/26/24

FINAL SUBMITTAL

REVISIONS

SHEET

SECOND FLOOR FINISH PLAN

IN101

DESIGN: BLA
 DRAWN: BLA
 REVIEW: SBD

CN 10376

SECOND FLOOR FINISH PLAN
 3/16" = 1'-0"

1

2

3

4

5

GENERAL NOTES

A. SEE SHEET IG601 FOR SIGNAGE DETAILS

LEGEND



GRAPHIC SCALE(S)



EVMS GYNECOLOGY

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SECOND FLOOR
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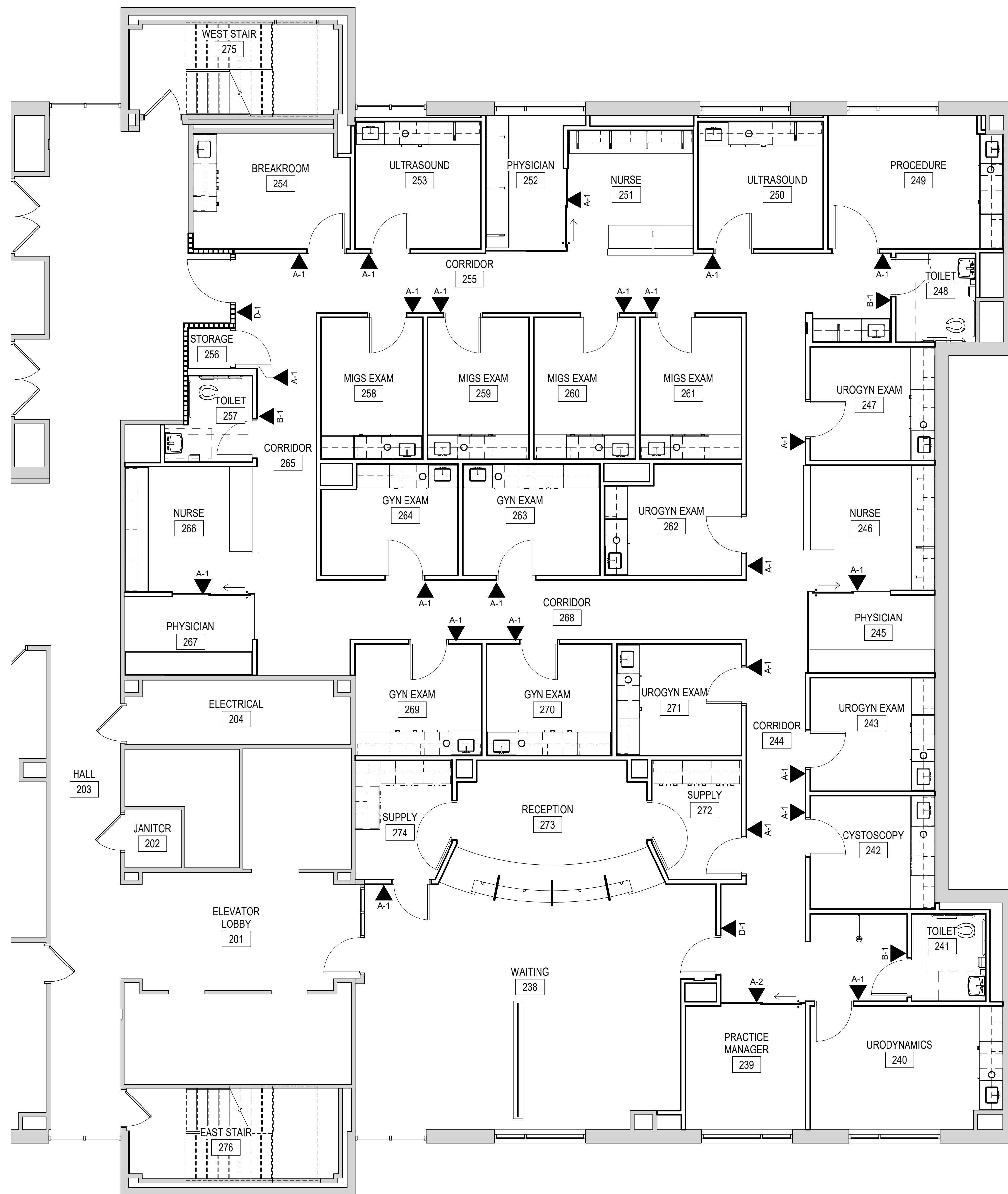
SHEET

**SECOND FLOOR SIGNAGE
PLAN**

IG101

DESIGN: BLA
DRAWN: BLA
REVIEW: SBD

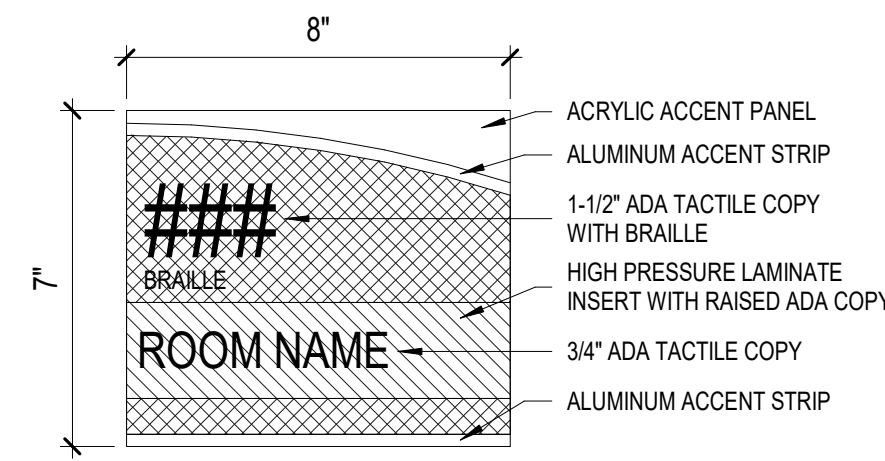
CN 10376



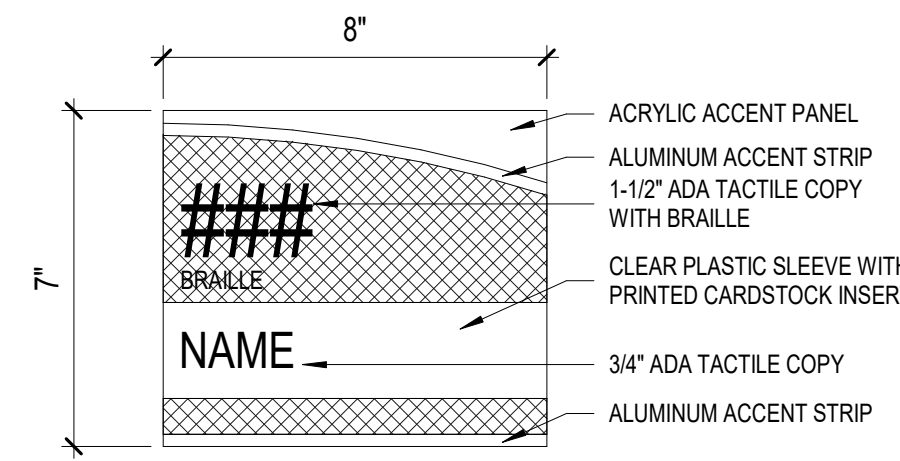
SECOND FLOOR SIGNAGE PLAN



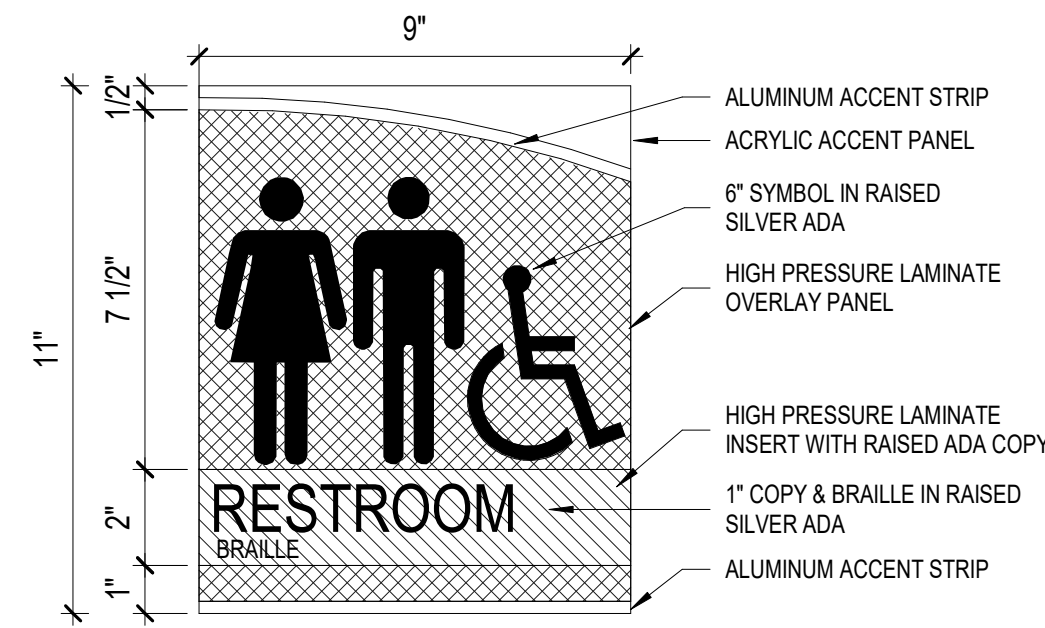
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930



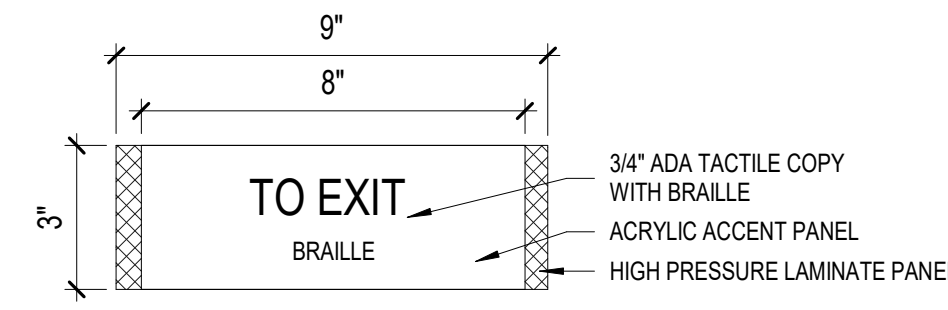
A-1
TYPICAL ROOM SIGN



A-2
TYPICAL ROOM SIGN WITH INSERT



B-1
RESTROOM SIGN



D-1
EXIT SIGN

GENERAL NOTES

- A. ITEMS INDICATED ARE THE APPROVED BASIS OF DESIGN TO CONVEY COLOR, PATTERN, TEXTURE, AND SALIENT CHARACTERISTICS. EQUIVALENT PRODUCTS WILL BE CONSIDERED AND MUST BE REVIEWED AND APPROVED BY THE ARCHITECT.
- B. PROVIDE BLACK VINYL BACKERS FOR SIGNAGE THAT IS INSTALLED ON GLASS PARTITIONS. WHERE GLASS FILM (DF1) ARE USED PROVIDE BACKER THAT BLENDS/MATCHES WITH FILM.
- C. CONTRACTOR IS RESPONSIBLE FOR SITE VERIFICATION OF CONDITIONS AND DIMENSIONS PRIOR TO THE FABRICATION AND INSTALLATION OF ITEMS DESCRIBED ON THE PLANS AND DETAILS. PROVIDE ALL HARDWARE ITEMS AS REQUIRED BY THE MANUFACTURER FOR A COMPLETE INSTALLATION.
- D. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE INSTALLATION, VARIANCES MUST BE REPORTED TO THE ARCHITECT AND OWNER PRIOR TO PROCEEDING WITH THE WORK.
- E. CONTRACTOR MUST GENERATE SIGNAGE SCHEDULE AND COORDINATE FINAL TEXT COPY WITH OWNER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION.
- F. WORK MUST CONFORM TO ALL APPLICABLE CODES AND REGULATIONS INCLUDING CONFORMANCE TO ADA STANDARDS.
- G. PROVIDE INTERCHANGEABLE INSERTS FOR ALL SIGNAGE WITH ROOM DESCRIPTIONS. INSERTS SHOULD BE EASILY INTERCHANGEABLE WITH TAMPER RESISTANT FUNCTIONALITY.
- H. REFER TO SHEET IG101 FOR SIGNAGE LOCATIONS.
- I. SUBMIT COMPLETE SIGNAGE MOCKUP OF TYPICAL SIGN TO ARCHITECT FOR APPROVAL.
- J. SIGNAGE FINISHES:
 - a. TOP ACRYLIC ACCENT PANEL: P99 3/8" ACRYLIC TO MATCH SHERWIN WILLIAMS, "AMALFI" #SW6783
 - b. LAMINATE OVERLAY: FORMICA, "GRAPHITE VEIL"
 - c. LAMINATE INSERT: FORMICA, "ASHWOOD BEIGE"
 - d. PICTOGRAM: RAISED SILVER ADA
 - e. TEXT: RAISED SILVER ADA
 - f. INSERT SLEEVE: CLEAR ACRYLIC SLEEVE
 - g. CARDSTOCK: PROVIDE BRIGHT WHITE CARDSTOCK WITH BLACK TEXT
 - h. BACK PANEL: 1/4" BLACK ACRYLIC

EVMS GYNECOLOGY

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REVISIONS

SHEET

SIGNAGE DETAILS

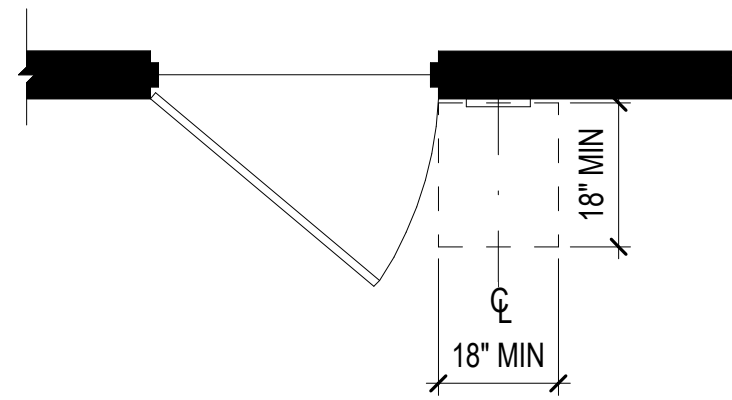
IG601

DESIGN: BLA
DRAWN: BLA
REVIEW: SBD

CN 10376

D1 SINGAGE TYPES

SCALE: 3" = 1'-0"

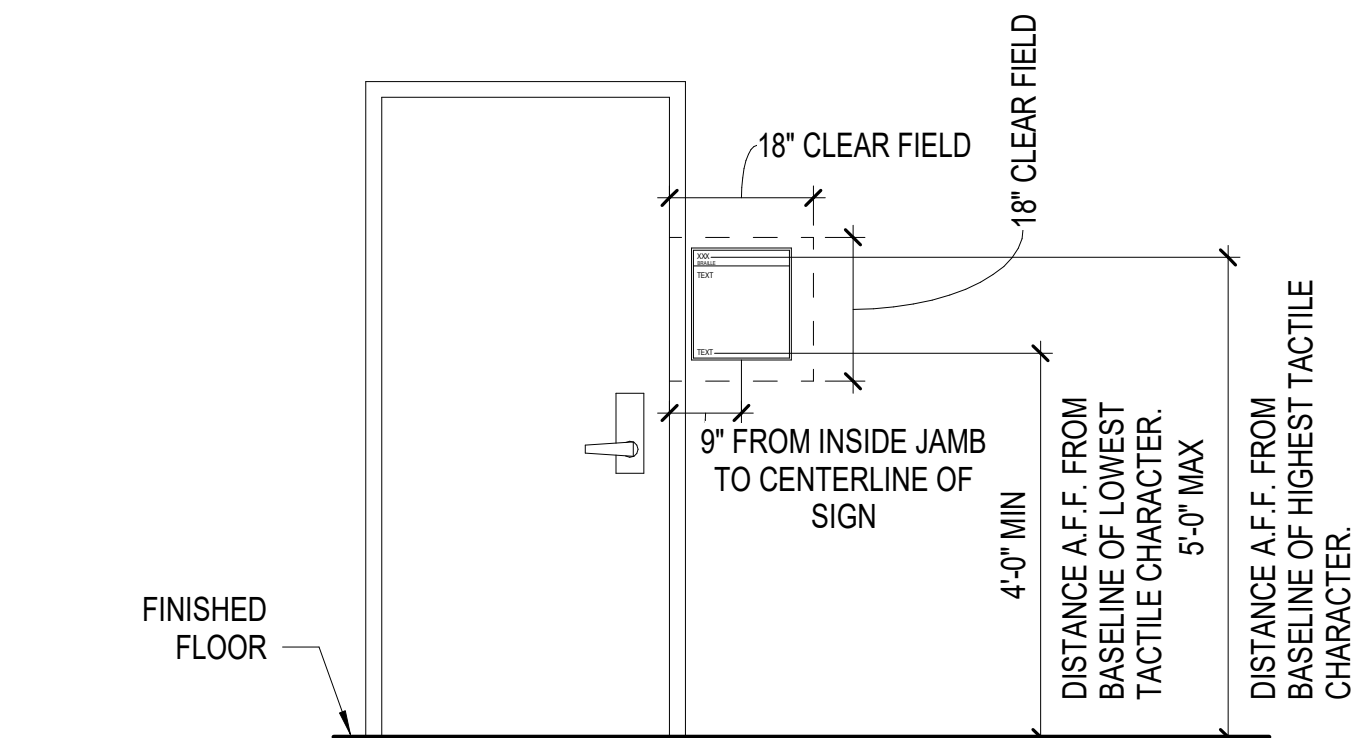


SIGNS CONTAINING TACTILE CHARACTERS SHALL HAVE AN 18" MINIMUM BY 18" MINIMUM SPACE ON THE FLOOR OR GROUND, CENTERED ON THE SIGN, BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN PANEL. SIGN SHALL BE LOCATED TO THE RIGHT SIDE OF THE DOOR FRAME. (INSTALL SIGN ON THE NEAREST ADJACENT WALL IF 18" MIN. OF CLEAR SPACE IS NOT AVAILABLE.) FOR LOCATIONS WITHOUT AVAILABLE WALL SPACE CENTER SIGN ON DOOR.

FOR SIGNS SHOWN ON PLANS THAT ARE NOT ASSOCIATED WITH A DOOR LOCATION, CLEAR SPACE BELOW THE SIGN MUST STILL BE MAINTAINED.

C1 TYP. SIGNAGE LOCATIONS

SCALE: 1/2" = 1'-0"

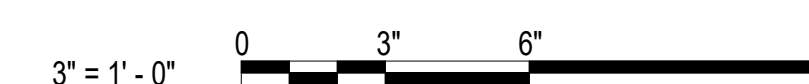


MOUNTING HEIGHT DISTANCES ALSO APPLY FOR SIGNAGE MOUNTED ON DOORS, BESIDE DOUBLE DOORS, OR IN LOCATIONS SHOWN ON PLANS AND NOT ASSOCIATED WITH A DOOR LOCATION.

C2 TYP. SIGNAGE MOUNTING HEIGHTS

SCALE: 1/2" = 1'-0"

GRAPHIC SCALE(S)



FINISH LEGEND								
MATERIAL	DESCRIPTION	MANUFACTURER	STYLE	COLOR	FINISH	SIZE	REMARKS	
APC1	ACOUSTICAL PANEL CEILING	ARMSTRONG	CALLA #2822, TEGULAR	WHITE	-	24" X 24"	GRID: INTERLUDE XL HRC. COLOR: WHITE	
APC2	ACOUSTICAL PANEL CEILING	ARMSTRONG	ULTIMA HEALTH ZONE #1446, BEVELED TEGULAR	WHITE	-	24" X 24"	GRID: INTERLUDE XL HRC. COLOR: WHITE	
ARWC1	ABUSE RESISTANT WALL COVERING	INPRO	PALLADIUM RUB RAIL	DOVE GRAY	-	8'H	SEE DETAIL D4/IN101 FOR TYPICAL MOUNTING HEIGHT AND LENGTH	
CC1	CUBICLE CURTAIN	CARNEGIE	CHIME	#6	-	74"W X 84"L	PROVIDE 18"H WHITE NETTING AT TOP OF CURTAIN	
CG1	CORNER GUARD	INPRO	130 HIGH IMPACT CORNER GUARD	FEATHER	-	3" WING; FULL HEIGHT		
CG2	CORNER GUARD	INPRO	160D HIGH IMPACT END WALL PROTECTOR	FEATHER	-	3" WING; FULL HEIGHT		
CT1	PORCELAIN TILE (FLOOR)	ARCHITESSA	MILLS	SILVER	NATURAL FINISH	12" X 24"	INSTALLATION: 1/3 OFFSET	
CT2	PORCELAIN TILE (WALL)	ARCHITESSA	CLERMONT	ONDUL BLEU	GLOSSY	12" X 24"; FULL HEIGHT	INSTALLATION: MONOLITHIC	
DF1	DECORATIVE FILM	SOLYX	BEACH GRASS	WHITE	-	71" H; FULL WIDTH		
DRP1	DECORATIVE RESIN PANEL	3 FORM	TYPE: VARIA; STYLE: QUEUE	HUDSON	SANDSTONE	GAUGE: 1"	PROVIDE 3FORM VERSA POST AND CLAMP SUPPORTS WHERE INDICATED ON PLAN OR ELEVATION.	
DRP2	DECORATIVE RESIN PANEL	3 FORM	TYPE: CHROMA	COMET	SANDSTONE	GAUGE: 1"	FOR USE IN 3FORM READY SPEC 200.29 PONY WALL ONLY. SEE NEW WORK PLAN ON AE101.	
GR1	GROUT (WALL TILE)	LATICRETE	PERMACOLOR SELECT	LIGHT PEWTER #90	-	-		
GR2	GROUT (FLOOR TILE)	LATICRETE	PERMACOLOR SELECT	PLATINUM #42	-	-		
LWC1	LINEAR WOOD CEILING	9 WOOD	SERIES: 2000; STYLE: 2800 TRUE ACCESS LINEAR	WOOD SPECIES: CHERRY W/ STAIN	DRIFTWOOD STAIN	3 1/4" WIDE PLANKS	REVEAL SKRIM: BLACK	
PL1	PLASTIC LAMINATE	FORMICA	WOOD GRAIN LAMINATE	ASHWOOD BEIGE #5785-58	MATTE	-		
PT1	PAINT (GENERAL)	SHERWIN WILLIAMS	-	NEBULOUS WHITE #7063	-	-		
PT2	PAINT (CEILING)	SHERWIN WILLIAMS	-	CEILING BRIGHT WHITE #7007	-	-		
PT3	PAINT (TRIM)	SHERWIN WILLIAMS	-	PEWTER CAST #7673	-	-		
PT4	PAINT (ACCENT)	SHERWIN WILLIAMS	-	AMALFI #6783	-	-		
PT5	PAINT (ACCENT)	SHERWIN WILLIAMS	-	LIQUID BLUE #6779	-	-		
PT6	PAINT (ACCENT)	SHERWIN WILLIAMS	-	SOLITUDE #6535	-	-		
QTZ1	QUARTZ	CORIAN	-	LONDON ROYAL	POLISHED	-		
RB1	RUBBER BASE	TARKETT	REVEAL MW-XX-F WITH TOE, MILLWORK WALL BASE SYSTE	CHARCOAL	-	4.25" H		
RFT1	RESILIENT FLOOR TILE	PATCRAFT	COLLECTION: WITHIN; STYLE: PURSUE #1633V	NATURAL	-	7.09" X 47.24"		
RFT2	RESILIENT FLOOR TILE	PATCRAFT	COLLECTION: WITHIN; STYLE: SENSE #1634V	STRIDE	-	9" X 36"		
RSF1	RESILIENT SHEET FLOORING	PATCRAFT	COLLECTION: WITHIN; STYLE: SENSE #1624V	STRIDE	-	ROLL: 78.72' W X 68.58'		
RSF2	RESILIENT SHEET FLOORING	PATCRAFT	HOLISTIC SHADES #1690V	BUBBLY	-	ROLL: 78.74' W X 65.62'		
SSM1	SOLID SURFACE MATERIAL	CORIAN	-	RAIN CLOUD	-	-		
SSM2	SOLID SURFACE MATERIAL	CORIAN	-	DOVE GREY	-	-		
WD1	WOOD DOOR	VT INDUSTRIES	SPECIES: CHERRY	STAIN: TO MATCH ARCHITECT'S SAMPLE	-	-		

FINISH SCHEDULE						
NO.	ROOM NAME	FLOOR CODE	BASE CODE	WALLS CODE	CEILING	
					MATERIAL	CODE
SECOND FLOOR						
201	ELEVATOR LOBBY	ETR	ETR	ETR/PT1	-	ETR
202	JANITOR	ETR	ETR	ETR	-	ETR
203	HALL	ETR	ETR	ETR	-	ETR
204	ELECTRICAL	ETR	ETR	ETR	-	ETR
205	VENDING	ETR/RFT2	TME	TME	-	TME
238	WAITING	RFT1/RFT2	RB1	PT1/PT6	ACOUSTICAL PANEL CEILING/ GYPSUM BOARD	APC1/ PT2
239	PRACTICE MANAGER	RFT1	RB1	PT1/PT4	ACOUSTICAL PANEL CEILING	APC1
240	URODYNAMICS	RSF2	RSF2	PT1/PT5	ACOUSTICAL PANEL CEILING	APC2
241	TOILET	CT1	-	CT2	MOISTURE RESISTANT GYPSUM BOARD	PT2
242	CYSTOSCOPY	RSF1	RSF1	PT1/PT6	ACOUSTICAL PANEL CEILING	APC2
243	UROGYN EXAM	RSF1	RSF1	PT1/PT6/ARWC1	ACOUSTICAL PANEL CEILING	APC2
244	CORRIDOR	RFT1	RB1	PT1/PT5	ACOUSTICAL PANEL CEILING/ GYPSUM BOARD	APC1/ PT2
245	PHYSICIAN	RFT2	RB1	PT1/PT4	ACOUSTICAL PANEL CEILING	APC1
246	NURSE	RFT2	RB1	PT1/PT4	ACOUSTICAL PANEL CEILING/ GYPSUM BOARD	APC1/ PT2
247	UROGYN EXAM	RSF1	RSF1	PT1/PT6/ARWC1	ACOUSTICAL PANEL CEILING	APC2
248	TOILET	CT1	-	CT2	MOISTURE RESISTANT GYPSUM BOARD	PT2
249	PROCEDURE	RSF2	RSF2	PT1/PT5	ACOUSTICAL PANEL CEILING	APC2
250	ULTRASOUND	RSF1	RSF1	PT1/PT6/ARWC1	ACOUSTICAL PANEL CEILING	APC2
251	NURSE	RFT2	RB1	PT1/PT4	ACOUSTICAL PANEL CEILING/ GYPSUM BOARD	APC1/ PT2
252	PHYSICIAN	RFT2	RB1	PT1/PT4	ACOUSTICAL PANEL CEILING	APC1
253	ULTRASOUND	RSF1	RSF1	PT1/PT6/ARWC1	ACOUSTICAL PANEL CEILING	APC2
254	BREAKROOM	RFT1	RB1	PT1/PT4	ACOUSTICAL PANEL CEILING	APC1
255	CORRIDOR	RFT1	RB1	PT1/PT5	ACOUSTICAL PANEL CEILING/ GYPSUM BOARD	APC1/PT2
256	STORAGE	RFT1	RB1	PT1	GYPSUM BOARD	PT2
257	TOILET	CT1	-	CT2	MOISTURE RESISTANT GYPSUM BOARD	PT2
258	MIGS EXAM	RSF1	RSF1	PT1/PT6/ARWC1	ACOUSTICAL PANEL CEILING	APC2
259	MIGS EXAM	RSF1	RSF1	PT1/PT6/ARWC1	ACOUSTICAL PANEL CEILING	APC2
260	MIGS EXAM	RSF1	RSF1	PT1/PT6/ARWC1	ACOUSTICAL PANEL CEILING	APC2
261	MIGS EXAM	RSF1	RSF1	PT1/PT6/ARWC1	ACOUSTICAL PANEL CEILING	APC2
262	UROGYN EXAM	RSF1	RSF1	PT1/PT6/ARWC1	ACOUSTICAL PANEL CEILING	APC2
263	GYN EXAM	RSF1	RSF1	PT1/PT6/ARWC1	ACOUSTICAL PANEL CEILING	APC2
264	GYN EXAM	RSF1	RSF1	PT1/PT6/ARWC1	ACOUSTICAL PANEL CEILING	APC2
265	CORRIDOR	RFT1	RB1	PT1/PT5	ACOUSTICAL PANEL CEILING	APC1
266	NURSE	RFT2	RB1	PT1/PT4	ACOUSTICAL PANEL CEILING/ GYPSUM BOARD	APC1/ PT2
267	PHYSICIAN	RFT2	RB1	PT1/PT4	ACOUSTICAL PANEL CEILING	APC1
268	CORRIDOR	RFT1	RB1	PT1/PT5	ACOUSTICAL PANEL CEILING	APC1
269	GYN EXAM	RSF1	RSF1	PT1/PT6/ARWC1	ACOUSTICAL PANEL CEILING	APC2
270	GYN EXAM	RSF1	RSF1	PT1/PT6/ARWC1	ACOUSTICAL PANEL CEILING	APC2
271	UROGYN EXAM	RSF1	RSF1	PT1/PT6/ARWC1	ACOUSTICAL PANEL CEILING	APC2
272	SUPPLY	RFT1	RB1	PT1	ACOUSTICAL PANEL CEILING	APC1
273	RECEPTION	RFT1	RB1	PT1/PT4	ACOUSTICAL PANEL CEILING/ GYPSUM BOARD/ LINEAR WOOD CEILING	APC1/ PT2/ LWC1
274	SUPPLY	RFT1	RB1	PT1	ACOUSTICAL PANEL CEILING	APC1
275	WEST STAIR	ETR	ETR	ETR	-	ETR
276	EAST STAIR	ETR	ETR	ETR	-	ETR

GENERAL NOTES

- A. CONTRACTOR TO DIRECT ANY QUESTIONS RELATED TO THE INTERIOR FINISH CONDITIONS NOTED TO THE PROJECT ARCHITECT.
- B. INSTALL FINISHES PER THE MANUFACTURER'S PUBLISHED GUIDELINES AND UTILIZE MANUFACTURER'S RECOMMENDED PRODUCTS.
- C. WHERE MULTIPLE FINISHES ARE INDICATED, REFER TO FINISH PLAN ON SHEET IN101 FOR ADDITIONAL DETAILS.
- D. PROVIDE ADA COMPLIANT RESILIENT TRANSITION STRIPS AT, RFT TO RSF TRANSITIONS. PROVIDE ADA COMPLIANT CARRARA MARBLE TRANSITION STRIPS AT CT TRANSITIONS. COLORS TO BE SELECTED FROM MANUFACTURER'S FULL RANGE.
- E. TRANSITIONS STRIPS MUST BE CENTERED ON THE CENTER AXIS OF THE CLOSED DOORS. TRANSITION STRIPS MUST NOT BE VISIBLE WHEN THE DOOR IS CLOSED.
- F. PROVIDE GROUTED IN METAL EDGE PROTECTION AT ALL TILE CORNERS AND EXPOSED EDGES.
 - a. FLOOR-TO-WALL TRANSITION: SCHLUTER DILEX-AHK
 - b. VERTICAL INSIDE CORNERS: SCHLUTER DILEX-EHK
 - c. EXPOSED TILE EDGES: SCHLUTER SCHIENE
- G. PROVIDE FLASH COVERED RESILIENT SHEET FLOORING AS SCHEDULED FOR RSF1 AND RSF2. PROVIDE A 4"H INTEGRAL BASE AND MANUFACTURER'S STANDARD ACCESSORIES.
- H. PROVIDE NEW WOOD DOORS, WD1, AS INDICATED ON THE ARCHITECTURAL PLANS. PAINT METAL DOORS FRAMES, PT3 WITH A SEMI-GLOSS FINISH.
- I. PAINT THE UNDERSIDE AND VERTICAL FACE OF SOFFITS PT2 WITH A FLAT FINISH UNLESS OTHERWISE NOTED ON THE REFLECTED CEILING PLAN ON SHEET AE111.
- J. PROVIDE A LEVEL 5 FINISH FOR ALL WALLS & CEILINGS TO RECEIVE ACCENT PAINT.
- K. ALL BASE AND WALL CABINETS TO BE PL1.
- L. ALL COUNTERTOPS TO BE SOLID SURFACE SSM1, UNLESS OTHERWISE NOTED.
- M. PROVIDE FLEXIBLE SEALANT AT ALL LOCATIONS WHERE WALL TILE AND GWB CEILING MEET.
- N. MOUNT CORNER GUARDS 4" AFF, DIRECTLY ABOVE WALL BASE.
- O. FINISHES NOTED AS TME ARE TO MATCH EXISTING.
- P. PROVIDE EPOXY PAINT IN THE FOLLOWING ROOMS:
 - a. TOILETS
 - b. PROCEDURE
 - c. URODYNAMICS

EVMS GYNECOLOGY

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DESIGNER



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PROFESSIONAL SEAL

SUBMITTAL

03/26/24

FINAL SUBMITTAL

REVISIONS

SHEET

FINISH SCHEDULE & LEGEND

IN601

DESIGN: BLA
DRAWN: BLA
REVIEW: SBD

CN 10376

HOFHEIMER HALL SECOND FLOOR RENOVATION

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NORFOLK, VA 23507

DESIGNER

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PROFESSIONAL SEAL

SUBMITTAL

03/26/24

FINAL SUBMITTAL

REVISIONS

SHEET

SECOND FLOOR FURNITURE PLAN

IF101

DESIGN: BLA
DRAWN: BLA
REVIEW: SBD

CN 10376

GENERAL NOTES

A. FURNITURE & EQUIPMENT SHOWN IS TO BE PROCURED BY THE OWNER SEPARATELY FROM THE CONSTRUCTION CONTRACT AND IS SHOWN FOR COORDINATION PURPOSES ONLY.

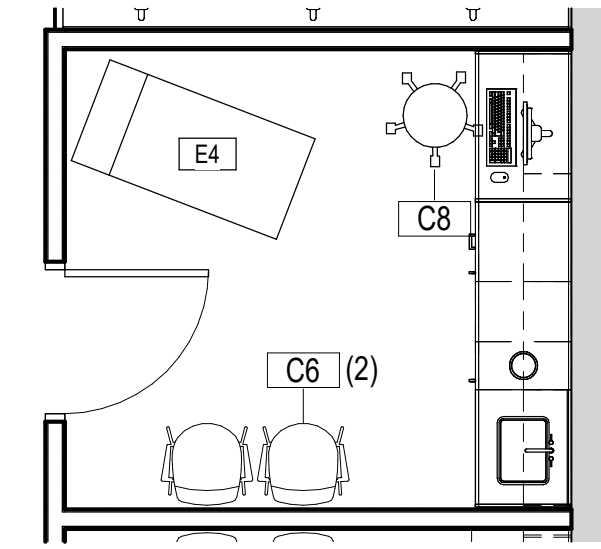
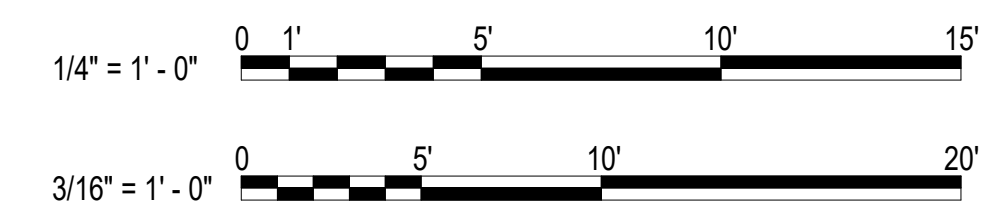
FURNITURE LEGEND

FURNITURE LEGEND	
TAG	DESCRIPTION
C1	TASK CHAIR
C2	WAITING CHAIR - SINGLE
C3	WAITING CHAIR - BARIATRIC
C4	LOUNGE CHAIR
C5	SOFA
C6	GUEST CHAIR
C7	CAFE CHAIR
C8	PHYSICIAN STOOL
D1	L-SHAPED DESK
E4	EXAM TABLE
S1	MOBILE STORAGE PEDESTAL
T1	COFFE TABLE
T2	SIDE TABLE

EQUIPMENT LEGEND

EQUIPMENT LEGEND	
TAG	DESCRIPTION
E1	SCALE
E2	MICROWAVE
E3	ULTRASOUND CART
E4	EXAM TABLE
E5	DESKTOP PRINTER
E6	COPIER/ PRINTER
E7	AUTOCLAVE
E8	PROCEDURE TABLE
E9	REFRIGERATOR

GRAPHIC SCALE(S)



D4 TYPICAL EXAM FURNITURE PLAN
SCALE: 1/4" = 1'-0"



SECOND FLOOR FURNITURE PLAN

3/16" = 1'-0"

FIRE PROTECTION LEGEND

GENERAL

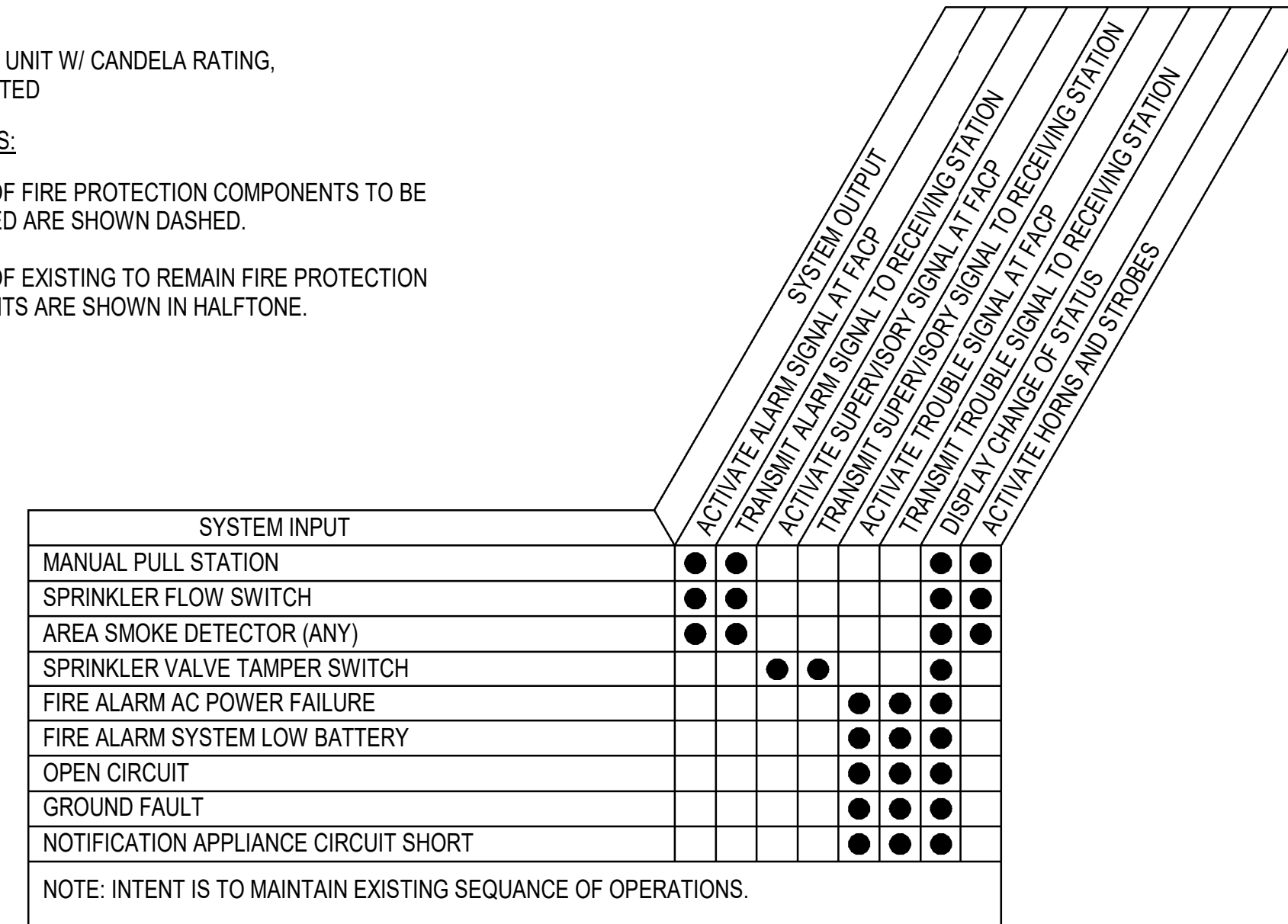
- ◆ DEMOLITION NOTE IDENTIFICATION
- # CONSTRUCTION NOTE IDENTIFICATION
- INDICATES EXISTING ITEM
- INDICATES NEW ITEM
- - - INDICATES ITEM TO BE REMOVED
- ◊ REMOVE TO THIS POINT
- ◊ CONNECT NEW TO EXISTING
- XXX ROOM NUMBER IDENTIFICATION
- AFF ABOVE FINISHED FLOOR
- PIV POST INDICATOR VALVE
- BFP BACK FLOW PREVENTER
- O.C. ON CENTER
- LH LIGHT HAZARD
- OH ORDINARY HAZARD
- FH FIRE HYDRANT
- EP ELECTRICAL POWER (120V AC)
- WP WEATHERPROOF (SUBSCRIPT)
- C CEILING MOUNTED (SUBSCRIPT)
- E EXISTING (SUBSCRIPT)

SPRINKLER

- GATE VALVE WITH TAMPER SWITCH
- CHECK VALVE
- CAPPED PIPE
- RISER DOWN
- RISER UP
- △ SIDE WALL SPRINKLER
- SPRINKLER HEAD, UPRIGHT
- SPRINKLER HEAD, PENDANT
- ◊ NEW TO EXISTING
- ◊ DEMOLISH TO THIS POINT

FIRE ALARM

- FACP FIRE ALARM CONTROL PANEL
 - NAC NOTIFICATION APPLIANCE CIRCUIT PANEL
 - Ⓢ SMOKE DETECTOR, CEILING MOUNTED
 - Ⓣ WATERFLOW SWITCH - PADDLE TYPE
 - CM CONTACT MONITOR MODULE
 - R RELAY
 - TS TAMPER SWITCH
 - 15 V C STROBE UNIT W/ CANDELA RATING, CEILING MOUNTED
 - 15 F C HORN/STROBE UNIT W/ CANDELA RATING, CEILING MOUNTED
- LEGEND NOTES:**
1. SYMBOLS OF FIRE PROTECTION COMPONENTS TO BE DEMOLISHED ARE SHOWN DASHED.
 2. SYMBOLS OF EXISTING TO REMAIN FIRE PROTECTION COMPONENTS ARE SHOWN IN HALFTONE.



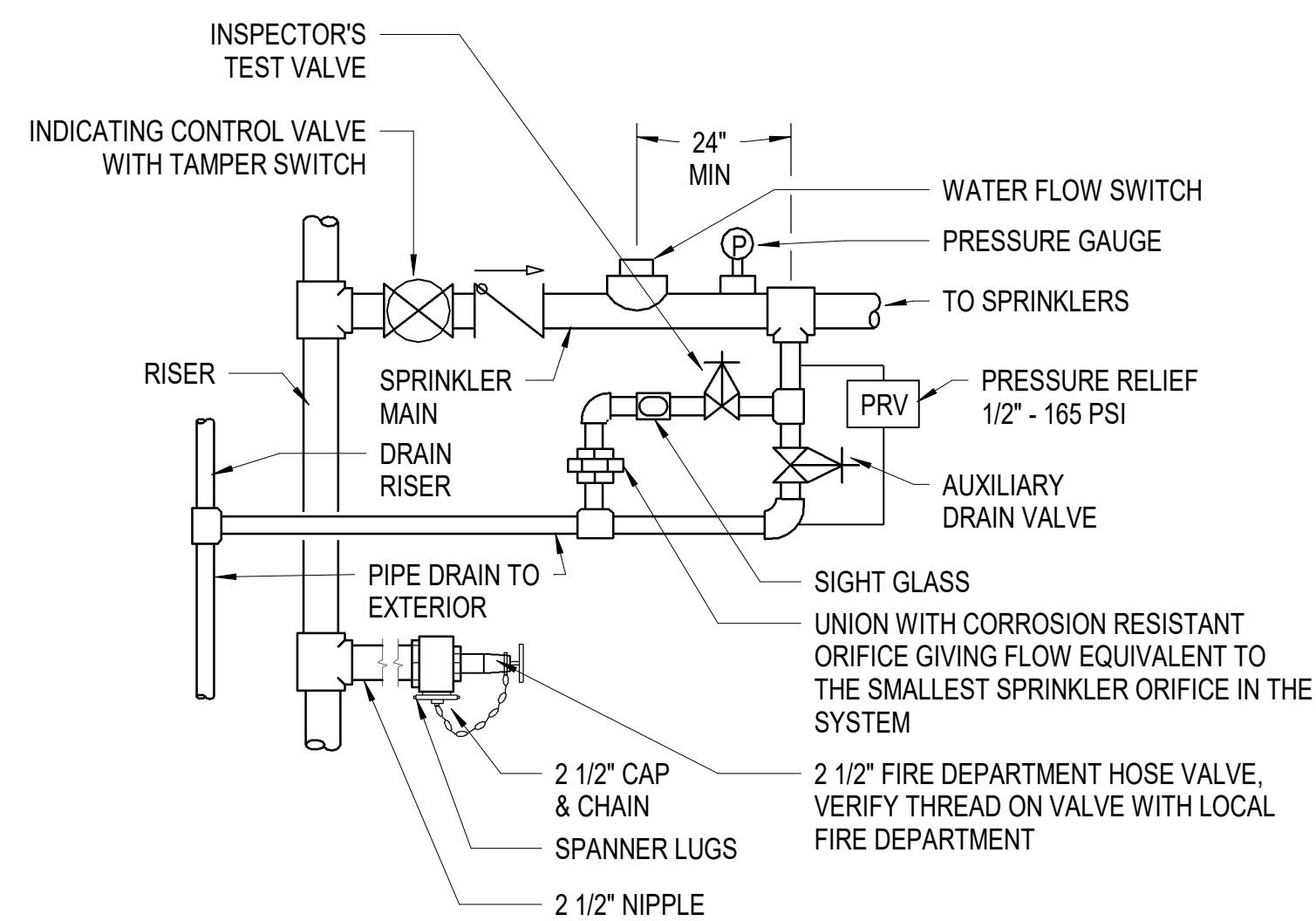
GENERAL NOTES

1. FIRE ALARM SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72 - 2016 EDITION. PROVIDE WIRING AS RECOMMENDED BY MANUFACTURER.
2. COORDINATE FIRE ALARM DEVICES WITH ALL TRADES TO ENSURE PROPER COMPLIANCE WITH CODES AND TO AVOID CONFLICTS.
3. EXISTING SIMPLEX 4100ES FIRE ALARM CONTROL PANEL LOCATED IN EMERGENCY GENERATOR ROOM 112.
4. RUN PIPING IN ROOMS AND CORRIDORS CONCEALED ABOVE CEILINGS. IN ROOMS WITH CEILINGS OF EXPOSED CONSTRUCTION, RUN THE PIPING EXPOSED USING UPRIGHT SPRINKLER HEADS, EXCEPT AS NOTED OTHERWISE.
5. NO PIPE PENETRATIONS OF STRUCTURAL MEMBERS, EXCEPT AS NOTED, ARE PERMITTED WITHOUT THE APPROVAL OF THE ARCHITECT.
6. PROVIDE PIPE PENETRATIONS OF FIRE OR SMOKE PARTITIONS OR WALLS AND MAKE FIRE AND SMOKE TIGHT.
7. DESIGN AND PROVIDE THE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13- 2016 EDITION. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW BY ARCHITECT.
8. PROVIDE UL LISTED THROUGH PENETRATION FIRE STOPPING ASSEMBLIES FOR EACH PENETRATION OF FIRE-RATED ASSEMBLIES.
9. RUN SPRINKLER PIPING SUCH THAT IT DOES NOT RUN ABOVE ELECTRICAL PANELS, SWITCH GEAR AND SIMILAR EQUIPMENT.
10. PROVIDE QUICK RESPONSE SPRINKLER HEADS THROUGHOUT.
11. EXISTING FIRE PUMP IS LOCATED IN FIRST FLOOR MECHANICAL ROOM 115.

SPACE	SYSTEM TYPE	OCCUPANCY TYPE	DESIGN DENSITY GPM/SF	DESIGN AREA SF	HOSE STREAM GPM	MAXIMUM SPRINKLER COVERAGE, SF
OFFICES AREAS, CORRIDORS, RESTROOMS	WET	LIGHT HAZARD	0.10	1500	100	225
ELECTRICAL, STORAGE, MECHANICAL	WET	ORDINARY HAZARD, GROUP 1	0.15	1500	250	130

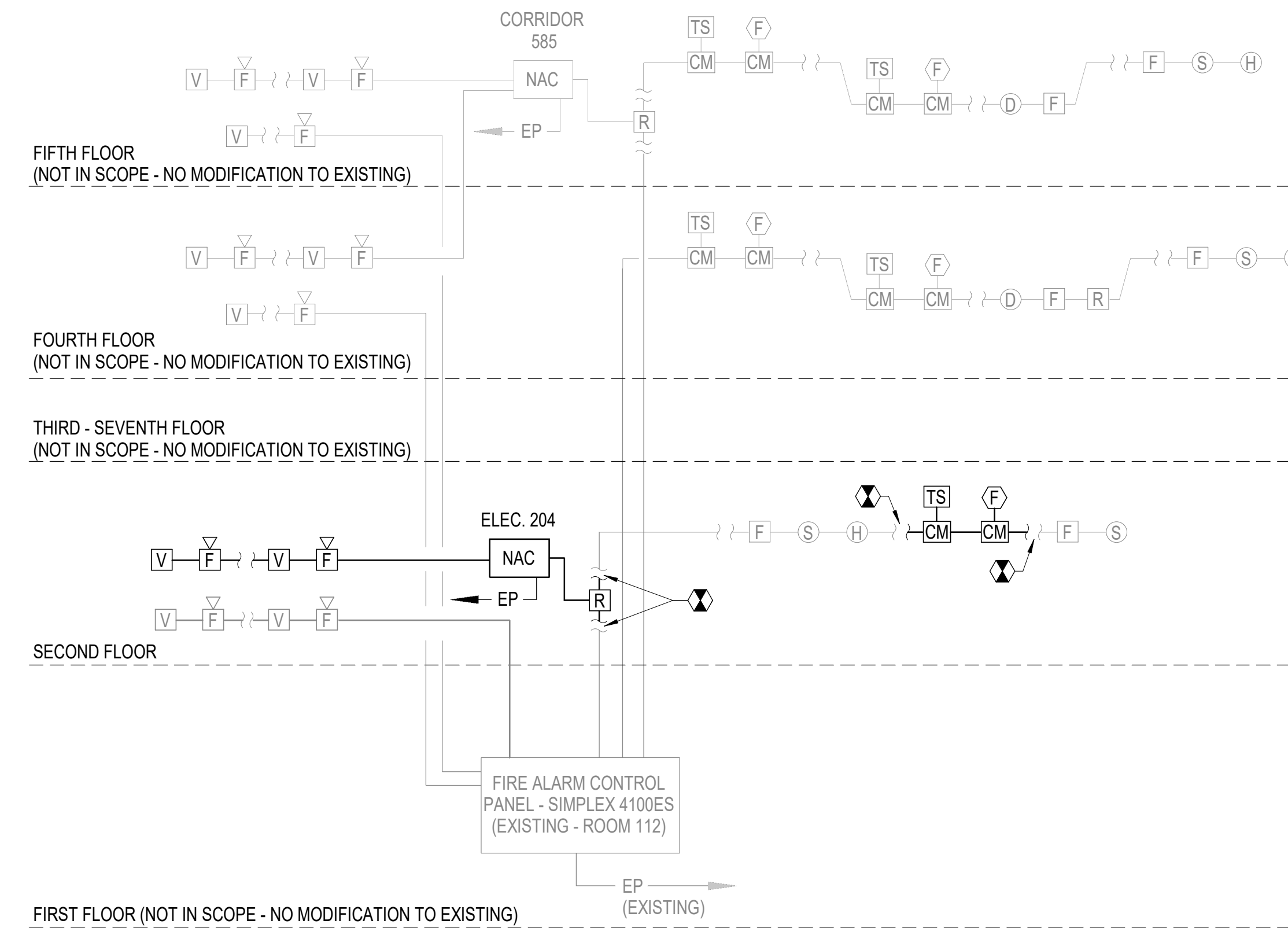
NOTES:

1. ALL SPACES NOT SHOWN AS ORDINARY HAZARD GROUP 1 ARE LIGHT HAZARD.
2. ACTUAL FLOW RATES SHALL BE BASED ON HYDRAULIC CALCULATIONS.
3. REMOTE AREA REDUCTION WITH QUICK RESPONSE SPRINKLERS IS PERMITTED, IAW NFPA 13 REQUIREMENTS.
4. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR WATER FLOW AND FIRE PUMP TESTS NECESSARY FOR FINAL HYDRAULIC CALCULATIONS.



FLOOR CONTROL ASSEMBLY DETAIL

NOT TO SCALE



NOTES:

1. NEW DEVICES SHALL BE CONNECTED INTO EXISTING FIRE ALARM SYSTEM. PROVIDE NEW HORN/STROBE CIRCUITS AS REQUIRED. NO CIRCUIT SHALL BE LOADED MORE THAN 75 PERCENT PRIOR TO FINAL INSPECTION TO ALLOW ADDITIONAL UNITS TO BE ADDED AS MAY BE REQUIRED BY LOCAL AUTHORITY. STROBES SHALL BE SYNCHRONIZED. COORDINATE INTERLOCKS BETWEEN FIRE ALARM ACTIVATION AND HVAC SHUTDOWN AS REQUIRED.
2. ALL WIRING SHALL BE AS RECOMMENDED BY EQUIPMENT MANUFACTURER.
3. RISER DIAGRAM IS FOR REFERENCE ONLY. DEVICE LOCATIONS AND QUANTITIES SHALL BE AS SHOWN ON THE FLOOR PLANS.

FIRE ALARM RISER DIAGRAM

NOT TO SCALE

EVMS GYNECOLOGY

HOFHEIMER HALL SECOND FLOOR RENOVATION

825 FAIRFAX AVENUE
NORFOLK, VA 23507

DESIGNER

CLARK NEXSEN

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757-455-5800

CLARK NEXSEN LICENSE NUMBER: C-1028

PROFESSIONAL SEAL

SUBMITTAL

03/26/24

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REVISIONS

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FIRE PROTECTION LEGEND, NOTES AND DETAILS

F-001

DESIGN: EVA
DRAWN: EVA
REVIEW: CHB

CN 10376

HOFHEIMER HALL SECOND FLOOR RENOVATION

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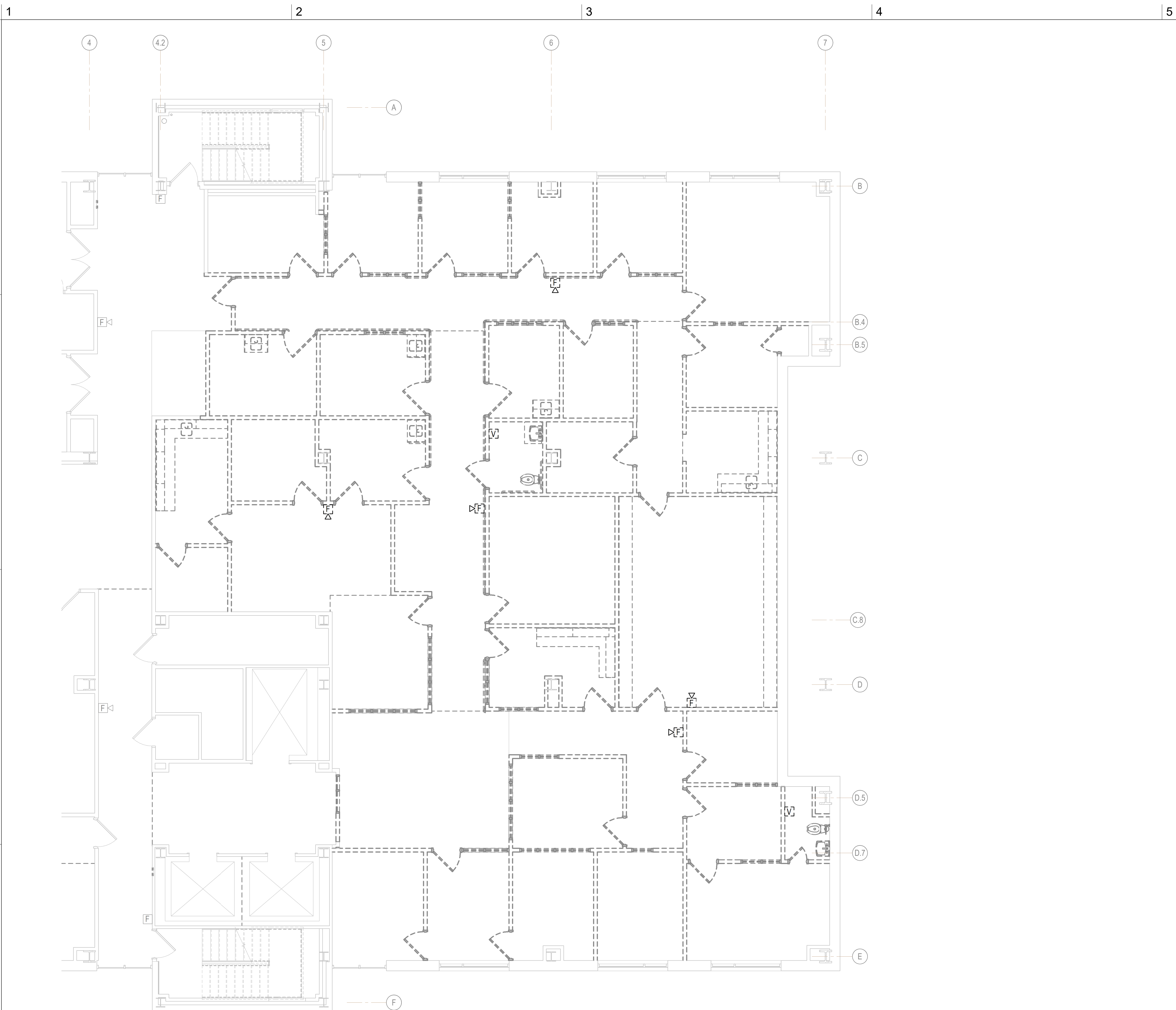
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SECOND FLOOR PLAN - FIRE
PROTECTION DEMOLITION

FD101

DESIGN: EVA
DRAWN: EVA
REVIEW: CHB

CN 10376



SECOND FLOOR PLAN - FIRE PROTECTION DEMOLITION

SCALE: 3/16" = 1'-0"

GRAPHIC SCALE(S)



HOFHEIMER HALL SECOND FLOOR RENOVATION

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REVISIONS

#	REVISIONS

KEY NOTES

- EXISTING 6" STANDPIPE WITH 2 1/2" HOSE VALVE CONNECTION.
- PROVIDE FLOOR CONTROL ASSEMBLY FOR FLOOR SPRINKLER SYSTEM. CONNECT INTO EXISTING STANDPIPE RISER.
- EXISTING DRAIN TO EXTERIOR.
- E MONITORING OF SPRINKLER SYSTEM FLOOR CONTROL ASSEMBLY COMPONENTS BY THE FIRE ALARM SYSTEM.
- SPRINKLER SYSTEM CONVERGENCE TO BE PROVIDED THROUGHOUT AREA SHOWN IN ACCORDANCE WITH NFPA 13. THIS IS TO INCLUDE COVERAGE FOR THE STAIR WELL LANDINGS SERVING THE FLOOR AND THE INTERMEDIATE LANDINGS IMMEDIATELY BELOW.
- COORDINATE MOUNTING HEIGHT OF NAC PANEL ON WALL WITH EXISTING-TO-REMAIN AND NEW ELECTRICAL PANELS.
- PROVIDE CONCEALED SPRINKLERS WITH WOOD GRAIN FINISH AT WOOD CEILING. FINISH OF COVER PLATE TO BE APPROVED BY ARCHITECT.

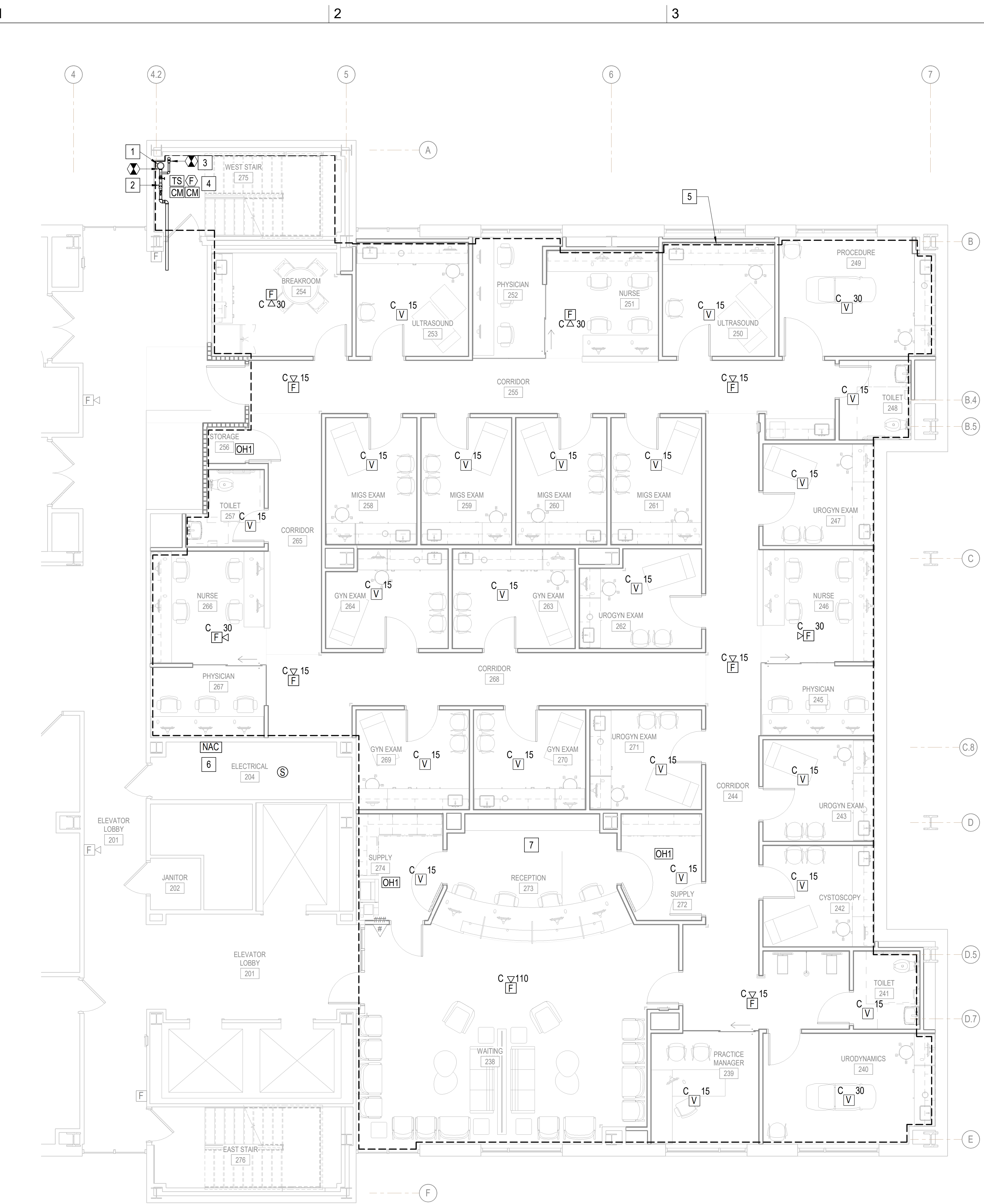
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SECOND FLOOR PLAN - FIRE PROTECTION

FP101

DESIGN: EVA
DRAWN: EVA
REVIEW: CHB

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SECOND FLOOR PLAN - FIRE PROTECTION

SCALE: 3/16" = 1'-0"

GRAPHIC SCALE(S)



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LEGEND

GENERAL

	CONSTRUCTION NOTE IDENTIFICATION
	DEMOLITION NOTE IDENTIFICATION
	CONNECT NEW TO EXISTING
	DEMOLISH TO THIS POINT
	INDICATES ITEM TO BE PROVIDED
	INDICATES ITEM TO BE DEMOLISHED
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER (120°F)
	DOMESTIC HOT WATER RECIRCULATING
	SAN SOIL, WASTE OR SANITARY SEWER
	VENT PIPING
	PITCH DOWN IN DIRECTION OF ARROW
	PIPE TURNING DOWN
	PIPE TURNING UP
	BRANCH BOTTOM CONNECTION
	BRANCH SIDE CONNECTION
	BRANCH TOP CONNECTION
	FCO FLOOR CLEANOUT
	FD FLOOR DRAIN WITH DEEP SEAL P-TRAP
	UNION
	WCO WALL CLEANOUT

VALVES AND ACCESSORIES

	BALL VALVE
	CAPPED PIPE
	CHECK VALVE
	DIRECTION OF FLOW
	METERED BALANCING VALVE W/PRESSURE TAPS
	PRESSURE GAUGE WITH GAUGE COCK
	STRAINER
	THERMOMETER
	BALANCING STATION

ABBREVIATIONS

AD	ACCESS DOOR
ADA	AMERICANS WITH DISABILITY ACT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AP	ACCESS PANEL
ARCH	ARCHITECTURAL
CW	COLD WATER
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
EX	EXISTING
EXR	EXISTING TO REMAIN
FF	FINISHED FLOOR
GA	GAUGE
GPM	GALLONS PER MINUTE
HW	HOT WATER
HWR	HOT WATER RETURN
MV	MIXING VALVE
REX	REMOVE EXISTING
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
WHA-'A'	WATER HAMMER ARRESTOR AND SIZE

GENERAL NOTES

- PROVIDE LABOR, MATERIAL, AND EQUIPMENT REQUIRED FOR THE COMPLETION AND OPERATION OF SYSTEMS IN THIS SECTION OF WORK IN ACCORDANCE WITH CONTRACT PLANS, SPECIFICATIONS AND APPLICABLE STATE AND LOCAL CODES.
- PROVIDE A COMPLETE SYSTEM OF HOT AND COLD WATER, AND WASTE AND VENT PIPING TO FIXTURES WITHIN THE BUILDING.
- CONCEAL WATER, SOIL, WASTE, AND VENT PIPING LINES IN THE BUILDING CONSTRUCTION, EXCEPT WHERE INDICATED OTHERWISE.
- PIPING RUN IN RETURN AIR CEILING PLENUM SPACE MUST BE CAST IRON OR OTHER CODE APPROVED METAL. PLASTIC WILL NOT BE PERMITTED.
- MAKE PROPER PIPING CONNECTIONS TO FIXTURES AND EQUIPMENT EVEN WHEN BRANCH MAINS, ELBOWS AND CONNECTIONS ARE NOT SHOWN.
- COORDINATE ROUTING OF PIPING WITH OTHER TRADES.
- BASIS OF DESIGN FIXTURES AND EQUIPMENT THAT ARE INDICATED IN THE PLUMBING FIXTURE SCHEDULE, PUMP SCHEDULE, WATER HEATER SCHEDULE, SPECIALTIES SCHEDULE AND OTHER SCHEDULES, AS A GUIDE FOR GENERAL QUALITY AND PERFORMANCE DESIRED. FIXTURES AND EQUIPMENT BY OTHERS ARE ACCEPTABLE PROVIDED THEY ARE OF THE SAME TYPE, QUALITY, PERFORMANCE AND OPERATION.
- COORDINATE WITH ARCHITECTURAL DRAWINGS BEFORE ROUGHING-IN PLUMBING FIXTURES OR EQUIPMENT.
- PROTECT COPPER PIPING AGAINST CONTACT WITH MASONRY OR DISSIMILAR METALS. HANGERS, SUPPORTS, ANCHORS AND CLIPS MUST BE COPPER OR COPPER PLATED.
- PROVIDE SHUTOFF VALVES IN DOMESTIC WATER PIPING SYSTEM BRANCHES IN WHICH BRANCH PIPING SERVES TWO OR MORE FIXTURES
- PROVIDE ASSE 1032 APPROVED DUAL CHECK VALVE BACKFLOW PREVENTER (WATTS WSD2MFC OR EQUAL) AND WATER HAMMER ARRESTOR ON CW SERVICE LINES TO ICE, COFFEE, AND TEA MACHINES.
- SHUT-OFF VALVES MUST BE LOCATED IN ACCESSIBLE LOCATIONS OR MUST BE ACCESSIBLE THROUGH AN ACCESS DOOR OR PANEL.
- PLUMBING ITEMS LOCATED WITHIN A 12"X12" ACCESS DOOR OR PANEL MUST BE WITHIN 24" OF OPENING.
- PROVIDE A 24"X24" ACCESS DOOR FOR PLUMBING ITEMS LOCATED BEYOND 24" OF DOOR OPENING.
- UNLESS OTHERWISE NOTED, SLOPE DRAINAGE PIPING AT A MINIMUM 2 PERCENT DOWNWARD IN DIRECTION OF FLOW FOR PIPING 2" AND SMALLER; 1 PERCENT DOWNWARD IN DIRECTION OF FLOW FOR PIPING 3" AND LARGER.
- PROVIDE SANITARY VENT PIPING GRADED AND CONNECTED TO DRAIN BACK TO THE SANITARY DRAINAGE BY GRAVITY.
- PROVIDE LATERAL BRACING WITH PIPE HANGERS AND SUPPORTS WHERE REQUIRED TO PREVENT SWAYING ACCORDING TO IPC REQUIREMENTS.
- PROVIDE RIGID SUPPORT SWAY BRACING AT CHANGES IN DIRECTION GREATER THAN 45 DEGREES FOR PIPE SIZES 4 INCHES AND LARGER ACCORDING TO IPC REQUIREMENTS.
- PROVIDE UL LISTED THROUGH FIRE STOPPING ASSEMBLIES FOR EACH PENETRATION OF FIRE-RATED WALLS AND ASSEMBLIES.
- FIRE STOPPING ASSEMBLIES MUST HAVE RATINGS THAT ARE EQUAL TO OR GREATER THAN NOTED WALL RATING.
- PROVIDE DISCONNECT SWITCHES, VFD'S, STARTERS AND OTHER COMPONENTS REQUIRED FOR OPERATION OF THE MECHANICAL EQUIPMENT AS DESCRIBED ON THE DRAWINGS AND IN THE SPECIFICATIONS. THE ELECTRICAL CONTRACTOR MUST PROVIDE CONDUIT AND WIRING FROM THE POWER SOURCE TO THE DISCONNECT SWITCH, FROM THE DISCONNECT SWITCH TO THE STARTER OR VFD, AND FROM THE STARTER OR VFD TO THE FINAL MECHANICAL EQUIPMENT CONNECTION.
- COORDINATE PIPING WITH ELECTRICAL PANELS AND EQUIPMENT. RUN PLUMBING PIPING SUCH THAT IT DOES NOT RUN ABOVE ELECTRICAL PANELS, SWITCH GEAR, AND SIMILAR ELECTRICAL EQUIPMENT.
- PROVIDE PLUMBING FIXTURES AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS AND APPLICABLE LISTING REQUIREMENTS.
- BARRIER-TYPE FLOOR DRAIN TRAP SEAL PROTECTION DEVICES ARE ACCEPTABLE WHERE ALLOWED BY CODE OFFICIALS. TRAP SEAL DEVICE MUST CONFORM TO ASSE 1072 AND MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
- THE SCOPE OF DEMOLITION WORK IS TO REMOVE PLUMBING FIXTURES, PIPING, VALVES, EQUIPMENT, ACCESSORIES, CONTROLS, HANGERS, SUPPORTS, POWER CONNECTIONS, AND ASSOCIATED APPURTENANCES ABOVE THE SLAB IN THEIR ENTIRETY AS SHOWN ON PLANS.
- VISIT THE SITE PRIOR TO BIDDING TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND PROJECT REQUIREMENTS. UNFORESEEN CONDITIONS RESULTING FROM A FAILURE TO ACCOMPLISH A PRE-BID SITE VISIT WILL NOT BE CONSIDERED GROUNDS FOR A CHANGE ORDER.
- UNDER NO CIRCUMSTANCES IS PIPING TO BE REMOVED OR VALVES TO BE REMOVED WITHOUT FIRST VERIFYING WHAT SPECIFIC PURPOSE AND/OR LOCATION IT SERVES. PERFORM NECESSARY SELECTIVE DEMOLITION OF EXISTING SYSTEMS. REMOVE (DO NOT ABANDON) PIPING AND APPURTENANCES NO LONGER NECESSARY AND CAP EXISTING PIPE. PATCH PENETRATIONS WHERE EXISTING PIPE WAS REMOVED.
- REMOVE (DO NOT ABANDON) PIPING AND APPURTENANCES NO LONGER NECESSARY AND CAP EXISTING PIPE WITHIN 24" OF EXISTING PIPE. PATCH PENETRATIONS WHERE EXISTING PIPE WAS REMOVED.
- EXISTING PIPING AND EQUIPMENT SHOWN ON DEMOLITION DRAWING IS BASED ON FIELD OBSERVATION AND EXISTING DRAWINGS WITHOUT DEMOLITION: IF CONDITIONS SUBSTANTIALLY DIFFERENT ARE DISCOVERED DURING DEMOLITION, IT MUST BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
- VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT, PIPING, FIXTURES, ETC.
- WHERE EXISTING PIPING IS TO BE RETAINED FOR RE-USE, PATCH INSULATION WHERE FRAYED, DAMAGED OR MISSING. REPAIR OR REPLACE PIPE SUPPORTS ON EXISTING PIPING TO BE RETAINED FOR USE WHERE INSTALLED INCORRECTLY.
- COORDINATE WITH THE OWNER'S REPRESENTATIVE FOR PIPING SERVICE CONNECTIONS TO EXISTING SYSTEMS: WHERE POSSIBLE, LIMIT DOWN-TIME TO A SINGLE 4 HOUR PERIOD, BETWEEN 12:00 MIDNIGHT AND 6:00 AM.

CONTRACTOR TO INSPECT ALL SEWER AND VENT PIPING WITHIN THE LIMITS OF CONSTRUCTION FOR SIGNS OF CRACKS, LEAKS OR DETERIORATION. NOTIFY OWNER AND ARCHITECT OF FINDINGS

EVMS GYNECOLOGY

HOFHEIMER HALL SECOND FLOOR RENOVATION

825 FAIRFAX AVENUE NORFOLK, VA 23507

DESIGNER



CLARK NEXSEN

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REVISIONS

SHEET

PLUMBING LEGEND

P-001

DESIGN: JBW
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REVIEW: RMF

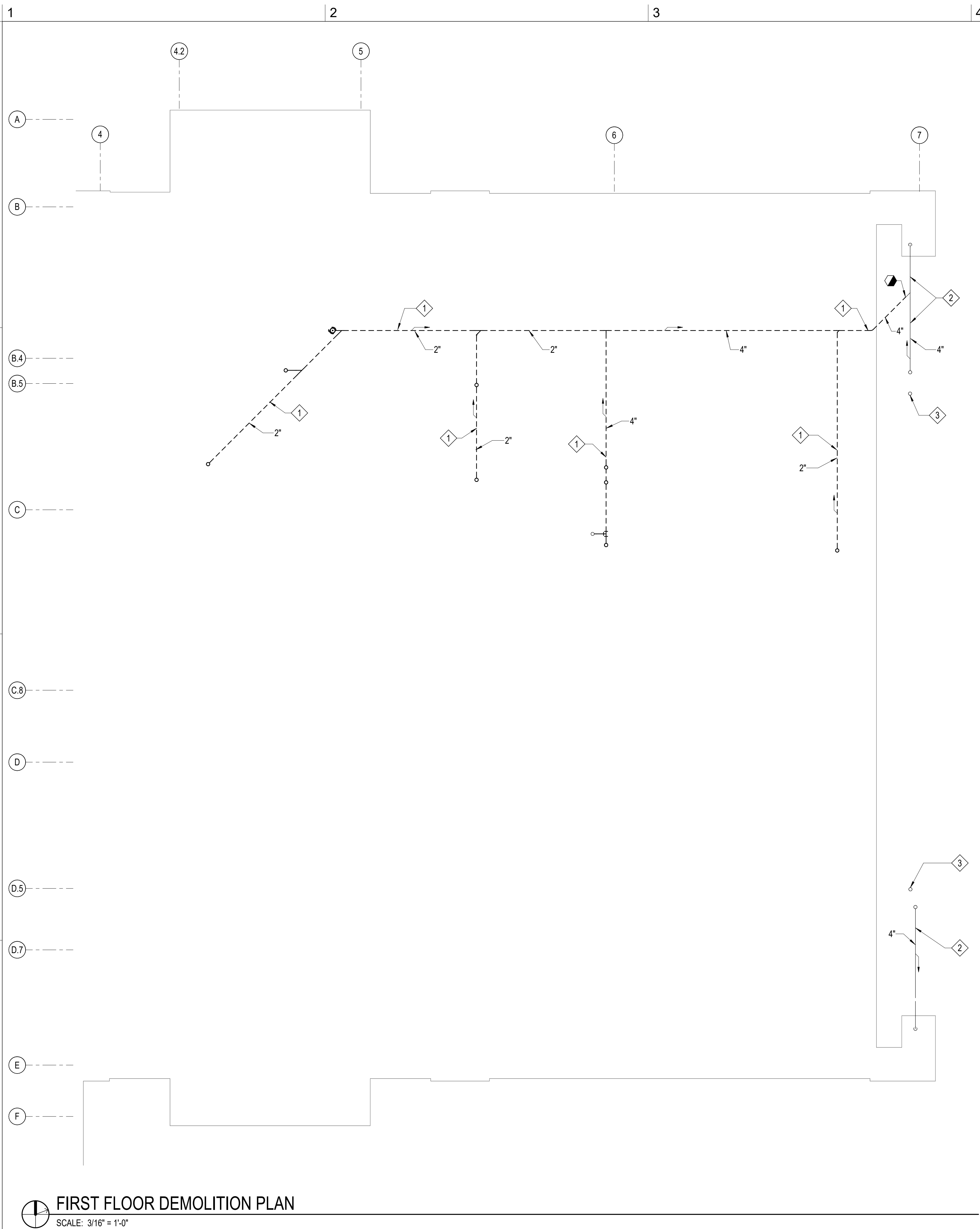
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GENERAL NOTES

1 SEE SHEET P-001 FOR LEGEND AND GENERAL NOTES.

DEMOLITION KEY NOTES

- 1 REMOVE WASTE PIPING AND ASSOCIATED PIPE HANGERS BACK TO POINT INDICATED.
- 2 WASTE PIPE TO REMAIN.
- 3 3" VENT RISER TO REMAIN.

GRAPHIC SCALE(S)



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**HOFHEIMER HALL
 SECOND FLOOR
 RENOVATION**
 825 FAIRFAX AVENUE
 NORFOLK, VA 23507

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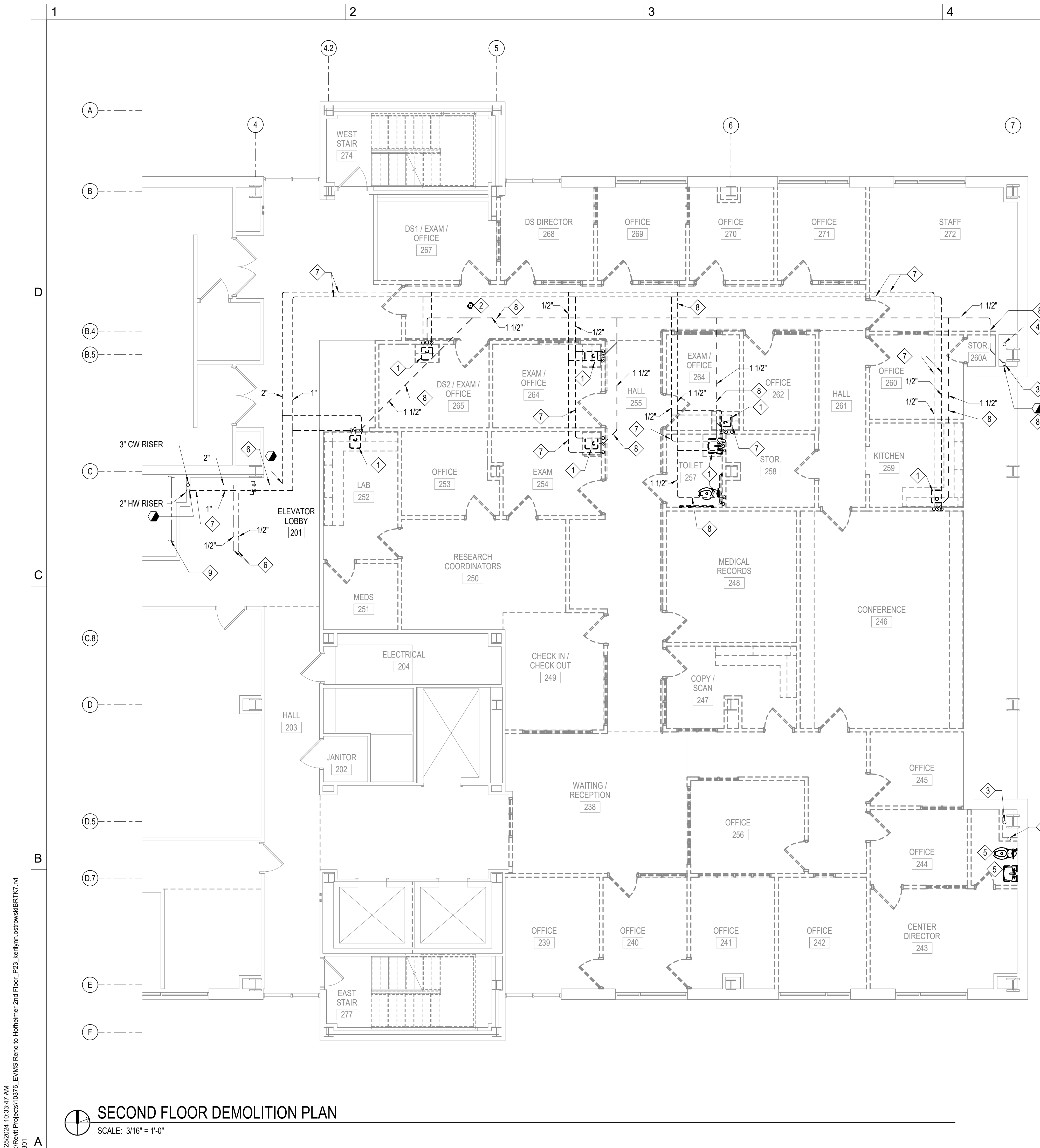
SHEET
**FIRST FLOOR DEMOLITION
 PLAN**

PD100

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FIRST FLOOR DEMOLITION PLAN
 SCALE: 3/16" = 1'-0"



GENERAL NOTES

1 SEE SHEET P-001 FOR LEGEND AND GENERAL NOTES.

DEMOLITION KEY NOTES

- 1 REMOVE PLUMBING FIXTURE AND ASSOCIATED WASTE AND WATER PIPING AS INDICATED.
- 2 REMOVE FLOOR CLEAN OUT.
- 3 3" VENT RISER TO REMAIN.
- 4 4" WASTE RISER TO REMAIN.
- 5 REMOVE PLUMBING FIXTURE AND ASSOCIATED WASTE AND WATER PIPING BACK TO SERVICE MAINS AND CAP WATER TIGHT.
- 6 WATER PIPING TO REMAIN.
- 7 REMOVE WATER PIPING AND ASSOCIATED PIPE HANGERS BACK TO POINT INDICATED AND PREPARE PIPING FOR NEW CONNECTION.
- 8 REMOVE VENT PIPING AND ASSOCIATED PIPE HANGERS BACK TO POINT INDICATED AND PREPARE PIPING FOR NEW CONNECTION.
- 9 HOT WATER RETURN PIPE, FIELD VERIFY SIZE AND LOCATION.

GRAPHIC SCALE(S)



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**HOFHEIMER HALL
SECOND FLOOR
RENOVATION**

825 FAIRFAX AVENUE
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**SECOND FLOOR DEMOLITION
PLAN**

PD101

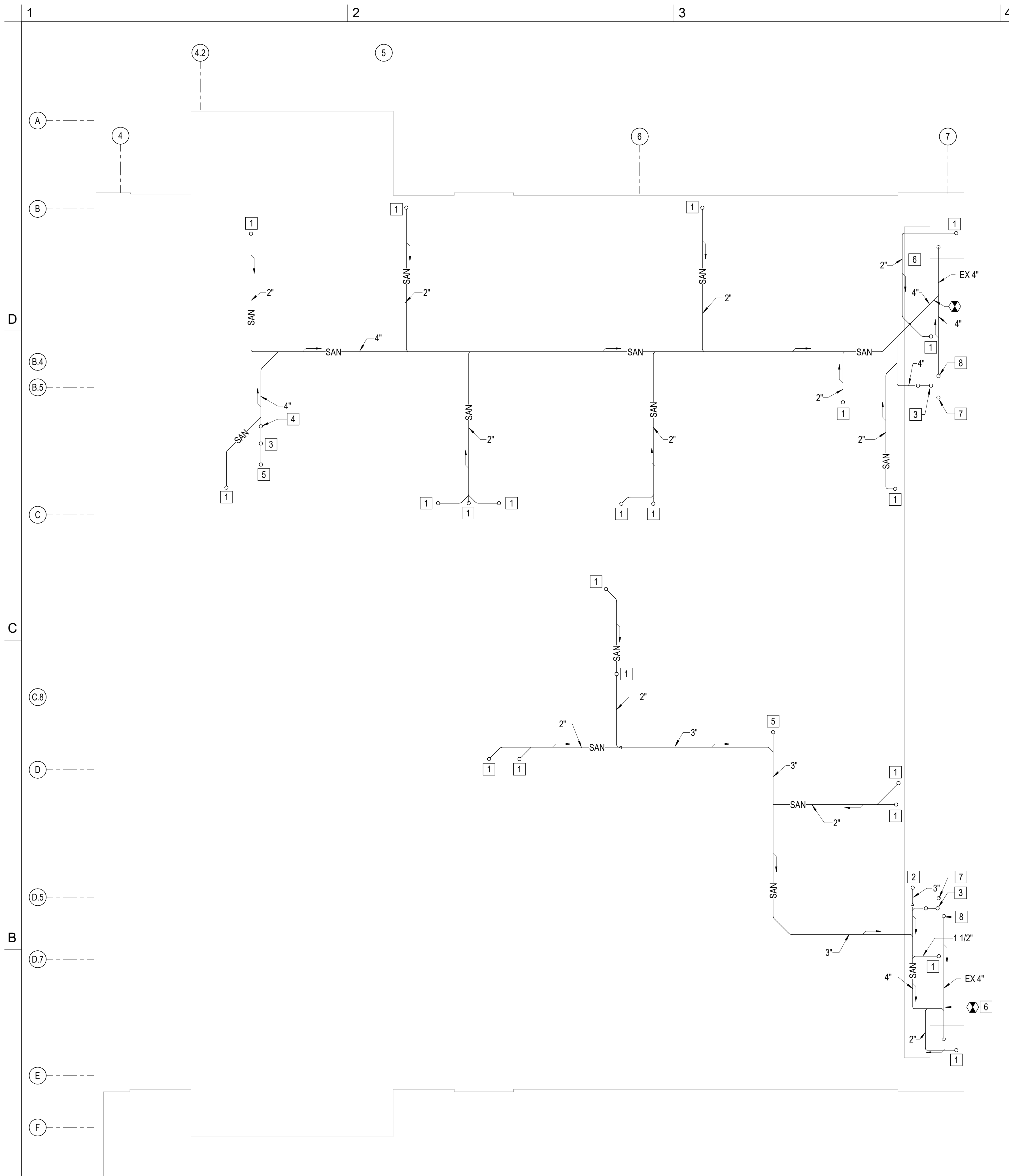
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SECOND FLOOR DEMOLITION PLAN
SCALE: 3/16" = 1'-0"

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 1302



FIRST FLOOR PLAN
 SCALE: 3/16" = 1'-0"

GENERAL NOTES

1 SEE SHEET P-001 FOR LEGEND AND GENERAL NOTES.

KEY NOTES

- 1 2" WASTE PIPE FROM ABOVE.
- 2 3" WASTE PIPE FROM WALL CLEAN OUT (WCO) ABOVE.
- 3 4" WASTE PIPE FROM ABOVE.
- 4 3" VENT PIPE UP.
- 5 4" WASTE PIPE FROM FLOOR CLEAN OUT (FCO) ABOVE.
- 6 CONNECT NEW 4" WASTE PIPE TO EXISTING 4" WASTE PIPE IN FIRST FLOOR CEILING SPACE.
- 7 3" VENT RISER TO REMAIN.
- 8 EXISTING 4" SEWER RISER FROM ABOVE.

GRAPHIC SCALE(S)



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**HOFHEIMER HALL
 SECOND FLOOR
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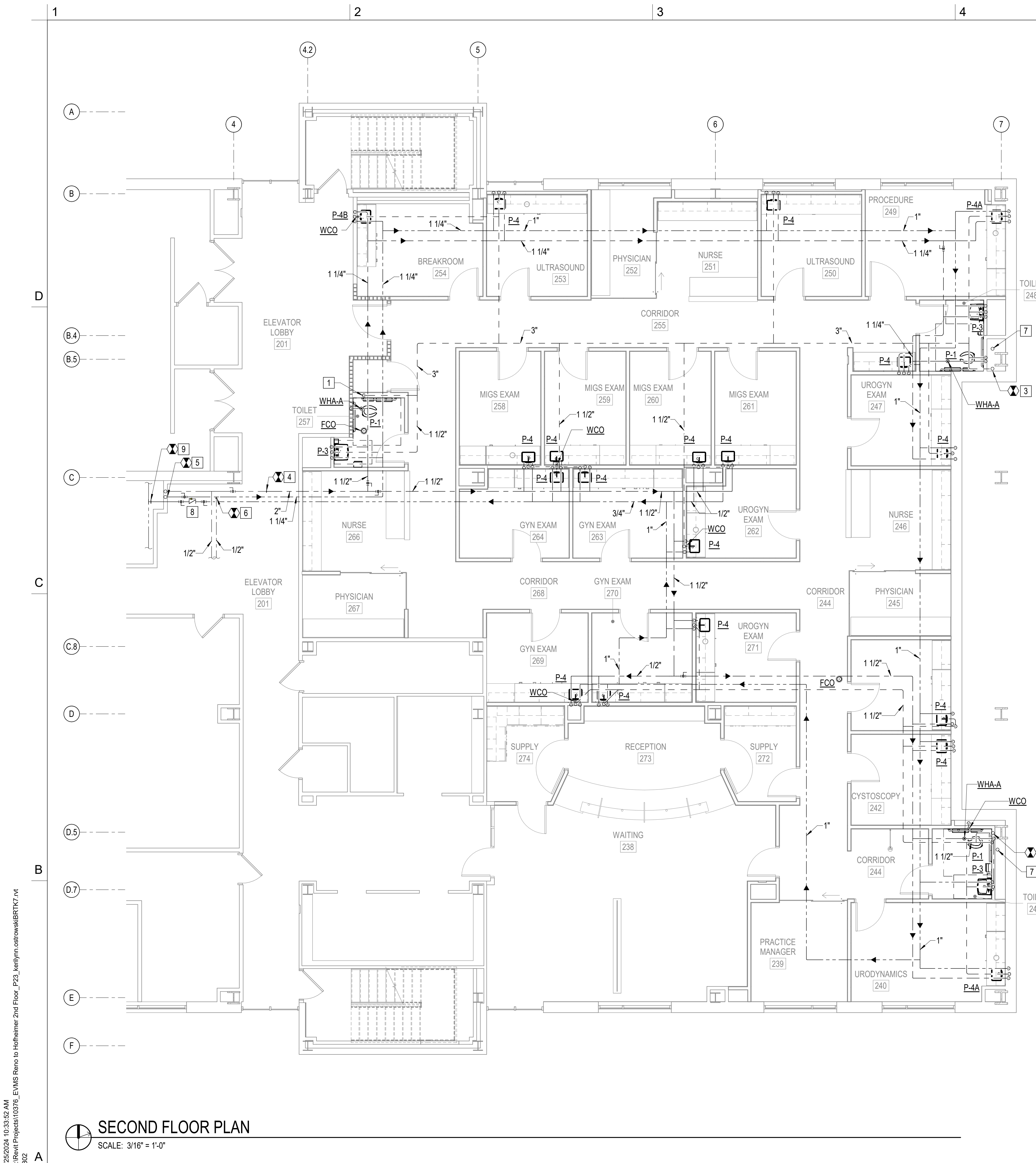
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FIRST FLOOR PLAN

PL100

DESIGN: JBW
 DRAWN: JBW
 REVIEW: RMF

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GENERAL NOTES

1 SEE SHEET P-001 FOR LEGEND AND GENERAL NOTES.

KEY NOTES

- 1 3" VENT PIPE FROM BELOW.
- 2 CONNECT NEW 2" VENT PIPE TO EXISTING 3" VENT STACK IN CHASE SPACE.
- 3 CONNECT NEW 3" VENT PIPE TO EXISTING 3" VENT STACK IN CHASE SPACE.
- 4 CONNECT NEW 2" COLD WATER PIPE TO EXISTING 2" COLD WATER PIPE AS INDICATED.
- 5 CONNECT NEW 1-1/2" HOT WATER PIPE TO EXISTING 2" HOT WATER RISER PIPE IN CHASE SPACE.
- 6 CONNECT EXISTING 1/2" HOT WATER PIPE TO NEW 1-1/4" HOT WATER PIPE AS INDICATED.
- 7 EXISTING 4" SEWER RISER FROM ABOVE.
- 8 HOT WATER RETURN BALANCING STATION, SET FLOW AT 0.25 GPM, REFER TO DETAIL A4/P-601.
- 9 CONNECT NEW 3/4" HOT WATER RETURN PIPE TO EXISTING HOT WATER RETURN PIPE IN CEILING SPACE.

GRAPHIC SCALE(S)



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SECOND FLOOR
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SECOND FLOOR PLAN

PL101

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SECOND FLOOR PLAN
SCALE: 3/16" = 1'-0"

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE			CONNECTIONS						MOUNTING HEIGHT	MANUFACTURER'S MODEL NUMBER / ACCESSORIES	NOTES
	FIXTURE	TYPE	STYLE	CW	HW	WASTE	VENT (MIN)	MOUNTING				
P-1	WATER CLOSET (ADA)	FLUSH VALVE	ELONGATED BOWL	1"	-	4"	2"	FLOOR	16-1/2"	FIXTURE: AMERICAN STANDARD 3461.001 MADERA, BOTTOM OUTLET, RATED FOR 1.28 GPF, W/EVERCLEAN. TRIM: SLOAN 8111-1.28-OR, EXPOSED TOP SPUD, SENSOR (BATTERY) FLUSH VALVE, 1.28GPF FLUSH VOLUME. SEAT: BEMIS 1955SCT HEAVY DUTY PLASTIC, ELONGATED, OPEN FRONT, LESS COVER, STAINLESS STEEL POST.	1	
P-3	LAVATORY	SELF-DRAINING	BACK AND SIDE SPLASH SHIELDS	1/2"	1/2"	1-1/2"	1-1/2"	WALL	ADA	FIXTURE: AMERICAN STANDARD LUCERNE 0356.421, SINGLE CENTER FAUCET HOLE, CONCEALED ARM SUPPORT, 20-1/2" X 18-1/4". TRIM: SLOAN SF-2450-4-BAT-BDM-CP-0.50GPM-LM-IR-FCT, 0.5 GPM FLOW RATE, LAMINAR SPRAY, SENSOR (BATTERY), BELOW DECK TEMPERATURE MIXER, POLISHED CHROME FINISH.	1,2,3,4	
P-4	SINK	INTEGRAL W/ COUNTER TOP	SEE ARCHITECTURAL	1/2"	1/2"	2"	1-1/2"	-	COUNTERTOP	TRIM: AMERICAN STANDARD MONTERREY #7502.170-LV15, TWO-HANDLED CENTERSET FAUCET, RIGID/SWING GOOSENECK SPOUT, 1.5 GPM VANDAL RESISTANT NON-AERATED LAMINAR FLOW OUTLET.	2,4	
P-4A	SINK	INTEGRAL W/ COUNTER TOP	SEE ARCHITECTURAL	1/2"	1/2"	2"	1-1/2"	-	COUNTERTOP	TRIM: AMERICAN STANDARD MONTERREY #7502.170-LV15, TWO-HANDLED CENTERSET FAUCET, RIGID/SWING GOOSENECK SPOUT, 1.5 GPM VANDAL RESISTANT NON-AERATED LAMINAR FLOW OUTLET. ACCESSORY: BRADLEY FAUCET MOUNTED EYEWASH # S19-200B, LEAD FREE IDENTIFICATION SIGN, YELLOW PROTECTIVE COVERS PROVIDE WITH NAVIGATOR S19-200 EFX8 EMERGENCY THERMOSTATIC MIXING VALVE.	4	
P-4B	SINK	SINGLE COMPARTMENT	STAINLESS STEEL	1/2"	1/2"	2"	1-1/2"	UNDERCOUNTER	COUNTERTOP	FIXTURE: ELKAY ELUH1814PD SINGLE BOWL, STAINLESS STEEL UNDERMOUNT 20-1/2" X 16-1/2" X 7-7/8" DEEP SINK. TRIM: AMERICAN STANDARD MONTERREY #7502.170-LV15, TWO-HANDLED CENTERSET FAUCET, RIGID/SWING GOOSENECK SPOUT, 1.5 GPM VANDAL RESISTANT NON-AERATED LAMINAR FLOW OUTLET. PROVIDE WITH STAINLESS STEEL DRAIN BODY AND STRAINER.	2	

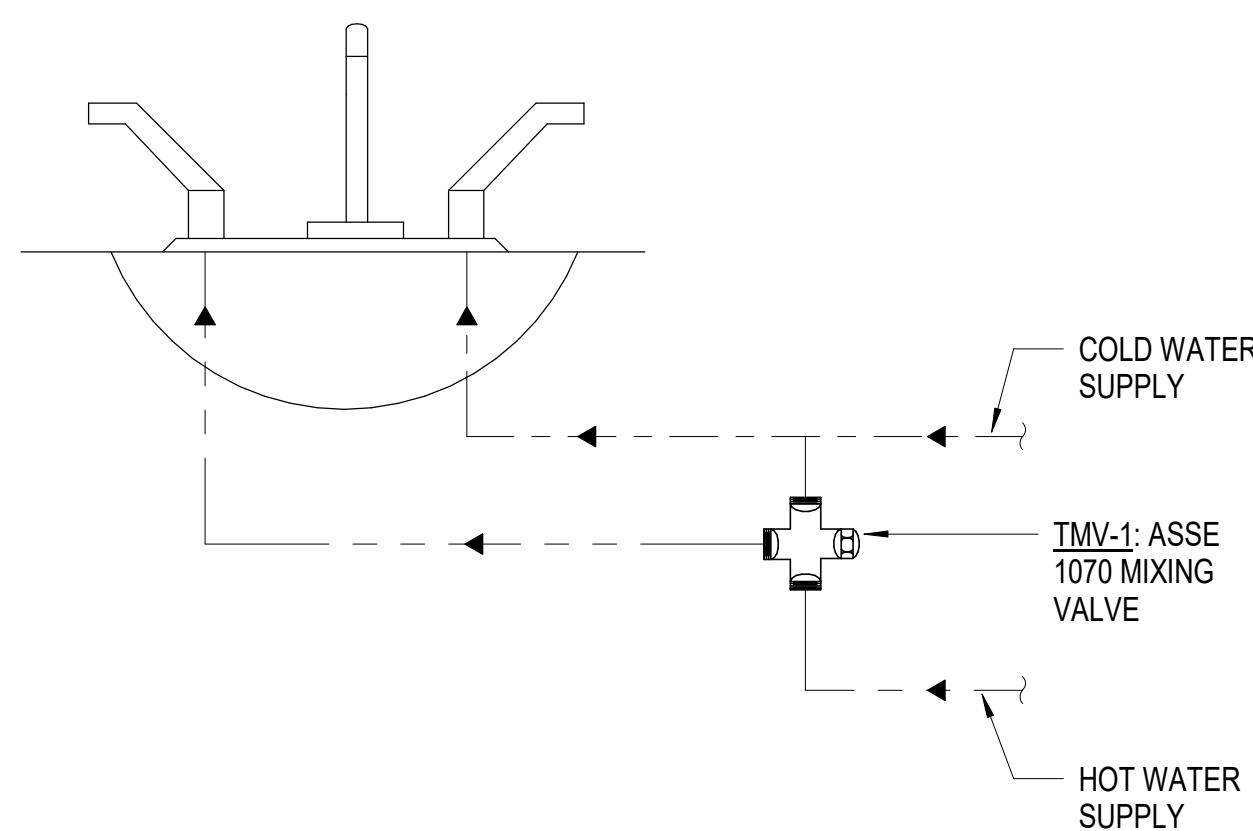
- NOTES:**
 1. MOUNTING HEIGHT IS FROM FINISHED FLOOR TO FLOOD LEVEL RIM OF FIXTURE.
 2. PROVIDE FAUCET WITH MIXING VALVE TMV-1, REFER TO "WATER TEMPERATURE MIXING VALVE SCHEDULE" (THIS DRAWING).
 3. PROVIDE FIXTURE TRAP AND WATER SUPPLIES WITH ADA-COMPLIANT UNDER SINK PIPE PROTECTION AS MANUFACTURED BY TRUBRO MODEL #102 E-Z.
 4. COORDINATE COUNTERTOP FAUCET HOLE REQUIREMENTS WITH SPECIFIC FAUCET SPECIFIED.

WATER TEMPERATURE MIXING VALVE SCHEDULE

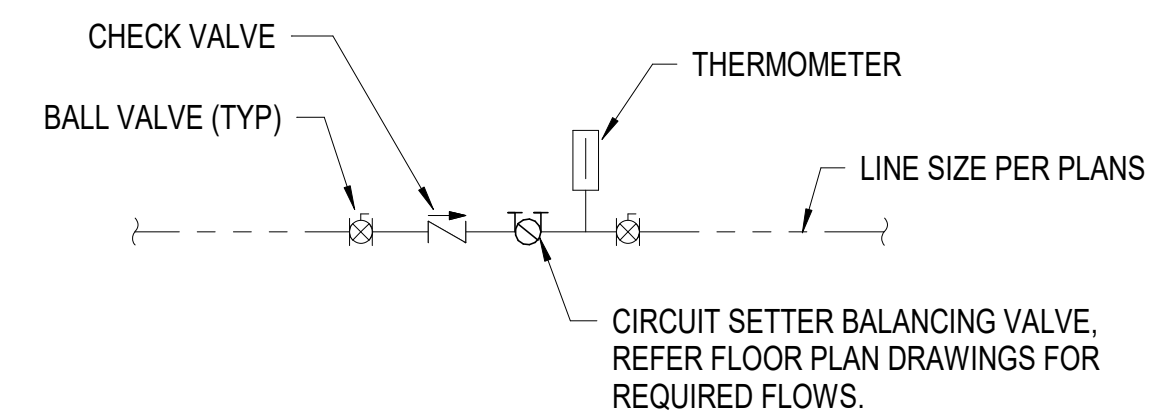
MARK	CAPACITY		TEMPERATURE	SIZE	MANUFACTURERS BASIS-OF-DESIGN PRODUCT
	GPM	PRESSURE DROP (PSI)	SET POINT	INLET	
TMV-1	1	10	110	3/8"	LAWLER TMM 1070, UNIT #87500, MECHANICAL MIXING VALVE W/ THERMOSTATIC LIMIT STOP.

PLUMBING SPECIALTIES SCHEDULE

MARK	EQUIPMENT DESCRIPTION	MANUFACTURERS BASIS OF DESIGN PRODUCT
FCO	FLOOR CLEAN OUT	J.R. SMITH FIG. 4020-NB SERIES, CAST-IRON, NICKEL BRONZE ADJUSTABLE TOP, TAPERED THREADED PLUG.
WCO	WALL CLEAN OUT	J.R. SMITH FIG. 4420 SERIES, CAST-IRON FERRULE AND BRONZE PLUG W/ STAINLESS STEEL SHALLOW COVER.
WHA-A	WATER HAMMER ARRESTER	WATTS PDI APPROVED AND SIZED, DIAPHRAM TYPE, MOUNT IN ACCESSIBLE LOCATION OR PROVIDE ACCESS PANEL.



A3 MIXING VALVE 1070 DETAIL (TMV-1)
NOT TO SCALE



A4 HWR BALANCING STATION DETAIL
NOT TO SCALE

HOFHEIMER HALL SECOND FLOOR RENOVATION

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03/26/24

FINAL SUBMITTAL

REVISIONS

SHEET

SCHEDULES

P-601

DESIGN: JBW
DRAWN: JBW
REVIEW: RMF

CN 10376

GENERAL

- 1 DEMOLITION NOTE IDENTIFICATION
- 1 CONSTRUCTION NOTE IDENTIFICATION
- INDICATES EXISTING ITEM
- INDICATES NEW ITEM
- INDICATES ITEM TO BE REMOVED
- REMOVE TO THIS POINT
- CONNECT NEW TO EXISTING

AIR DISTRIBUTION DEVICES

- CEILING SUPPLY AIR DEVICE
- ACTIVE THROW DIRECTION (TYP)
- INACTIVE / BLOCKED DIRECTION (TYP)
- CEILING SUPPLY AIR DEVICE WITH 2-WAY DIRECTIONAL THROW (OTHER CONFIGURATIONS SIMILAR)
- CEILING RETURN OR TRANSFER AIR DEVICE
- CEILING EXHAUST AIR DEVICE
- SIDEWALL AIR DEVICE
- AIR DEVICE TYPE. REFER TO SCHEDULE
- NECK DIAMETER (INCHES)
- A6 (CFM)
- AIR DEVICE WITH ROUND NECK TAG
- AIR DEVICE TYPE. REFER TO SCHEDULE
- NECK WIDTH / LENGTH (INCHES)
- G22/22 (CFM)
- AIR DEVICE WITH RECTANGULAR NECK TAG
- AIR DEVICE TYPE. REFER TO SCHEDULE
- NECK DIAMETER (INCHES)
- NUMBER OF SLOTS
- LENGTH OF SLOT (INCHES)
- E8-2-48 (CFM)
- LINEAR SLOT WITH ROUND NECK TAG

DUCTWORK ACCESSORIES

- FLEXIBLE DUCT CONNECTOR
- VOLUME DAMPER
- BACK DRAFT DAMPER
- MOTORIZED CONTROL DAMPER
- VERTICAL FIRE DAMPER
- VERTICAL COMBINATION FIRE/SMOKE DAMPER
- VERTICAL SMOKE DAMPER
- HORIZONTAL FIRE DAMPER
- HORIZONTAL COMBINATION FIRE/SMOKE DAMPER
- HORIZONTAL SMOKE DAMPER

DUCTWORK SYSTEM ABBREVIATIONS

- SA SUPPLY AIR
- EA EXHAUST AIR
- RA RETURN AIR
- TA TRANSFER AIR
- OA OUTDOOR AIR

DUCTWORK

- | SINGLE LINE | DOUBLE LINE | |
|-------------|-------------|--|
| 12x12 | 12x12 | RECTANGULAR DUCT WIDTHxHEIGHT (INCHES) |
| [Symbol] | [Symbol] | RECTANGULAR DUCT |
| [Symbol] | [Symbol] | RECTANGULAR SUPPLY DUCT TURN DOWN |
| [Symbol] | [Symbol] | RECTANGULAR EXHAUST DUCT TURN DOWN |
| [Symbol] | [Symbol] | RECTANGULAR RETURN DUCT TURN DOWN |
| [Symbol] | [Symbol] | RECTANGULAR SUPPLY DUCT TURN UP |
| [Symbol] | [Symbol] | RECTANGULAR EXHAUST DUCT TURN UP |
| [Symbol] | [Symbol] | RECTANGULAR RETURN DUCT TURN UP |
| [Symbol] | [Symbol] | RECTANGULAR DUCT TAP |
| [Symbol] | [Symbol] | MITERED ELBOW WITHOUT TURNING VANES |
| [Symbol] | [Symbol] | MITERED ELBOW WITH TURNING VANES |
| [Symbol] | [Symbol] | RECTANGULAR DUCT RADIUS ELBOW (R=1.5W) |
| 12ø | 12ø | ROUND DUCT DIAMETER (INCHES) |
| [Symbol] | [Symbol] | ROUND DUCT |
| [Symbol] | [Symbol] | SUPPLY ROUND DUCT TURNING DOWN |
| [Symbol] | [Symbol] | EXHAUST ROUND DUCT TURNING DOWN |
| [Symbol] | [Symbol] | RETURN ROUND DUCT TURNING DOWN |
| [Symbol] | [Symbol] | SUPPLY ROUND DUCT TURNING UP |
| [Symbol] | [Symbol] | EXHAUST ROUND DUCT TURNING UP |
| [Symbol] | [Symbol] | RETURN ROUND DUCT TURNING UP |
| [Symbol] | [Symbol] | ROUND DUCT TAP |
| [Symbol] | [Symbol] | ROUND DUCT RADIUS ELBOW (R=1.5D) |
| 16/12 | 16/12 | OVAL DUCT WIDTH / HEIGHT (INCHES) |
| [Symbol] | [Symbol] | OVAL DUCT |
| [Symbol] | [Symbol] | SUPPLY OVAL DUCT TURNING DOWN |
| [Symbol] | [Symbol] | EXHAUST OVAL DUCT TURNING DOWN |
| [Symbol] | [Symbol] | RETURN OVAL DUCT TURNING DOWN |
| [Symbol] | [Symbol] | SUPPLY OVAL DUCT TURNING UP |
| [Symbol] | [Symbol] | EXHAUST OVAL DUCT TURNING UP |
| [Symbol] | [Symbol] | RETURN OVAL DUCT TURNING UP |
| [Symbol] | [Symbol] | OVAL DUCT TAP |
| [Symbol] | [Symbol] | OVAL DUCT ELBOW |
| [Symbol] | [Symbol] | CONCENTRIC DUCT TRANSITION |
| [Symbol] | [Symbol] | ECCENTRIC DUCT TRANSITION |
| [Symbol] | [Symbol] | FLEXIBLE DUCT |
| [Symbol] | [Symbol] | ACOUSTICALLY LINED DUCTWORK |
| [Symbol] | [Symbol] | SUPPLY AIRFLOW |
| [Symbol] | [Symbol] | RETURN, EXHAUST, OR TRANSFER AIRFLOW |
| RISE | [Symbol] | INCLINED RISE WITH RESPECT TO AIRFLOW |
| DROP | [Symbol] | DECLINED DROP WITH RESPECT TO AIRFLOW |

RATED PARTITION LEGEND

- ONE HALF HOUR FIRE RATING
- ONE HOUR FIRE RATING
- TWO HOUR FIRE RATING
- THREE HOUR FIRE RATING
- FOUR HOUR FIRE RATING
- SMOKE BARRIER (SB), SMOKE PARTITION (SP), OR PARTITION CAPABLE OF RESISTING THE PASSAGE OF SMOKE (S), AS NOTED (SB)

PIPING

- | SINGLE LINE | DOUBLE LINE | |
|-------------|-------------|---------------------------------------|
| 6" CWS | 6" CWS | PIPE DIAMETER AND SYSTEM ABBREVIATION |
| [Symbol] | [Symbol] | PIPE |
| [Symbol] | [Symbol] | HYDRONIC PIPE TURN DOWN |
| [Symbol] | [Symbol] | HYDRONIC PIPE TURN UP |
| [Symbol] | [Symbol] | HYDRONIC PIPE TEE |
| [Symbol] | [Symbol] | HYDRONIC PIPE TOP CONNECTION |
| [Symbol] | [Symbol] | HYDRONIC PIPE BOTTOM CONNECTION |
| [Symbol] | [Symbol] | DRAIN PIPE TURN DOWN |
| [Symbol] | [Symbol] | DRAIN PIPE TURN UP |
| [Symbol] | [Symbol] | DRAIN PIPE TEE |
| [Symbol] | [Symbol] | CAPPED PIPE |
| [Symbol] | [Symbol] | CLEAN OUT |

VALVES AND PIPING ACCESSORIES

- AUTOMATIC AIR VENT
- BACKFLOW PREVENTER
- BALL VALVE
- BUTTERFLY VALVE
- CHECK VALVE
- CONCENTRIC REDUCER
- DIRECTION OF FLOW
- ECCENTRIC REDUCER
- FLANGED CONNECTION
- FLEXIBLE CONNECTION
- FLOW METER
- GATE VALVE
- GLOBE VALVE
- ISOLATION VALVE (BALL VALVE FOR 2" & UNDER, BUTTERFLY VALVE FOR 2-1/2" AND LARGER)
- MANUAL AIR VENT
- METERED BALANCING VALVE W/ PRESSURE TAPS
- NEEDLE VALVE
- PIPE ANCHOR (W=WALL, C=CEILING, F=FLOOR)
- PIPE GUIDE
- PIPE SLEEVE
- PITCH
- PLUG VALVE
- PRESSURE GAUGE WITH GAUGE COCK
- PRESSURE REDUCING VALVE
- PRESSURE RELIEF VALVE
- PRESSURE/TEMPERATURE TEST PLUG
- SQUARE HEAD COCK
- STEAM TRAP
- STRAINER
- STRAINER W/ BLOW DOWN VALVE
- TWO-WAY CONTROL VALVE
- THREE-WAY CONTROL VALVE
- THERMOMETER
- UNION
- VACUUM BREAKER

PIPING SYSTEM ABBREVIATIONS

- CWS CHILLED WATER SUPPLY
- CWR CHILLED WATER RETURN
- HWS HOT WATER SUPPLY
- HWR HOT WATER RETURN
- CDWS CONDENSER WATER SUPPLY
- CDWR CONDENSER WATER RETURN
- D CONDENSATE DRAIN
- PD PUMPED CONDENSATE DRAIN
- RL REFRIGERANT LIQUID
- RS REFRIGERANT SUCTION
- RS/RL REFRIGERANT SUCTION/LIQUID

ABBREVIATIONS

- | | |
|--|---|
| AD ACCESS DOOR | HP HORSEPOWER |
| ADJ ADJUSTABLE | HR HOUR |
| AFF ABOVE FINISHED FLOOR | HSPF HEATING SEASONAL PERFORMANCE FACTOR |
| AFG ABOVE FINISHED GRADE | HTG HEATING |
| AFMS AIRFLOW MEASUREMENT STATION | IEER INTEGRATED ENERGY EFFICIENCY RATIO |
| ALT ALTERNATE | IN INCH |
| ALUM ALUMINUM | IPLV INTEGRATED PART LOAD VALUE |
| APPROX APPROXIMATE | KW KILOWATT |
| ARCH ARCHITECTURAL | LAT LEAVING AIR TEMPERATURE |
| AVG AVERAGE | LB POUND |
| BFF BELOW FINISHED FLOOR | LBS POUNDS |
| BFG BELOW FINISHED GRADE | LVG LEAVING |
| BFP BACKFLOW PREVENTER | LWT LEAVING WATER TEMPERATURE |
| BHP BRAKE HORSEPOWER | MAX MAXIMUM |
| BLDG BUILDING | MBH BTUH, THOUSANDS |
| BTU BRITISH THERMAL UNIT | MCDB MEAN COINCIDENT DRY BULB |
| BTUH BTU PER HOUR | MCWB MEAN COINCIDENT WET BULB |
| CFM CUBIC FEET PER MINUTE | MERV MINIMUM EFFICIENCY REPORTING VALUE |
| CLG COOLING | MIN MINIMUM |
| CONT CONTINUATION | MISC MISCELLANEOUS |
| COP COEFFICIENT OF PERFORMANCE | NA NOT APPLICABLE |
| DB DRY BULB | NC NOISE CRITERIA |
| DDC DIRECT DIGITAL CONTROL | NIC NOT IN CONTRACT |
| DEG DEGREE | NR NO REQUIREMENT |
| DIA DIAMETER | NTS NOT TO SCALE |
| DP DIFFERENTIAL PRESSURE | OFCI OWNER FURNISHED CONTRACTOR INSTALLED |
| DPT DEW POINT TEMPERATURE | PD PRESSURE DROP |
| DWG DRAWING | PRV PRESSURE REDUCING VALVE |
| DX DIRECT EXPANSION | PSI POUNDS PER SQUARE INCH |
| EAT ENTERING AIR TEMPERATURE | RBJ RUN BETWEEN JOISTS |
| ECM ELECTRONICALLY COMMUTATED MOTOR | REX REMOVE EXISTING |
| EER ENERGY EFFICIENCY RATIO | RH RELATIVE HUMIDITY |
| EMCS ENERGY MANAGEMENT CONTROL SYSTEM | RM ROOM |
| ENT ENTERING | RPM REVOLUTIONS PER MINUTE |
| ESP EXTERNAL STATIC PRESSURE | RTJ RUN THROUGH JOISTS |
| EWT ENTERING WATER TEMPERATURE | SEER SEASONAL ENERGY EFFICIENCY RATIO |
| EX EXISTING | SP STATIC PRESSURE |
| EXR EXISTING TO REMAIN | SQFT SQUARE FEET |
| FPM FEET PER MINUTE | TEMP TEMPERATURE |
| FT FEET | TYP TYPICAL |
| GA GAUGE | UON UNLESS OTHERWISE NOTED |
| GAL GALLON | VAV VARIABLE AIR VOLUME |
| GALV GALVANIZED | VFD VARIABLE FREQUENCY DRIVE |
| GFCI GOVERNMENT FURNISHED CONTRACTOR INSTALLED | W WITH |
| GPM GALLONS PER MINUTE | W/O WITHOUT |
| GR GRAINS OF MOISTURE | WG WATER GAUGE |

EVMS GYNECOLOGY

HOFHEIMER HALL SECOND FLOOR RENOVATION

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PROFESSIONAL SEAL

SUBMITTAL

03/26/24

FINAL SUBMITTAL

REVISIONS

SHEET

MECHANICAL LEGEND

M-001

DESIGN: JRB DRAWN: KFO REVIEW: MRK

CN 10376

GENERAL NOTES

- GENERAL NOTES ON THIS DRAWING ARE APPLICABLE TO EACH MECHANICAL DRAWING OF THIS SET. NOTES SPECIFIC TO INDIVIDUAL MECHANICAL DRAWINGS WILL BE SHOWN ON THE RESPECTIVE MECHANICAL DRAWING.
- PROVIDE A COMPLETE HVAC SYSTEM TO INCLUDE ALL LABOR, MATERIALS, TOOLS, AND EQUIPMENT FOR A COMPLETE AND FUNCTIONAL SYSTEM INCLUDING ALL NECESSARY APPURTENANCES CUSTOMARILY INCLUDED IF NOT SPECIFICALLY CALLED OUT.
- CONFORM WITH ALL APPLICABLE LAWS, CODES, AND REGULATIONS OF MUNICIPAL, STATE AND FEDERAL AUTHORITIES.
- CONFORM TO APPLICABLE ASHRAE, NFPA, AND SMACNA STANDARDS AND OTHER REGULATORY BODIES HAVING JURISDICTION OVER THE CLASS OF WORK
- MATERIALS AND EQUIPMENT SHALL HAVE STAMPS OR SEALS OF ARI, ASME, UL, AND ASTM.
- MAKE TESTS FOR ACCEPTANCE AND APPROVAL AS REQUIRED BY CODE AND THE REQUIREMENTS OF APPLICABLE REGULATORY AGENCIES. REQUIRED TESTS SHALL BE PERFORMED IN THE PRESENCE OF THE CONTRACTING OFFICER UNLESS OTHERWISE WAIVED IN WRITING.
- OBTAIN AND PAY FOR ALL PERMITS, LICENSES, DOCUMENTS, AND SERVICES RELATED TO INSTALLATION OF THE WORK.
- COORDINATE WORK WITH THE OTHER TRADES IN ORDER TO RESOLVE ANY CONFLICT THAT MIGHT ARISE DUE TO THE LOCATION OF EQUIPMENT OR THE USE OF SPACE
- EQUIPMENT OF HIGHER ELECTRICAL CHARACTERISTICS MAY BE SUBSTITUTED PROVIDED SUCH PROPOSED EQUIPMENT IS APPROVED IN WRITING AND CONNECTING ELECTRICAL SERVICE, CIRCUIT BREAKERS AND CONDUIT SIZES ARE APPROPRIATELY MODIFIED AT NO COST TO THE OWNER.
- RUN ALL HORIZONTAL PIPING AND DUCTWORK ABOVE CEILING UNLESS OTHERWISE NOTED.
- CUT OPENINGS, AS REQUIRED, IN THE EXISTING CONSTRUCTION FOR THE INSTALLATION OF PIPING, DUCTWORK, AND EQUIPMENT. PATCH AND REPAIR TO MATCH THE EXISTING ADJACENT CONSTRUCTION.
- MAKE DUCT PENETRATIONS OF ALL WALLS WITH SHEET METAL DUCTS. FLEXIBLE DUCT PENETRATIONS OF WALLS ARE NOT ACCEPTABLE.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF DIFFUSERS, REGISTERS, AND GRILLES. FINISH AND COLOR TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD PALETTE.
- DUCTWORK SIZES ARE INSIDE CLEAR DIMENSIONS.
- ALL ELBOWS IN DUCTWORK SHALL BE RADIUS ELBOWS UNLESS OTHERWISE NOTED. WHERE SQUARE ELBOWS ARE SHOWN, INSTALL DOUBLE WALL TURNING VANES. RADIUS ELBOWS SHALL HAVE A MINIMUM CENTERLINE RADIUS OF CURVATURE OF 1.5 TIMES DUCT WIDTH OR DIAMETER
- PROVIDE DYNAMIC FIRE DAMPERS IN ACCORDANCE WITH THEIR U.L. LISTING AND THE REQUIREMENTS OF NFPA-90A.
- DO NOT INSTALL EQUIPMENT, PIPING OR DUCTWORK OVER ANY ELECTRICAL EQUIPMENT OR ELECTRICAL SERVICE SPACE.
- LAYOUT OF PIPING AND DUCTWORK IS DIAGRAMMATIC. RUN ALL EXPOSED PIPING AND DUCTWORK AS HIGH AS POSSIBLE UNLESS OTHERWISE NOTED. ALLOW FOR RISES, DROPS AND OFFSETS AS REQUIRED.
- INSTALL MECHANICAL EQUIPMENT TO FACILITATE SERVICING, MAINTENANCE, AND REPAIR OR REPLACEMENT OF EQUIPMENT COMPONENTS. CONNECT EQUIPMENT FOR EASE OF DISCONNECTING, WITH A MINIMUM OF INTERFERENCE WITH OTHER INSTALLATIONS. PIPING SHALL NOT INTERFERE WITH FILTER PULL. MAINTAIN EQUIPMENT MANUFACTURER'S RECOMMENDED MINIMUM SERVICE CLEARANCE.
- MECHANICAL CONTRACTOR SHALL PROVIDE AUTOMATIC CONTROL DEVICES, SUCH AS TEMPERATURE SENSORS, RELAYS, PRESSURE SWITCHES WHICH ARE ASSOCIATED WITH MECHANICAL EQUIPMENT AND ASSOCIATED CONTROL WIRING FROM STARTER TO THE CONTROL DEVICE. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT AND WIRING FROM POWER SOURCE TO DISCONNECT SWITCH, FROM DISCONNECT SWITCH TO STARTER, AND FROM STARTER TO THE EQUIPMENT.
- ALL CONTROL WIRING EXCEPT IN EQUIPMENT ROOMS SHALL BE RUN CONCEALED. WIRING IN WALLS SHALL BE IN CONDUIT. ALL WIRING SHALL BE PLENUM RATED. CONTROL WIRING IN EXPOSED AREAS SHALL BE BUNDLED AND SECURED OR RUN IN CONDUIT. NO WIRING SHALL BE SURFACE MOUNTED IN FINISHED SPACES. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE.
- LOCATE THERMOSTATS 48" ABOVE FINISHED FLOOR OR AS NOTED ON THE PLANS.
- ALL VALVES ARE FULL LINE SIZE EXCEPT CONTROL AND BALANCING VALVES. SIZE CONTROL VALVES TO OPERATE ACROSS THE FULL RANGE OF FLOW AT THE COIL SERVED.
- PROVIDE PRESSURE/TEMPERATURE (P/T) PLUGS, WITH CAPS UP AND DOWNSTREAM OF ALL EQUIPMENT, AT THE SUPPLY AND RETURN TAPS OF ALL PIPING BRANCHES AND WHERE INDICATED. PROVIDE EXTENDED PLUGS AND LABELS WHERE PIPING IS INSULATED. PROVIDE REMOVABLE INSULATION PLUG.
- PROVIDE MANUAL AIR VENTS AT ALL HIGH POINTS AND THE ENDS OF ALL PIPING LOOPS. PROVIDE 1/2" DRAIN VALVES AT LOW POINTS IN PIPING. PROVIDE MINIMUM PITCH SUFFICIENT TO INSURE ADEQUATE VENTING AND DRAINING.
- PROVIDE FLUSHING VALVES AND TEES AT BOTH SIDES OF ALL EQUIPMENT. TAPS SHALL MATCH EQUIPMENT PIPING UP TO 1". FOR LARGER EQUIPMENT AND PIPE LOOPS PROVIDE 1 1/2" TAPS AND VALVES.
- ALL EQUIPMENT REMOVED FROM THE BUILDING, DURING DEMOLITION, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED.
- EXISTING DUCT, PIPE AND EQUIPMENT SIZES NOTED ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY AND ARE NOT WARRANTED TO BE CORRECT. FIELD VERIFY ALL EXISTING DUCT, PIPE AND EQUIPMENT SIZES AND THEIR RESPECTIVE LOCATIONS BEFORE PROCEEDING WITH ANY ASSOCIATED WORK.
- PRIOR TO SUBMITTING A PROPOSAL THE CONTRACTOR IS STRONGLY ENCOURAGED TO VISIT THE SITE AND THOROUGHLY INSPECT ALL EXISTING CONDITIONS TO ENSURE THAT THE WORK REPRESENTED ON THE DRAWINGS CAN BE INSTALLED AS INDICATED.
- COORDINATE COMMISSIONING REQUIREMENTS WITH COMMISSIONING AGENT. SEE SPEC SECTION 230800 FOR MORE INFORMATION.

DUCT CONSTRUCTION AND LEAKAGE SCHEDULE						
SYSTEM	SYSTEM DUCT TYPE	TYPE OF PRESSURE	SMACNA PRESSURE CLASS (IN WG)	SEAL CLASSIFICATION (PER SMACNA)	RECTANGULAR LEAKAGE CLASS (CFM/100 SQFT AT 1IN. WG)	ROUND AND FLAT OVAL LEAKAGE CLASS (CFM/100 SQFT AT 1IN. WG)
SUPPLY AIR DUCTWORK	FROM VAV AIR HANDLING UNIT TO INLET OF VAV TERMINAL UNIT	POSITIVE	4	A	4	2
SUPPLY AIR DUCTWORK	FROM VAV TERMINAL UNIT TO SUPPLY OUTLETS	POSITIVE	2	A	4	2
SUPPLY AIR DUCTWORK	FROM FAN COIL UNIT TO SUPPLY OUTLETS	POSITIVE	2	A	4	2
SUPPLY AIR DUCTWORK	FROM ENERGY RECOVERY UNIT TO SUPPLY OUTLETS	POSITIVE	4	A	4	2
RETURN AIR DUCTWORK	ALL RETURN DUCTWORK	NEGATIVE	3	A	4	2
EXHAUST AND OUTSIDE AIR DUCTWORK	DUCTWORK UNDER POSITIVE CONDITIONS	POSITIVE	3	A	4	2
EXHAUST AND OUTSIDE AIR DUCTWORK	DUCTWORK UNDER NEGATIVE CONDITIONS	NEGATIVE	3	A	4	2
TRANSFER AND RELIEF AIR DUCTWORK	DUCTWORK UNDER POSITIVE CONDITIONS	POSITIVE	2	A	4	2

OUTDOOR DESIGN CONDITIONS SCHEDULE		
SEASON	DB (°F)	WB (°F)
SUMMER	94	77
WINTER	24	-

INDOOR DESIGN CONDITIONS SCHEDULE			
SPACE TYPE	SUMMER	WINTER	SUMMER
	DB (°F)	DB (°F)	MAX RH (%)
GENERAL	75	72	50 +/- 10

NOTES:
1. ACTUAL CONDITIONS +/-2°F.
2. NIGHT SETBACK: 85°F COOLING, 55°F HEATING.

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PROFESSIONAL SEAL

SUBMITTAL

03/26/24

FINAL SUBMITTAL

REVISIONS

SHEET

MECHANICAL GENERAL NOTES & SCHEDULES

M-002

DESIGN: JRB DRAWN: KFO REVIEW: MRK

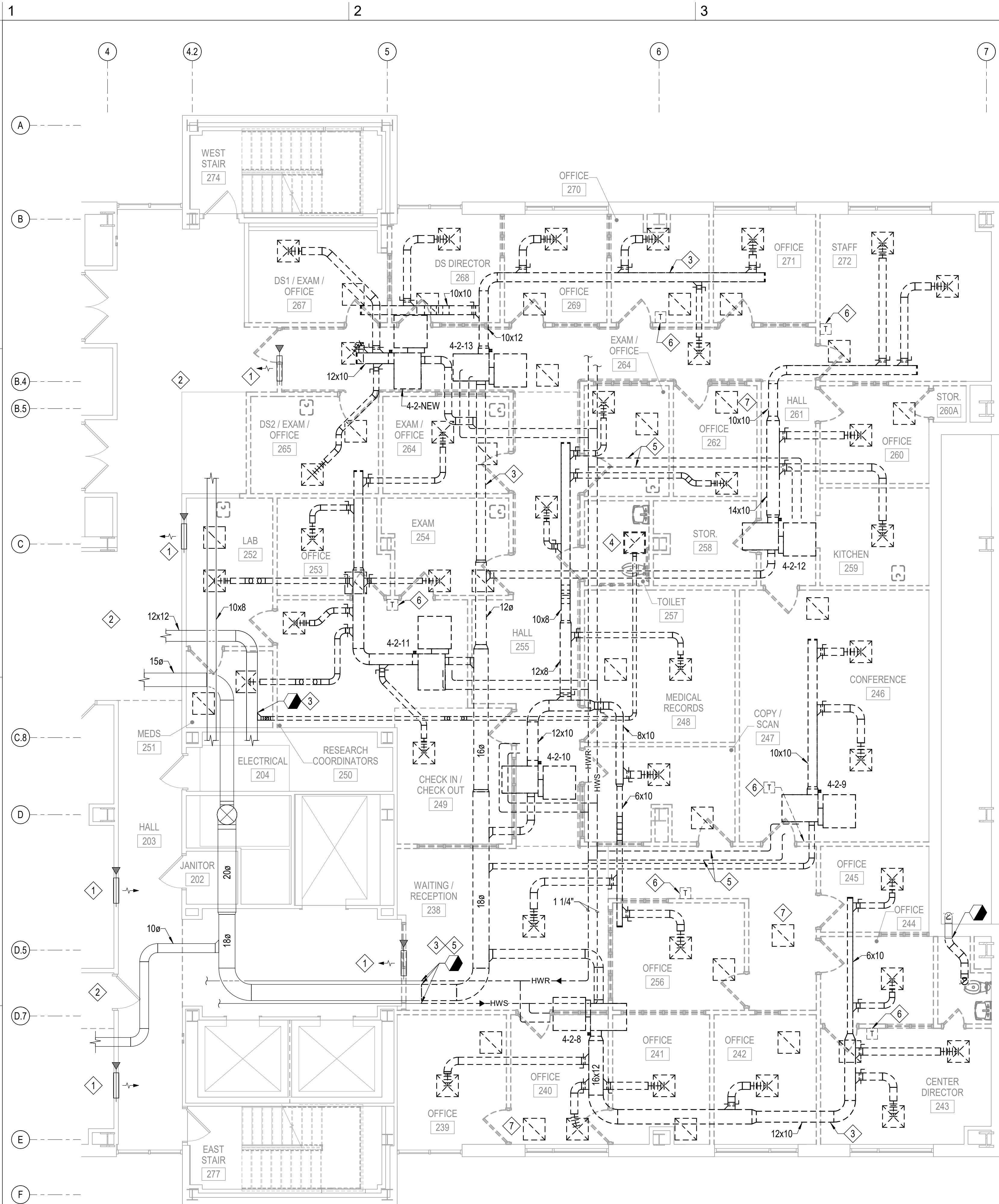
CN 10376

D

C

B

A



GENERAL NOTES

- 1 SEE SHEETS M-001 AND M-002 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
- 2 EXISTING WORK IS TO REMAIN UNLESS OTHERWISE NOTED.
- 3 THE BUILDING WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION. CONTRACTOR MUST PROTECT OCCUPIED SPACES FROM DUST AND DEBRIS DURING CONSTRUCTION.
- 4 ALL DUCT RUN-OUTS ARE SAME SIZE AS DIFFUSER CALLOUT UNLESS OTHERWISE NOTED.
- 5 ALL PIPE RUN-OUTS TO EQUIPMENT ARE 3/4" UNLESS OTHERWISE NOTED.

DEMOLITION KEY NOTES

- 1 EXR 24" X 12" TRANSFER AIR OPENING IN PARTITION ABOVE CEILING WITH FIRE DAMPER.
- 2 NOT ALL EXISTING EQUIPMENT, DUCTWORK AND PIPING ARE SHOWN. DISTRIBUTION DUCTWORK FOR VAV BOXES SERVING AREAS NOT IN CONTRACT ARE NOT SHOWN.
- 3 DEMOLISH DUCTWORK, VAV BOXES, ASSOCIATED SUPPORTS AND ACCESSORIES TO POINT SHOWN ON DRAWINGS. TYPICAL. PROVIDE TEMPORARY CAP.
- 4 DEMOLISH EXHAUST FAN, ASSOCIATED DUCTWORK, SUPPORTS, GRILLES AND ACCESSORIES.
- 5 DEMOLISH HW PIPING, ASSOCIATED SUPPORTS AND ACCESSORIES TO POINT SHOWN ON DRAWINGS. TYPICAL. PROVIDE TEMPORARY CAP.
- 6 DEMOLISH TEMPERATURE SENSOR AND ASSOCIATED CONTROL WIRING.
- 7 DEMOLISH RETURN GRILLE. TYPICAL.

GRAPHIC SCALE(S)



EVMS GYNECOLOGY

**HOFHEIMER HALL
SECOND FLOOR
RENOVATION**

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03/26/24

FINAL SUBMITTAL

REVISIONS

SHEET

**SECOND FLOOR DEMOLITION
PLAN**

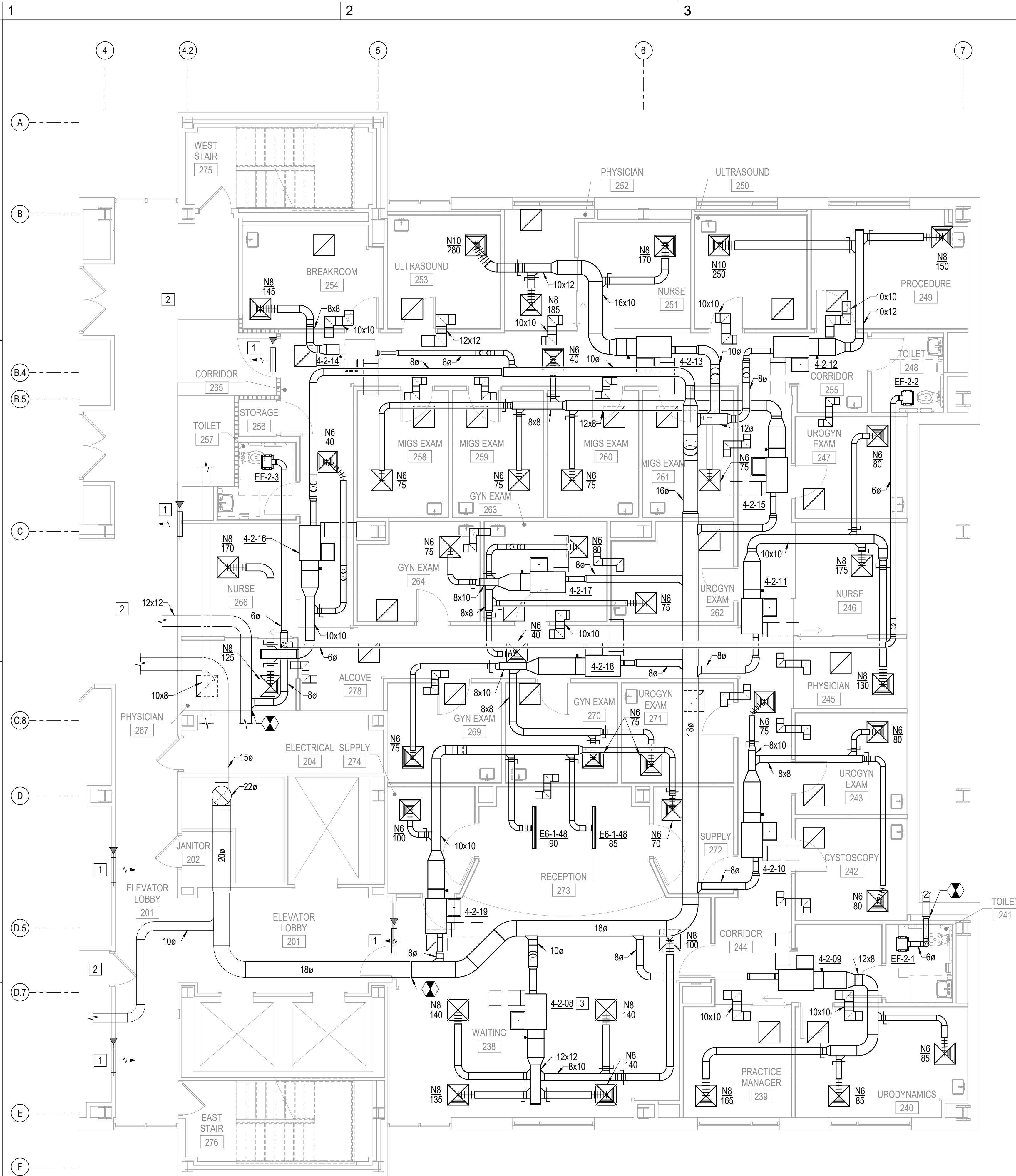
MD101

DESIGN: JRB
DRAWN: KFO
REVIEW: MRK

CN 10376

3/21/2024 9:45:04 AM
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SECOND FLOOR DEMOLITION PLAN
SCALE: 3/16" = 1'-0"



SECOND FLOOR DUCTWORK PLAN
 SCALE: 3/16" = 1'-0"

GENERAL NOTES

- SEE SHEETS M-001 AND M-002 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
- EXISTING WORK IS TO REMAIN UNLESS OTHERWISE NOTED.
- THE BUILDING WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION. CONTRACTOR MUST PROTECT OCCUPIED SPACES FROM DUST AND DEBRIS DURING CONSTRUCTION.
- ALL DUCT RUN-OUTS ARE SAME SIZE AS DIFFUSER CALLOUT UNLESS OTHERWISE NOTED.
- ALL RETURN GRILLES ARE G22/22 UNLESS OTHERWISE NOTED.
- ALL TRANSFER DUCTS ARE 8X8 UNLESS OTHERWISE NOTED.

KEY NOTES

- EXR 24" X 12" TRANSFER AIR OPENING IN PARTITION ABOVE CEILING WITH FIRE DAMPER.
- NOT ALL EXISTING EQUIPMENT, DUCTWORK AND PIPING ARE SHOWN. DISTRIBUTION DUCTWORK FOR VAV BOXES SERVING AREAS NOT IN CONTRACT ARE NOT SHOWN.
- LOCATE VAV BETWEEN BEAMS.

GRAPHIC SCALE(S)



EVMS GYNECOLOGY
**HOFHEIMER HALL
 SECOND FLOOR
 RENOVATION**
 825 FAIRFAX AVENUE
 NORFOLK, VA 23507

DESIGNER

CLARK NEXSEN
 4525 MAIN STREET, SUITE 1400
 VIRGINIA BEACH, VIRGINIA 23462
 757-455-5800

PROFESSIONAL SEAL

SUBMITTAL
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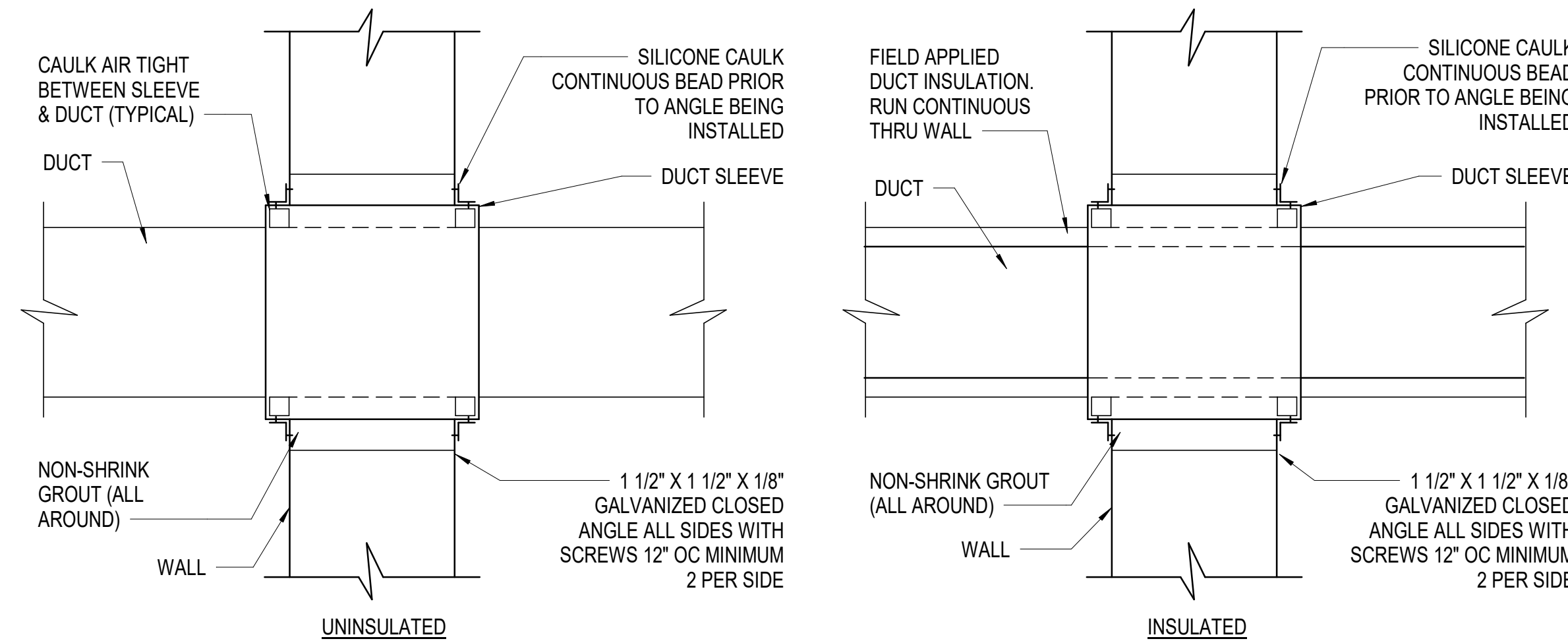
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SHEET
**SECOND FLOOR DUCTWORK
 PLAN**

MH101

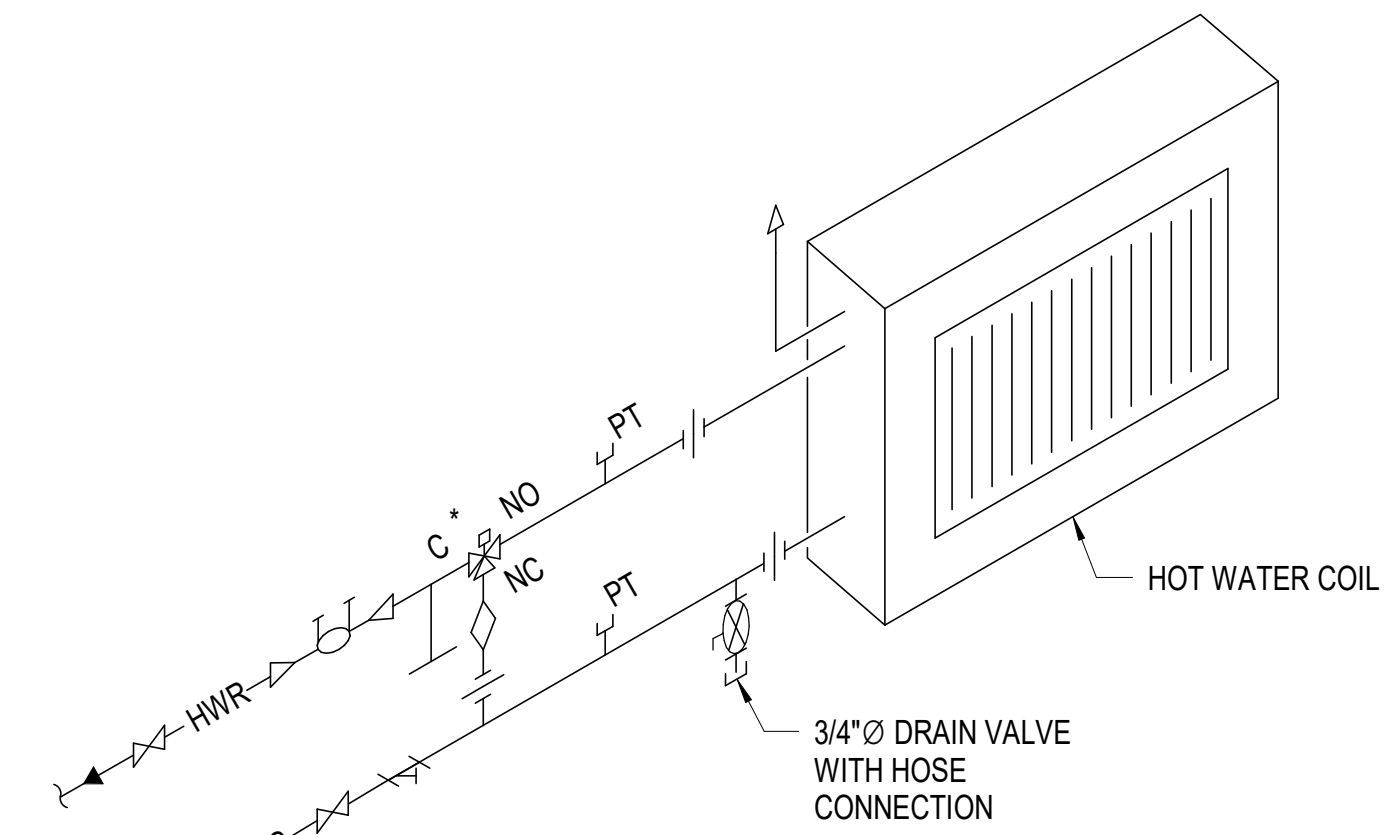
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DUCT WALL PENETRATION DETAIL

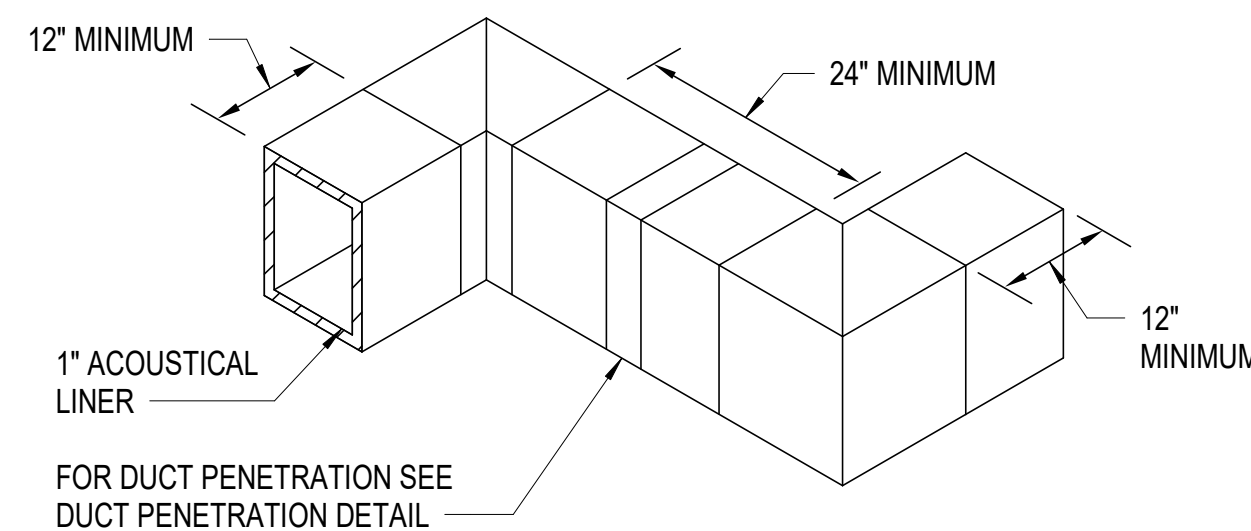
NOT TO SCALE



- NOTES:
1. THE METERED BALANCING VALVES SHALL BE INSTALLED BY THE CONTRACTOR IN CONFORMANCE WITH VALVE MANUFACTURER'S RECOMMENDED SPACING UP/DOWNSTREAM FROM PIPE CHANGES IN DIRECTION AND/OR OTHER VALVES/COMPONENTS IN THE PIPING.
 2. INSTALL COIL IN COUNTERFLOW CONFIGURATION.

HOT WATER COIL - 3 WAY VALVE PIPING DETAIL

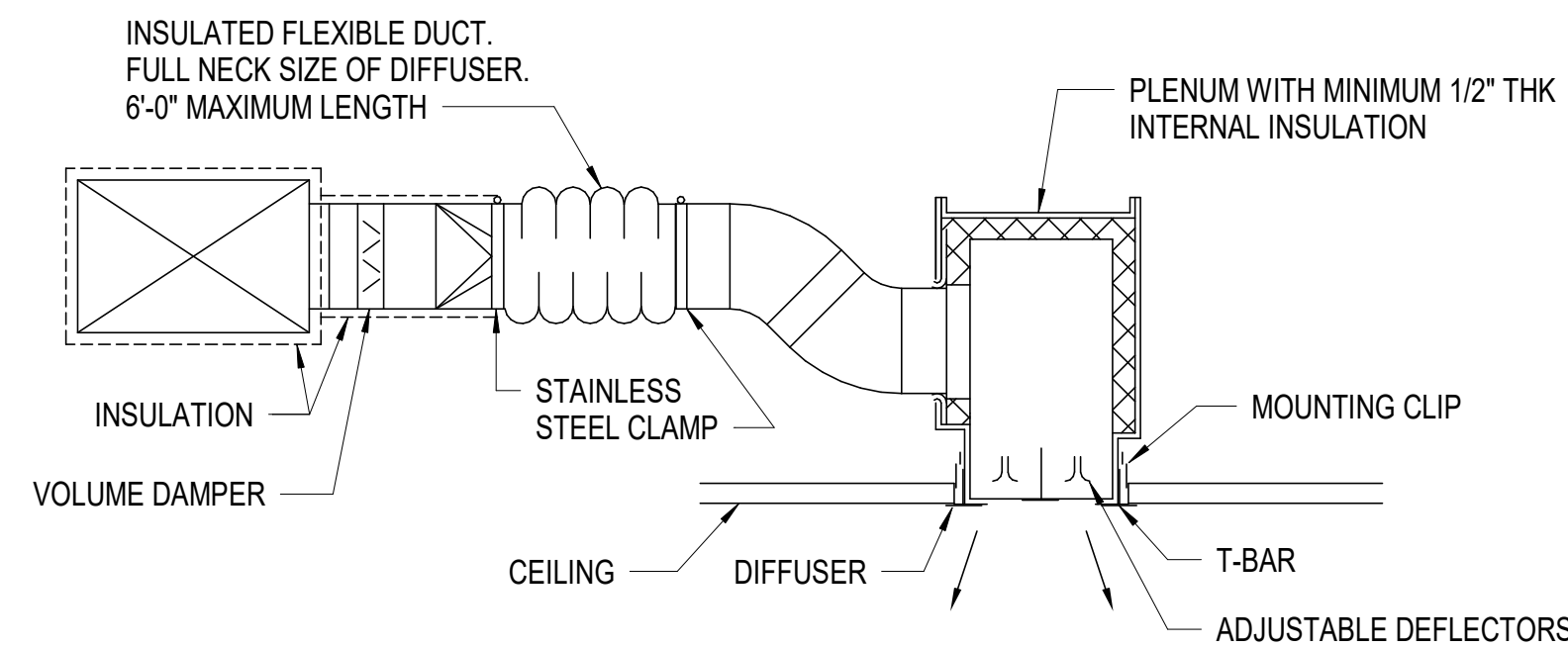
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NOTE:
 SIZE OF TRANSFER DUCT SHOWN ON PLAN INDICATES ACTUAL CLEAR INSIDE DIMENSIONS. SIZES OF TRANSFER DUCTS VARY.

ACOUSTICALLY LINED TRANSFER DUCT

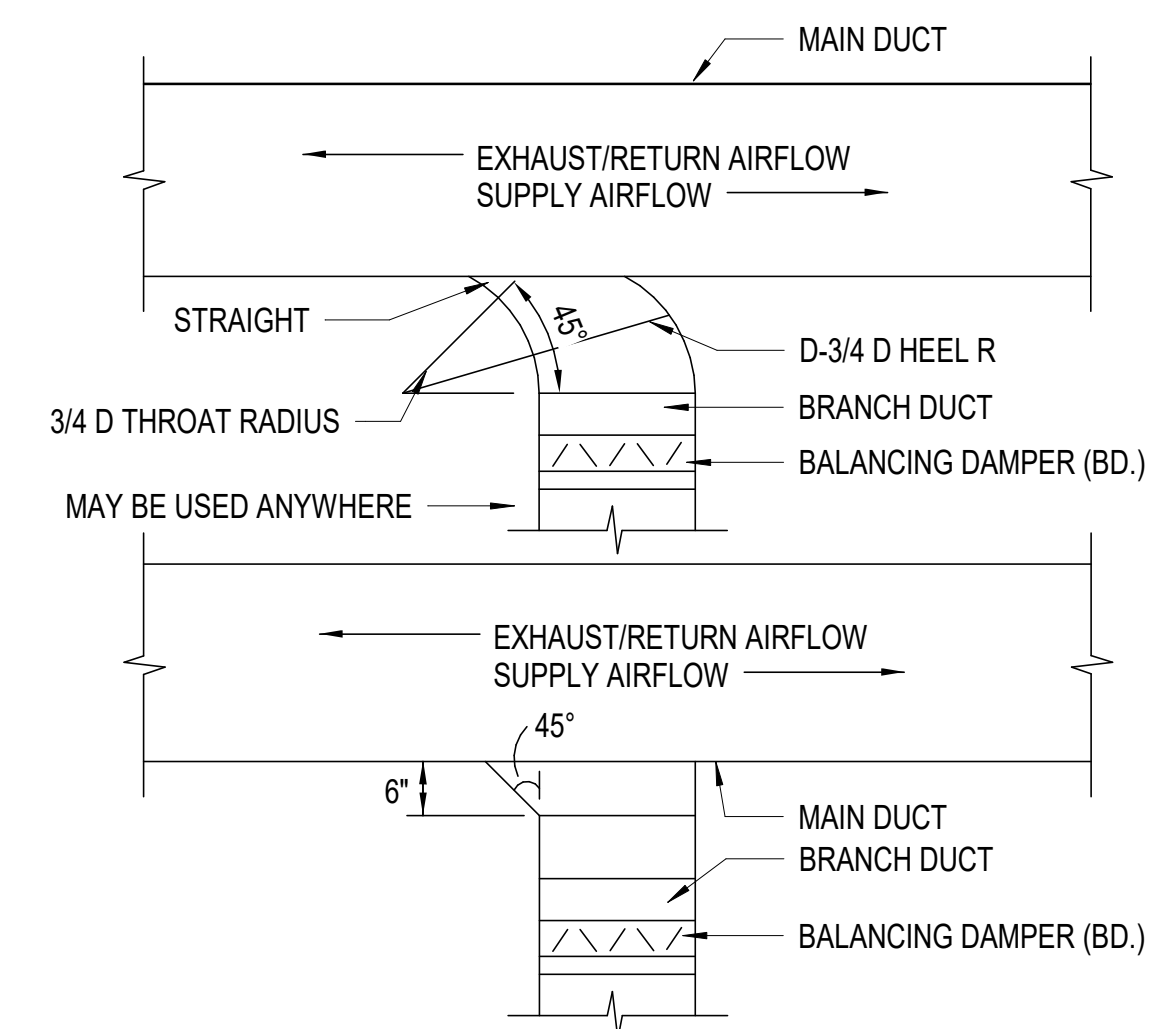
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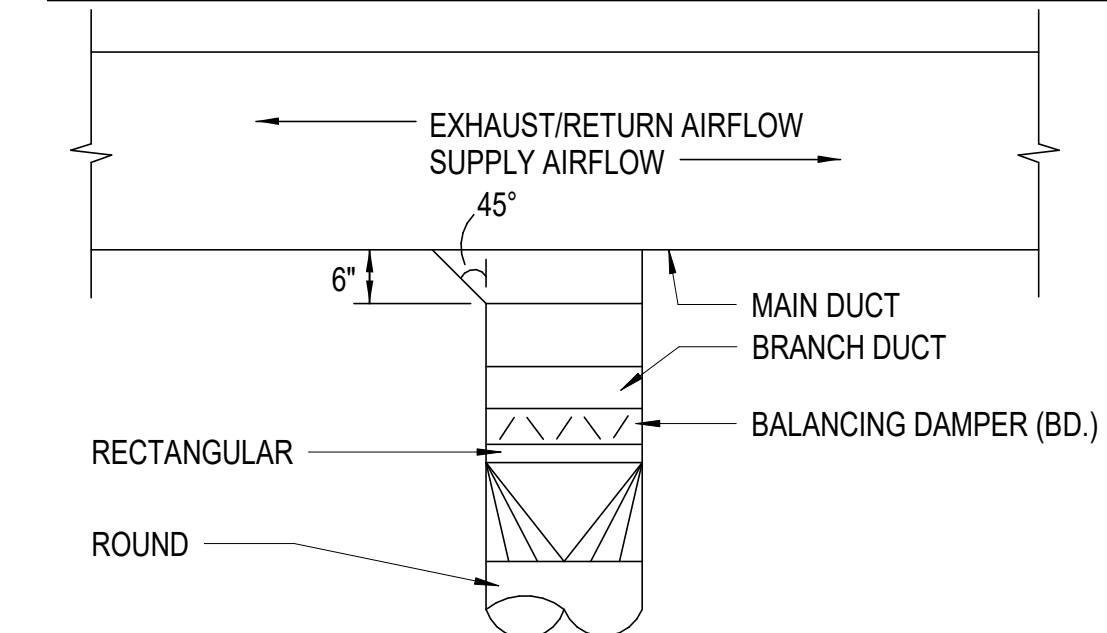
- NOTE:
1. SEE ARCHITECTURAL FOR CEILING AND GRID INSTALLATION DETAIL AND COORDINATE DIFFUSER INSTALLATION TO MATCH.
 2. TOTAL RADIUS OF ALL BENDS SHALL NOT EXCEED 90° (TOTAL).

CEILING DIFFUSER CONNECTION DETAIL

NOT TO SCALE



USE ONLY AT LAST TAKEOFF BEFORE OUTLETS & THEN ONLY WHERE RECTANGULAR RUNOUTS ARE INDICATED ON DRAWINGS

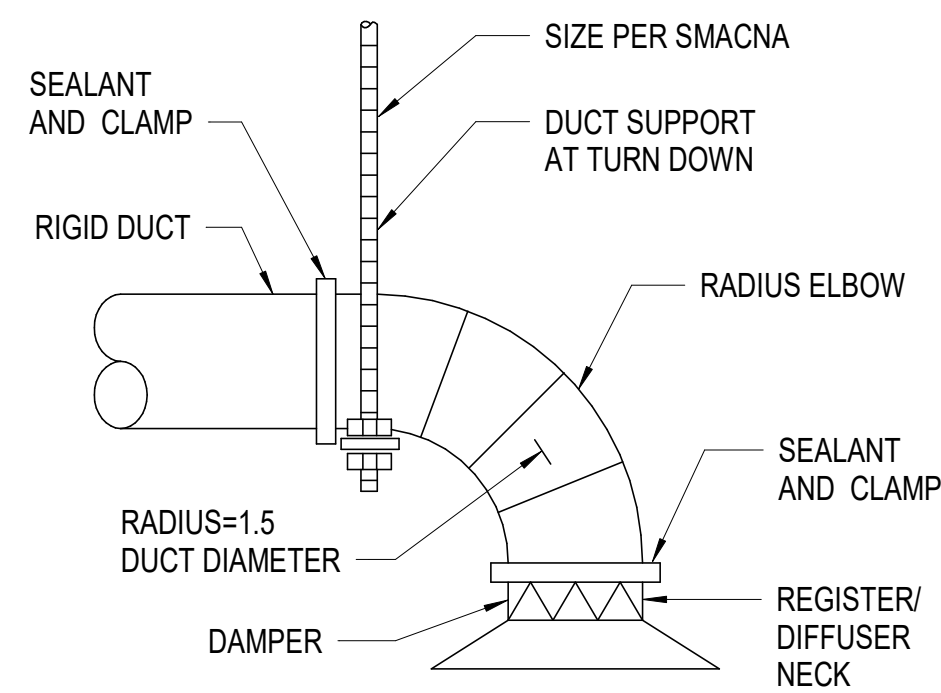


USE ONLY AT LAST TAKEOFF BEFORE OUTLETS & THEN ONLY WHERE ROUND RUNOUTS ARE INDICATED ON DRAWINGS

THIS CONNECTION SHALL BE USED AT ALL BRANCHES FROM MAINS AND SUB-MAINS. BALANCING DAMPERS SHALL BE PROVIDED AS SHOWN IN ADDITION TO THOSE INDICATED ON THE PLANS.

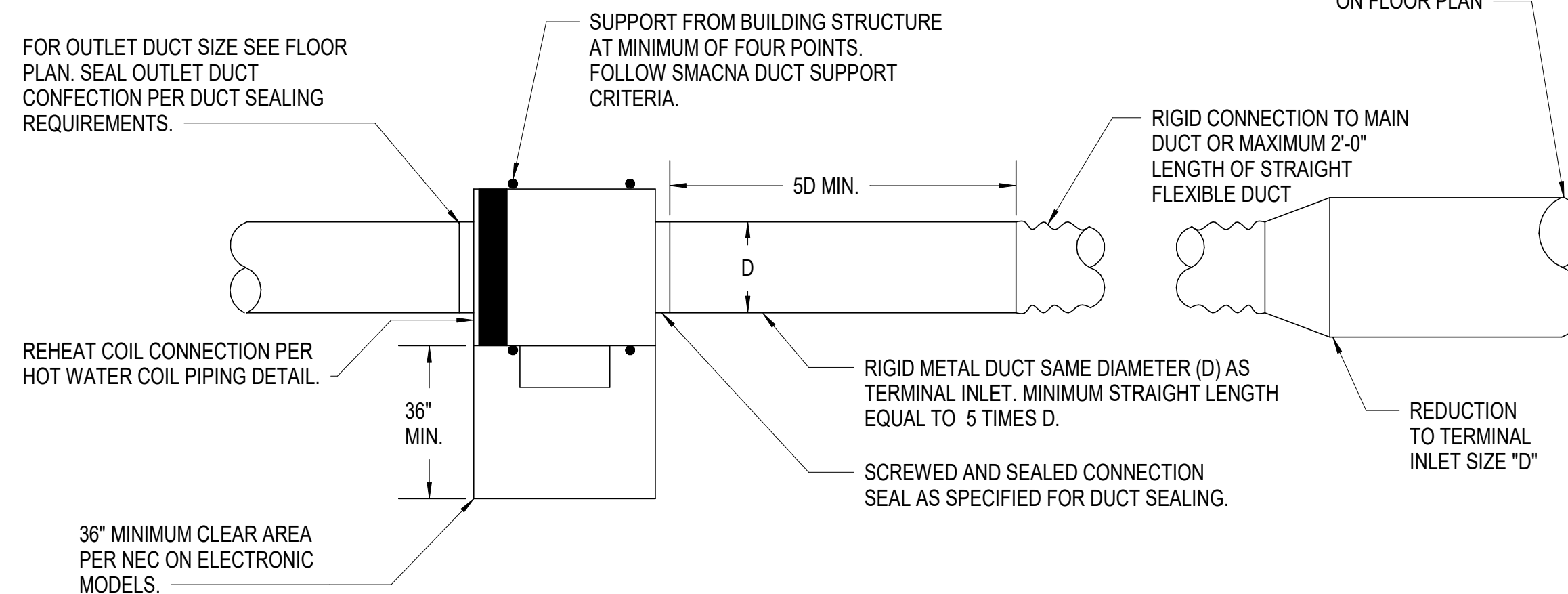
BRANCH CONNECTION DETAILS

NOT TO SCALE



DIFFUSER AND REGISTER DUCT CONNECTION DETAIL

NOT TO SCALE



VAV TERMINAL INSTALLATION DETAIL

NOT TO SCALE

HOFHEIMER HALL SECOND FLOOR RENOVATION

825 FAIRFAX AVENUE NORFOLK, VA 23507

DESIGNER



CLARK NEXSEN

4525 MAIN STREET, SUITE 1400 VIRGINIA BEACH, VIRGINIA 23462 757-455-5800

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DETAILS

M-501

DESIGN: JRB
DRAWN: KFO
REVIEW: MRK

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SERIES FAN POWERED VARIABLE AIR VOLUME BOX SCHEDULE

Table with columns: MARK, MIN INLET DIA (IN), SERVING, MIN INLET SP (IN WG), MAX RADIATED NOISE (NC), PRIMARY VOL. REG., FAN CAPACITY, HEATING COIL, MAX AIR FILTER PD (IN WG), NOTES. Includes rows for VAV-4-2-08 through VAV-4-2-19.

- NOTES: 1. COORDINATE WITH CONTROLS CONTRACTOR (TRANE). PROVIDE TRANE CONTROLLER. 2. PROVIDE CONTROL TRANSFORMER, FAN RELAY, DDC VOLUME REGULATORS, VARIABLE SPEED FAN CONTROL SWITCHES, AND WIRING TO CONTROLLER. 3. 115V/1Ø/60 HZ. PROVIDE SINGLE POINT ELECTRICAL CONNECTION WITH INTEGRAL DISCONNECT. 4. RADIATED NC IS BASED ON FAN PLUS AIR VALVE AT 0.75" INLET STATIC PRESSURE. 5. SOUND NC LEVEL SHALL COMPLY WITH ARI 855-1998. PROVIDE 1" FOIL-FACED INSULATION. 6. PROVIDE HOT WATER COIL. HEATING COIL ENTERING AND LEAVING AIR TEMPERATURES ARE BASED ON BOX MAXIMUM CFM. EWT = 180°F. 7. ESP INCLUDES SUPPLY DUCTWORK, DIFFUSERS AND DAMPERS. 8. UNITS SHALL BE SUSPENDED WITH 1" DEFLECTION SPRING ISOLATORS. 9. PROVIDE TRANE MODEL VSWF. 10. PROVIDE WITH MANUFACTURER'S STANDARD INSULATION AND SOUND ATTENUATOR. 11. PROVIDE BOTTOM ACCESS PANEL. COORDINATE CONNECTION SIDE WITH CONTRACTOR AND FLOOR PLANS.

AIR DEVICE SCHEDULE

Table with columns: MARK, MODULE SIZE (IN), SERVICE, MOUNTING, TYPE, MATERIAL, MAX PRESSURE DROP (IN WG), MAX NC, DAMPER TYPE, BASIS OF DESIGN (MANUFACTURER, MODEL), NOTES. Includes rows for E, G, N.

- NOTES: 1. FINISH TO BE STANDARD COLOR AS SELECTED BY THE ARCHITECT. 2. COORDINATE BORDER TYPES AND MOUNTING FRAMES WITH ARCHITECTURE. 3. MOLDED INSULATION BLANKET (R-8 MINIMUM). 4. 4-WAY THROW PATTERN UNLESS OTHERWISE NOTED ON FLOOR PLANS. 5. 1 OR 2-SLOT, 1" WIDTH, 4' LENGTH. SEE FLOOR PLANS FOR NUMBER OF SLOTS. 1-WAY THROW DIRECTION. SEE FLOOR PLANS. 6. ADJUSTABLE, HORIZONTAL PATTERN CONTROLLER. THROWS INDICATED ARE FOR ONE WAY THROW PATTERN AT A TERMINAL VELOCITY OF 100 FPM. 7. FACTORY INSULATED PLENUM ACCESSORY. NECK NIZE INDICATED ON FLOOR PLANS IS NOMINAL CONNECTION SIZE, REFER TO MANUFACTURER FOR EXACT INLET SIZE. 8. PROVIDE WITH RETURN AIR CANOPY. BASIS OF DESIGN: TITUS MODEL RCP.

FAN SCHEDULE

Table with columns: MARK, LOCATION, TYPE, CFM, ESP (IN WG), MAX RPM, MAX SONES, DRIVE, MAX MOTOR HP, GREENHECK MODEL #. Includes rows for EF-2-1, EF-2-2, EF-2-3.

- NOTES: 1. PROVIDE INTEGRAL FACTORY PREWIRED DISCONNECT. 2. 115V/1Ø/60 HZ. 3. PROVIDE WITH VARIABLE SPEED CONTROL SWITCH AND BACKDRAFT DAMPER.

HOFHEIMER HALL SECOND FLOOR RENOVATION

825 FAIRFAX AVENUE NORFOLK, VA 23507

DESIGNER



CLARK NEXSEN

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REVISIONS

SHEET

SCHEDULES

M-601

DESIGN: JRB DRAWN: KFO REVIEW: MRK

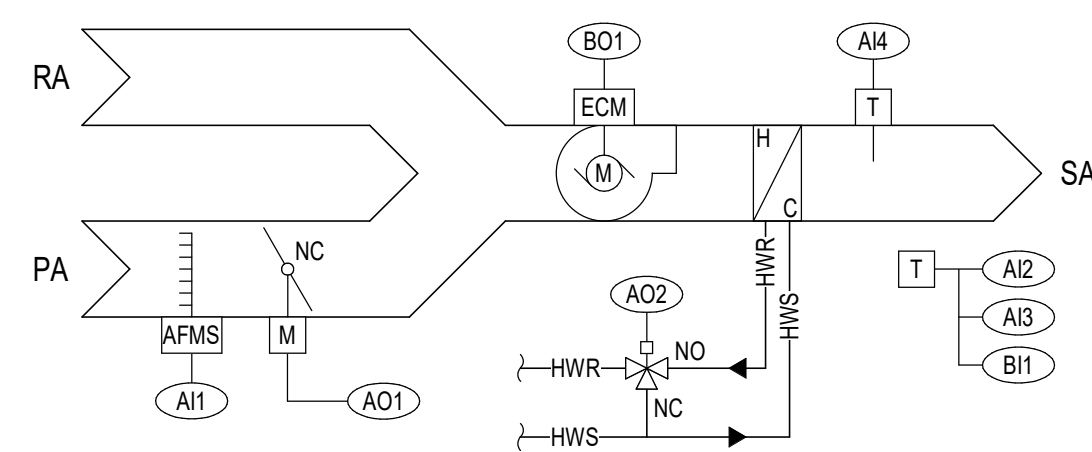
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D

C

B

A



FAN POWERED VAV TERMINAL UNIT DDC POINTS LIST

NAME	DESCRIPTION	TREND	ALARM	GRAPHIC
A1	ZONE PRIMARY AIRFLOW (CFM)	•		•
A2	ZONE TEMPERATURE (°F)	•	•	•
A3	ZONE LOCAL SETPOINT ADJUST (°F)		•	•
A4	SUPPLY AIR TEMPERATURE (°F)	•	•	•
AO1	PRIMARY AIR DAMPER COMMAND (%)	•		•
AO2	HOT WATER CONTROL VALVE COMMAND (%)	•		•
B1	LOCAL OCCUPANCY OVERRIDE		•	•
BO1	START / STOP COMMAND	•	•	•

SEQUENCE OF OPERATION:
THE VAV TERMINAL UNIT SHALL BE CONTROLLED BY THE EXISTING DDC SYSTEM AND SHALL BE AUTOMATICALLY SCHEDULED FOR OPERATION BASED ON EXISTING ADJUSTABLE OCCUPANCY SCHEDULE.

OCCUPIED MODE:
UPON ENTERING OCCUPIED MODE, THE SUPPLY FAN SHALL START, THE PRIMARY AIR DAMPER SHALL MODULATE TO MINIMUM POSITION, AND THE ZONE TEMPERATURE SETPOINTS SHALL BE INDEXED TO THEIR OCCUPIED VALUES:

- OCCUPIED COOLING SETPOINT: 75°F (ADJ.)
- OCCUPIED HEATING SETPOINT: 72°F (ADJ.)

UNOCCUPIED MODE:
UPON ENTERING UNOCCUPIED MODE, THE SUPPLY FAN SHALL STOP, THE PRIMARY AIR DAMPER SHALL FULLY CLOSE, AND THE ZONE TEMPERATURE SETPOINTS SHALL BE INDEXED TO THEIR UNOCCUPIED VALUES:

- UNOCCUPIED COOLING SETPOINT: 80°F (ADJ.)
- UNOCCUPIED HEATING SETPOINT: 65°F (ADJ.)

ON A CALL FOR COOLING IN THE UNOCCUPIED MODE, THE PRIMARY AIR DAMPER SHALL MODULATE OPEN TO ITS MINIMUM POSITION, THE SUPPLY FAN SHALL START, AND THE COOLING CONTROL LOOP SHALL MAINTAIN THE ACTIVE ZONE TEMPERATURE SETPOINT.

ON A CALL FOR HEATING IN THE UNOCCUPIED MODE THE SUPPLY FAN SHALL START AND THE HEATING CONTROL LOOP SHALL MAINTAIN THE ACTIVE ZONE TEMPERATURE SETPOINT. THE PRIMARY DAMPER SHALL REMAIN FULLY CLOSED.

WHEN THE UNOCCUPIED ZONE TEMPERATURE SETPOINT IS SATISFIED, THE SUPPLY FAN SHALL STOP AND THE PRIMARY AIR DAMPER SHALL CLOSE.

ZONE OPTIMAL START:
THE ZONE SHALL USE AN OPTIMAL START ALGORITHM FOR MORNING WARM-UP / COOL-DOWN IN CONJUNCTION WITH ITS ASSOCIATED AIR HANDLING UNIT. THE ALGORITHM SHALL MINIMIZE THE UNOCCUPIED WARM-UP OR COOL-DOWN PERIOD WHILE STILL ACHIEVING OCCUPIED ZONE TEMPERATURE SETPOINTS BY THE START OF THE SCHEDULED OCCUPIED PERIOD. DURING MORNING WARM-UP THE PRIMARY AIR DAMPER SHALL REMAIN CLOSED.

FAN SPEED CONTROL:
WHEN COMMANDED TO RUN, THE SUPPLY FAN SHALL OPERATE AT A CONSTANT VOLUME. THE DDC SYSTEM SHALL HAVE THE ABILITY TO ADJUST FAN SPEED REMOTELY. ON DETECTION OF PRODUCTS OF COMBUSTION AT THE ASSOCIATED AIR HANDLER, THE DDC CONTROLLER SHALL CLOSE ALL ASSOCIATED VAV BOX DAMPERS AND DISABLE THE TERMINAL UNIT FAN(S).

- PROVIDE THE FOLLOWING ALARMS:
- FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF.
 - FAN IN-HAND: COMMANDED OFF, BUT THE STATUS IS ON.

FAN POWERED VAV TERMINAL UNIT CONTROLS DIAGRAM

NOT TO SCALE

COOLING:
ON A RISE IN ZONE TEMPERATURE ABOVE THE ACTIVE COOLING SETPOINT, THE PRIMARY AIR DAMPER SHALL MODULATE OPEN TO MAINTAIN THE ZONE TEMPERATURE SETPOINT. ON A FALL IN ZONE TEMPERATURE BELOW THE ACTIVE COOLING SETPOINT, THE REVERSE SHALL OCCUR UNTIL THE PRIMARY AIR DAMPER IS AT ITS MINIMUM POSITION.

- PROVIDE THE FOLLOWING ALARMS:
- HIGH ZONE TEMPERATURE: THE ZONE TEMPERATURE IS MORE THAN 5°F (ADJ.) ABOVE THE ACTIVE COOLING SETPOINT FOR LONGER THAN 15 MINUTES (ADJ.)

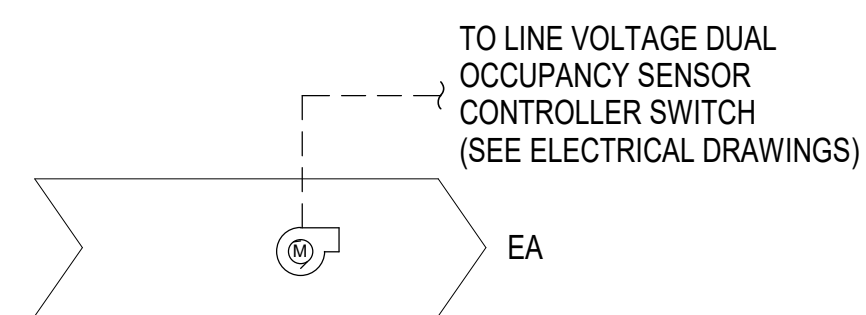
HEATING:
ON A FALL IN ZONE TEMPERATURE BELOW THE ACTIVE HEATING SETPOINT, THE HOT WATER CONTROL VALVE SHALL MODULATE OPEN TO MAINTAIN THE ACTIVE ZONE TEMPERATURE SETPOINT WHILE THE PRIMARY AIR DAMPER REMAINS AT MINIMUM POSITION. ON A RISE IN ZONE TEMPERATURE ABOVE THE ACTIVE HEATING SETPOINT, THE HOT WATER CONTROL VALVE SHALL FULLY CLOSE. LIMIT LEAVING AIR TEMPERATURE TO 90°F FOR BOTH OCCUPIED AND UNOCCUPIED MODES.

- PROVIDE THE FOLLOWING ALARMS:
- LOW ZONE TEMPERATURE: THE ZONE TEMPERATURE IS MORE THAN 5°F (ADJ.) BELOW THE ACTIVE HEATING SETPOINT FOR LONGER THAN 15 MINUTES (ADJ.)
 - HIGH SUPPLY AIR TEMPERATURE: SUPPLY AIR TEMPERATURE IS GREATER THAN 95°F (ADJ.) FOR LONGER THAN 15 MINUTES (ADJ.)

UNOCCUPIED OVERRIDE:
WHEN THE UNOCCUPIED OVERRIDE BUTTON IS DEPRESSED ON THE ZONE TEMPERATURE SENSOR, THE ZONE TEMPERATURE SETPOINTS SHALL BE INDEXED TO THEIR OCCUPIED VALUES FOR 60 MINUTES (ADJ.), AFTER WHICH, NORMAL UNOCCUPIED OPERATION SHALL RESUME.

MISCELLANEOUS MONITORING:
THE DDC SYSTEM SHALL CONTINUOUSLY MONITOR THE FOLLOWING POINTS:

- ZONE PRIMARY AIRFLOW
- PRIMARY AIR DAMPER POSITION
- HOT WATER CONTROL VALVE POSITION



SEQUENCE OF OPERATION

WHEN THE OCCUPANCY SENSOR SENSES AN OCCUPANT, THE EXHAUST FAN SHALL START AND RUN CONTINUOUSLY. WHEN THE OCCUPANCY SENSOR NO LONGER SENSES AN OCCUPANT, THE FAN SHALL STOP.

TOILET ROOM EXHAUST FAN CONTROL DIAGRAM

NOT TO SCALE

HOFHEIMER HALL SECOND FLOOR RENOVATION

825 FAIRFAX AVENUE
NORFOLK, VA 23507

DESIGNER



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REVISIONS

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CONTROLS

M-801

DESIGN: JRB
DRAWN: KFO
REVIEW: MRK

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GENERAL

	DEMOLITION NOTE IDENTIFICATION
	CONSTRUCTION NOTE IDENTIFICATION
	HALFTONE SOLID INDICATES EXISTING ITEM AND/OR NO WORK ON SHEET
	DARK AND DASHED INDICATES ITEM TO BE REMOVED (SEE LEGEND NOTE 5)
	DARK AND SOLID INDICATES NEW ITEM
	POINT OF DEMOLITION
	POINT OF CONNECTION, NEW-TO-EXISTING (SEE LEGEND NOTE 2)
	BREAK ROOM ROOM NAME/NUMBER

ABBREVIATIONS

A	AMPERE	MC	METAL-CLAD CABLE
AF	AMPERE FRAME	MCA	MINIMUM CIRCUIT AMPACITY
AFF	ABOVE FINISHED FLOOR	MCB	MAIN CIRCUIT BREAKER
AFG	ABOVE FINISHED GRADE	MIN	MINIMUM
AT	AMPERE TRIP	MLO	MAIN LUG ONLY
AWG	AMERICAN WIRE GAUGE	MOPP	MAXIMUM OVERCURRENT PROTECTION
BLDG	BUILDING	MT	MOUNT
BRKR	BREAKER	MTD	MOUNTED
C	CONDUIT	MTG HT	MOUNTING HEIGHT
CB	CIRCUIT BREAKER	NAC	NOTIFICATION APPLIANCE CIRCUIT
CCT	CORRELATED COLOR TEMPERATURE	NEC	NATIONAL ELECTRICAL CODE
CKT	CIRCUIT	NESC	NATIONAL ELECTRICAL SAFETY CODE
CRI	COLOR RENDERING INDEX	NEU	NEUTRAL
DISC SW	DISCONNECT SWITCH	NF	NON FUSIBLE
DWG	DRAWING	NIC	NOT IN CONTRACT
EA	EACH	NTS	NOT TO SCALE
EC	EMPTY CONDUIT	OC	OCCUPANCY SENSOR
EF	EXHAUST FAN	P	POLE
ELEC	ELECTRICAL	PH	PHASE
EMT	ELECTRICAL METALLIC TUBING	PNL	PANEL
EQUIP	EQUIPMENT	QTY	QUANTITY
ETR	EXISTING TO REMAIN	REC.	RECEPTACLE
EWC	ELECTRIC WATER COOLER	RECEPT	
EXIST	EXISTING	REQ'D	REQUIRED
FC	FOOTCANDLE	RM	ROOM
FLA	FULL LOAD AMPS	SC	SPLIT CIRCUIT (SEE LEGEND NOTE 2)
FMC	FLEXIBLE METAL CONDUIT	SW	SWITCH
FT	FEET	TEL	TELEPHONE
GFI	GROUND FAULT INTERRUPTER	TELECOM	TELECOMMUNICATIONS
GND	GROUND	TTB	TELEPHONE TERMINAL
GRS	GALVANIZED RIGID METAL CONDUIT	TV	TELEVISION
HH	HANDHOLE	TYP	TYPICAL
HP	HORSEPOWER	UON	UNLESS OTHERWISE NOTED
IMC	INTERMEDIATE METAL CONDUIT	V	VOLTAGE OR VOLTS
KAIC	THOUSAND AMP CAPACITY, RMS SYMMETRICAL	VAC	VOLTS ALTERNATING CURRENT
KCMIL	THOUSAND CIRCULAR MILS	VDC	VOLTS DIRECT CURRENT
KVA	KILOVOLT AMPERE	W	WIRE
LED	LIGHT EMITTING DIODE	X	IN SCHEDULES, ITEM NOT APPLICABLE
LTG	LIGHTING	XFMR	TRANSFORMER
LTS	LIGHTS	Ø	PHASE

LIGHTING

z1	A	LIGHTING FIXTURE TAGS.
+9'-6"	a	• 'A' UPPERCASE LETTER INDICATES LIGHTING FIXTURE TYPE, SEE LIGHTING FIXTURE SCHEDULE ON SHEET EL601.
		• 'a' LOWERCASE LETTER INDICATES LIGHTING CONTROL ZONE.
		• +9'-6" INDICATES MOUNTING HEIGHT AFF.
		1. PENDANT MOUNTING HEIGHT TO BOTTOM OF FIXTURE.
		2. WALL MOUNTING HEIGHT TO CENTER OF FIXTURE.
		LIGHTING FIXTURE (—H INDICATES BRACKET, WALL MOUNTED FIXTURES).
		EMERGENCY LIGHTING FIXTURE (—H INDICATES BRACKET, WALL MOUNTED FIXTURES), PROVIDE UL 1008 RELAY WITH DIMMING BYPASS WHERE CONNECTED TO DIMMED FIXTURE, PER ROOM. (SEE LEGEND NOTE 3).
		EXIT LIGHTING FIXTURE TYPE X, UON. ARROW, WHEN USED, INDICATES DIRECTION (— INDICATES BRACKET, WALL MOUNTED FIXTURES). FILLED IN QUADRANT(S) OF SYMBOL INDICATES NUMBER AND ORIENTATION OF ILLUMINATED FACES (SEE LEGEND NOTE 3).
Sos		LINE VOLTAGE DUAL OCCUPANCY SENSOR CONTROLLER SWITCH (ULTRASONIC AND INFRARED), 20 A, 120-277 V. MOUNT 46" AFF UON.
Sos2		LINE VOLTAGE DUAL OCCUPANCY SENSOR CONTROLLER SWITCH (ULTRASONIC AND INFRARED) WITH 2 CONTACT OUTPUTS, 20 A, 120-277 V. MOUNT 46" AFF UON.
Sdos		LINE VOLTAGE DUAL OCCUPANCY SENSOR DIMMER SWITCH (ULTRASONIC AND INFRARED), 20 A, 120-277 V. MOUNT 46" AFF UON.
S		LINE VOLTAGE SINGLE POLE SWITCH, 20A, 120/277V. MOUNT 46" AFF UON.
S3		LINE VOLTAGE THREE-WAY SWITCH, 20A, 120/277V. MOUNT 46" AFF UON.
Sd		LINE VOLTAGE DIMMER SWITCH (WATTAGE AS REQUIRED TO CONTROL THE FIXTURE(S) CONNECTED UON). MOUNT 46" AFF UON.

POWER DEVICES

+60	TV	RECEPTACLE DEVICE TAG: • +60 INDICATES MOUNTING HEIGHT IN INCHES AFF. • TV INDICATES FOR TELEVISION OUTLET, MOUNT AT 60" AFF.
		DUPLEX CONVENIENCE RECEPTACLE, HOSPITAL GRADE, 20A, 125VAC. MOUNT 18" AFF UON.
		QUADRUPLEX CONVENIENCE RECEPTACLE, HOSPITAL GRADE, MOUNTED IN TWO-GANG OUTLET BOX - EACH RATED 20A, 125 VOLTS WITH SINGLE COVER PLATE. MOUNT 18" AFF UON.
		FLUSH POKE-THRU POWER OUTLET FLOOR BOX WITH MINIMUM FIRE RATING OF THE FLOOR ASSEMBLY. QUADRUPLEX CONVENIENCE RECEPTACLE, HOSPITAL GRADE, 20 A, 125 VAC.
		DEVIATIONS OF THE ABOVE RECEPTACLE TYPES • MOUNT 46" AFF OR 6" ABOVE BACKSPASH OR COUNTERTOP WHERE COUNTER IS INDICATED.
		• INTERNAL GROUND FAULT (GFI) PROTECTION.
		• INTERNAL GROUND FAULT (GFI) PROTECTION AND MOUNT 46" AFF OR 6" ABOVE BACKSPASH OR COUNTERTOP WHERE COUNTER IS INDICATED.
		• WITH ONE USB TYPE A AND ONE USB TYPE C OUTLETS WITH INTEGRAL TRANSFORMER.

EQUIPMENT CONNECTIONS

AHU-1	EQUIPMENT MARK - SEE EQUIPMENT CONNECTION SCHEDULE SHEET EP601.
	EQUIPMENT CONNECTION AS NOTED. FOR MECHANICAL/PLUMBING EQUIPMENT: DISCONNECT SWITCHES, STARTERS, ASD'S AND OTHER REQUIRED COMPONENTS FOR THE OPERATION OF THE EQUIPMENT MUST BE FURNISHED BY THE MECHANICAL/PLUMBING CONTRACTOR. PROVIDE CONDUIT AND WIRING FROM THE POWER SOURCE TO THE DISCONNECT SWITCH, FROM THE DISCONNECT SWITCH TO THE STARTER/ASD, AND FROM THE STARTER/ASD TO THE FINAL EQUIPMENT CONNECTION.
	DISCONNECT SWITCH. REFER TO EQUIPMENT CONNECTION SCHEDULE SHEET EP601 FOR SIZE AND TYPE. OTHERWISE, PROVIDE 600V IN NEMA 1 ENCLOSURE UON. 3P = NO. OF POLES, 60 = SWITCH RATING, 40 = FUSE RATING (NF INDICATES NON-FUSIBLE) (SEE LEGEND NOTE 4).
	DISCONNECT SWITCH PROVIDED INTEGRAL WITH EQUIPMENT
SM	MOTOR RATED SWITCH. MOUNT NEAR UNIT.

WIRE, CONDUIT AND RACEWAY

	BRANCH CIRCUIT OR FEEDER WIRING IN CONDUIT. NO LABEL INDICATES 2#12 CONDUCTORS & #12 GND IN 1/2" CONDUIT. CONDUIT LARGER THAN 1/2" CONDUIT, CONDUCTOR QUANTITY MORE THAN 3, OR WIRE SIZE LARGER THAN #12 SHALL BE AS INDICATED (SEE LEGEND NOTE 1). PROVIDE SWITCH LEG CONDUCTORS FOR LIGHTING FIXTURES CONTROLS WHERE REQUIRED.
L2A-1.3	HOMERUNS TO PANEL. PANEL AND CIRCUIT DESIGNATIONS AS INDICATED.
	INDICATES A CONDUIT RUN CONCEALED IN CEILING, WALL, FLOOR OR ABOVE SUSPENDED CEILING UON.

DISTRIBUTION

	PANELBOARD - 208Y/120V, UON. DASHED AREA INDICATES CLEARANCE ZONE.
	PANELBOARD - 480Y/277V, UON. DASHED AREA INDICATES CLEARANCE ZONE.
	DRY-TYPE TRANSFORMER. SOLID HATCH INDICATES FRONT.

TELEPHONE & DATA SYSTEMS

	TELECOM DEVICES BELOW TO BE PROVIDED WITH THE FOLLOWING:
	1. 4" SQUARE, 2-1/2" DEEP JUNCTION BOX WITH SINGLE-GANG PLASTER RING, UON.
	2. PROVIDE CONTINUOUS 1-1/4" EMT TO NEAREST ACCESSIBLE MAJOR PATHWAY SYSTEM, UON.
	3. MOUNT 18" AFF, UON.
	4. TELECOM DEVICE TAG: • 'c' LOWERCASE 'c' INDICATES TO MOUNT 46" AFF OR 6" ABOVE BACKSPASH OR COUNTERTOP WHERE COUNTER IS INDICATED. • +42 INDICATES TO MOUNT 42" AFF • 'TV' INDICATES TO MOUNT 60" AFF
+42 WP	COMBINATION DATA / VOICE WAO. SUBSCRIPT INDICATES TYPE.
	VOICE ONLY WAO. MOUNT 46" AFF, UON
	TERMINAL 3/4" FIRE RESISTANT BACKBOARD
	GROUND BAR.
	WIRELESS ACCESS POINT

ELECTRONIC SECURITY SYSTEMS

	CARD READER
	DOOR RELEASE
	LOCK POWER SUPPLY
	ELECTRIC STRIKE
	DOOR SWITCH
	REQUEST TO EXIT - OCCUPANCY
	INTERCOM
	CEILING MOUNTED CAMERA

GENERAL NOTES

- WIRING IN CONDUIT, MINIMUM SIZE ONE-HALF (1/2) INCH WITH LARGER SIZES AS INDICATED OR REQUIRED BY NEC.
- WIRE AND CABLE MUST BE #12 AWG MINIMUM.
- FOR PURPOSES OF MOUNTING ELECTRICAL EQUIPMENT OR DEVICES IN AREAS WITH RAISED FLOORING OR RAISED PLATFORMS, THE TOP OF THE RAISED FLOOR SURFACE MUST BE CONSIDERED THE FINISHED FLOOR LEVEL.
- OPENINGS CREATED IN A FIRE OR SMOKE RATED WALL OR FLOOR BY PROVISION OF ANY ELECTRICAL DEVICE OR CONDUIT MUST BE SEALED AFTER THE WORK IS COMPLETED WITH A UL APPROVED FIRE/SMOKE SEALANT TO RE-ESTABLISH THE PREVIOUS RATING OF THE WALL OR FLOOR. SEE ARCHITECTURAL PLANS FOR FIRE RATED WALLS/FLOORS AND THEIR RATING.
- COORDINATE EXACT LOCATION OF CEILING MOUNTED LIGHTING FIXTURES AND SPEAKERS WITH ARCHITECTURAL REFLECTED CEILING PLANS.
- 20A, 120V BRANCH CIRCUIT VOLTAGE DROP MINIMUM SIZES:
a. #10 AWG FROM 100' TO 150'
b. #8 AWG FROM 151' TO 250'

LEGEND NOTES

- WIRE AND CONDUIT FOR MOTOR AND EQUIPMENT LOADS MUST BE CONTINUOUS IN SIZE AND COUNT FROM SOURCE TO FINAL CONNECTION. SIZE AND COUNT AS INDICATED ON THE CIRCUIT HOMERUN UNLESS OTHERWISE NOTED.
- WHERE A NEW-TO-EXISTING CONNECTION IS INDICATED, PROVIDE MATERIALS AND LABOR REQUIRED TO MAKE THE CONNECTION.
- BRANCH CIRCUIT WIRING TO EXIT LIGHT FIXTURES AND TO THE EMERGENCY TERMINAL OF UL1008 RELAYS MUST BE UNSWITCHED, CONNECTED AHEAD OF ANY CONTROL SWITCHES. SEE UL 1008 TRANSFER DEVICE AS A CONTROL DETAIL ON SHEET EL601.
- AN (*) IN THE FUSE RATING OR TRIP RATING POSITION FOR THIS SYMBOL INDICATES TO PROVIDE FUSE OR BREAKER TRIP RATING IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION.
- WHERE EQUIPMENT OR DEVICES ARE NOTED AS "REMOVE", REMOVE CONDUCTORS ASSOCIATED WITH THESE ITEMS TO THE LAST ACTIVE ITEM ON THE CIRCUIT, OR TO THE BRANCH CIRCUIT BREAKER IF ALL ITEMS ON THE CIRCUIT ARE REMOVED. REMOVE CONDUITS FOR THESE CIRCUITS WHERE THEY RUN EXPOSED OR IN CEILING OR FLOOR PLENUMS. CONDUITS RUN CONCEALED IN WALLS OR FLOOR SLABS MUST BE CUT OFF FLUSH WITH THE SURFACE AND ABANDONED. VOIDS IN WALLS OR FLOOR SLABS LEFT BY THE REMOVAL OF ELECTRICAL EQUIPMENT OR CONDUITS MUST BE FILLED WITH NON-SHRINK GROUT AND FINISHED TO MATCH ADJACENT SURFACES.

HOFHEIMER HALL SECOND FLOOR RENOVATION

825 FAIRFAX AVENUE
NORFOLK, VA 23507

DESIGNER



CLARK NEXSEN

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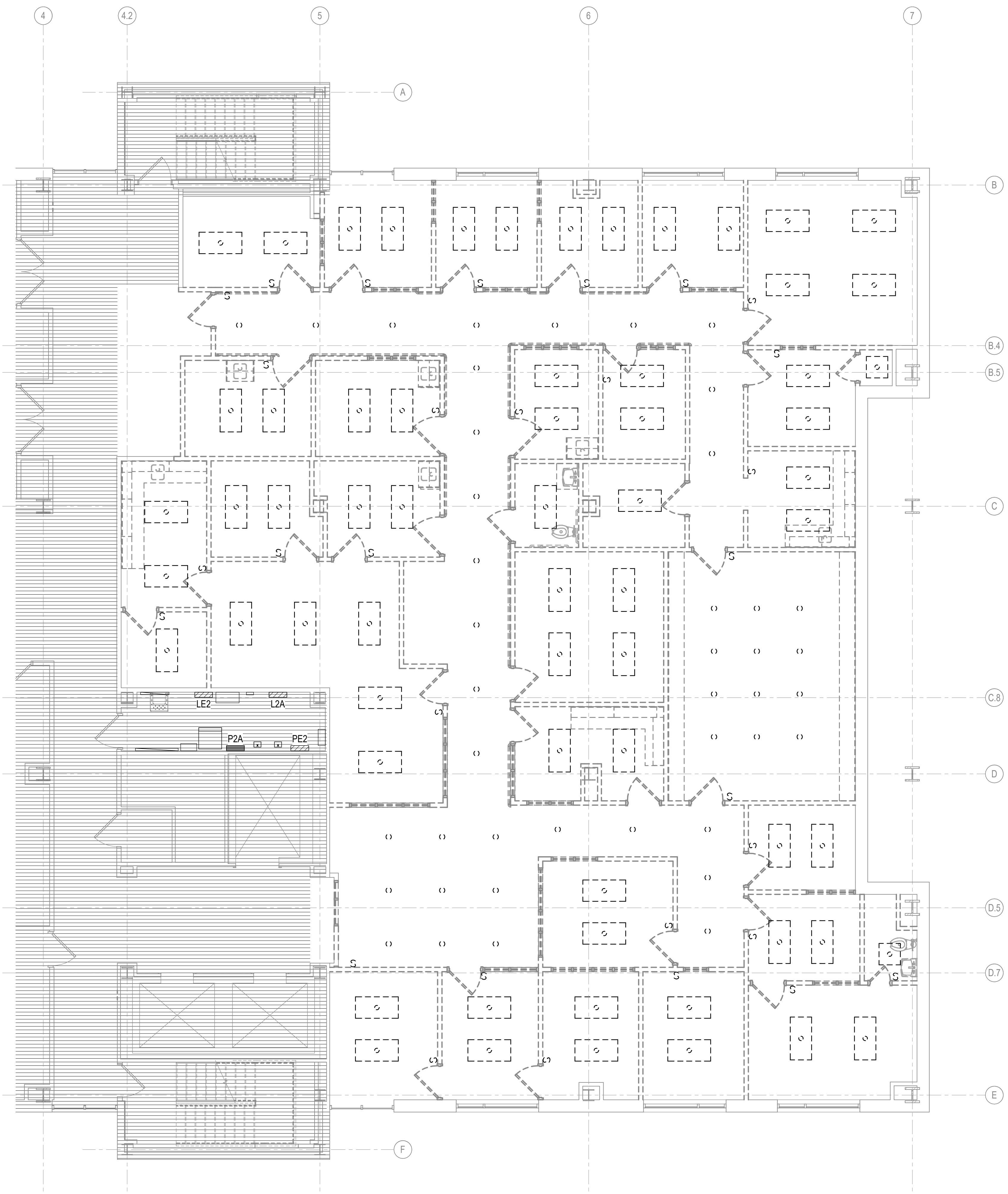
SHEET

ELECTRICAL LEGEND, NOTES AND ABBREVIATIONS

E-001

DESIGN: BSP
DRAWN: MSW
REVIEW: SPS

CN 10376



SECOND FLOOR ELECTRICAL DEMOLITION
 PLAN - LIGHTING
 SCALE: 3/16" = 1'-0"

GENERAL NOTES

- A. REFER TO E-001 FOR GENERAL NOTES.
- B. COORDINATE ELECTRICAL DEMOLITION WITH PHASING PLANS AND ARCHITECTURAL, MECHANICAL, AND PLUMBING DRAWINGS. ENSURE AREAS OUTSIDE THE ACTIVE DEMOLITION PHASE MUST HAVE SERVICE MAINTAINED OR RECONNECTED TO AN EXISTING PANELBOARD AS NECESSARY. AREAS OUTSIDE OF THIS SCOPE MUST STAY IN PROPER WORKING ORDER DURING AND AFTER ALL DEMOLITION IS COMPLETE.
- C. DEMOLISH LIGHT FIXTURES, EXIT SIGNS, SWITCHES, AND ASSOCIATED CONDUCTORS AS INDICATED. DEMOLISH CONDUCTORS BACK TO SOURCE OR NEXT ACTIVE DEVICE OR JUNCTION BOX. EQUIPMENT AND DEVICES REMOVED DURING DEMOLITION ARE THE PROPERTY OF EVMS AND MUST BE DISPOSED OF OR TURNED OVER TO THE EVMS MAINTENANCE ENGINEER ON DUTY AS DIRECTED BY EVMS.
- D. EXISTING CEILING, WALLS, AND FLOORS TO REMAIN THAT ARE DISTURBED OR DISFIGURED BY ELECTRICAL DEMOLITION MUST BE PATCHED, MENDED, OR REPLACED BY THE TRADES ACTIVELY PARTICIPATING IN THIS TYPE OF WORK. VERIFY ALL WALLS AND CEILING TO REMAIN WITH ARCHITECTURAL DRAWINGS PRIOR TO DEMOLITION.
- E. WHERE WALL BOXES FOR ELECTRICAL DEVICES ARE REMOVED IN WALLS TO REMAIN, REMOVE BOX AND CONDUIT AND PATCH TO MATCH SURROUNDING FINISH.
- F. WHERE MECHANICAL EQUIPMENT IS BEING REMOVED; REMOVE CIRCUIT, ASSOCIATED DISCONNECT, ACCESSIBLE CONDUIT AND CONDUCTORS BACK TO LAST ACTIVE DEVICE OR SERVING ELECTRICAL PANEL UNLESS OTHERWISE NOTED.
- G. THE INTENT OF THIS DRAWING IS THAT ALL ELECTRICAL EQUIPMENT, DEVICES, LIGHTING FIXTURES, ETC. SHALL BE REMOVED WITHIN THE AREA OF WORK.

DEMOLITION KEY NOTES

#

GRAPHIC SCALE(S)

EVMS GYNECOLOGY
**HOFHEIMER HALL
 SECOND FLOOR
 RENOVATION**
 825 FAIRFAX AVENUE
 NORFOLK, VA 23507

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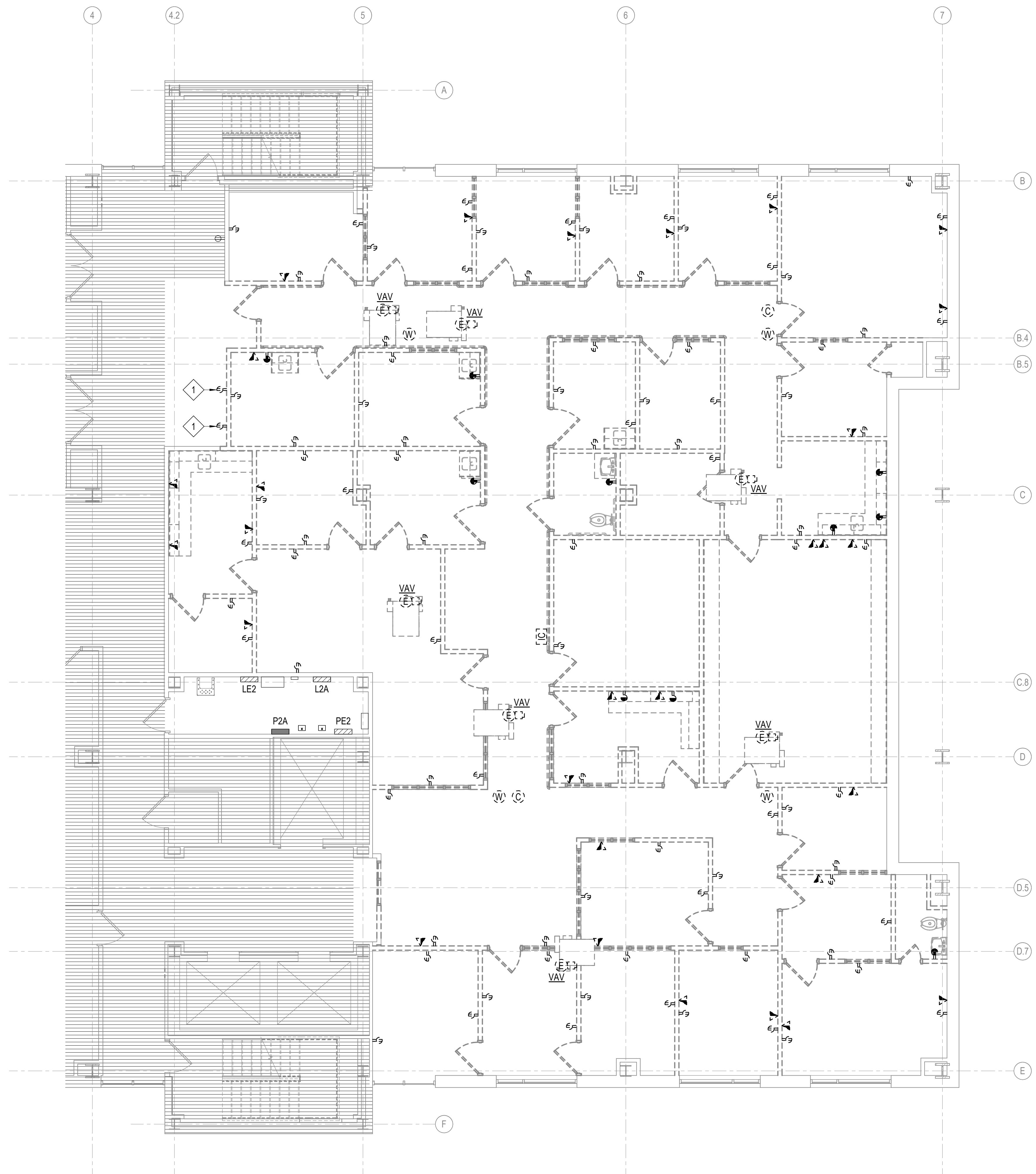
SHEET
**SECOND FLOOR ELECTRICAL
 DEMOLITION PLAN - LIGHTING**

ED101

DESIGN: BSP
 DRAWN: MSW
 REVIEW: SPS
 CN 10376

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SECOND FLOOR ELECTRICAL DEMOLITION
PLAN - POWER AND TELECOM
SCALE: 3/16" = 1'-0"

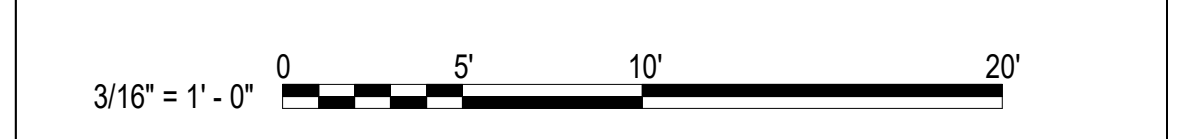
GENERAL NOTES

- A. REFER TO E-001 FOR GENERAL NOTES.
- B. COORDINATE ELECTRICAL DEMOLITION WITH PHASING PLANS AND ARCHITECTURAL, MECHANICAL, AND PLUMBING DRAWINGS. ENSURE AREAS OUTSIDE THE ACTIVE DEMOLITION PHASE MUST HAVE SERVICE MAINTAINED OR RECONNECTED TO AN EXISTING PANELBOARD AS NECESSARY. AREAS OUTSIDE OF THIS SCOPE MUST STAY IN PROPER WORKING ORDER DURING AND AFTER ALL DEMOLITION IS COMPLETE.
- C. DEMOLISH LIGHT FIXTURES, EXIT SIGNS, SWITCHES, AND ASSOCIATED CONDUCTORS AS INDICATED. DEMOLISH CONDUCTORS BACK TO SOURCE OR NEXT ACTIVE DEVICE OR JUNCTION BOX. EQUIPMENT AND DEVICES REMOVED DURING DEMOLITION ARE THE PROPERTY OF EVMS AND MUST BE DISPOSED OF OR TURNED OVER TO THE EVMS MAINTENANCE ENGINEER ON DUTY AS DIRECTED BY EVMS.
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- E. WHERE WALL BOXES FOR ELECTRICAL DEVICES ARE REMOVED IN WALLS TO REMAIN, REMOVE BOX AND CONDUIT AND PATCH TO MATCH SURROUNDING FINISH.
- F. WHERE MECHANICAL EQUIPMENT IS BEING REMOVED; REMOVE CIRCUIT, ASSOCIATED DISCONNECT, ACCESSIBLE CONDUIT AND CONDUCTORS BACK TO LAST ACTIVE DEVICE OR SERVING ELECTRICAL PANEL UNLESS OTHERWISE NOTED.
- G. THE INTENT OF THIS DRAWING IS THAT ALL ELECTRICAL EQUIPMENT, DEVICES, LIGHTING FIXTURES, ETC. SHALL BE REMOVED WITHIN THE AREA OF WORK.

DEMOLITION KEY NOTES

- 1 REMOVE RECEPTACLE WITH WIRE AND CONDUIT TO ALLOW FOR ARCHITECTURAL WORK. MAINTAIN CIRCUITS L2A-17 AND L2A-19 FOR CONNECTION TO DEVICE IN NEW WORK.

GRAPHIC SCALE(S)



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SECOND FLOOR
RENOVATION**
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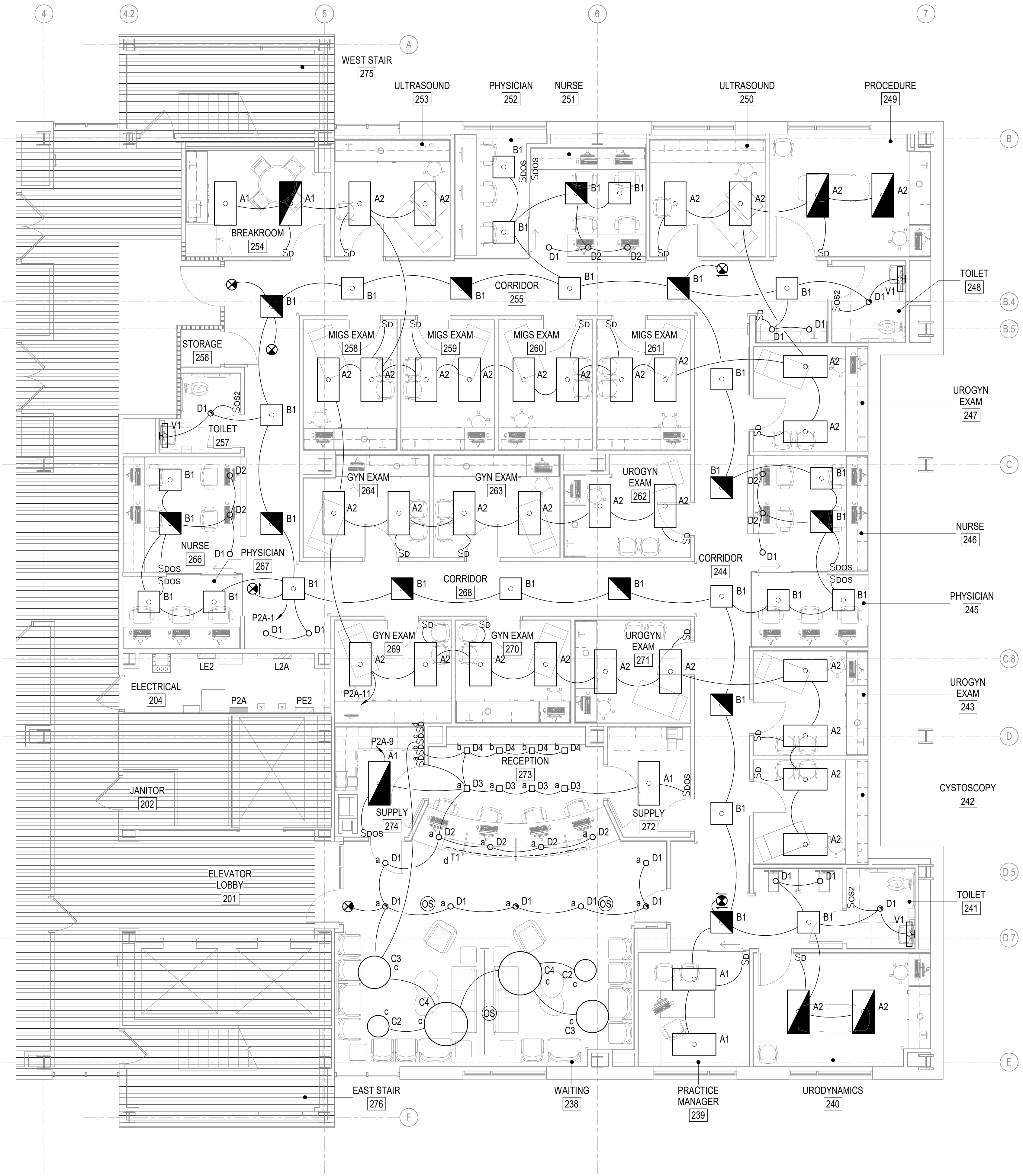
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SHEET
**SECOND FLOOR ELECTRICAL
DEMOLITION PLAN - POWER
AND TELECOM**

ED102

DESIGN: BSP
DRAWN: MSW
REVIEW: SPS
CN 10376



GENERAL NOTES

A. CONNECT ALL EMERGENCY LIGHTS TO CIRCUIT PE2-5 VIA UL1008 RELAY CONTROLLER.

KEY NOTES

EVMS GYNECOLOGY

**HOFHEIMER HALL
SECOND FLOOR
RENOVATION**

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**SECOND FLOOR LIGHTING
PLAN**

EL101

GRAPHIC SCALE(S)



DESIGN: BSP
DRAWN: MSW
REVIEW: SPS

CN 10376

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL NO.	SOURCE			LUMEN OUTPUT	VOLTAGE	WATTAGE	MOUNTING	NOTES
				TYPE	CCT	CRI					
A1	2 X 4 TROFFER	TRACE-LITE	CBLQ-24-CP	LED	4000 K	80	4300 lm	277 V	34 W	LAY-IN	
A2	2 X 4 TROFFER	TRACE-LITE	CBLQ-24-CP	LED	4000 K	80	5300 lm	277 V	42 W	LAY-IN	
B1	2 X 2 TROFFER	TRACE-LITE	CBLQ-22-CP	LED	4000 K	80	3100 lm	277 V	25 W	LAY-IN	
C2	2'-0" DRUM	EDISON LIGHTING GROUP	ED DRUM+2-50WLED-UD-277V-DL-C-OP-GR-40K	LED	4000 K	80	5200 lm	277 V	50 W	PENDANT	8'-0" AFF
C3	3'-0" DRUM	EDISON LIGHTING GROUP	ED DRUM+3-50WLED-UD-277V-DL-C-OP-GR-40K	LED	4000 K	80	5200 lm	277 V	50 W	PENDANT	8'-0" AFF
C4	4'-0" DRUM	EDISON LIGHTING GROUP	ED DRUM+4-50WLED-UD-277V-DL-C-OP-GR-40K	LED	4000 K	80	5200 lm	277 V	50 W	PENDANT	8'-0" AFF
D1	4" DOWNLIGHT	VHEALTH LIGHTING	V4EVH-U-15-40K-L4011FR-SGC-AM-ZDM	LED	4000 K	80	1500 lm	277 V	22 W	RECESSED	
D2	4" DOWNLIGHT - LOW OUTPUT	VHEALTH LIGHTING	V4EVH-U-07-40K-L4011FR-SGC-AM-ZDM	LED	4000 K	80	750 lm	277 V	10 W	RECESSED	
D3	3" SQUARE DOWNLIGHT FOR WOOD CEILING	USAI	B3SAM-25-15X3-40KS-45-SF-GR-BL-UNV-D6E	LED	4000 K	80	780 lm	277 V	15 W	CUSTOM	
D4	3" SQUARE DOWNLIGHT - ADJUSTABLE	USAI	B3SAM-40-09X3-40KS-45-SF-GR-BL-UNV-D6E	LED	4000 K	80	500 lm	277 V	9 W	CUSTOM	
T1	LINEAR FLEXIBLE	DIODELED	DI-24V-SE-ATX-250-40-MTCL	LED	4000 K	80	270 lm	277 V	35 W	SURFACE	1
V1	24" VANITY LIGHT	MOBERN	MFLBD-24-LED-23-MV-SN-MCT	LED	4000 K	80	2100 lm	277 V	23 W	WALL	MOUNT ABOVE MIRROR
X	EXIT SIGN	EXITRONIX	S900U-LB-SR-R-AG-G2	LED				277 V	3 W	UNIVERSAL	

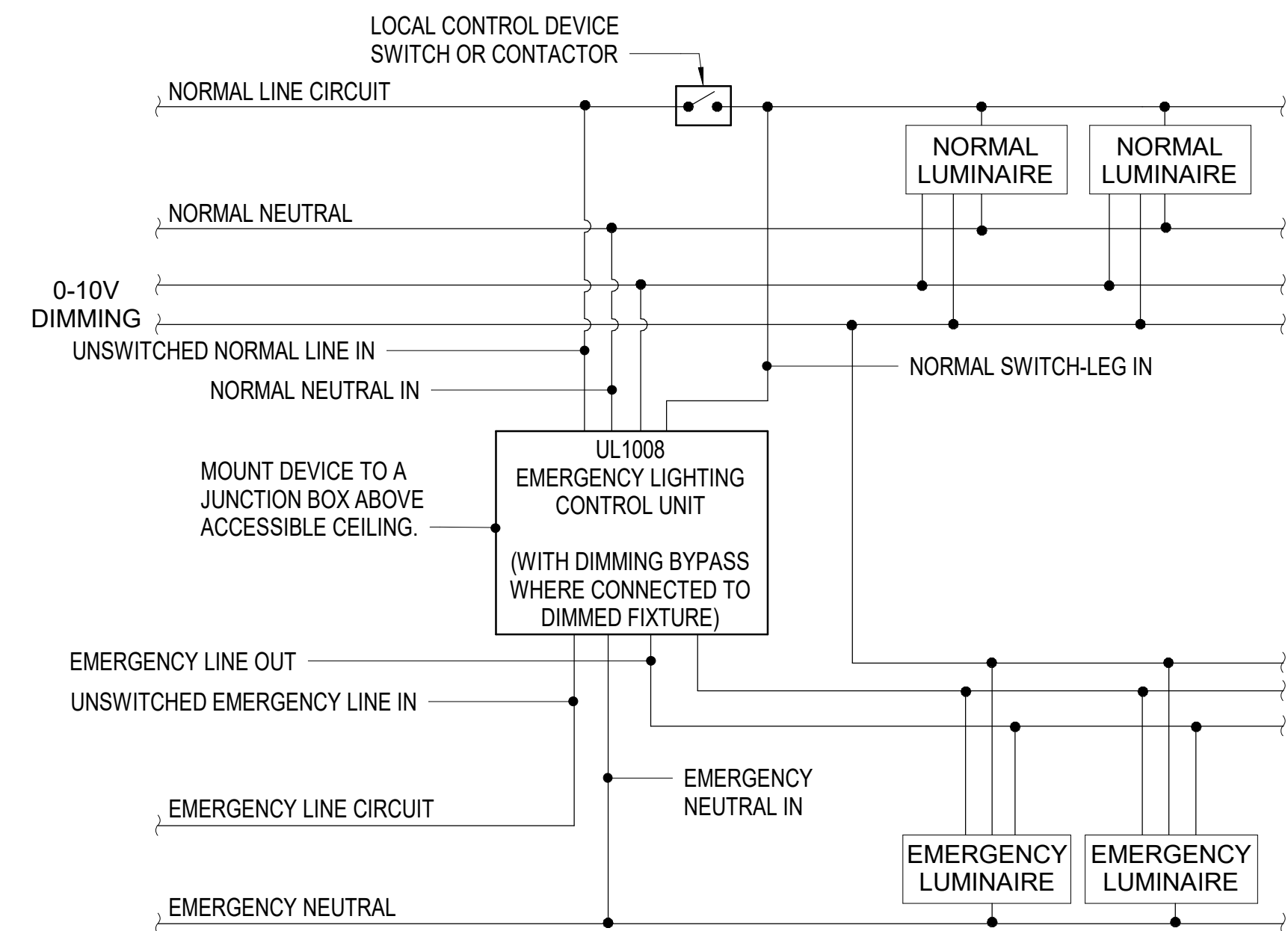
NOTES:
 1. PROVIDE WITH DIMMER SWITCH WITH INTEGRAL 60 WATT, 24 VDC DRIVER.

LIGHTING CONTROL SCHEDULE

ROOM	DESCRIPTION
OFFICE	LOCAL MANUAL ON SWITCH WITH DIMMING CONTROLS. AUTO-OFF AFTER 20 MINUTES OF VACANCY THROUGH OCCUPANCY SENSOR. DAYLIGHT HARVEST CONTROLS WHERE INDICATED ON PLANS.
EXAM ROOMS	LOCAL MANUAL ON SWITCH WITH DIMMING CONTROLS.
LOBBY/ WAITING AREA	AUTO ON/ AUTO OFF AFTER 20 MINUTES OF VACANCY THROUGH CEILING MOUNTED OCCUPANCY SENSOR. LOCAL SWITCH OVERRIDE LOCATED BEHIND RECEPTION DESK WITH DIMMING CONTROLS.
RECEPTION	LOCAL MANUAL ON SWITCH WITH DIMMING CONTROLS. AUTO-OFF AFTER 20 MINUTES OF VACANCY THROUGH CEILING MOUNTED OCCUPANCY SENSOR.
STORAGE	LOCAL MANUAL ON SWITCH WITH DIMMING CONTROLS. AUTO-OFF AFTER 20 MINUTES OF VACANCY THROUGH OCCUPANCY SENSOR AS INDICATED ON PLANS.
BATHROOM	LOCAL MANUAL ON SWITCH WITH DIMMING CONTROLS. AUTO-OFF AFTER 20 MINUTES OF VACANCY THROUGH WALL MOUNTED OCCUPANCY SENSOR.
EVERYWHERE ELSE	MAINTAIN EXISTING CONTROLS. MANUAL ON/OFF SWITCH.

LIGHTING CONTROL SCHEDULE NOTES:

- PROVIDE ALL POWER CONNECTIONS, EQUIPMENTS AND ASSOCIATED APPURTENANCES (LOW VOLTAGE CABLING, DIGITAL ROOM CONTROLLERS, RELAY, POWER SUPPLIES, ETC.) REQUIRED TO CONTROL OPERATIONS AS DESCRIBED IN THIS SCHEDULE. PROVIDE A COMPLETE AND USEABLE SYSTEM.
- PROVIDE UL1008 DEVICE AS INDICATED IN DETAIL ON THIS SHEET WHERE REQUIRED FOR SWITCHING OF LIGHTING.



A4 UL 1008 TRANSFER DEVICE AS A CONTROL
 NOT TO SCALE

HOFHEIMER HALL SECOND FLOOR RENOVATION

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LIGHTING FIXTURE SCHEDULE

EL601

DESIGN: BSP
 DRAWN: MSW
 REVIEW: SPS

CN 10376

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GENERAL NOTES

A. PROVIDE J-HOOKS FOR DATA CABLING SUPPORT ABOVE CEILING IN ALL CORRIDORS. SEE TYPICAL J-HOOK INSTALL DETAILS ON SHEET EP501.

KEY NOTES

- 1 PROVIDE JUNCTION BOX(ES) IN WALL TO TRANSITION POWER AND DATA FROM WALL TO INSIDE DESK.
- 2 CONNECT RECEPTACLE TO CIRCUIT SAVED IN DEMOLITION.
- 3 CONTROL FAN VIA THE SECOND SET OF CONTACTS IN THE SWITCH. SEE THE LIGHTING PLAN FOR SWITCH LOCATION.

EVMS GYNECOLOGY

HOFHEIMER HALL SECOND FLOOR RENOVATION

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DESIGNER

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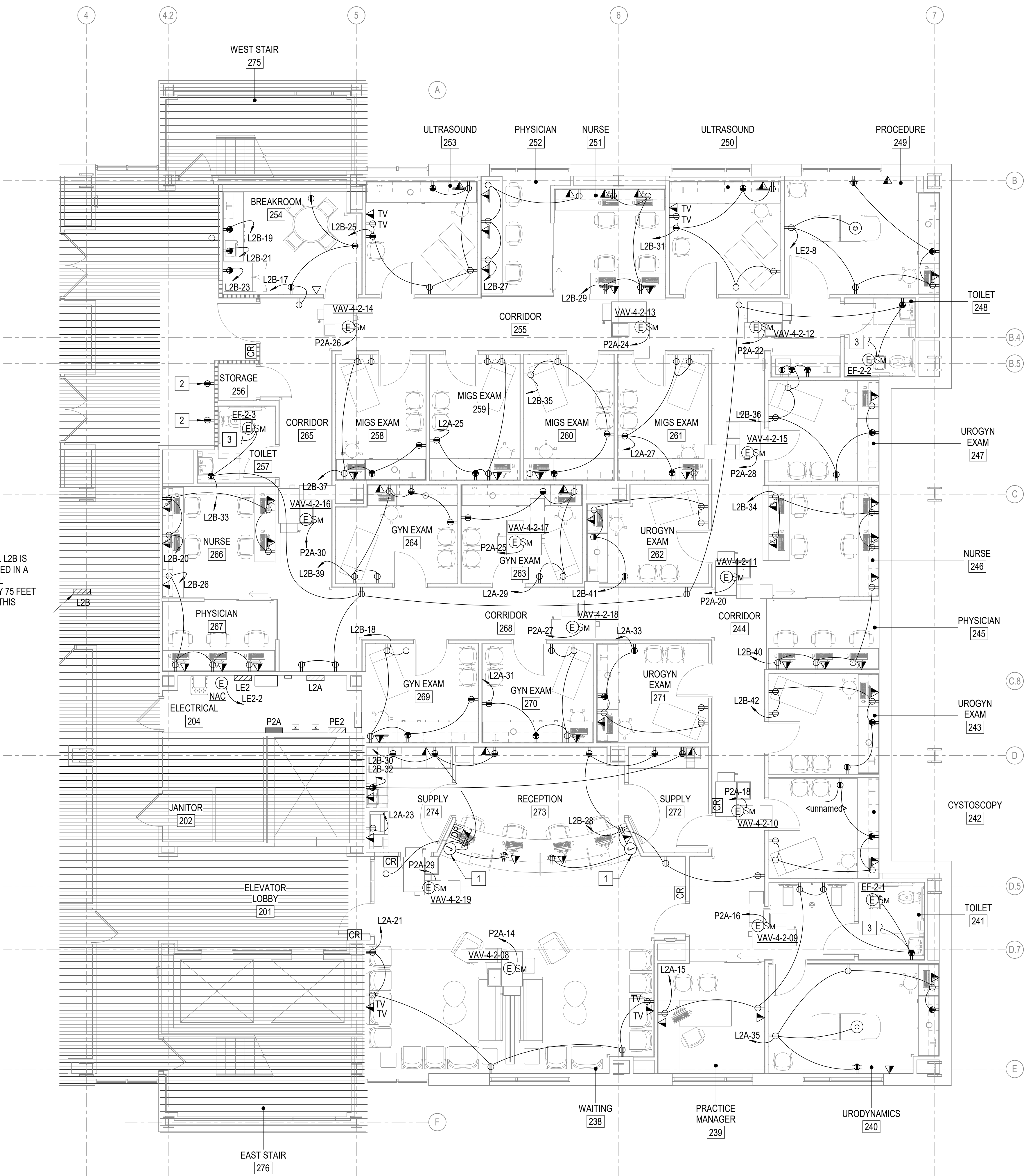
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SECOND FLOOR POWER AND TELECOMMUNICATIONS PLAN

EP101

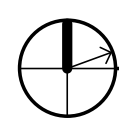
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CN 10376



EXISTING PANEL L2B IS RECESS MOUNTED IN A CORRIDOR WALL APPROXIMATELY 75 FEET PLAN WEST OF THIS LOCATION.

SECOND FLOOR POWER AND TELECOMMUNICATIONS PLAN



SCALE: 3/16" = 1'-0"

GRAPHIC SCALE(S)



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EVMS GYNECOLOGY

HOFHEIMER HALL SECOND FLOOR RENOVATION

825 FAIRFAX AVENUE
NORFOLK, VA 23507

DESIGNER



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POWER AND TELECOMMUNICATIONS DETAILS

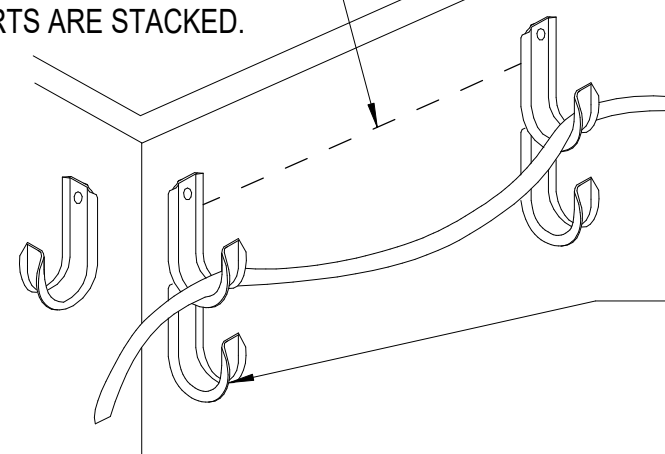
EP501

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REVIEW: SPS

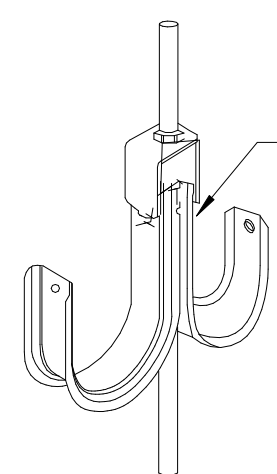
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TELECOMMUNICATIONS PATHWAY SHOULD BE NO MORE THAN 1'-0" ABOVE THE ACCESSIBLE CEILING.

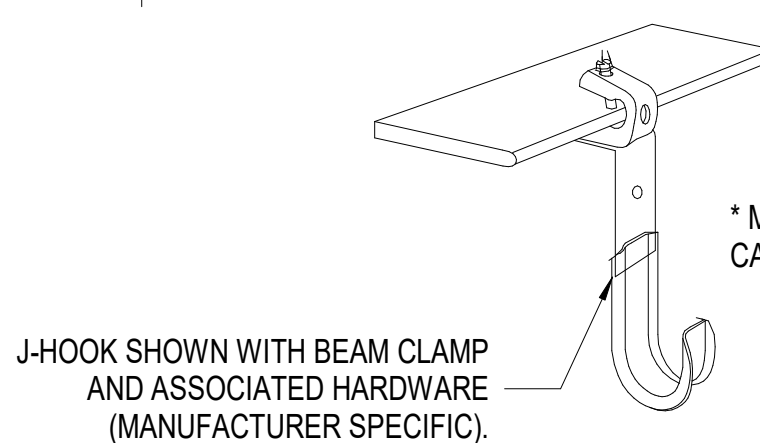
MAXIMUM OF 4' BETWEEN J-HOOK SUPPORTS. PROVIDE ADDITIONAL SUPPORTS FOR HORIZONTAL BENDS OF 45 DEGREES OR MORE. SPACE J-HOOKS AT 3" VERTICALLY WHEN J-HOOK SUPPORTS ARE STACKED.



J-HOOK SHOWN WITH ALL-THREADED ROD ATTACHMENT (SUPPORTED FROM ABOVE). PROVIDE MANUFACTURER APPROVED SUPPORT STRUCTURE WHERE WALL MOUNT IS NOT POSSIBLE. DO NOT ATTACH J-HOOK SUPPORTS TO GRID WIRES SUPPORTING DROP CEILING.



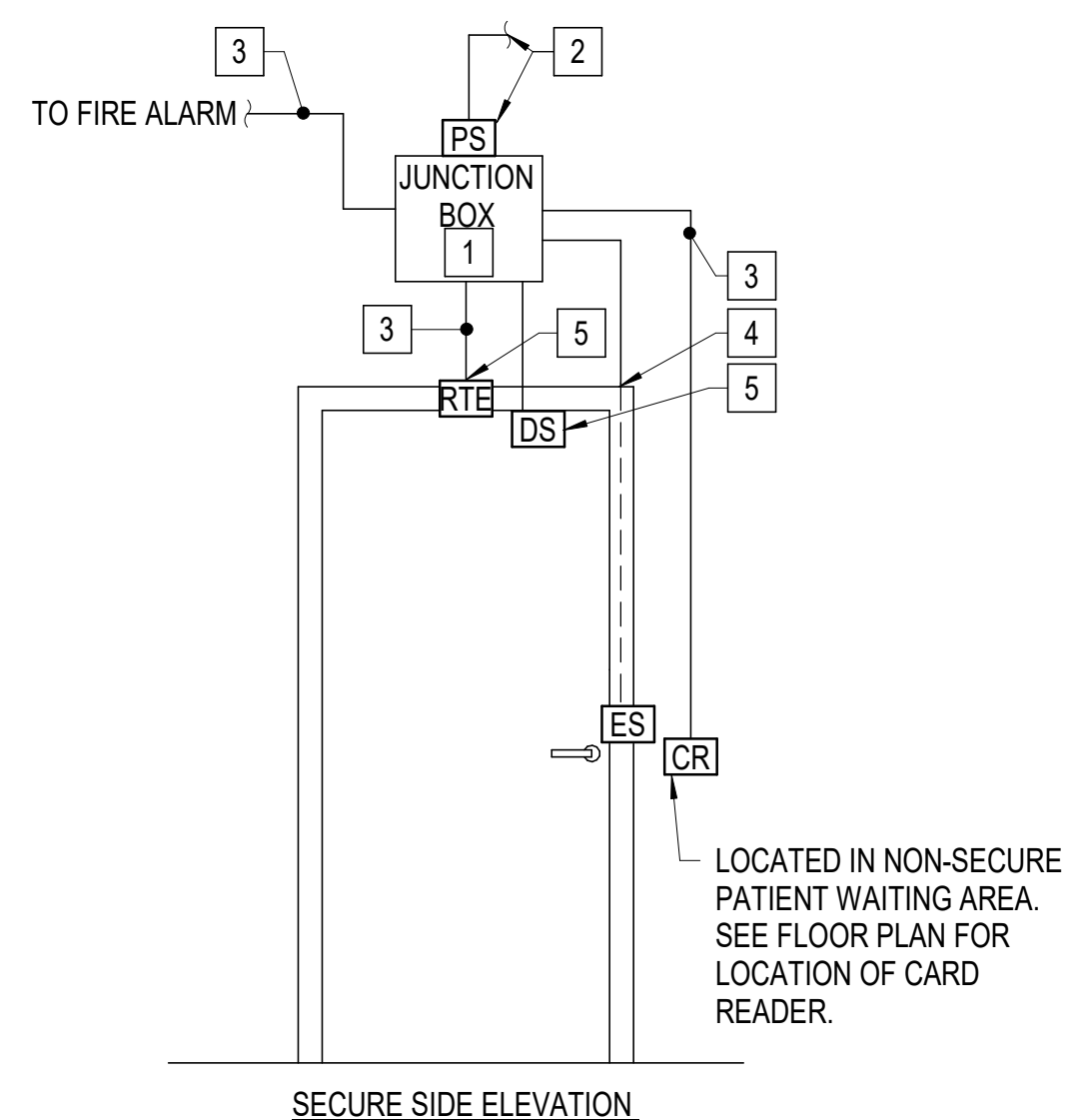
PROVIDE SEPARATE 3" J-HOOK PATHWAY FOR ACCESS CONTROL CABLING.



J-HOOK SHOWN WITH BEAM CLAMP AND ASSOCIATED HARDWARE (MANUFACTURER SPECIFIC).

* MAXIMUM OF 6" OF CABLE SAG FROM BOTTOM OF J-HOOK SUPPORT TO TOP OF CABLE BUNDLE. MAX FILL AT 40% PER MANUFACTURER 100% FILL QUANTITY.

A1 TYPICAL J-HOOK INSTALL DETAILS
NOT TO SCALE



NOTES:
1. 8" X 8" X 6" JUNCTION BOX ABOVE SECURE SIDE OF THE DOOR.
2. 2#12, 1#12G, 1/2" C TO NEAREST CORRIDOR RECEPTACLE CIRCUIT.
3. 3/4" C WITH FULL STRING.
4. RUN TO DOOR FRAME.
5. RUN TO SINGLE GANG JUNCTION BOX ABOVE DOOR.

A3 DOOR HARDWARE SCHEMATICS
NOT TO SCALE

PANEL PE2 SCHEDULE

Table with columns: CKT NO., LOAD DESCRIPTION, COND SIZE, WIRE SIZE, BKR TRIP, AMPS, KVA, PH, KVA, AMPS, BKR TRIP, WIRE SIZE, COND SIZE, LOAD DESCRIPTION, CKT NO. Includes equipment list and totals for Panel PE2.

PANEL LE2 SCHEDULE

Table with columns: CKT NO., LOAD DESCRIPTION, COND SIZE, WIRE SIZE, BKR TRIP, AMPS, KVA, PH, KVA, AMPS, BKR TRIP, WIRE SIZE, COND SIZE, LOAD DESCRIPTION, CKT NO. Includes equipment list and totals for Panel LE2.

EXISTING PANEL L2B SCHEDULE

Table with columns: CKT NO., LOAD DESCRIPTION, COND SIZE, WIRE SIZE, BKR TRIP, AMPS, KVA, PH, KVA, AMPS, BKR TRIP, WIRE SIZE, COND SIZE, LOAD DESCRIPTION, CKT NO. Includes equipment list and totals for Existing Panel L2B.

EQUIPMENT CONNECTION SCHEDULE - SHEET

Table with columns: EQUIPMENT DESIGNATION, DESCRIPTION, ROOM NUMBER, LOAD RATING (HP, KW, ETC), VOLTS, PHASE, DISCONNECT SWITCH RATING (A), MIN KAIC, PANEL, CIRCUIT #, REMARKS. Lists various equipment like exhaust fans and air volume units.

EXISTING PANEL P2A SCHEDULE

Table with columns: CKT NO., LOAD DESCRIPTION, COND SIZE, WIRE SIZE, BKR TRIP, AMPS, KVA, PH, KVA, AMPS, BKR TRIP, WIRE SIZE, COND SIZE, LOAD DESCRIPTION, CKT NO. Includes equipment list and totals for Existing Panel P2A.

EXISTING PANEL L2A SCHEDULE

Table with columns: CKT NO., LOAD DESCRIPTION, COND SIZE, WIRE SIZE, BKR TRIP, AMPS, KVA, PH, KVA, AMPS, BKR TRIP, WIRE SIZE, COND SIZE, LOAD DESCRIPTION, CKT NO. Includes equipment list and totals for Existing Panel L2A.

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SHEET

SCHEDULES

EP601

DESIGN: BSP DRAWN: MSW REVIEW: SPS

CN 10376

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