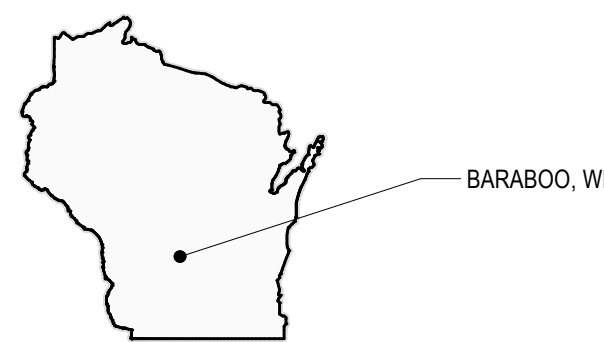
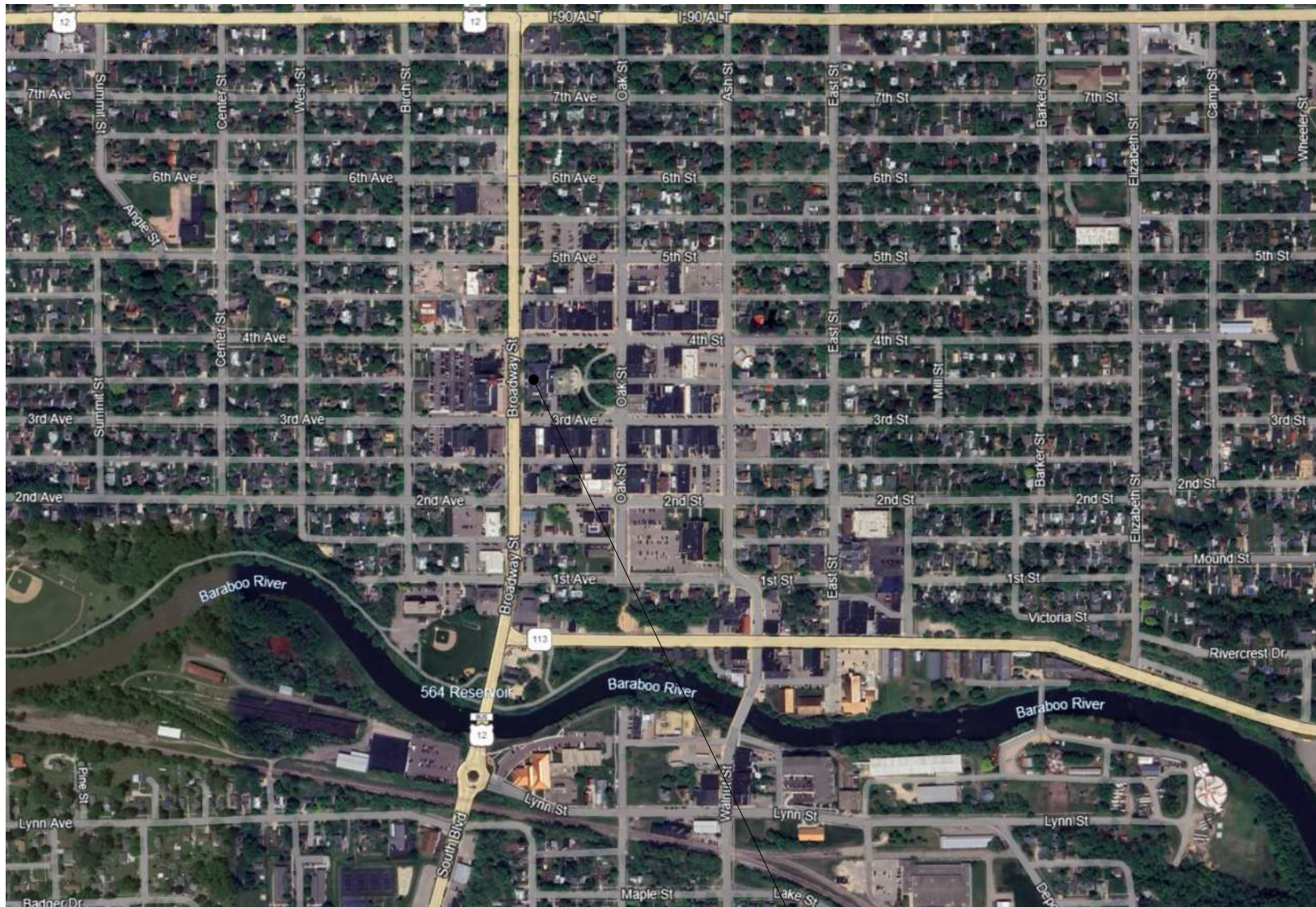


SITE LOCATION MAP



DESIGN TEAM

ARCHITECTURAL DESIGN, MECHANICAL AND
ELECTRICAL ENGINEERING
STRANG, INC.

STRUCTURAL ENGINEERING
CORE 4 ENGINEERING, INC.

CODE INFORMATION

PROJECT SCOPE:
The scope includes but is not limited to equipment replacement and partial conversion to a Variable Air Volume system, lighting and controls, power, fire alarm, and removal and replacement of ceilings. Work shown in the following documents does not change size / area of building, egress or occupancy. Work will be completed in (3) phases: Starting in the Basement level and west part of First floor (Phase 1), then in the east part of First floor and all of Second floor (Phase 2), and lastly in Third floor and on Roof level and in Penthouse (Phase 3).

HISTORIC INFORMATION:
The original 1906 Court house, and 1963 Annex Building including the connection between the two predates the requirements of 2021 IBC Table 1020.2 and are considered still under the code in effect at the time of construction (1906 & 1963) which is silent on the need for fire resistance rating of corridors. Since the building use is not changing and the rooms will not be reconstructed beyond standard maintenance and repair or limited alterations, the rooms are not required to meet the fire separation requirements of 2021 IBC (Tables 1020.2, 508.4 & 509.1). In reviewing the various construction documents provided to us, no subsequent alterations that would have altered or required corridor construction adhering to current building code requirements were found within the areas of work.

APPLICABLE CODES:
Wisconsin Commercial Building Code and Administrative Codes including SPS
Accessibility: ICCANSI A117.1-2017 Edition
Commercial Building: 2021 IBC as amended
Electrical: 2017 NFPA-70 (NEC) as amended
Energy Conservation: 2021 IECC as amended
Existing Building Code: 2021 IEBC as amended
Fire Protection: 2021 IFC as amended
Mechanical: 2021 IMC as amended
Plumbing: 2024 Wisconsin Plumbing Code

CLASSIFICATION OF WORK: (IEBC 2021 Sections 503, 504, 505)
Level 2 Alteration

BUILDING AREA:
Work Area 42,300 gross sq. ft. (includes areas on all floors)

	Work Area	Total Existing Floor Area
Basement Floor	10,729 gross sq. ft.	10,842 gross sq. ft.
First Floor	15,144 gross sq. ft.	21,688 gross sq. ft.
Second Floor	10,655 gross sq. ft.	21,688 gross sq. ft.
Third Floor	5,802 gross sq. ft.	21,688 gross sq. ft.
Totals	42,330 gross sq. ft.	75,906 gross sq. ft.

BUILDING HEIGHT:
Existing 3 story

PRIMARY BUILDING USES: (IBC 2021 Chapter 3)
Non-Separated Uses

OCCUPANCY TYPE:
Group B - Business

ACCESSORY USES: (IBC 2021 Section 508.2)
Assembly (A-3) - Courtrooms

TYPE OF CONSTRUCTION: 3B (IBC 2021 Chapter 6)

FIRE RESISTANCE RATINGS:
Fire Resistance Hourly Ratings for Structural Components: (IBC 2021 Table 601)
Primary Structural Frame 0 Hour
Bearing Walls, Exterior 2 Hour
Bearing Walls, Interior 0 Hour
Floor Construction 0 Hour
Roof Construction 0 Hour

Fire Resistance Hourly Ratings for Separations:
*Refer to Historic Information

FIRE SPRINKLER SYSTEM:
None

FIRE ALARM SYSTEM:
Fire Alarm Initiation and Notification Devices

ALLOWABLE AREA:
No change, Existing Floor Area to remain the same.

ALLOWABLE HEIGHT:
No change, Existing Height to remain.

OCCUPANT LOAD:
No change, Existing Occupant Load to remain.

EXIT WIDTH:
No change, Existing Exit Widths to remain.

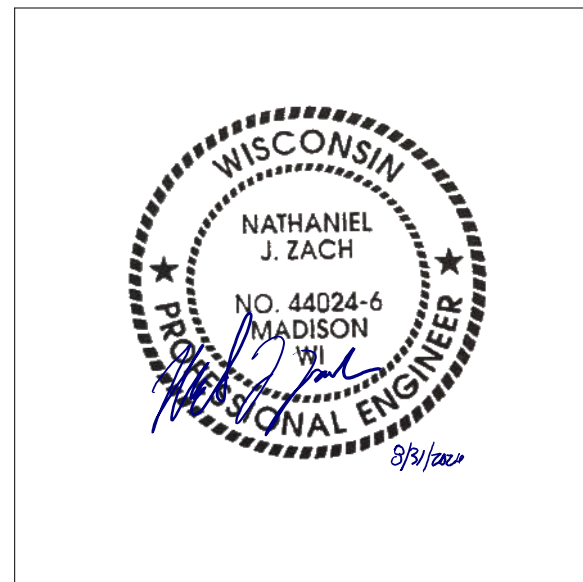
PLUMBING FIXTURE:
No change, Existing Plumbing Fixture count to remain.

STAMPS

ARCHITECTURAL



MECHANICAL



ELECTRICAL



SHEET INDEX

TITLE		MECHANICAL
T001	TITLE SHEET	M001 MECHANICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES
		M100 BASEMENT MECHANICAL DEMOLITION PLAN (PHASE 1)
GENERAL	GENERAL INFORMATION	M101 FIRST FLOOR MECHANICAL DEMOLITION PLAN (PHASE 1 & 2)
		M102 SECOND FLOOR MECHANICAL DEMOLITION PLAN (PHASE 2)
		M103 THIRD FLOOR MECHANICAL DEMOLITION PLAN (PHASE 3)
ARCHITECTURAL		M104 ROOF MECHANICAL DEMOLITION PLAN (PHASE 3)
A100	BASEMENT DEMOLITION PLAN (PHASE 1)	M200 BASEMENT MECHANICAL PLAN (PHASE 1)
A101	FIRST FLOOR DEMOLITION PLAN (PHASES 1 & 2)	M201 FIRST FLOOR MECHANICAL PLAN (PHASE 1 & 2)
A130	BASEMENT RCP DEMOLITION PLAN (PHASE 1)	M202 SECOND FLOOR MECHANICAL PLAN (PHASE 2)
A131	FIRST FLOOR RCP DEMOLITION PLAN (PHASES 1 & 2)	M203 THIRD FLOOR MECHANICAL PLAN (PHASE 3)
A132	SECOND FLOOR RCP DEMOLITION PLAN (PHASE 2)	M204 ROOF MECHANICAL PLAN (PHASE 3)
A133	THIRD FLOOR RCP DEMOLITION PLAN (PHASE 3)	M300 BASEMENT MECHANICAL PIPING PLAN (PHASE 1)
A200	BASEMENT FLOOR PLAN (PHASE 1)	M301 FIRST FLOOR MECHANICAL PIPING PLAN (PHASE 1 & 2)
A201	FIRST FLOOR PLAN (PHASES 1 & 2)	M302 SECOND FLOOR MECHANICAL PIPING PLAN (PHASE 2)
A202	SECOND FLOOR PLAN (PHASE 2)	M303 THIRD FLOOR MECHANICAL PIPING PLAN (PHASE 3)
A210	ROOF PLAN (PHASE 3)	M304 ROOF MECHANICAL PIPING PLAN (PHASE 3)
A300	BASEMENT REFLECTED CEILING PLAN (PHASE 1)	M601 ENLARGED MECHANICAL PLANS
A301	FIRST FLOOR REFLECTED CEILING PLAN (PHASES 1 & 2)	M701 MECHANICAL CONTROL DIAGRAMS
A302	SECOND FLOOR REFLECTED CEILING PLAN (PHASE 2)	M801 MECHANICAL DETAILS
A303	THIRD FLOOR REFLECTED CEILING PLAN (PHASE 3)	M901 MECHANICAL SCHEDULES
A501	WALL SECTIONS & DETAILS	

TITLE		ELECTRICAL
		E201 ELECTRICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES
		E100 BASEMENT FLOOR DEMOLITION PLAN (PHASE 1)
		E101 FIRST FLOOR DEMOLITION PLAN (PHASE 1 & 2)
		E102 SECOND FLOOR DEMOLITION PLAN (PHASE 2)
		E103 THIRD FLOOR DEMOLITION PLAN (PHASE 3)
		E104 PENTHOUSE AND ROOF DEMOLITION PLAN (PHASE 3)
		E200 BASEMENT FLOOR LIGHTING PLAN (PHASE 1)
		E201 FIRST FLOOR LIGHTING PLAN (PHASE 1 & 2)
		E202 SECOND FLOOR LIGHTING PLAN (PHASE 2)
		E203 THIRD FLOOR LIGHTING PLAN (PHASE 3)
		E204 PENTHOUSE FLOOR LIGHTING PLAN (PHASE 3)
		E300 BASEMENT FLOOR POWER & SYSTEMS PLAN (PHASE 1)
		E301 FIRST FLOOR POWER & SYSTEMS PLAN (PHASE 2)
		E302 SECOND FLOOR POWER & SYSTEMS PLAN (PHASE 2)
		E303 THIRD FLOOR POWER & SYSTEMS PLAN (PHASE 3)
		E304 PENTHOUSE AND ROOF POWER & SYSTEMS PLAN (PHASE 3)
		E801 ENLARGED ELECTRICAL PLANS (PHASE 3)
		E811 ELECTRICAL LIGHTING DETAILS
		E911 ELECTRICAL SCHEDULES

CONSTRUCTION
DOCUMENTS

ISSUED FOR
CONSTRUCTION

No.	DESCRIPTION	DATE
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DATE	08/31/2026
PROJECT NO.	2025012
SHEET NAME	TITLE SHEET

ABBREVIATIONS

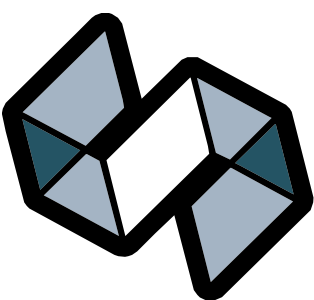
#	POUND, NUMBER	ELEC	ELECTRICAL	MN	MINIMUM	TEMP	TEMPORARY, TEMPERATURE
&	AND	ELEV	ELEVATOR	MIR	MIRROR	TER	TERRAZZO
<	ANGLE	EMER	EMERGENCY	MISC	MISCELLANEOUS	THK	THICK
@	AT	ENCL	ENCLOSURE	ML&P	METAL LATH & PLASTER	TKBD	TACK BOARD
A-100	A LABEL - 100 MINUTE FIRE RATING	EP	ELECTRIC PANEL, EPOXY	MO	MASONRY OPENING	TOB	TOP OF BEAM
B-90	B LABEL - 90 MINUTE FIRE RATING	EQ	EQUAL	MTD	MOUNTED	TOP	TOP OF FOOTING
C-45	C LABEL - 45 MINUTE FIRE RATING	EQUIP	EQUIPMENT	MTL	METAL	TOS	TOP OF STEEL
D-20	D LABEL - 20 MINUTE FIRE RATING	ES	EXPOSED STRUCTURE	MUL	MULLION	TPD	TOILET PAPER DISPENSER
Ø	DIAMETER, ROUND, PHASE	ETR	EXISTING TO REMAIN			TRANS	TRANSPARENT
		EW	EACH WAY	N	NORTH	TRZ	TERRAZZO
AB	ANCHOR BOLT	EWC	ELECTRIC WATER COOLER	NIC	NOT IN CONTRACT	TV	TELEVISION
ABBR	ABBREVIATION	ENH	ELECTRIC WATER HEATER	NO	NUMBER	TW	TOP OF WALL
ACB	ACOUSTICAL CEILING BAFFLE	EXH	EXHAUST	NOM	NOMINAL	TYP	TYPICAL
ACOUS	ACOUSTICAL	EXP	EXPANSION	NP	NON POTABLE WATER		
ACP	ACOUSTICAL CEILING PANEL	EXPO	EXPOSED	NTS	NOT TO SCALE	UH	UNIT HEATER
AGR	ACRYLIC, ACRYLIC MARKER BOARD	EXIST	EXISTING			UNF	UNFINISHED
ADJ	ADJUSTABLE, ADJACENT	EXT	EXTERIOR	OA	OVERALL, OUTSIDE AIR	UNO	UNLESS NOTED OTHERWISE
AFF	ABOVE FINISH FLOOR			OC	ON CENTER	UR	URINAL
AFS	AIR FLOW STATION	FA	FIRE ALARM	OD	OUTSIDE DIAMETER		
AGGR	AGGREGATE	FB	FACE BRICK, FLOOR BOX	OFCl	OWNER FURNISHED CONTRACTOR INSTALLED	V	VENT, VOLT, VALVE
AHU	AIR HANDLING UNIT	FCty	FACTORY	OFF	OFFICE	VAC	VACUUM
AL	ALUMINUM	FD	FLOOR DRAIN	OFCl	OWNER FURNISHED OWNER INSTALLED	VCT	VINYL COMPOSITION TILE
ALT	ALTERNATE	FDN	FOUNDATION	OH	OVERHEAD	VERT	VERTICAL
AP	ACCESS PANEL	FE	FIRE EXTINGUISHER	OHCD	OVERHEAD COILING DOOR	VEST	VESTIBULE
APPROX	APPROXIMATE	FEB	FIRE EXTINGUISHER BRACKET	OHSD	OVERHEAD SECTIONAL DOOR	VIF	VERIFY IN FIELD
ARCH	ARCHITECTURAL, ARCHITECT	FEC	FIRE EXTINGUISHER CABINET	OP	OPERABLE PARTITION	VSF	VINYL SHEET FLOORING
ASPH	ASPHALT	FF	FINISH FLOOR	OPG	OPENING	VTR	VENT THROUGH ROOF
AV	AIR VALVE	FFLR	FITNESS FLOOR	OPNG	OPENING	VWC	VINYL WALL COVERING
AWP	ACOUSTICAL WALL PANEL	FH	FUME HOOD, FIRE HOSE	OPP	OPPOSITE		
		FHC	FIRE HOSE CABINET	OPP-H	OPPOSITE HAND	TWC	TACKABLE WALL COVERING
BAF	BAFFLES	FIN	FINISH			W	WEST, WIDTH, WIDE, WATT, WASTE, WATER
BD	BOARD	FIX	FIXTURE	PA	PUBLIC ADDRESS	WI	WITH
BHD	BULKHEAD	FL	FLOOR	PC	PLUMBING CONTRACTOR	W/O	WITHOUT
BITUM	BITUMINOUS	FLUOR	FLUORESCENT	PCON	POLISHED CONCRETE	WB	WOOD BASE
BL	BORROWED LITE	FO	FINISHED OPENING	PDO	POWER DOOR OPERATOR	WC	WATER CLOSET
BLDG	BUILDING	FOC	FACE OF CONCRETE	PERP	PERPENDICULAR	WD	WOOD
BLKG	BLOCKING	FOS	FACE OF STUD	PL	PLATE, PROPERTY LINE	WF	WIDE FLANGE
BM	BEAM	FFRF	FIREPROOFING	PLAM	PLASTIC LAMINATE	WM	WIRE MESH
BN	BULLNOSE	FRP	FIBERGLASS REINFORCED PLASTIC, FIBERGLASS	PLAM	PLASTIC LAMINATE	WP	WATERPROOF, WEATHERPROOF, WALL PROTECTION
BO	BOTTOM OF			PLAS	PLASTER	WR	WATER RESISTANT, WATER RECEPTACLE
BOT	BOTTOM	FRt	FIRE RETARDANT	PLBG	PLUMBING	WT	WEIGHT
BP	BASE PLATE	FRZ	FREEZER	PLYWD	PLYWOOD	WWF	WELDED WIRE FABRIC
BRG	BEARING	FT	FOOT, FEET	PR	PAIR		
BSC	BIO-SAFETY CABINET	FTG	FOOTING	PT	PAINT	YD	YARD
BTU	BRITISH THERMAL UNITS	FURR	FURRING	PTD	PAPER TOWEL DISPENSER		
BTUH	BRITISH THERMAL UNITS PER HOUR	FUT	FUTURE	PTDR	PAPER TOWEL DISPENSER / RECEPTACLE		
BTW	BETWEEN	FV	FIELD VERIFY	PTN	PARTITION		
BUR	BUILT-UP ROOF			PTR	PAPER TOWEL RECEPTACLE		
				PVT	PAVER TILE		
C	CONVECTOR, CHANNEL	G	GAS	QSM	QUARTZ SURFACING MATERIAL		
CAB	CABINET	GALV	GALVANIZED	QT	QUARRY TILE		
CB	CATCH BASIN	GB	GRAB BAR				
CEM	CEMENT	GC	GENERAL CONTRACTOR				
CER	CERAMIC	GL	GLASS	R	RADIUS, RISER		
OFCl	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	GMSG	GLASS MAT GYPSUM SHEATING	RA	RETURN AIR		
CFM	CUBIC FEET PER MINUTE	GND	GROUND	RB	RESILIENT BASE		
CG	CORNER GUARD	GWB	GYPSUM WALL BOARD	RBC	RESILIENT BASE COVERED		
CH	COAT HOOK	GYP	GYPSUM	RBS	RESILIENT BASE STRAIGHT		
CHBD	CHALKBOARD			RO	ROOF DRAIN		
CJ	CONTROL JOINT	H	HIGH	REF	REFERENCE, REFRIGERATOR		
CL	CENTER LINE	HB	HOSE BIBB	REFR	REFRIGERATOR		
CLG	CEILING	HBD	HARDBOARD	RENF	REINFORCED		
CLOS	CLOSET	HC	HOLLOW CORE	REM	REMOVE		
CLR	CLEAR	HDWD	HARDWOOD	REQ	REQUIRED		
CMU	CONCRETE MASONRY UNIT	HDWE	HARDWARE	REOD	REQUIRED		
COL	COLUMN	HM	HOLLOW METAL	RF	RESINOUS FLOORING		
CMC	CONCRETE	HORIZ	HORIZONTAL	RM	ROOM, RATED METAL		
CONJ	CONSTRUCTION JOINT	HP	HORSEPOWER	RO	ROUGH OPENING		
CONN	CONNECTION	HPC	HIGH PERFORMANCE COATING	RSF	RUBBER SHEET FLOORING		
CONST	CONSTRUCTION	HR	HOUR	RSF	RUBBER SHEET FLOORING		
CONT	CONTROL	HSS	HOLLOW STRUCTURAL STEEL	RT	RUBBER TILE		
CONTR	CONTRACTOR	HT	HEIGHT	RTF	RUBBER TILE FLOORING		
CORR	CORRIDOR	HVAC	HEATING, VENTILATION, & AIR CONDITIONING	RUB	RUBBER		
CPT	SHEET CARPETING	HWD	HARDWOOD	RWD	REDWOOD		
CR	CARD READER	ID	INSIDE DIAMETER	S	SOUTH, SINK, SUPPLY		
CS	CAST STONE	IE	INVERT ELEVATION	SAV	STAIN & VARNISH		
CT	CERAMIC TILE	IF	INSIDE FACE	SAB	SOUND ATTENUATION BLANKET		
CTR	CENTER	IMP	INSULATED METAL PANEL	SAN	SANITARY		
CTSK	COUNTERSINK	INSUL	INSULATION	SB	SOIL BORING		
CU	CONDENSING UNIT	INT	INTERIOR	SC	SOLID CORE		
CUH	CABINET UNIT HEATER	ITD	IMPACT TRAFFIC DOOR	SCD	SEAT COVER DISPENSER		
CYL	CYLINDER			SCHED	SCHEDULE		
		JAN	JANITOR	SCON	SEALED CONCRETE		
D	DEPTH	JBE	JOIST BEARING ELEVATION	SD	SOAP DISPENSER		
DBA	DECK BEARING ANGLE	JT	JOINT	SECT	SECTION		
DBL	DOUBLE			SF	SQUARE FOOT		
DEMO	DEMOLITION, DEMOLISH	KIT	KITCHEN	SH	SHELF		
DEPT	DEPARTMENT	KO	KNOCKOUT	SHR	SHOWER		
DF	DRINKING FOUNTAIN	KP	KICK PLATE	SHT	SHEET		
DIA	DIAMETER	KS	KNEE SPACE	SN	SIMILAR		
DIAG	DIAGONAL			SND	SANITARY NAPKIN DISPENSER		
DM	DIMENSION	L	LENGTH, ANGLE	SNR	SANITARY NAPKIN RECEPTACLE		
DISP	DISPENSER	LAB	LABORATORY	SOG	SLAB ON GRADE		
DN	DOWN	LAM	LAMINATE	SPEC	SPECIFICATION		
DO	DO OVER, DITTO	LAV	LAVATORY	SG	SQUARE		
DP	DAMP-PROOFING	LLH	LONG LEG HORIZONTAL	SS	STAINLESS STEEL		
DR	DOOR	LLV	LONG LEG VERTICAL	SSM	SOLID SURFACE MATERIAL		
DS	DOWNSPOUT	LT	LIGHT	ST	STONE		
DSd	DUCT SMOKE DETECTOR	LVT	LUXURY VINYL TILE	STA	STATION		
DT	DRAIN TILE	LWC	LIGHT WEIGHT CONCRETE	STD	STANDARD		
DTL	DETAIL			STL	STEEL		
DWG	DRAWING	MATL	MATERIAL	STOR	STORAGE		
DWL	DOWEL	MAX	MAXIMUM	STRUC	STRUCTURAL		
		MB	MOP BASIN	SUSP	SUSPENDED		
E	EAST	MC	MECHANICAL CONTRACTOR	SWC	SUSPENDED WOOD CEILING		
EA	EACH, EXHAUST AIR	MECH	MECHANICAL	SYM	SYMMETRICAL		
EC	ELECTRICAL CONTRACTOR, EXPOSED CONCRETE	MEMB	MEMBRANE				
EF	EXHAUST FAN	MEP	MECHANICAL, ELECTRICAL, PLUMBING	T	TREAD, THRESHOLD		
EHD	ELECTRIC HAND DRYER	MEZZ	MEZZANINE	T&B	TOP & BOTTOM		
EIFS	EXTERIOR INSULATION FINISH SYSTEM	MFR	MANUFACTURER	T&G	TONGUE & GROOVE		
EJ	EXPANSION JOINT	MH	MANHOLE, MOP HOLDER	TEL	TELEPHONE		
EL	ELEVATION						

MATERIAL LEGEND

	CONCRETE (SECTION)
	CONCRETE MASONRY UNIT (SECTION)
	BRICK (SECTION)
	STEEL (SECTION)
	RIGID INSULATION (SECTION)
	PLYWOOD (SECTION)
	GRANULAR FILL
	SOIL, INFILL
	SOIL, UNDISTURBED

SYMBOL LEGEND

	DETAIL REFERENCE		COLUMN GRID NUMBER
	SECTION REFERENCE		VERTICAL ELEVATION
	BUILDING SECTION REFERENCE		ROOM NAME
	INTERIOR ELEVATION		ROOM NAME/ ROOM NUMBER
	EXTERIOR ELEVATION		PARTITION TYPE
	REVISION (Cloud Around Revision)		SPECIFIC ELEVATION NOTE
			SPECIFIC PLAN NOTE
			SPECIFIC DEMOLITION NOTE



STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

CONSTRUCTION
DOCUMENTS

ISSUED FOR
CONSTRUCTION

REVISIONS

No.	DESCRIPTION	DATE
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KEYPLAN (NOT TO SCALE)

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DRAWING SET	CD
DATE	08/31/2026
PROJECT NO.	2025012

PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

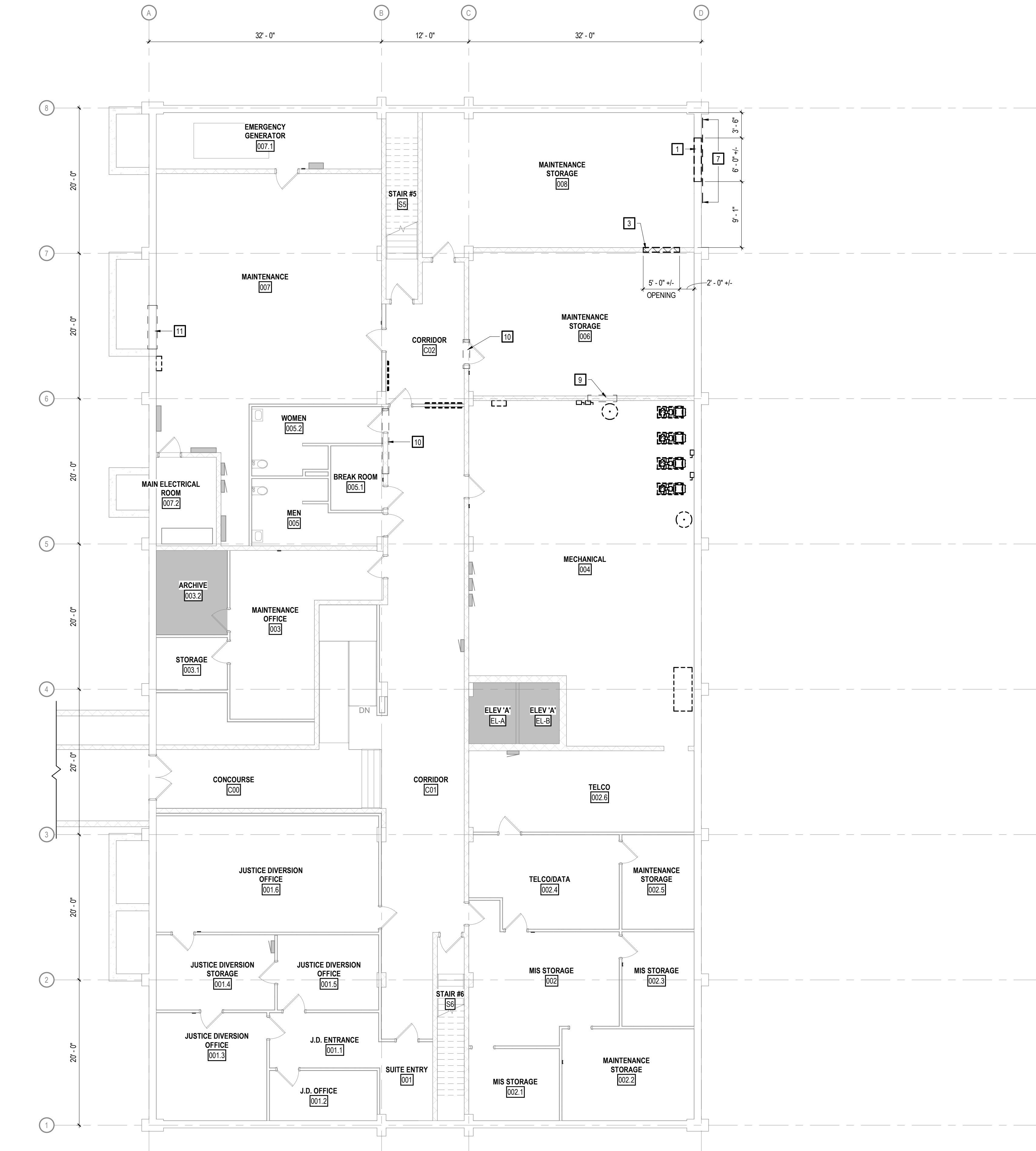
515 OAK ST.
BARABOO, WI 53913

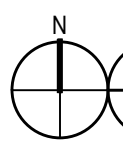
SHEET NAME

GENERAL
INFORMATION

SHEET NO.

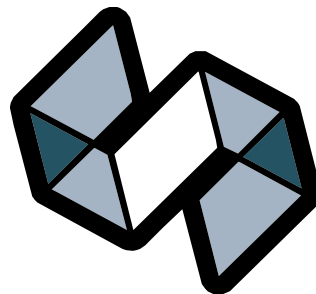
G001



 **1**
A100 **BASEMENT DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION PLAN NOTES

- 1 MAINTAIN CONTINUOUS UTILITY TO ALL SPACES IN THE BUILDING. COORDINATE DISRUPTIONS IN SERVICE WITH OWNER.
- 2 PROTECT IN PLACE DURING ENTIRE CONSTRUCTION PROCESS. ALL FLOORING, SURFACES AND ITEMS TO REMAIN.
- 3 COORDINATE THE AVAILABILITY OF AREAS REQUIRING DEMOLITION WITH OWNER. SEQUENCE WORK ACCORDINGLY AND COORDINATE W/ ALL TRADES.
- 4 EXISTING CONSTRUCTION TO REMAIN IS SHOWN SCREENED. CONSTRUCTION AND EQUIPMENT TO BE REMOVED IS SHOWN WITH BOLD DASHED LINES.
- 5 PATCH, PREPARE, REPAIR AND / OR RESTORE SURFACES SCHEDULED TO REMAIN INTACT THAT ARE DAMAGED AS A RESULT OF DEMOLITION WORK.
- 6 VISIT THE SITE PRIOR TO SUBMITTING A BID TO BECOME FAMILAR WITH EXISTING CONDITIONS.
- 7 DEMOLITION PLANS NOT NECESSARILY INCLUSIVE OF ALL ITEMS NEEDING REMOVAL. COORDINATE WITH ALL OTHER DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS.
- 8 COORDINATE DEMOLITION DIMENSIONS ON THIS PLAN WITH OTHER DRAWINGS AND EXISTING CONDITIONS.
- 9 REFER TO HVAC AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION AND MODIFICATIONS REQUIRED FOR HVAC AND ELECTRICAL WORK.



STRANG

SPECIFIC DEMOLITION PLAN NOTES

- 1 REMOVE PORTION OF CONCRETE FOUNDATION WALL. COORDINATE WITH MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR REGARDING ROUGH OPENING REQUIRED FOR NEW EQUIPMENT. WALL BELOW DUCT TO REMAIN IN PLACE.
- 3 REMOVE PORTION OF MASONRY WALL DOWN TO BOTTOM OF NEW DUCT. COORDINATE WITH MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR REGARDING ROUGH OPENING REQUIRED FOR NEW EQUIPMENT.
- 7 CAREFULLY REMOVE PORTIONS OF THE SHEET / MEMBRANE AS REQUIRED FOR NEW WALL OPENING, FOOTINGS, AND FOUNDATION WALL.
- 9 REMOVE LOOSE BLOCKS NEAR BOTTOM OF STRUCTURE.
- 10 REMOVE PORTION OF MASONRY WALL ABOVE CEILING FOR NEW DUCT. COORDINATE WITH MECHANICAL AND STRUCTURAL DRAWINGS AND MECHANICAL CONTRACTOR REGARDING ROUGH OPENING REQUIRED FOR NEW EQUIPMENT.
- 11 ENLARGE LOUVER OPENING. COORDINATE WITH MECHANICAL AND STRUCTURAL DRAWINGS.

SCOPE LEGEND

 NOT IN SCOPE

**CONSTRUCTION
DOCUMENTS**

**ISSUED FOR
CONSTRUCTION**

REVISIONS

No.	DESCRIPTION	DATE
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KEYPLAN (NOT TO SCALE)

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DRAWING SET	CD
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DATE	08/31/2026
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PROJECT NO.	2025012
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PROJECT TITLE

**SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES**

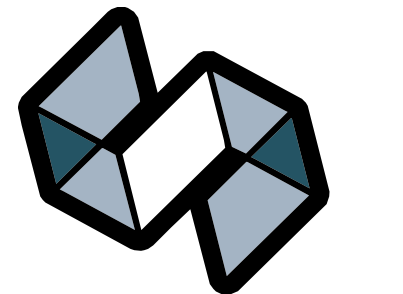
515 OAK ST.
BARABOO, WI 53913

SHEET NAME

**BASEMENT
DEMOLITION PLAN
(PHASE 1)**

SHEET NO.

A100



STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

GENERAL DEMOLITION PLAN NOTES

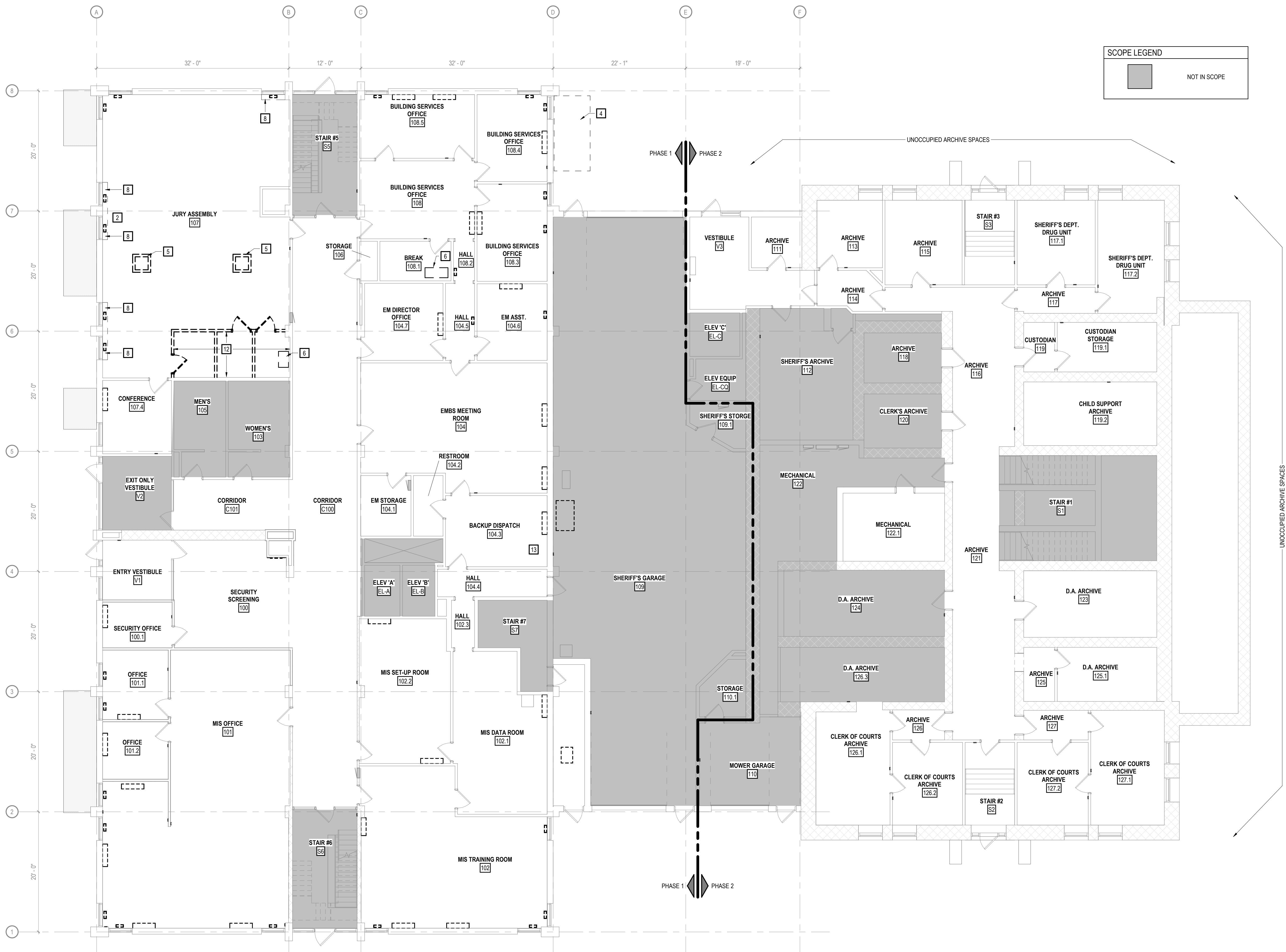
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SPECIFIC DEMOLITION PLAN NOTES

- 2 OWNER TO REMOVE THE AUDIO SYSTEM FROM COLUMNS.
- 4 REMOVE PORTION OF ASPHALT AND SOIL FOR AREA WELL.
- 5 REMOVE FREE STANDING 6FT TALL PEDESTAL IN ITS ENTIRETY. PEDESTAL IS STUD AND GYPSUM WALL BOARD CONSTRUCTION.
- 6 FLOOR PENETRATION FOR MECHANICAL DUCT. COORDINATE SIZE AND LOCATION WITH MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR.
- 8 REMOVE BREAK METAL/GRILLE IN ITS ENTIRETY. PROTECT WINDOW SILL FROM DAMAGE.
- 12 OWNER TO REMOVE THESE ROOMS IN THEIR ENTIRETY PRIOR TO CONSTRUCTION - WALLS, DOORS, FINISHES, MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND ALARMS.
- 13 CABINET UNIT HEATER TO BE REMOVED IN THIS AREA. SEE MECHANICAL.

SCOPE LEGEND

NOT IN SCOPE



CONSTRUCTION
DOCUMENTS

ISSUED FOR
CONSTRUCTION

REVISIONS

No. DESCRIPTION DATE

KEYPLAN (NOT TO SCALE)

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DRAWING SET CD

DATE 08/31/2026

PROJECT NO. 2025012

PROJECT TITLE

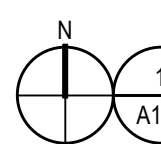
SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 OAK ST.
BARABOO, WI 53913

SHEET NAME

FIRST FLOOR
DEMOLITION PLAN
(PHASES 1 & 2)

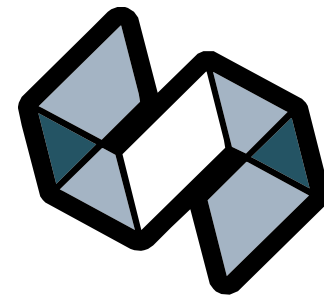
SHEET NO.



FIRST FLOOR DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

A101



STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

CONSTRUCTION
DOCUMENTS

ISSUED FOR
CONSTRUCTION

REVISIONS		
No.	DESCRIPTION	DATE

KEYPLAN (NOT TO SCALE)

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DRAWING SET	CD
DATE	08/31/2026
PROJECT NO.	2025012

PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 OAK ST.
BARABOO, WI 53913

SHEET NAME

BASEMENT RCP
DEMOLITION PLAN
(PHASE 1)

SHEET NO.

CEILING PLAN MATERIAL LEGEND

	GYPSUM BOARD CEILING		2x2 SQUARE RECESSED DOWNLIGHT. HALF SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING. MEDIAL LINES INDICATE ORIENTATION.		2x2 SQUARE RECESSED DOWNLIGHT. HALF SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING. MEDIAL LINES INDICATE ORIENTATION.
	2 x 2 ACOUSTICAL CEILING PANELS		4' INDUSTRIAL LUMINAIRE. FILLED CIRCLE INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		LINEAR PENDANT OR RECESSED LIGHT
	2 x 4 ACOUSTICAL CEILING PANELS		ROUND RECESSED DOWNLIGHT. SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		SUPPLY AIR DIFFUSER
	EXIT LIGHT		SQUARE RECESSED DOWNLIGHT. SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		RETURN AIR GRILLE
					EXHAUST GRILLE
					LINEAR DIFFUSER

7 SPECIFIC DEMOLITION CEILING PLAN NOTES

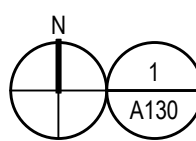
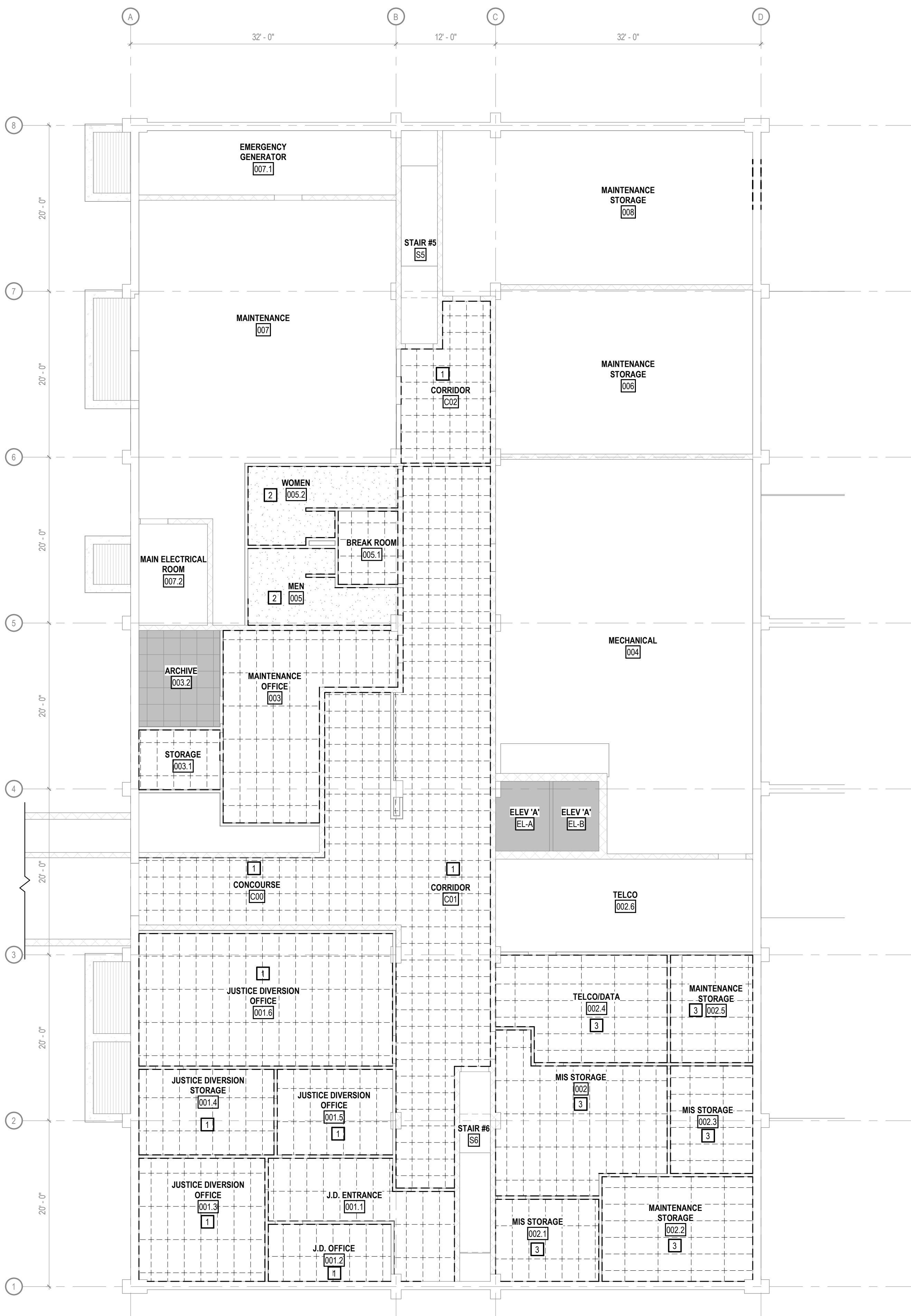
- 1 REMOVE ACP CEILING. REFER TO MECHANICAL AND/OR ELECTRICAL FOR FURTHER INFORMATION.
- 2 REMOVE GYPSUM CEILING AND SUPPORT FRAMING. REFER TO MECHANICAL AND/OR ELECTRICAL FOR FURTHER INFORMATION.
- 3 REMOVE PORTION OF ACP AND/OR GRID ONLY AS NECESSARY FOR MECHANICAL AND/OR ELECTRICAL INSTALL. SALVAGE ANY REMOVED ACP AND GRID FOR REINSTALLATION.

GENERAL DEMOLITION CEILING PLAN NOTES

- 1 MAINTAIN CONTINUOUS UTILITY TO ALL SPACES IN THE BUILDING. COORDINATE DISRUPTIONS IN SERVICE WITH OWNER.
- 2 PROTECT IN PLACE DURING ENTIRE CONSTRUCTION PROCESS: ALL FLOORING, SURFACES AND ITEMS TO REMAIN.
- 3 COORDINATE THE AVAILABILITY OF AREAS REQUIRING DEMOLITION WITH OWNER. SEQUENCE WORK ACCORDINGLY AND COORDINATE W/ ALL TRADES.
- 4 EXISTING CONSTRUCTION TO REMAIN IS SHOWN SCREENED. CONSTRUCTION AND EQUIPMENT TO BE REMOVED IS SHOWN WITH DASHED LINES.
- 5 PATCH, PREPARE, REPAIR AND / OR RESTORE SURFACES SCHEDULED TO REMAIN INTACT THAT ARE DAMAGED AS A RESULT OF DEMOLITION WORK.
- 6 VISIT THE SITE PRIOR TO SUBMITTING A BID TO BECOME FAMILIAR WITH EXISTING CONDITIONS.
- 7 DEMOLITION PLANS NOT NECESSARILY INCLUSIVE OF ALL ITEMS NEEDING REMOVAL. COORDINATE WITH ALL OTHER DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS.
- 8 COORDINATE DEMOLITION DIMENSIONS ON THIS PLAN WITH OTHER DRAWINGS AND EXISTING CONDITIONS.
- 9 REFER TO HVAC AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION AND MODIFICATIONS REQUIRED FOR HVAC AND ELECTRICAL SYSTEMS.

SCOPE LEGEND

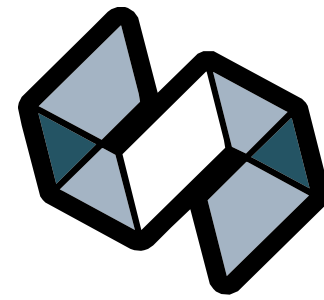
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1 BASEMENT RCP DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

A130



STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

CONSTRUCTION
DOCUMENTS

ISSUED FOR
CONSTRUCTION

REVISIONS		
No.	DESCRIPTION	DATE

KEYPLAN (NOT TO SCALE)

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DRAWING SET	CD
DATE	08/31/2026
PROJECT NO.	2025012

PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 OAK ST.
BARABOO, WI 53913

SHEET NAME

SECOND FLOOR RCP
DEMOLITION PLAN
(PHASE 2)

SHEET NO.

CEILING PLAN MATERIAL LEGEND

	GYPSUM BOARD CEILING		2'x2' SQUARE RECESSED DOWNLIGHT. HALF SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING. MEDIAL LINES INDICATE ORIENTATION.		2'x2' SQUARE RECESSED DOWNLIGHT. HALF SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING. MEDIAL LINES INDICATE ORIENTATION.
	2' x 2' ACOUSTICAL CEILING PANELS		4' INDUSTRIAL LUMINAIRE. FILLED CIRCLE INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		LINEAR PENDANT OR RECESSED LIGHT
	2' x 4' ACOUSTICAL CEILING PANELS		ROUND RECESSED DOWNLIGHT. SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		SUPPLY AIR DIFFUSER
	EXIT LIGHT		SQUARE RECESSED DOWNLIGHT. SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		RETURN AIR GRILLE
					EXHAUST GRILLE
					LINEAR DIFFUSER

1 SPECIFIC DEMOLITION CEILING PLAN NOTES

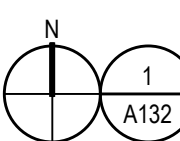
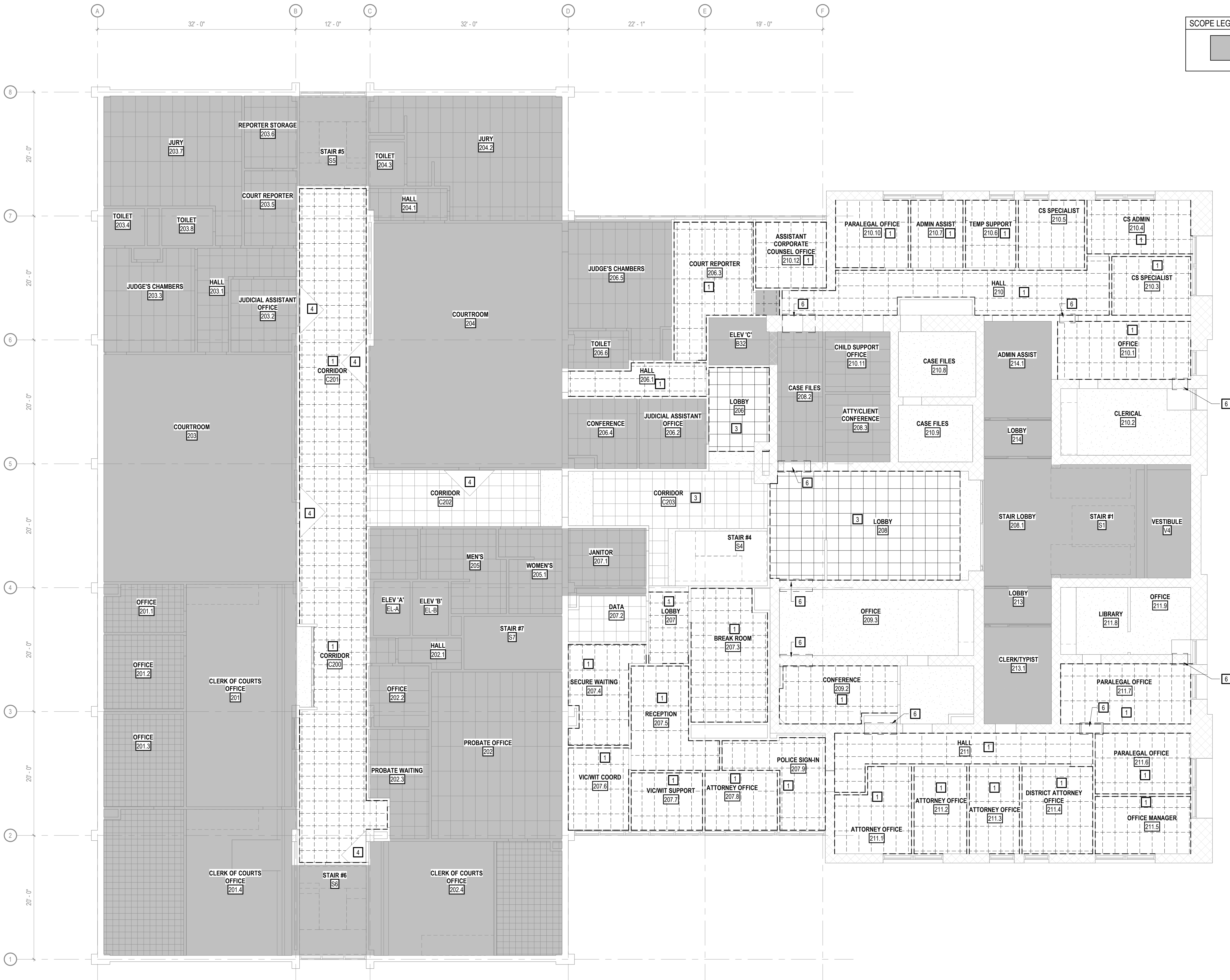
- 1 REMOVE ACP CEILING. REFER TO MECHANICAL AND/OR ELECTRICAL FOR FURTHER INFORMATION.
- 3 REMOVE PORTION OF ACP AND/OR GRID ONLY AS NECESSARY FOR MECHANICAL AND/OR ELECTRICAL INSTALL. SALVAGE ANY REMOVED ACP AND GRID FOR REINSTALLATION.
- 4 REMOVE PORTION OF GYPSUM SOFFIT FOR THE INSTALL OF MECHANICAL AND / OR ELECTRICAL. PROTECT ADJACENT SURFACES TO REMAIN.
- 6 REMOVE PORTION OF MASONRY WALL ABOVE CEILING FOR NEW DUCT. COORDINATE WITH MECHANICAL AND STRUCTURAL DRAWINGS AND MECHANICAL CONTRACTOR REGARDING ROUGH OPENING REQUIRED FOR NEW EQUIPMENT.

GENERAL DEMOLITION CEILING PLAN NOTES

- 1 MAINTAIN CONTINUOUS UTILITY TO ALL SPACES IN THE BUILDING. COORDINATE DISRUPTIONS IN SERVICE WITH OWNER.
- 2 PROTECT IN PLACE DURING ENTIRE CONSTRUCTION PROCESS: ALL FLOORING, SURFACES AND ITEMS TO REMAIN.
- 3 COORDINATE THE AVAILABILITY OF AREAS REQUIRING DEMOLITION WITH OWNER. SEQUENCE WORK ACCORDINGLY AND COORDINATE WITH ALL TRADES.
- 4 EXISTING CONSTRUCTION TO REMAIN IS SHOWN SCREENED. CONSTRUCTION AND EQUIPMENT TO BE REMOVED IS SHOWN WITH DASHED LINES.
- 5 PATCH, PREPARE, REPAIR AND / OR RESTORE SURFACES SCHEDULED TO REMAIN INTACT THAT ARE DAMAGED AS A RESULT OF DEMOLITION WORK.
- 6 VISIT THE SITE PRIOR TO SUBMITTING A BID TO BECOME FAMILIAR WITH EXISTING CONDITIONS.
- 7 DEMOLITION PLANS NOT NECESSARILY INCLUSIVE OF ALL ITEMS NEEDING REMOVAL. COORDINATE WITH ALL OTHER DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS.
- 8 COORDINATE DEMOLITION DIMENSIONS ON THIS PLAN WITH OTHER DRAWINGS AND EXISTING CONDITIONS.
- 9 REFER TO HVAC AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION AND MODIFICATIONS REQUIRED FOR HVAC AND ELECTRICAL SYSTEMS.

SCOPE LEGEND

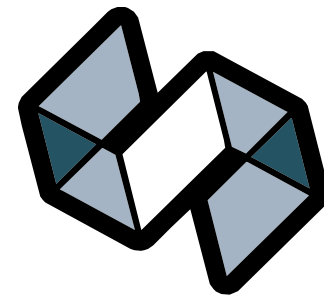
NOT IN SCOPE



1 SECOND FLOOR RCP DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

A132



STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

CONSTRUCTION
DOCUMENTS

ISSUED FOR
CONSTRUCTION

REVISIONS		
No.	DESCRIPTION	DATE

KEYPLAN (NOT TO SCALE)

COPYRIGHT STRANG, INC.	2026
DRAWING SET	CD
DATE	08/31/2026
PROJECT NO.	2025012

PROJECT TITLE
SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 OAK ST.
BARABOO, WI 53913

SHEET NAME
THIRD FLOOR RCP
DEMOLITION PLAN
(PHASE 3)

SHEET NO.

A133

CEILING PLAN MATERIAL LEGEND					
	GYPSUM BOARD CEILING		2'x2' SQUARE RECESSED DOWNLIGHT. HALF SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING. MEDIAL LINES INDICATE ORIENTATION.		2'x2' SQUARE RECESSED DOWNLIGHT. HALF SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING. MEDIAL LINES INDICATE ORIENTATION.
	2' x 2' ACOUSTICAL CEILING PANELS		4' INDUSTRIAL LUMINAIRE. FILLED CIRCLE INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		LINEAR PENDANT OR RECESSED LIGHT
	2' x 4' ACOUSTICAL CEILING PANELS		ROUND RECESSED DOWNLIGHT. SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		SUPPLY AIR DIFFUSER
	EXIT LIGHT		SQUARE RECESSED DOWNLIGHT. SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		RETURN AIR GRILLE
			LINEAR DIFFUSER		EXHAUST GRILLE

1 SPECIFIC DEMOLITION CEILING PLAN NOTES

- 1 REMOVE ACP CEILING. REFER TO MECHANICAL AND/OR ELECTRICAL FOR FURTHER INFORMATION.

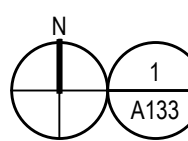
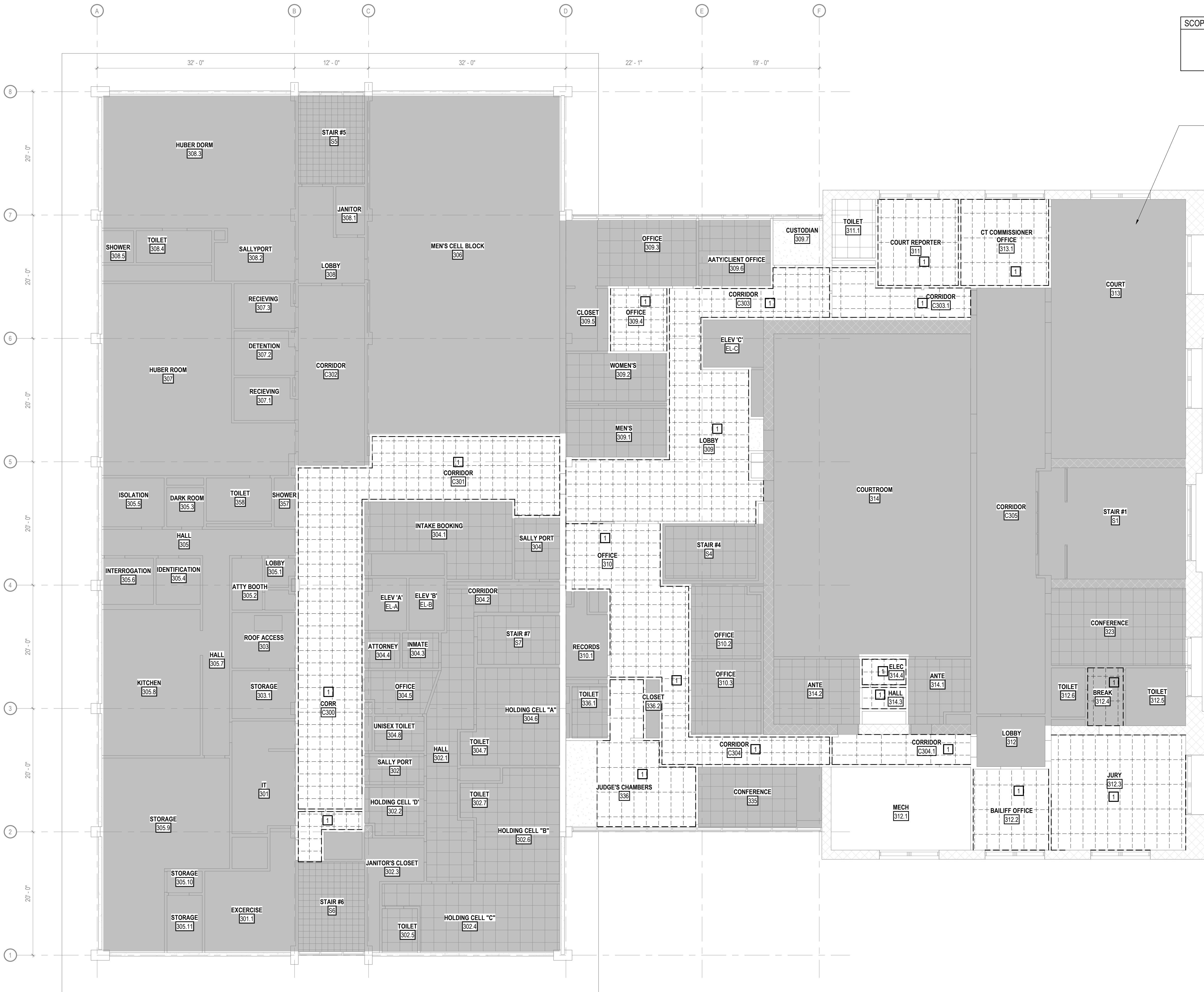
GENERAL DEMOLITION CEILING PLAN NOTES

- 1 MAINTAIN CONTINUOUS UTILITY TO ALL SPACES IN THE BUILDING. COORDINATE DISRUPTIONS IN SERVICE WITH OWNER.
- 2 PROTECT IN PLACE DURING ENTIRE CONSTRUCTION PROCESS: ALL FLOORING, SURFACES AND ITEMS TO REMAIN.
- 3 COORDINATE THE AVAILABILITY OF AREAS REQUIRING DEMOLITION WITH OWNER. SEQUENCE WORK ACCORDINGLY AND COORDINATE W/ ALL TRADES.
- 4 EXISTING CONSTRUCTION TO REMAIN IS SHOWN SCREENED. CONSTRUCTION AND EQUIPMENT TO BE REMOVED IS SHOWN WITH DASHED LINES.
- 5 PATCH, PREPARE, REPAIR AND / OR RESTORE SURFACES SCHEDULED TO REMAIN INTACT THAT ARE DAMAGED AS A RESULT OF DEMOLITION WORK.
- 6 VISIT THE SITE PRIOR TO SUBMITTING A BID TO BECOME FAMILIAR WITH EXISTING CONDITIONS.
- 7 DEMOLITION PLANS NOT NECESSARILY INCLUSIVE OF ALL ITEMS NEEDING REMOVAL. COORDINATE WITH ALL OTHER DRAWINGS AND FIELD VERIFY EXISTING CONDITIONS.
- 8 COORDINATE DEMOLITION DIMENSIONS ON THIS PLAN WITH OTHER DRAWINGS AND EXISTING CONDITIONS.
- 9 REFER TO HVAC AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION AND MODIFICATIONS REQUIRED FOR HVAC AND ELECTRICAL SYSTEMS.

SCOPE LEGEND

NOT IN SCOPE

TYPICAL TO ALL ARCHITECTURAL SHEETS.
AREAS IN GRAY ARE NOT IN ARCHITECTURAL SCOPE.
REFER TO OTHER DISCIPLINES FOR THEIR SCOPE.



THIRD FLOOR RCP DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



MADISON, WI | WAUKESHA, WI

1. ALL DRAWINGS ARE OF EQUAL IMPORTANCE IN DEFINING THE WORK OF THE CONTRACT DOCUMENTS. REVIEW ALL DRAWINGS DURING THE BIDDING PERIOD AND BEFORE INSTALLATION OF WORK. PROMPTLY REPORT INCONSISTENCIES IN THE DRAWINGS TO THE ARCHITECT.
2. DO NOT SCALE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. USE GIVEN DIMENSIONS. VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE ARCHITECT FOR CLARIFICATION BEFORE COMMENCING THE WORK. DIMENSIONS ARE GIVEN FROM FACE UNLESS OTHERWISE NOTED. WALL SECTIONS AND PARTITION TYPES FOR DETAILS.
3. WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED FROM DOCUMENTS, CONSULT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. PATCH, PREPARE, AND / OR RESTORE WORK SCHEDULED TO REMAIN THAT IS DAMAGED AS A RESULT OF DEMOLITION WORK. RESTORATION AND PATCHING SHALL BE TO MATCH EXISTING SURFACES AND ADJACENT MATERIALS AND FINISHES. FIRE RATED WALLS TO BE RESTORED TO MAINTAIN REQUIRED FIRE RATING.
5. PROTECT WORK IN PLACE DURING CONSTRUCTION.
6. COORDINATE THE AVAILABILITY OF AREAS REQUIRING WORK WITH THE OWNER.
7. REFER TO MECHANICAL, ELECTRICAL, AND STRUCTURAL DRAWINGS FOR ADDITIONAL WORK AND MODIFICATIONS REQUIRED FOR HVAC, ELECTRICAL, AND PLUMBING SYSTEMS.
8. AT ALL NEW DUCT PENETRATIONS IN EXISTING STUD WALLS, FRAME OPENING AND REFINISH WALL TO DUCT. SEAL DUCT TO WALL(S).
9. AT ALL SEPARATING PENETRATIONS IN EXISTING STUD WALLS, SEAL PIPING TO WALL(S).

1. INFILL EXISTING REMAINING OPENING WITH CMU AFTER MECHANICAL LOUVER IS REMOVED
2. INFILL EXISTING OPENING WITH CMU. PROVIDE FILL BED OF MORTAR
3. NEWER OPENING. COORDINATE WITH STRUCTURAL DRAWINGS REGARDING REQUIRED UNIL SIZE.
4. NEW EXTERIOR AREA WALL. REFER TO SECTION FOR FURTHER INFORMATION.
5. INFILL STUD AND GYPSUM BOARD WALL. WALL FINISH FLUSH AT BOTH SIDES OF STUD
6. INSTALL ASPHALTIC COATING OVER THE EXPOSED EDGE OF THE EXISTING MEMBRANE. EXTEND COATING TO MINIMUM 3" INTO THE NEW AREA WALL WALL.
7. NEW EXTERIOR AREA WALL. COORDINATE WITH EXISTING MEMBRANE AND UP TO THE EDGE OF THE NEW AREA WALL WALL.
8. TOOTH IN MASONRY BLOCK OF SIMILAR WALL. MORTAR IN PLACE.
9. TOOTH IN MASONRY ABOVE NEW DUCTWORK BLOCK OF SIMILAR WALL. REFER TO SECTION FOR FURTHER INFORMATION ON UNIL REQUIREMENTS.
10. TOOTH IN MASONRY ABOVE NEW DUCTWORK BLOCK OF SIMILAR WALL. REFER TO STRUCTURE FOR FURTHER INFORMATION ON UNIL REQUIREMENTS.
11. 4" HIGH USEKEEPING DIME. DIMENSIONS ON PLAN ARE APPROXIMATE.
12. APPROXIMATE UNIL SIZE. LOCATION WITH APPROVED EQUIPMENT AND INSTALLING CONTRACTORS.

	NOT IN SCOPE
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**ISSUED FOR
CONSTRUCTION**

No.	DESCRIPTION
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DATE _____

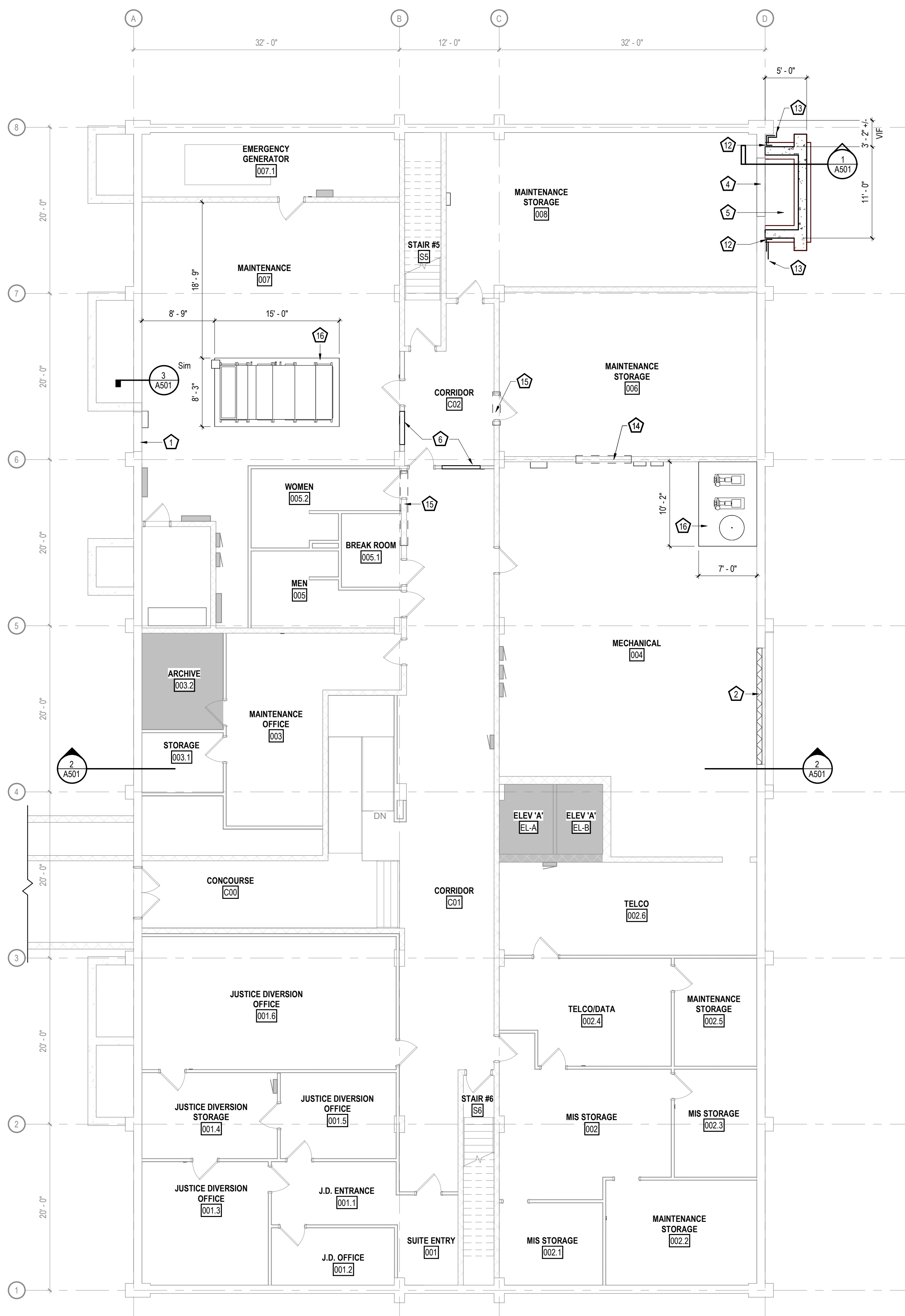
KEYPLAN (NOT TO SCALE)

PROJECT TITLE

515 OAK ST.
BARABOO, WI 53913

BASEMENT FLOOR
PLAN (PHASE 1)

A200



SCALE: 1/8" = 1'-0"



MADISON, WI | WAUKESHA, WI

- 1 ALL DRAWINGS ARE OF EQUAL IMPORTANCE IN DEFINING THE WORK OF THE CONTRACT DOCUMENTS. REVIEW ALL DRAWINGS DURING THE BIDDING PERIOD AND BEFORE INSTALLATION OF WORK. PROMPTLY REPORT INCONSISTENCIES IN THE DRAWINGS TO THE ARCHITECT.
- 2 DO NOT SCALE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE - GIVEN DIMENSIONS. VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO THE START OF CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ARCHITECT. THE CONTRACTOR SHALL BE REPORTED PROMPTLY TO THE ARCHITECT FOR CLARIFICATION BEFORE COMMENCING THE WORK. DIMENSIONS ARE GIVEN FROM FACE OF FACE OF WALLS. SEE WALL SECTIONS AND PARTITION TYPES FOR DETAILS.
- 3 WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED FROM DOCUMENTS, CONSULT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
- 4 PATCH, PREPARE, AND / OR RESTORE WORK SCHEDULED TO REMAIN THAT IS DAMAGED AS A RESULT OF DEMOLITION WORK. RESTORATION AND PATCHING SHALL BE DONE TO MATCH EXISTING MATERIALS AND ADJACENT MATERIALS AND FINISHES. FIRE RATED WALLS TO BE RESTORED TO MAINTAIN REQUIRED FIRE RATING.
- 5 PROTECT WORK IN PLACE DURING CONSTRUCTION.
- 6 COORDINATE THE AVAILABILITY OF AREAS REQUIRING WORK WITH THE OWNER.
- 7 REFER TO MECHANICAL, ELECTRICAL, AND STRUCTURAL DRAWINGS FOR ADDITIONAL WORK AND MODIFICATIONS REQUIRED FOR HVAC, ELECTRICAL, AND MECHANICAL SYSTEMS.
- 8 AT ALL NEW DUCT PENETRATIONS IN EXISTING STUD WALLS, FRAME, OPENING AND REFINISH WALL TIGHT TO DUCT. SEAL DUCT TO WALL(S).
- 9 AT ALL NEW PIPING PENETRATIONS IN EXISTING STUD WALLS, SEAL PIPING TO

- 3 REPAIR / PATCH / FINISH EXISTING WALLS AND FLOORS AT ROOMS TO BE REMOVED BY OWNER
- 7 CONCRETE FILLED BOLLARDS, SEE 1A501 FOR DETAILS.
- 8 AT FLOOR PENETRATIONS LARGER THAN 3" DIAMETER INFILL WITH CONCRETE, STEEL PLATE ANCHORED TO THE BOTTOM AND SEALANT. SEE DETAIL 3A501 FOR FLOOR INFILL DETAIL.
- 9 REFER TO STRUCTURAL FOR FLOOR INFILL.
- 10 DUCT PENETRATION REFER TO STRUCTURAL AND MECHANICAL FOR FURTHER INFORMATION, FIELD VERIFICATION.
- 11 PAINT THE EAST WALL OF THE AREA WELL FROM BOLLARD TO BOLLARD WITH YELLOW, TRAFFIC MARKING PAINT.

 NOT IN SCOPE

**ISSUED FOR
CONSTRUCTION**

No.	DESCRIPTION	DATE
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KEYPLAN (NOT TO SCALE)

PROJECT TITLE

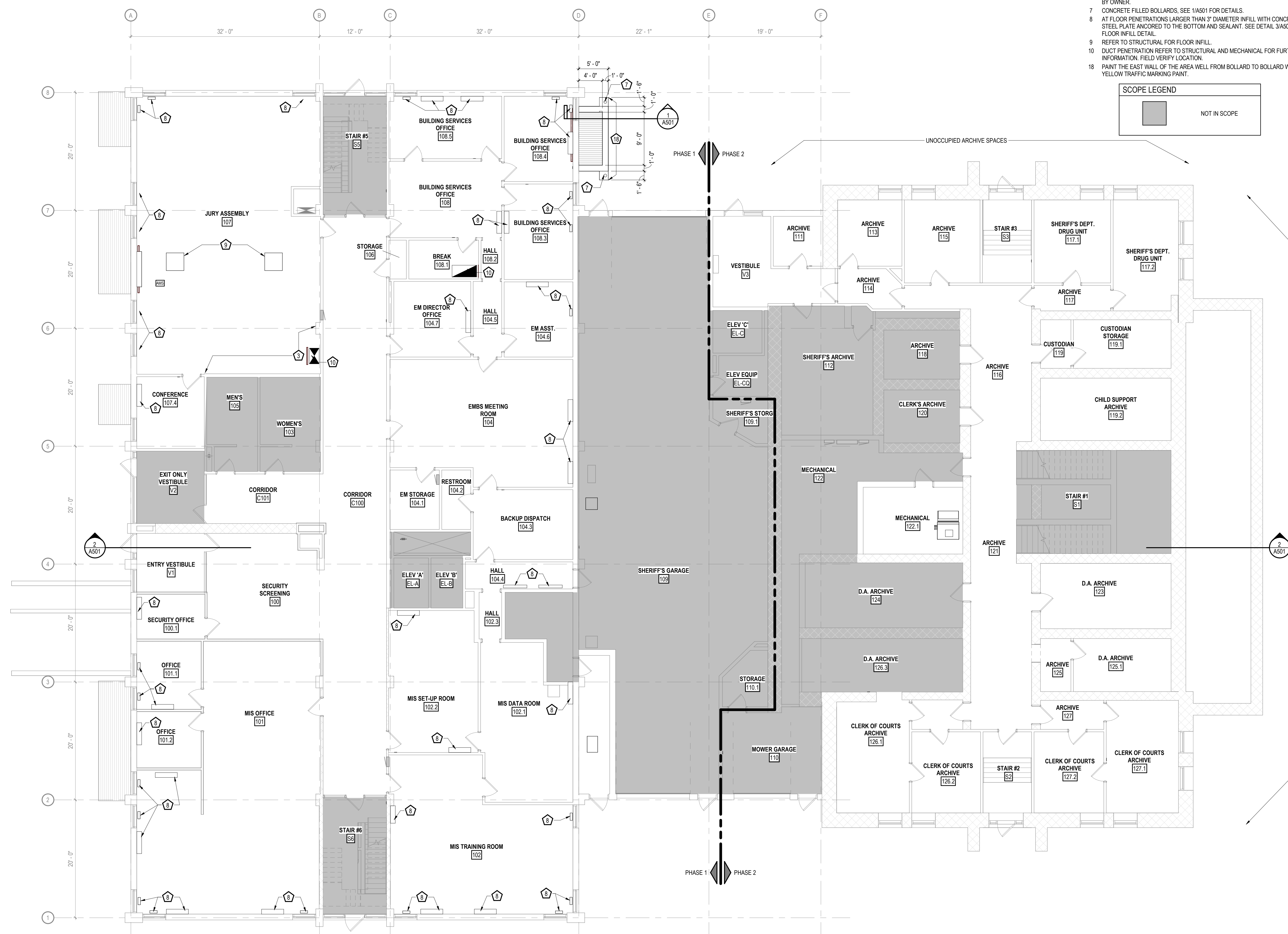
SAUK COUNTY COURTHOUSE HVAC AND LIGHTING UPGRADES

515 OAK ST.
BARABOO, WI 53913

SHEET NAME

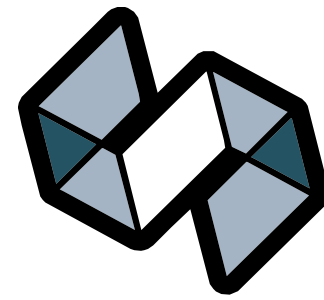
FIRST FLOOR PLAN
(PHASES 1 & 2)

SHEET NO.



SCALE: 1/8" = 1'-0"

A201



STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

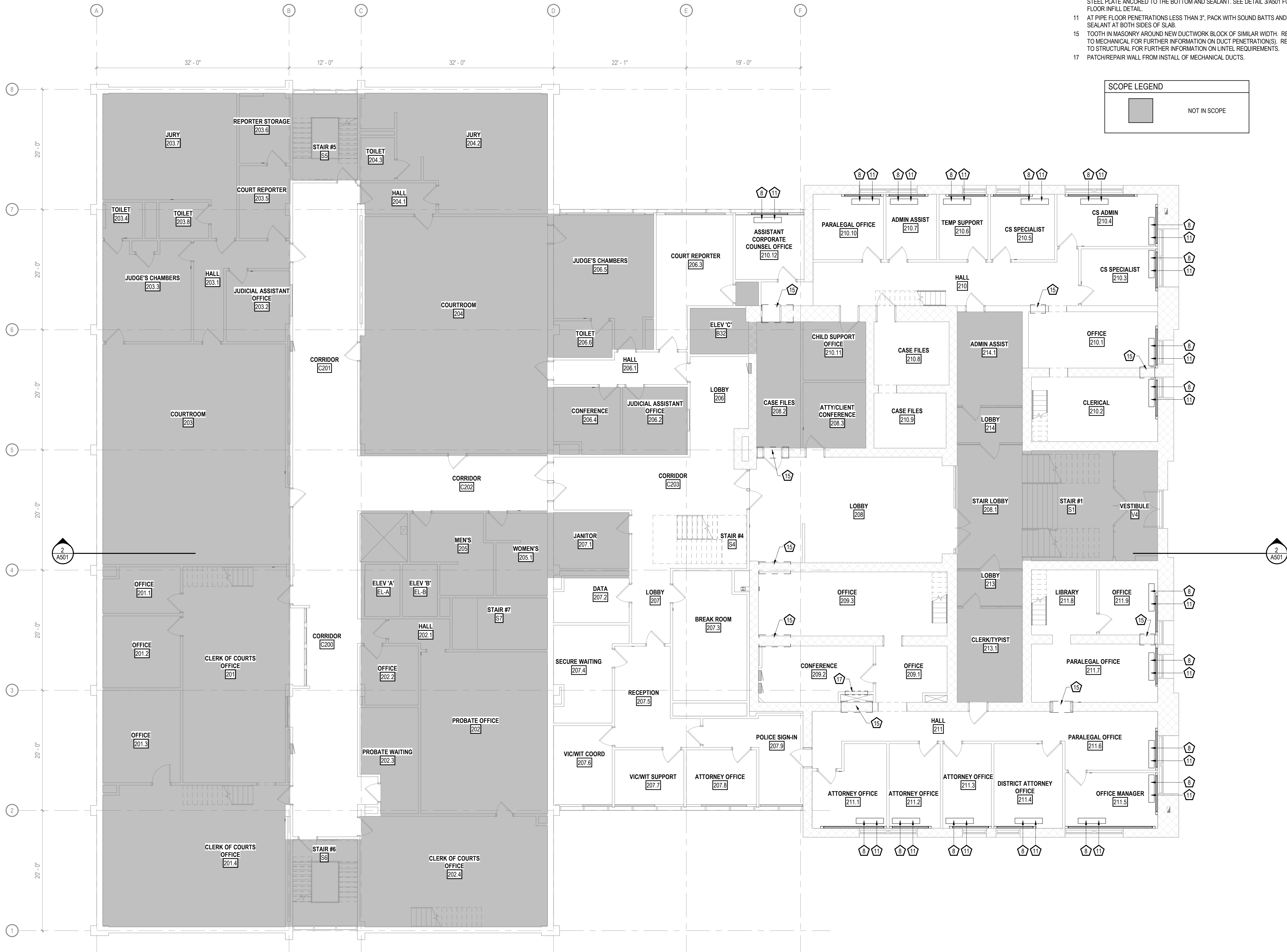
GENERAL FLOOR PLAN NOTES

- ALL DRAWINGS ARE OF EQUAL IMPORTANCE IN DEFINING THE WORK OF THE CONTRACT DOCUMENTS. REVIEW ALL DRAWINGS DURING THE BIDDING PERIOD AND BEFORE INSTALLATION OF WORK. PROMPTLY REPORT INCONSISTENCIES IN THE DRAWINGS TO THE ARCHITECT FOR CLARIFICATION.
- DO NOT SCALE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE - USE GIVEN DIMENSIONS. VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO THE START OF CONSTRUCTION. ANY INCONSISTENCIES DISCOVERED BY THE CONTRACTOR SHALL BE REPORTED PROMPTLY TO THE ARCHITECT FOR CLARIFICATION BEFORE COMMENCING THE WORK. DIMENSIONS ARE GIVEN FROM FACE TO FACE OF WALLS. SEE WALL SECTIONS AND PARTITION TYPES FOR DETAILS.
- WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED FROM DOCUMENTS, CONSULT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
- PATCH, PREPARE, AND / OR RESTORE WORK SCHEDULED TO REMAIN THAT IS DAMAGED AS A RESULT OF DEMOLITION WORK. RESTORATION AND PATCHING WORK SHALL BE DONE IN A MANNER THAT MATCHES ADJACENT MATERIALS AND FINISHES. FIRE RATED WALLS TO BE RESTORED TO MAINTAIN REQUIRED FIRE RATINGS.
- PROTECT WORK IN PLACE DURING CONSTRUCTION.
- COORDINATE THE AVAILABILITY OF AREAS REQUIRING WORK WITH THE OWNER.
- REFER TO MECHANICAL, ELECTRICAL, AND STRUCTURAL DRAWINGS FOR ADDITIONAL WORK AND MODIFICATIONS REQUIRED FOR HVAC, ELECTRICAL, AND STRUCTURAL SYSTEMS.
- AT ALL NEW DUCT PENETRATIONS IN EXISTING STUD WALLS, FRAME OPENING AND REFINISH WALL TIGHT TO DUCT. SEAL DUCT TO WALL(S).
- AT ALL NEW PIPING PENETRATIONS IN EXISTING STUD WALLS, SEAL PIPING TO WALL(S).

SPECIFIC FLOOR PLAN NOTES

- AT FLOOR PENETRATIONS LARGER THAN 3" DIAMETER INFILL WITH CONCRETE, STEEL PLATE ANCHORED TO THE BOTTOM AND SEALANT. SEE DETAIL 34501 FOR FLOOR INFILL DETAIL.
- AT PIPE FLOOR PENETRATIONS LESS THAN 3", PACK WITH SOUND BATTS AND SEALANT AT BOTH SIDES OF SLAB.
- TOOTH IN MASONRY AROUND NEW DUCTWORK BLOCK OF SIMILAR WIDTH. REFER TO MECHANICAL FOR FURTHER INFORMATION ON DUCT PENETRATION(S). REFER TO STRUCTURAL FOR FURTHER INFORMATION ON LINTEL REQUIREMENTS.
- PATCH/REPAIR WALL FROM INSTALL OF MECHANICAL DUCTS.

SCOPE LEGEND	
	NOT IN SCOPE



CONSTRUCTION
DOCUMENTS

ISSUED FOR
CONSTRUCTION

REVISIONS

No.	DESCRIPTION	DATE
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KEYPLAN (NOT TO SCALE)

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DRAWING SET CD

DATE 08/31/2026

PROJECT NO. 2025012

PROJECT TITLE

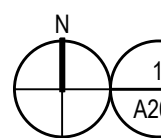
SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 OAK ST.
BARABOO, WI 53913

SHEET NAME

SECOND FLOOR PLAN
(PHASE 2)

SHEET NO.



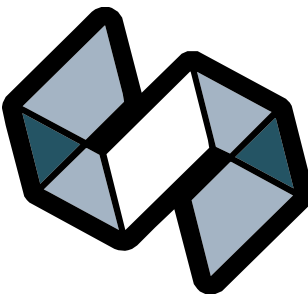
SECOND FLOOR PLAN

SCALE: 1/8" = 1'-0"

A202

GENERAL ROOF PLAN NOTES

- REFER TO OTHER DRAWINGS IN PLAN SET FOR ADDITIONAL INFORMATION AND COORDINATION.
 - VERIFY EXISTING CONDITIONS AT THE START OF ROOFING WORK TO CONFIRM DESIGN INTENT SHOWN ON PLANS.
 - NOTIFY ARCHITECT OF ANY FIELD DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION SHOWN ON PLAN.
 - PROVIDE TAPERED INSULATION CRICKETS AT EQUIPMENT CURBS FOR POSITIVE DRAINAGE TO ROOF DRAINS AND SCUPPERS.
 - REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS OF ROOF PENETRATIONS.
 - COMPLETE ROOFING WORK PER ROOFING MANUFACTURER'S STANDARD DETAILS TO MAINTAIN ROOFING MANUFACTURER'S WARRANTY.
 - ANY ROOF MODIFICATIONS/PATCHING TO BE IN ACCORDANCE WITH LONG LIFE INC. FIRESTONE ROOFING SYSTEM WARRANTY REQUIREMENTS AND MATCHING EXISTING ROOFING SYSTEM.
- FIRESTONE MAY BE CONTACTED AT:
200 4th Avenue South, Nashville, TN 37201
1-800-428-4442
www.firestoneroofing.com



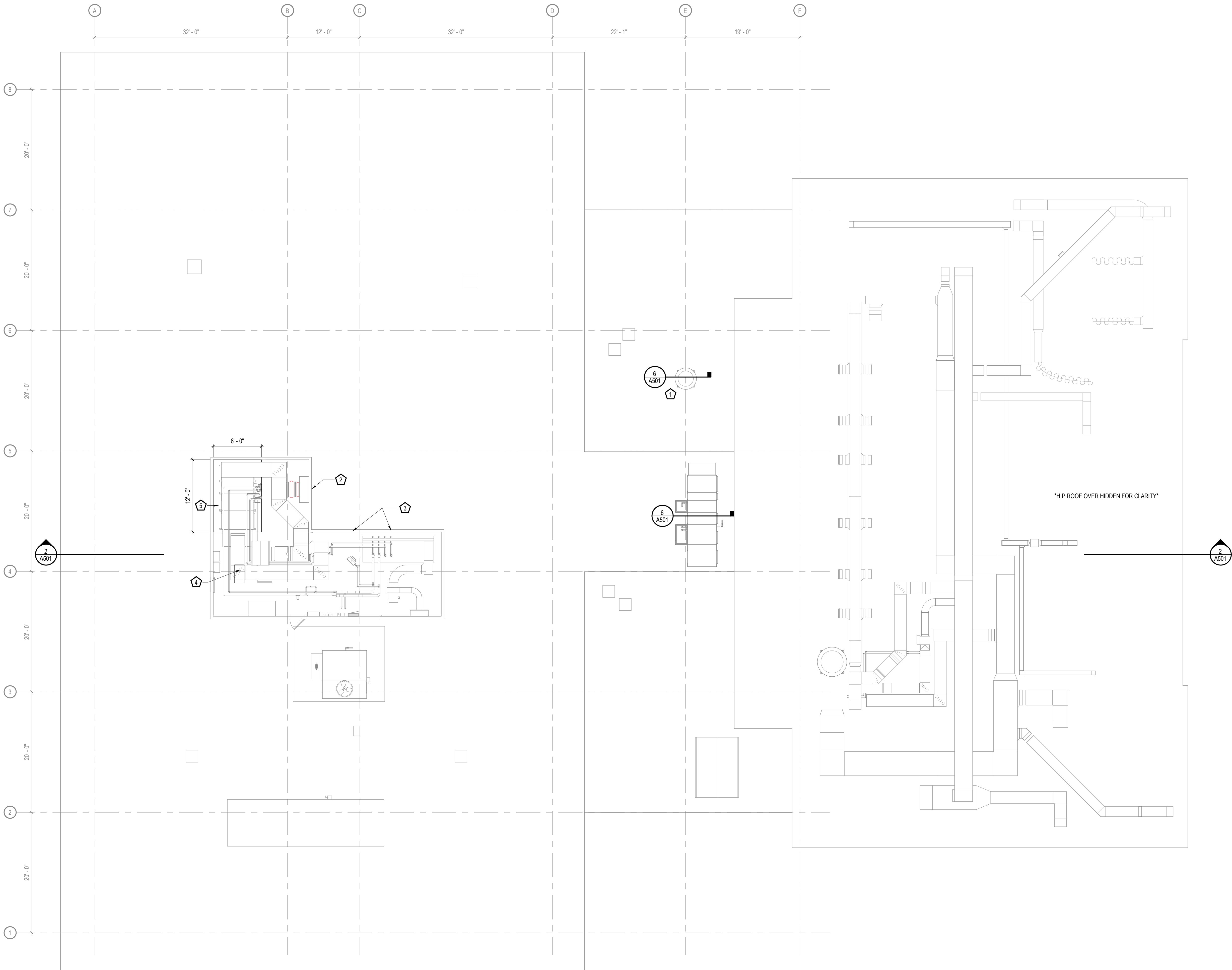
STRANG

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ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

SPECIFIC ROOF PLAN NOTES

- PATCH EXISTING ROOF: 60 MIL FIRESTONE FULLY ADHERED ROOF ON RIGID INSULATION. REFER TO STRUCTURAL FOR FURTHER DIRECTION ON INFILLING THE ROOF FRAMING.
- VIAL MAY REQUIRE TEMPORARY REMOVAL AND REINSTALLATION FOR MECHANICAL INSTALL.
- PATCH PENTHOUSE METAL WALL PANEL AS REQUIRED. REFER TO MECHANICAL FOR FURTHER INFORMATION.
- REFER TO STRUCTURAL FOR FLOOR INFILL SCOPE.
- 4" HIGH HOUSEKEEPING PAD. DIMENSIONS ON PLAN ARE APPROXIMATE. COORDINATE FINAL SIZE AND LOCATION WITH APPROVED EQUIPMENT AND INSTALLING CONTRACTORS.



CONSTRUCTION
DOCUMENTS

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CONSTRUCTION

REVISIONS

No.	DESCRIPTION	DATE
-----	-------------	------

KEYPLAN (NOT TO SCALE)

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DRAWING SET	CD
DATE	08/31/2026
PROJECT NO.	2025012

PROJECT TITLE

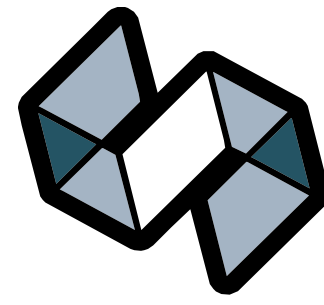
SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 OAK ST.
BARABOO, WI 53913

SHEET NAME

ROOF PLAN (PHASE 3)

SHEET NO.



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GENERAL CEILING PLAN NOTES

- MECHANICAL AND ELECTRICAL FIXTURES SHOWN FOR COORDINATION ONLY. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- INSTALL NEW ACP CEILING SYSTEMS AT EXISTING CEILING HEIGHTS.
- ANY CEILINGS REQUIRING PAINT TOUCH UP OR PATCH: PT-1 SHERWIN WILLIAMS WHITE SHADOW FLAT SHEEN.

SPECIFIC REFLECTED CEILING PLAN NOTES

- REINSTALL TEMPORARILY REMOVED PORTION(S) OF EXISTING ACP.
- NEW ACP CEILING SYSTEM: 2x2 CERTAINTED CASHMERE 15/16" REVEAL EDGE (REGULAR) TILE, WHITE. 15/16" EXPOSED TEE SUSPENSION SYSTEM, WHITE.
- NEW ACP CEILING SYSTEM: 2x2 CERTAINTED KNOXID 15/16" REVEAL EDGE (REGULAR) TILE, WHITE. 15/16" EXPOSED TEE SUSPENSION SYSTEM, WHITE.

CEILING PLAN MATERIAL LEGEND

	GYPSUM BOARD CEILING		2x2 SQUARE RECESSED DOWNLIGHT. HALF SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING. MEDIAL LINES INDICATE ORIENTATION.		2x2 SQUARE RECESSED DOWNLIGHT. HALF SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING. MEDIAL LINES INDICATE ORIENTATION.
	2' x 2' ACOUSTICAL CEILING PANELS		4' INDUSTRIAL LUMINAIRE. FILLED CIRCLE INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		LINEAR PENDANT OR RECESSED LIGHT
	2' x 4' ACOUSTICAL CEILING PANELS		ROUND RECESSED DOWNLIGHT. SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		SUPPLY AIR DIFFUSER
	EXIT LIGHT		SQUARE RECESSED DOWNLIGHT. SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		RETURN AIR GRILLE
					EXHAUST GRILLE
					LINEAR DIFFUSER

SCOPE LEGEND

	NOT IN SCOPE
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PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

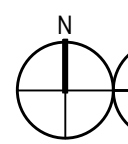
515 OAK ST.
BARABOO, WI 53913

SHEET NAME

BASEMENT
REFLECTED CEILING
PLAN (PHASE 1)

SHEET NO.

A300



BASEMENT REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"



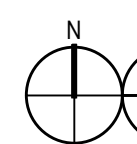
MADISON, WI | WAUKESHA, WI

1 MECHANICAL AND ELECTRICAL FIXTURES SHOWN FOR COORDINATION ONLY. REFER
TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

2 INSTALL NEW ACP CEILING SYSTEMS AT EXISTING CEILING HEIGHTS.

3 ANY CEILINGS REQUIRING PAINT TOUCH UP OR PATCH, PT-1 SHERWIN WILLIAMS WHITE
SHADOW FLAT SHEEN.

3 NEW ACP CEILING SYSTEM: 2x2 CERTAINTED CASHMERE 15/16" REVEAL EDGE (REGULAR) TILE, WHITE. 15/16" EXPOSED TEE SUSPENSION SYSTEM, WHITE



SCALE: 1/8" = 1'-0"

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No.	DESCRIPTION

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DRAWING SET	CD
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DATE	03/07/2020
PROJECT NO	2025012

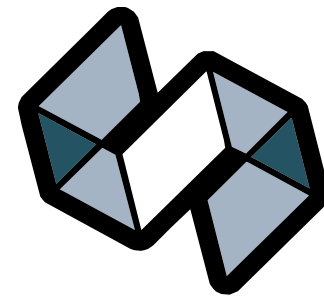
PROJECT TITLE
 FLOOD DAMAGE MITIGATION

SAUK COUNTY COURTHOUSE HVAC AND LIGHTING UPGRADES

FIRST FLOOR
REFLECTED CEILING
PLAN (PHASES 1 & 2)

SHEET NO.

A301



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GENERAL CEILING PLAN NOTES

- MECHANICAL AND ELECTRICAL FIXTURES SHOWN FOR COORDINATION ONLY. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- INSTALL NEW ACP CEILING SYSTEMS AT EXISTING CEILING HEIGHTS.
- ANY CEILINGS REQUIRING PAINT TOUCH UP OR PATCH: PT-1 SHERWIN WILLIAMS WHITE SHADOW FLAT SHEEN.

SPECIFIC REFLECTED CEILING PLAN NOTES

- PATCH/REPAIR WALL FROM INSTALL OF MECHANICAL DUCTS.
- REINSTALL TEMPORARILY REMOVED PORTION(S) OF EXISTING ACP.
- NEW ACP CEILING SYSTEM: 2x2 CERTAINTED CASHMERE 15/16" REVEAL EDGE (REGULAR) TILE, WHITE. 15/16" EXPOSED TEE SUSPENSION SYSTEM, WHITE.
- EXISTING GYPSUM BOARD CEILING, PAINT, SHERWIN WILLIAMS WHITE SHADOW FLAT SHEEN.

SCOPE LEGEND

NOT IN SCOPE

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DATE 08/31/2026

PROJECT NO. 2025012

PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 OAK ST.
BARABOO, WI 53913

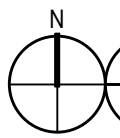
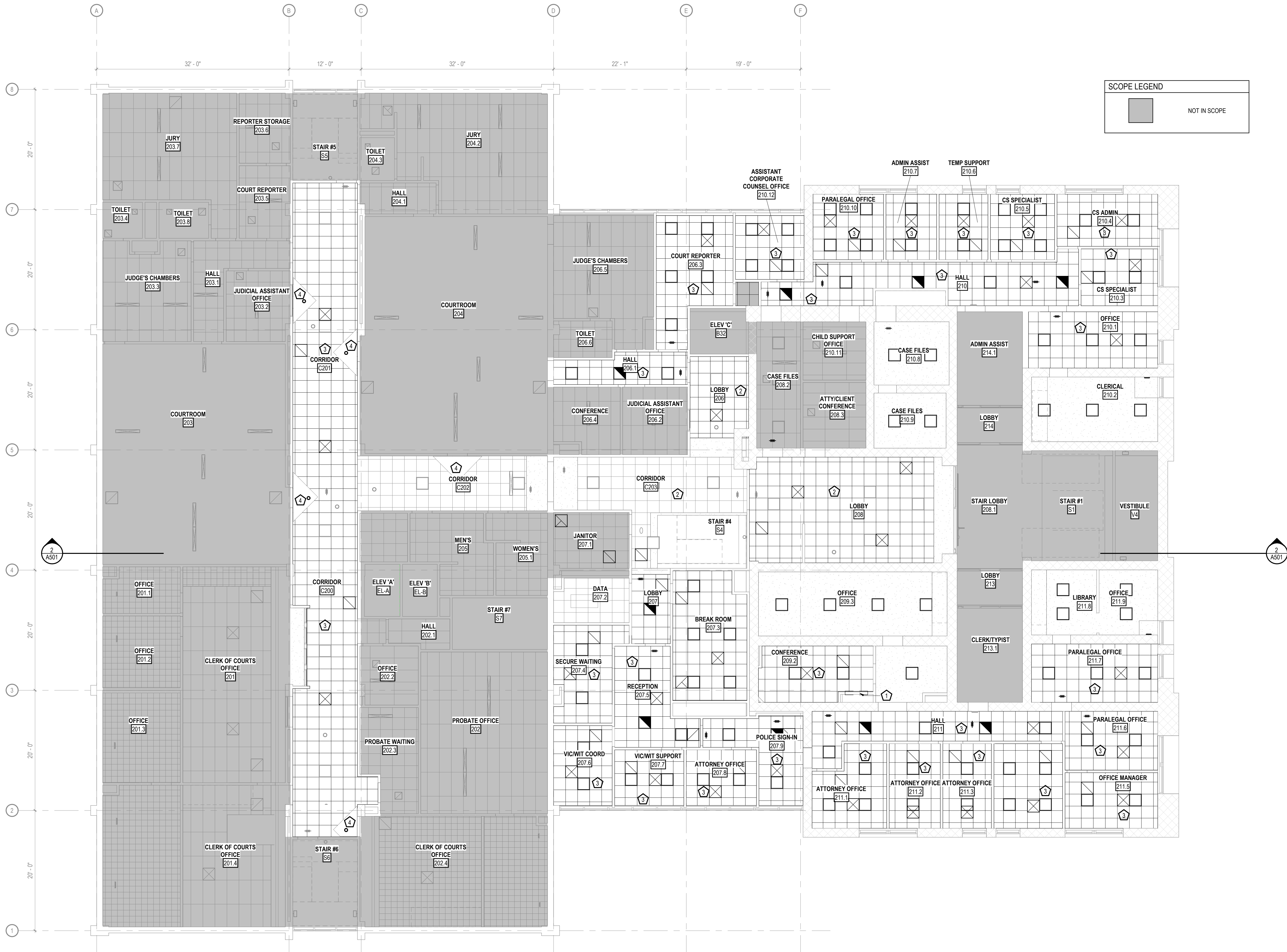
SHEET NAME

SECOND FLOOR
REFLECTED CEILING
PLAN (PHASE 2)

SHEET NO.

CEILING PLAN MATERIAL LEGEND

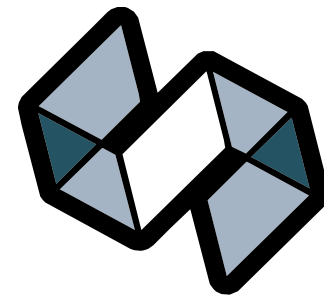
	GYPSUM BOARD CEILING		2x2 SQUARE RECESSED DOWNLIGHT. HALF SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING. MEDIAL LINES INDICATE ORIENTATION.		2x2 SQUARE RECESSED DOWNLIGHT. HALF SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING. MEDIAL LINES INDICATE ORIENTATION.
	2' x 2' ACOUSTICAL CEILING PANELS		4' INDUSTRIAL LUMINAIRE. FILLED CIRCLE INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		LINEAR PENDANT OR RECESSED LIGHT
	2' x 4' ACOUSTICAL CEILING PANELS		ROUND RECESSED DOWNLIGHT. SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		SUPPLY AIR DIFFUSER
	EXIT LIGHT		SQUARE RECESSED DOWNLIGHT. SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		RETURN AIR GRILLE
					EXHAUST GRILLE
					LINEAR DIFFUSER



SECOND FLOOR REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"

A302



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GENERAL CEILING PLAN NOTES

- MECHANICAL AND ELECTRICAL FIXTURES SHOWN FOR COORDINATION ONLY. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- INSTALL NEW ACP CEILING SYSTEMS AT EXISTING CEILING HEIGHTS.
- ANY CEILINGS REQUIRING PAINT TOUCH UP OR PATCH: PT-1 SHERWIN WILLIAMS WHITE SHADOW FLAT SHEEN.

SPECIFIC REFLECTED CEILING PLAN NOTES

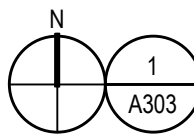
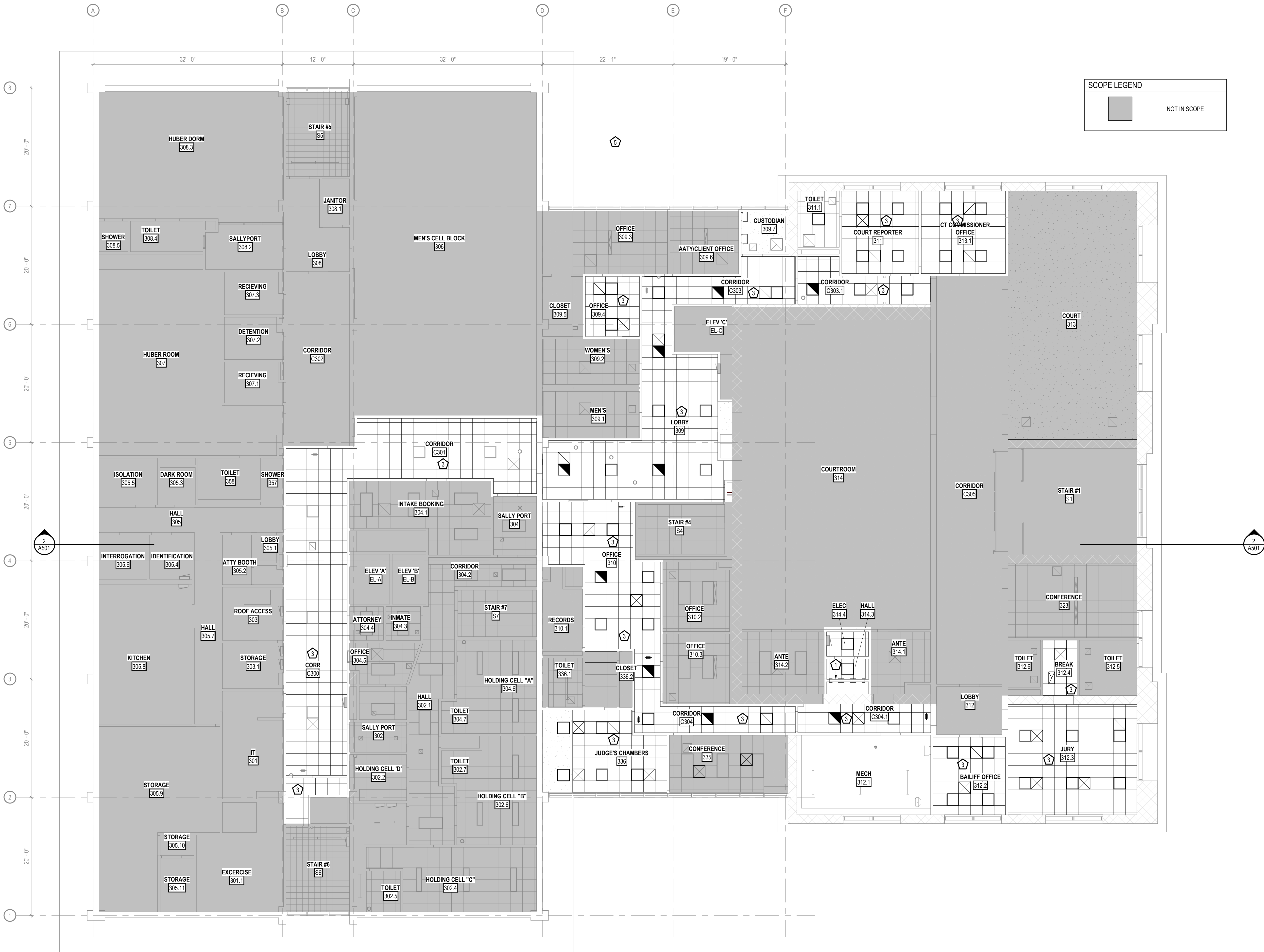
- PATCH/REPAIR WALL FROM INSTALL OF MECHANICAL DUCTS.
- NEW ACP CEILING SYSTEM: 2x2 CERTAINTED CASHMERE 15/16" REVEAL EDGE (REGULAR) TILE, WHITE. 15/16" EXPOSED TEE SUSPENSION SYSTEM, WHITE.
- NEW ACP CEILING SYSTEM: 2x2 CERTAINTED ADAGIO 15/16" REVEAL EDGE (REGULAR) TILE, WHITE. 15/16" EXPOSED TEE SUSPENSION SYSTEM, WHITE.

CEILING PLAN MATERIAL LEGEND

	GYPSUM BOARD CEILING		2x2 SQUARE RECESSED DOWNLIGHT. HALF SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING. MEDIAL LINES INDICATE ORIENTATION.		2x2 SQUARE RECESSED DOWNLIGHT. HALF SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING. MEDIAL LINES INDICATE ORIENTATION.
	2' x 2' ACOUSTICAL CEILING PANELS		4' INDUSTRIAL LUMINAIRE. FILLED CIRCLE INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		LINEAR PENDANT OR RECESSED LIGHT
	2' x 4' ACOUSTICAL CEILING PANELS		ROUND RECESSED DOWNLIGHT. SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		SUPPLY AIR DIFFUSER
	EXIT LIGHT		SQUARE RECESSED DOWNLIGHT. SHADING INDICATES LUMINAIRE ON EMERGENCY LIGHTING.		RETURN AIR GRILLE
					EXHAUST GRILLE
					LINEAR DIFFUSER

SCOPE LEGEND

NOT IN SCOPE



THIRD FLOOR REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"

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PROJECT NO. 2025012

PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

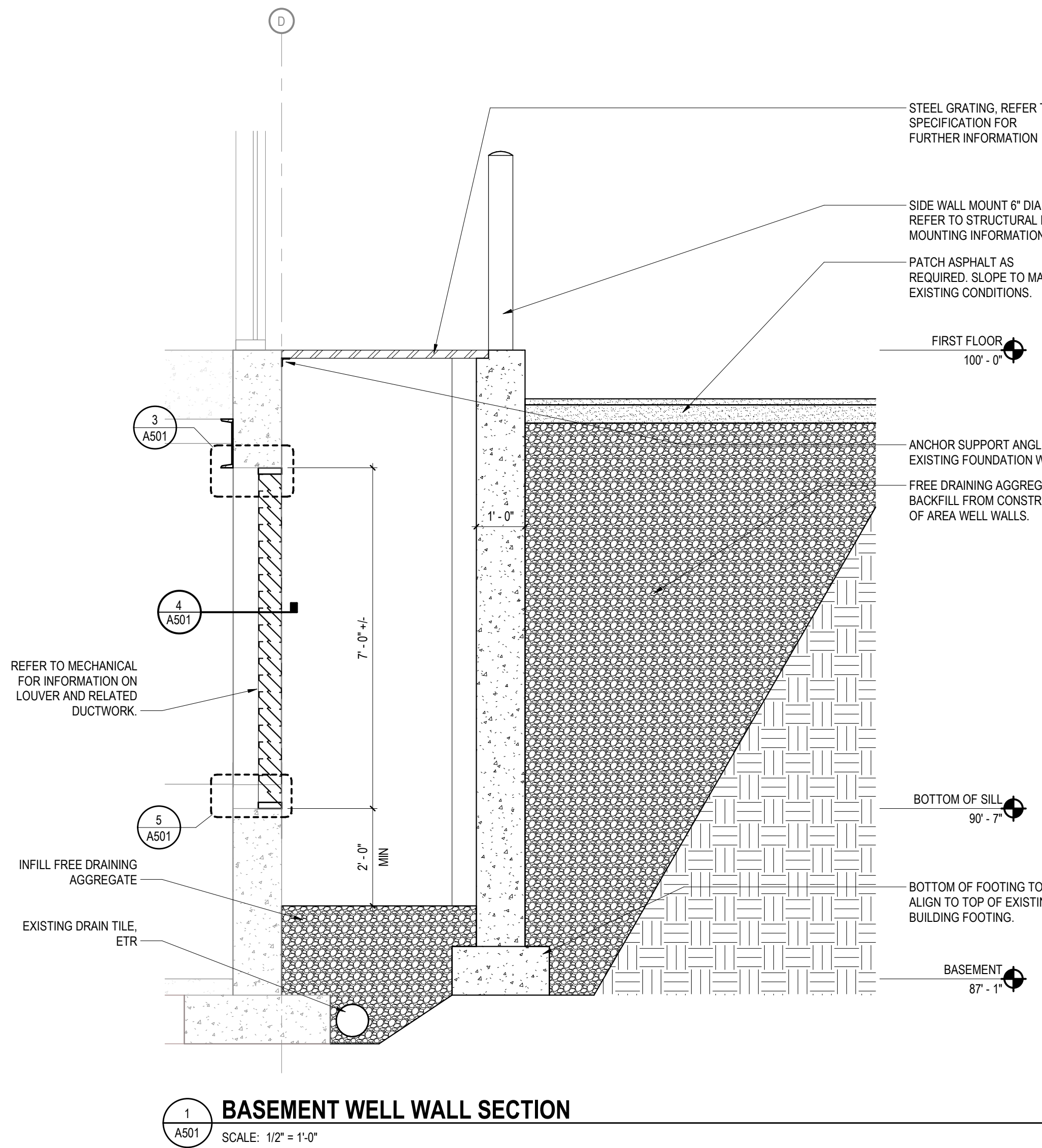
515 OAK ST.
BARABOO, WI 53913

SHEET NAME

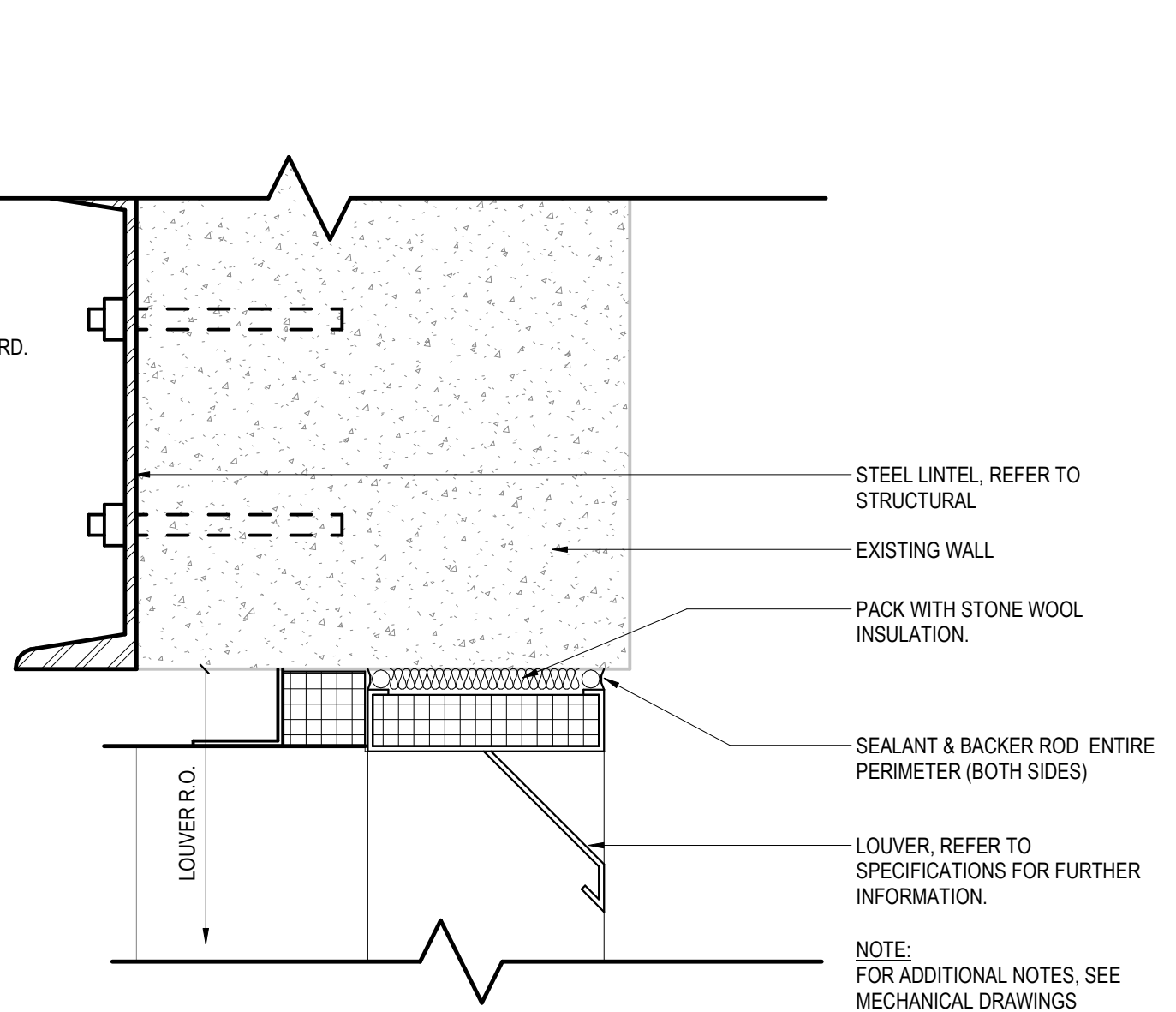
THIRD FLOOR
REFLECTED CEILING
PLAN (PHASE 3)

SHEET NO.

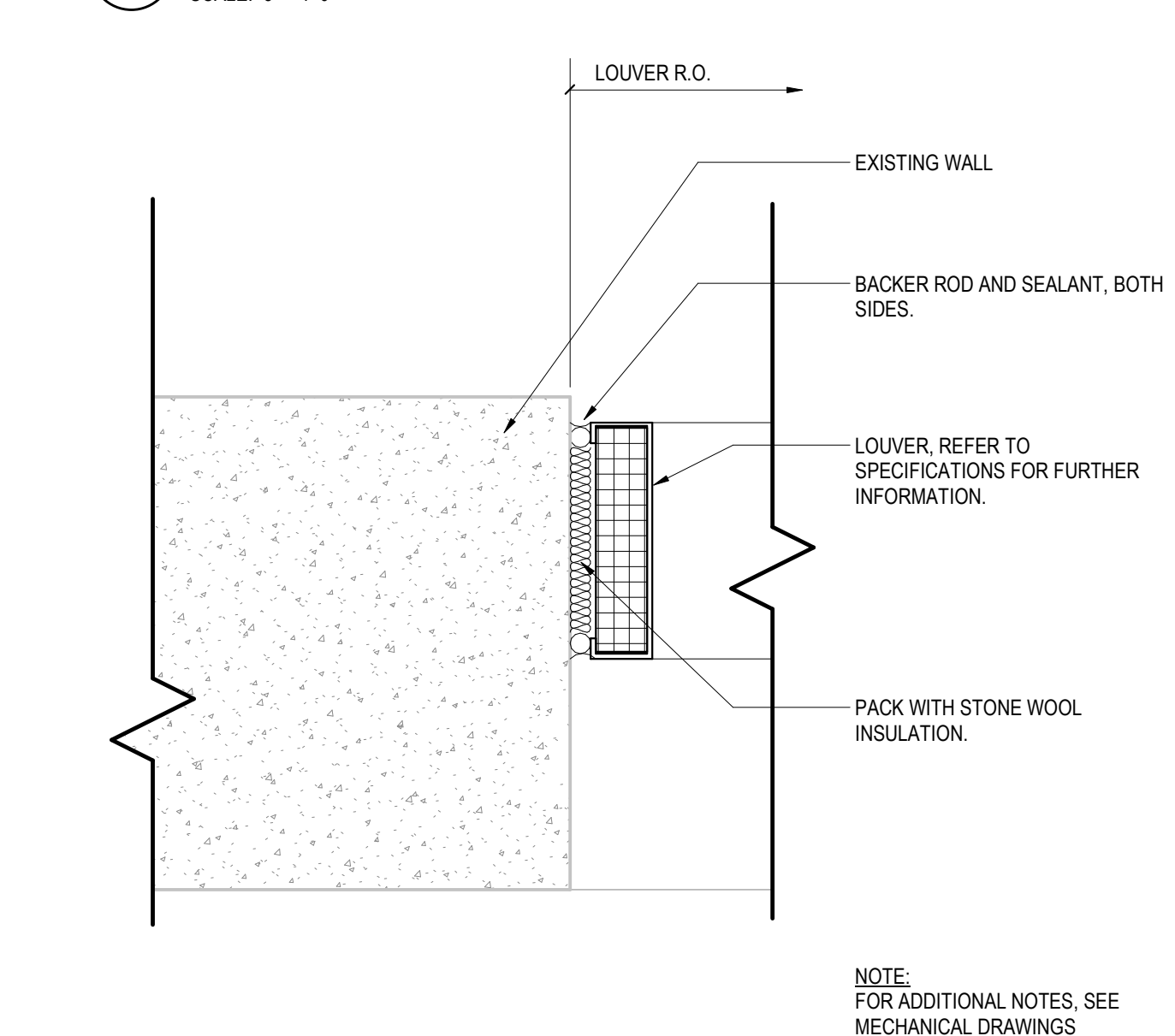
A303



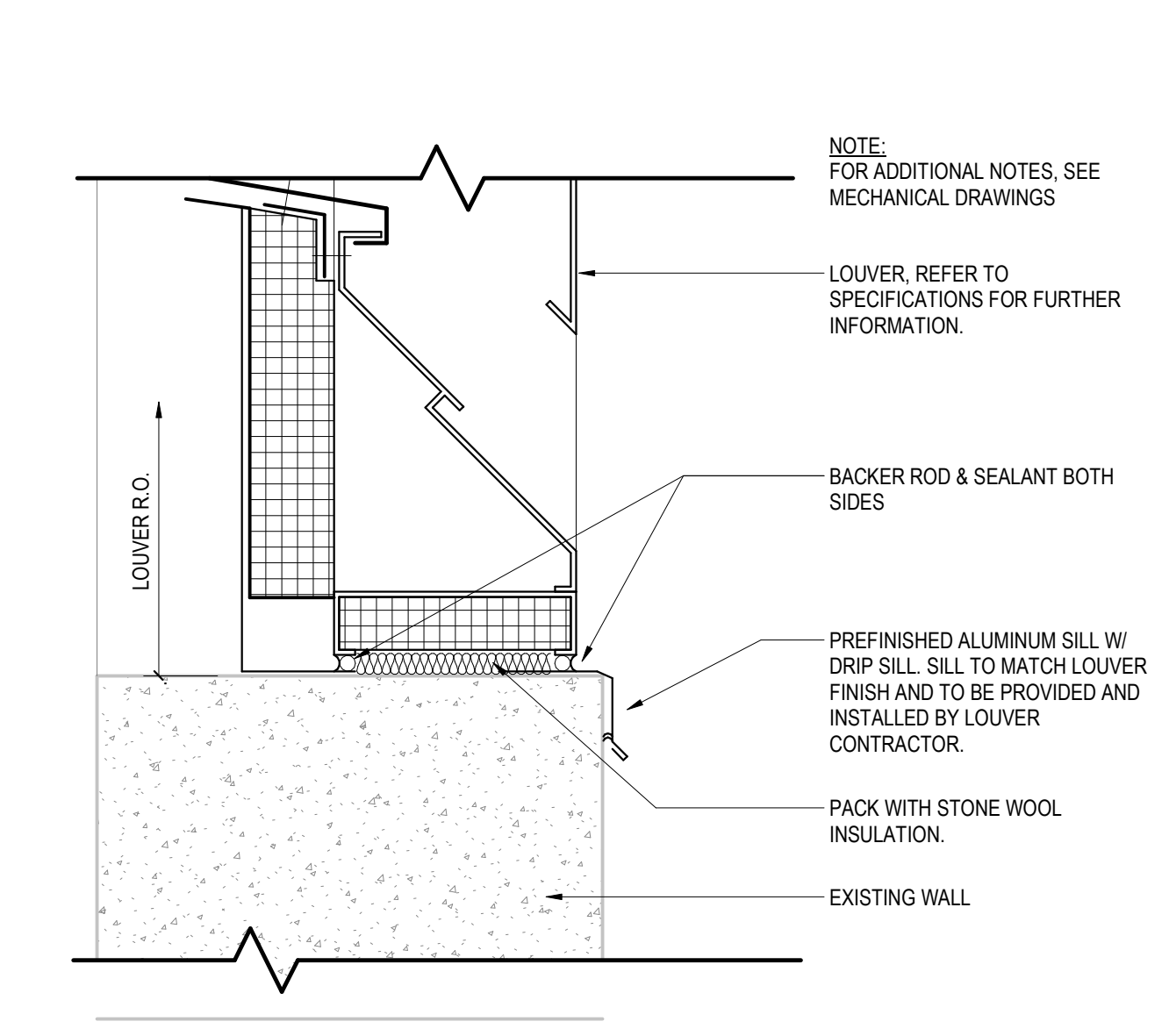
1 BASEMENT WELL WALL SECTION
SCALE: 1/2" = 1'-0"



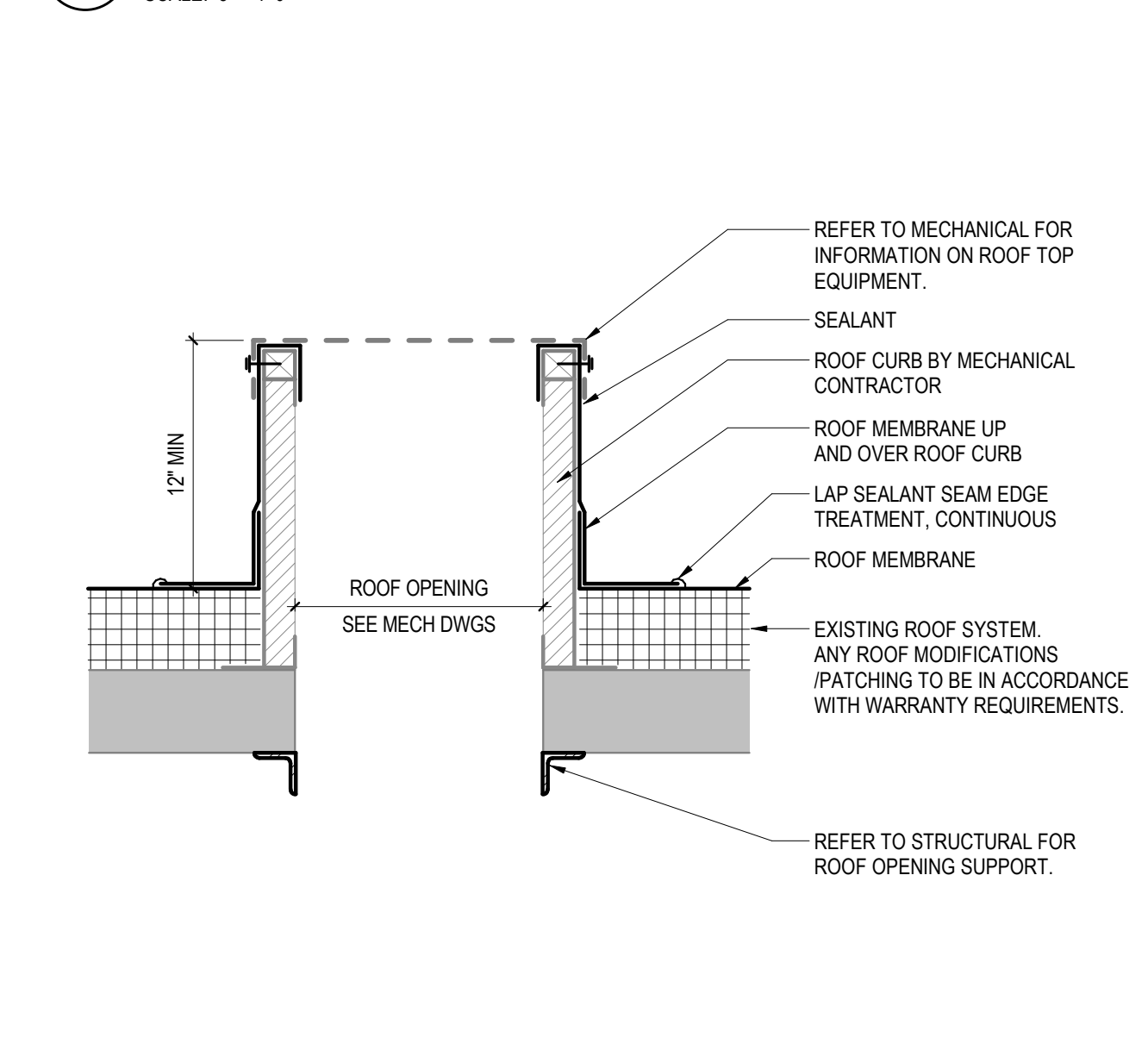
3 LOUVER HEAD AT FOUNDATION WALL
SCALE: 3" = 1'-0"



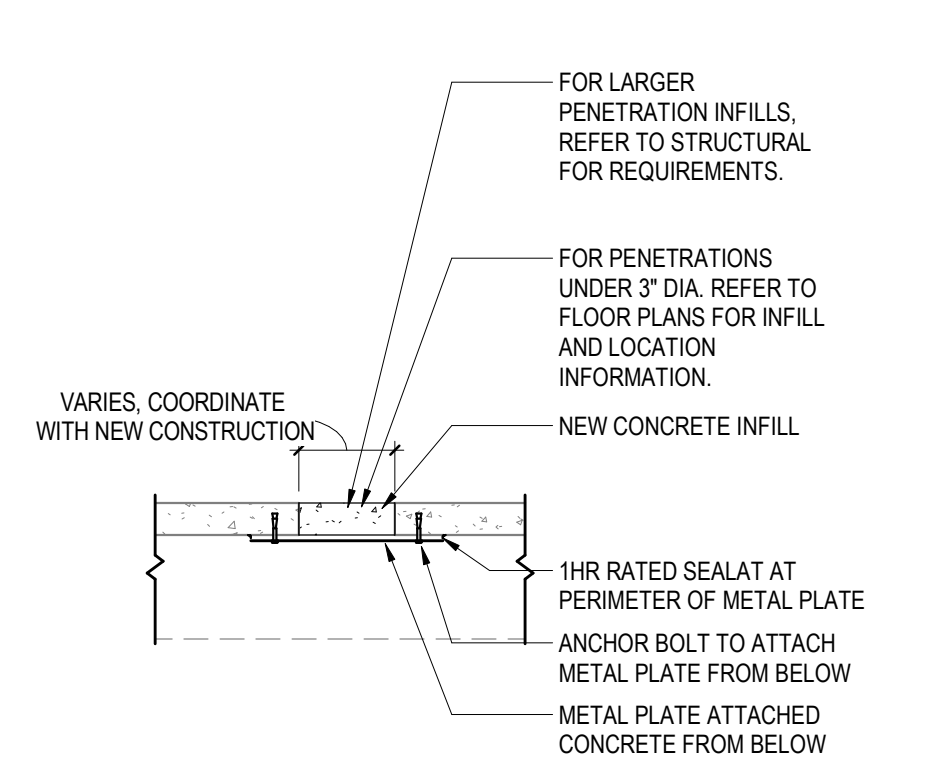
4 LOUVER JAMB AT FOUNDATION WALL
SCALE: 3" = 1'-0"



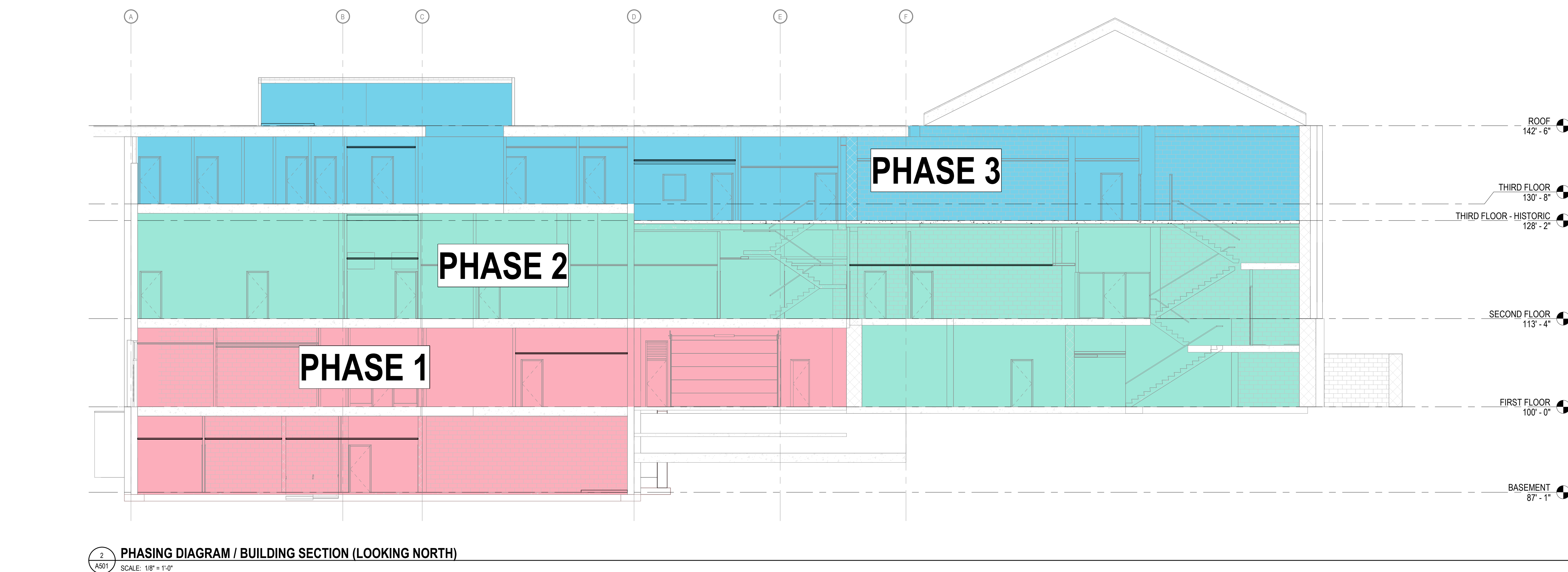
5 LOUVER SILL AT FOUNDATION WALL
SCALE: 3" = 1'-0"



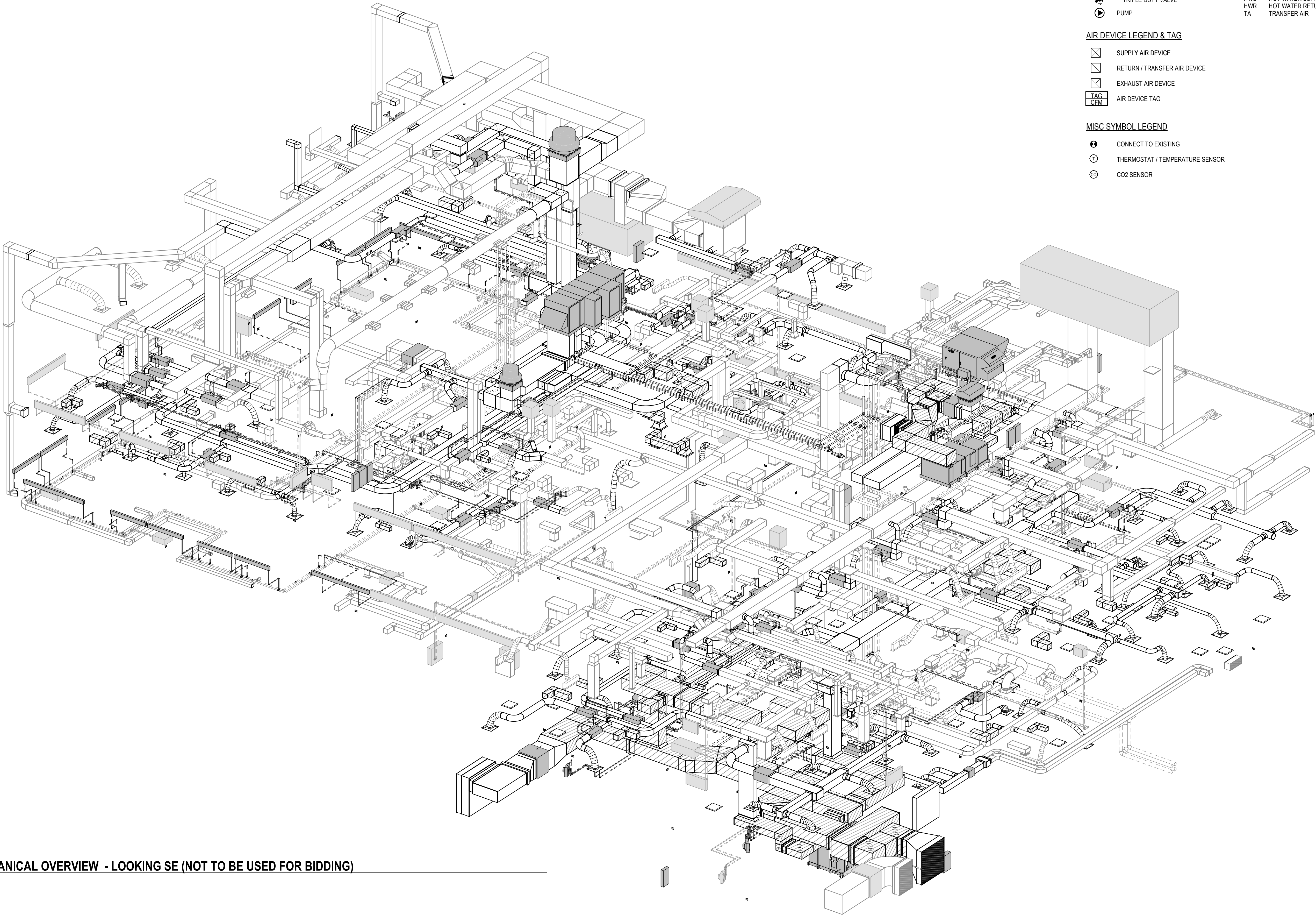
6 ROOF CURB ASSEMBLY
SCALE: 1 1/2" = 1'-0"



7 FLOOR OPENING INFILL
SCALE: 1/2" = 1'-0"



2 PHASING DIAGRAM / BUILDING SECTION (LOOKING NORTH)
SCALE: 1/8" = 1'-0"



1
M001
MECHANICAL OVERVIEW - LOOKING SE (NOT TO BE USED FOR BIDDING)
SCALE: NTS

MECHANICAL SYMBOLS AND ABBREVIATIONS

MECHANICAL SYMBOL LEGEND

	SA OR OA DUCT RISER
	SA OR OA DUCT DROP
	RA OR TA DUCT RISER
	RA OR TA DUCT DROP
	EA DUCT RISER
	EA DUCT DROP
	TURNING VANES
	1\"/>
	AUTOMATIC CONTROL DAMPER
	VOLUME DAMPER
	VAV TERMINAL UNIT

PIPING SYMBOL LEGEND

	PIPING TOP TAKE-OFF
	PIPING BOTTOM TAKE-OFF
	CAPPED PIPE
	AUTOMATIC CONTROL VALVE
	GATE VALVE
	BUTTERFLY VALVE
	BALL VALVE
	BALANCE SHUT-OFF VALVE
	CHECK VALVE
	TRIPLE DUTY VALVE
	PUMP

AIR DEVICE LEGEND & TAG

	SUPPLY AIR DEVICE
	RETURN / TRANSFER AIR DEVICE
	EXHAUST AIR DEVICE
	AIR DEVICE TAG

MISC SYMBOL LEGEND

	CONNECT TO EXISTING
	THERMOSTAT / TEMPERATURE SENSOR
	CO2 SENSOR

GENERAL ABBREVIATIONS

ACD	AUTOMATIC CONTROL DAMPER
ACV	AUTOMATIC CONTROL VALVE
AFT	ABOVE FINISH FLOOR
AMS	AIR MEASURING STATION
BAS	BUILDING AUTOMATION SYSTEM
BPV	BUTTERFLY VALVE
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BV	BALL VALVE
CBV	CALIBRATED BALANCING VALVE
CV	CHECK VALVE
DN	DOWN
EXH	EXHAUST
GV	GATE VALVE
HC	HEATING COIL
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
OED	OPEN ENDED DUCT
TCC	TEMPERATURE CONTROL CONTRACTOR
TDV	TRIPLE DUTY VALVE
TOD	TOP OF DUCT
TYP	TYPICAL
UC	UNDERCUT
VD	VOLUME DAMPER

AIR DEVICE TAG ABBREVIATIONS

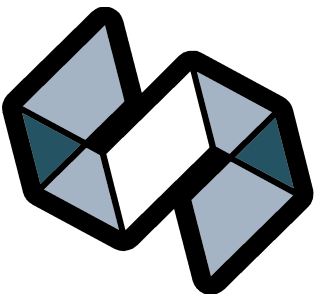
SD	SUPPLY DIFFUSER
SG	SUPPLY GRILLE
EG	EXHAUST GRILLE
RG	RETURN GRILLE
TG	TRANSFER GRILLE

SYSTEMS ABBREVIATIONS

COND	CONDENSATE DRAIN
CHS	CHILLED HOT WATER SUPPLY
CHR	CHILLED HOT WATER RETURN
CWS	CHILLED WATER SUPPLY
CWR	CHILLED WATER RETURN
EA	EXHAUST AIR
OA	OUTSIDE AIR
RA	RETURN AIR
SA	SUPPLY AIR
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
TA	TRANSFER AIR

GENERAL MECHANICAL NOTES

- 1 PROVIDE VOLUME DAMPERS AT EACH BRANCH TAKE-OFF IN ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK. LOCATE VOLUME DAMPERS AS CLOSE TO THE BRANCH TAKE-OFF AS POSSIBLE.
- 2 DUCT SIZE TO DIFFUSERS, REGISTERS AND GRILLES SHALL BE SAME SIZE AS NECK SIZE UNLESS OTHERWISE NOTED.
- 3 INLET DUCT SIZE TO SUPPLY AIR TERMINAL SHALL BE SAME AS INLET UNLESS OTHERWISE NOTED.
- 4 COORDINATE DIFFUSER, REGISTER, GRILLE AND ACCESS PANEL LOCATIONS WITH REFLECTED CEILING PLAN.
- 5 PROVIDE FLEXIBLE DUCTWORK FOR FINAL CONNECTIONS TO SUPPLY DIFFUSER AND GRILLES UNLESS OTHERWISE NOTED IN SPECIFICATIONS. FLEXIBLE DUCT SIZE SHALL BE SAME AS NECK SIZE OF DIFFUSER OR GRILLE. REFER TO SPECIFICATIONS FOR FLEXIBLE DUCT REQUIREMENTS. FLEXIBLE DUCTS ARE NOT ALLOWED ABOVE NON-ACCESSIBLE CEILINGS.
- 6 FLOOR PLANS INCLUDE PIPE ROUTING AND MAJOR VALVING. REFER TO FLOW DIAGRAMS, DETAILS, AND SPECIFICATIONS FOR ADDITIONAL VALVING AND PIPING SPECIALTIES.
- 7 INSTALL BRANCH HOT WATER PIPING WITH A MINIMUM OF THREE ELBOWS TO ALL TERMINAL HEATING DEVICES FOR EXPANSION AND CONTRACTION OF PIPING SYSTEM.
- 8 ALL CONTRACTORS SHALL FIELD VERIFY LAYOUT AND MANUFACTURERS INSTALLATION REQUIREMENTS FOR ACTUAL EQUIPMENT PROVIDED.
- 9 ALL CONTRACTORS SHALL COORDINATE LOCATIONS OF HVAC MAINS, BRANCHES, PIPING, ETC WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
- 10 ALL ELEVATIONS NOTED ARE RELATIVE TO FINISHED FLOOR ELEVATION.
- 11 NO PIPING OR DUCTS SHALL BE INSTALLED ABOVE ELECTRICAL EQUIPMENT, UNLESS OTHERWISE NOTED. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL EQUIPMENT LOCATIONS. COORDINATE WITH DIVISION 26 FOR EXACT LOCATIONS.
- 12 ALL WALL-MOUNTED GRILLES SHALL BE ALIGNED VERTICALLY AND HORIZONTALLY WHENEVER POSSIBLE.
- 13 AIR TERMINAL UNIT ACTUATOR AND CONTROLLER TO BE MOUNTED ON THE SAME SIDE AS REHEAT COIL PIPING. REHEAT COIL PIPING TO RUN ABOVE ACTUATOR AND CONTROLLER TO ALLOW ACCESS.
- 14 ECCENTRIC REDUCERS SHALL BE USED UNLESS NOTED OTHERWISE.
- 15 INSTALL ALL THERMOSTATS AND SENSORS AT THE SAME ELEVATION OF ELECTRICAL SWITCHES. COORDINATE EXACT LOCATIONS WITH ELECTRICAL ENGINEER AND ARCHITECT.
- 16 MAINTAIN ACCESS TO AIR TERMINAL BOX CONTROLLER AND REHEAT COIL PIPING CONNECTIONS. INSTALL AIR TERMINAL BOXES AT A HEIGHT THAT IS EASILY ACCESSED. DO NOT INSTALL THE TOP OF ANY AIR TERMINAL BOX HIGHER THAN 36" ABOVE THE FINISHED CEILING UNLESS NOTED OTHERWISE.
- 17 ALL CONTRACTORS SHALL COORDINATE FINAL LOCATION OF AIR TERMINAL UNIT, CASEWORK AND FURNITURE. ACCESS TO AIR TERMINAL UNITS SHALL BE IMMEDIATELY TO THE SIDE OF EACH UNIT AS INDICATED.
- 18 OPEN ENDED DUCT (OED) SHALL BE COVERED WITH WIRE MESH SCREEN.
- 19 PROVIDE FLEXIBLE DUCT CONNECTIONS AT ALL DUCTWORK CONNECTIONS TO AIR HANDLING UNITS, RETURN FANS AND EXHAUST FANS.
- 20 REFER TO STRUCTURAL PLANS FOR LOCATIONS OF PENETRATIONS THROUGH ROOF, WALLS, AND FLOORS.



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MADISON, WI | WAUKESHA, WI

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PROJECT NO.	2025012
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PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

SHEET NAME

MECHANICAL
SYMBOLS,
ABBREVIATIONS AND
GENERAL NOTES

SHEET NO.

M001

GENERAL MECHANICAL DEMOLITION NOTES

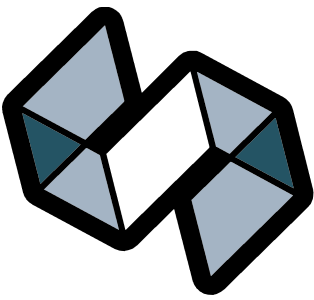
- 1
- BOLD TEXT AND LINEWORK INDICATES SCOPE OF DEMOLITION.

- 2
- DEMOLITION INCLUDES REMOVAL OF ALL CONTROL WIRING, VENTS, PIPING, HANGERS, SUPPORTS, AND ACCESSORIES ASSOCIATED WITH THE EQUIPMENT SHOWN TO BE REMOVED. CAP ABANDONED SERVICES BACK AT THE MAIN UNLESS NOTED OTHERWISE.

- 3
- COORDINATE PATCHING OF OPENINGS REMAINING IN ROOF, WALLS, AND FLOORS WITH THE GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.

SPECIFIC MECHANICAL DEMOLITION PLAN NOTES

- 101
- REMOVE EXISTING DUCTWORK AND HANGERS TO POINT INDICATED.
- 102
- REMOVE EXISTING PIPING AND HANGERS TO POINT INDICATED.
- 103
- REMOVE EXISTING AIR HANDLING UNIT, ASSOCIATED DUCTWORK, PIPING, CONTROLS, PNEUMATIC TUBING, INLINE PUMP, SUPPORTS, AND HANGERS.
- 104
- REMOVE EXISTING VARIABLE AIR VOLUME BOX, ASSOCIATED DUCTWORK, PIPING, CONTROLS, PNEUMATIC TUBING, HANGERS, AND SUPPORTS.
- 106
- REMOVE EXISTING LOUVER AND ASSOCIATED DUCTWORK.
- 109
- EXISTING LOUVER TO REMAIN. PATCH INSIDE SURFACE WITH AN INSULATED SHEETMETAL PANEL.
- 110
- REMOVE EXISTING GRILLE AND ASSOCIATED DUCTWORK.
- 112
- REMOVE EXISTING DUCT UP THROUGH THE FLOOR. COORDINATE PATCHING OF FLOOR WITH THE GENERAL CONTRACTOR.
- 113
- REMOVE EXISTING PIPING UP THROUGH THE FLOOR. COORDINATE PATCHING OF FLOOR WITH THE GENERAL CONTRACTOR.



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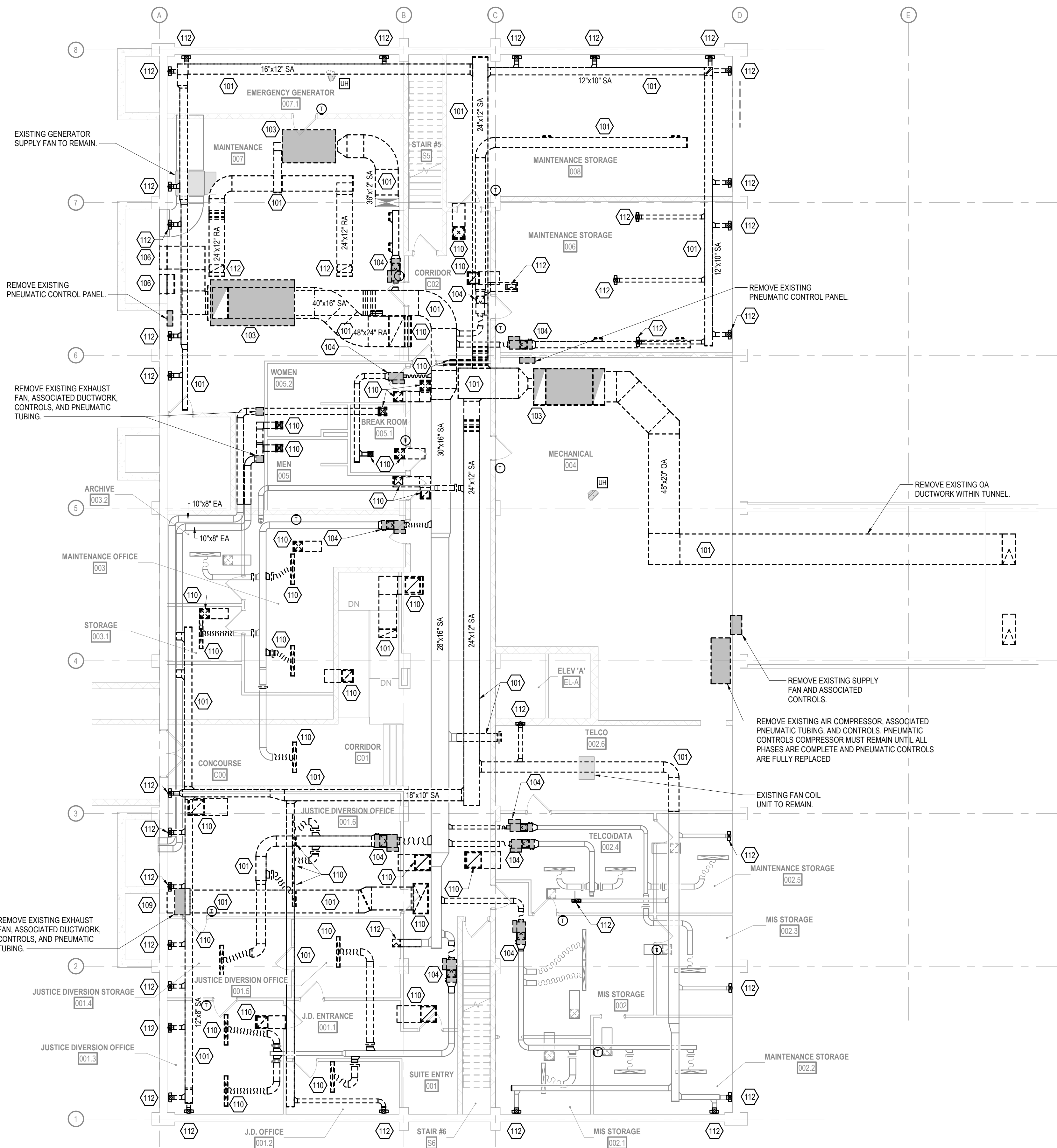
PROJECT TITLE
SAUK COUNTY
COURTHOUSE HVAC
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515 Oak St
Baraboo, WI 53913

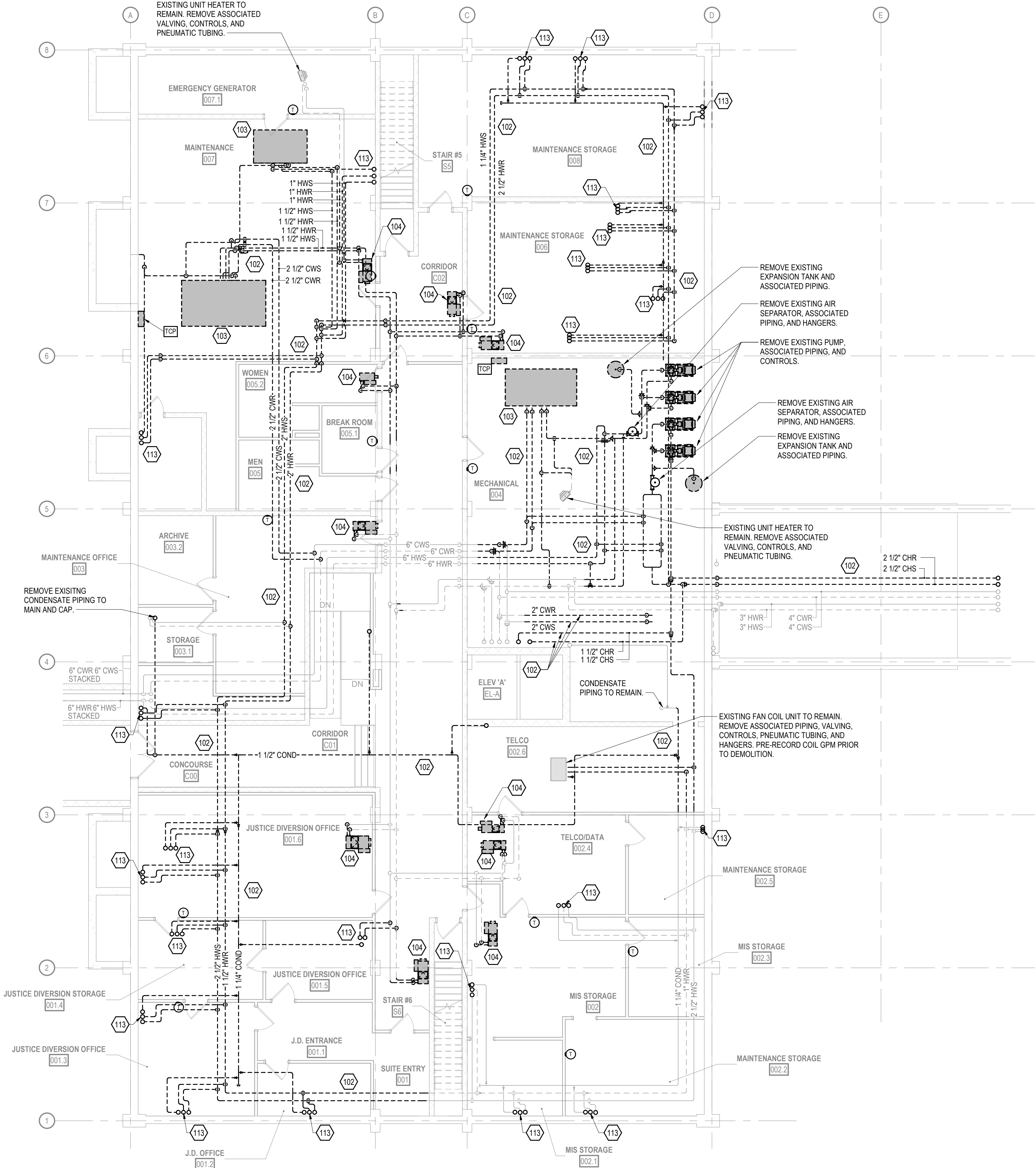
SHEET NAME

BASEMENT
MECHANICAL
DEMOLITION PLAN
(PHASE 1)

SHEET NO.



1
M100
SCALE: 1/8" = 1'-0"



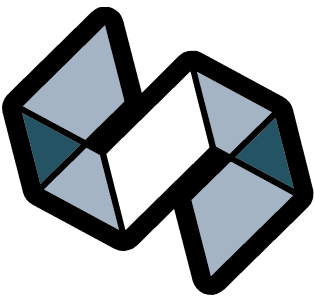
2
M100
SCALE: 1/8" = 1'-0"

GENERAL MECHANICAL DEMOLITION NOTES

- 1 BOLD TEXT AND LINEWORK INDICATES SCOPE OF DEMOLITION.
- 2 DEMOLITION INCLUDES REMOVAL OF ALL CONTROL WIRING, VENTS, PIPING, HANGERS, SUPPORTS, AND ACCESSORIES ASSOCIATED WITH THE EQUIPMENT SHOWN TO BE REMOVED. CAP ABANDONED SERVICES BACK AT THE MAIN UNLESS NOTED OTHERWISE.
- 3 COORDINATE PATCHING OF OPENINGS REMAINING IN ROOF, WALLS, AND FLOORS WITH THE GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.

SPECIFIC MECHANICAL DEMOLITION PLAN NOTES

- 101 REMOVE EXISTING DUCTWORK AND HANGERS TO POINT INDICATED.
- 102 REMOVE EXISTING PIPING AND HANGERS TO POINT INDICATED.
- 103 REMOVE EXISTING AIR HANDLING UNIT, ASSOCIATED DUCTWORK, PIPING, CONTROLS, PNEUMATIC TUBING, INLINE PUMP, SUPPORTS, AND HANGERS.
- 107 EXISTING SUPPLY GRILLE. COORDINATE PATCHING OF WALL OR FLOOR WITH THE GENERAL CONTRACTOR.
- 108 REMOVE EXISTING FAN COIL UNIT, ASSOCIATED VENTILATION DUCT, PIPING, CONTROLS, AND HANGERS. COORDINATE PATCHING OF CEILING, WALLS, AND FLOOR WITH THE GENERAL CONTRACTOR.
- 109 EXISTING LOUVER TO REMAIN. PATCH INSIDE SURFACE WITH AN INSULATED SHEETMETAL PANEL.
- 110 REMOVE EXISTING GRILLE AND ASSOCIATED DUCTWORK.
- 111 REMOVE EXISTING FAN COIL UNIT, ASSOCIATED PIPING, HANGERS, AND CONTROLS.
- 112 REMOVE EXISTING DUCT UP THROUGH THE FLOOR. COORDINATE PATCHING OF FLOOR WITH THE GENERAL CONTRACTOR.
- 113 REMOVE EXISTING PIPING UP THROUGH THE FLOOR. COORDINATE PATCHING OF FLOOR WITH THE GENERAL CONTRACTOR.
- 116 REMOVE EXISTING CONDENSATE PUMP, ASSOCIATED PIPING, HANGERS, AND CONTROLS.



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PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
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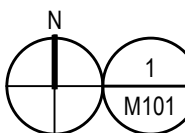
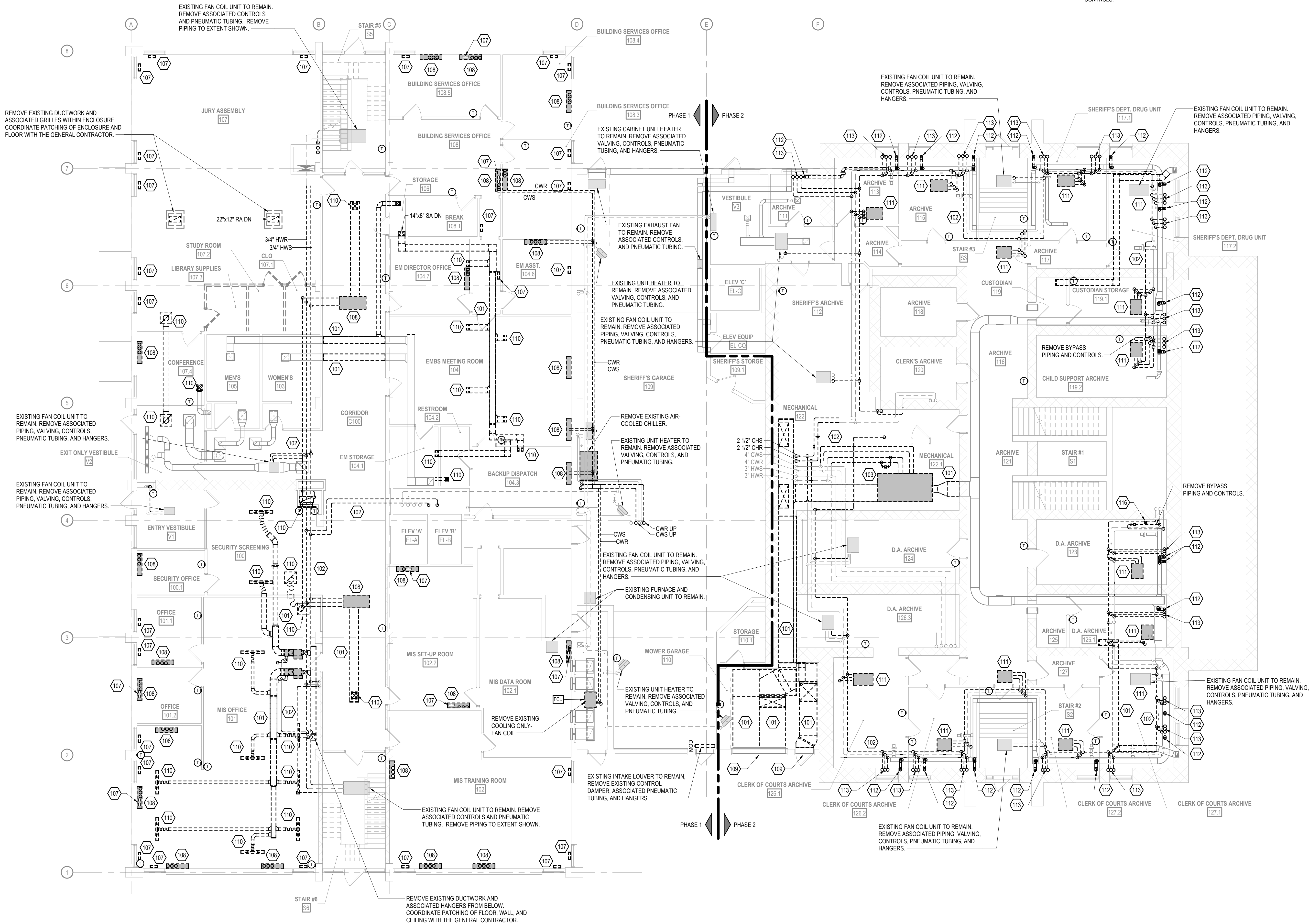
515 Oak St
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SHEET NAME

FIRST FLOOR
MECHANICAL
DEMOLITION PLAN
(PHASE 1 & 2)

SHEET NO.

M101



FIRST FLOOR MECHANICAL DEMOLITION PLAN

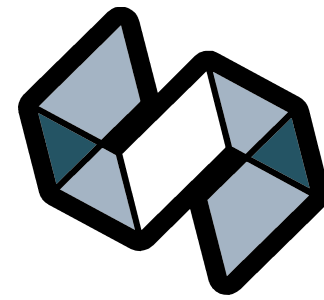
SCALE: 1/8" = 1'-0"

GENERAL MECHANICAL DEMOLITION NOTES

- 1 BOLD TEXT AND LINEWORK INDICATES SCOPE OF DEMOLITION.
- 2 DEMOLITION INCLUDES REMOVAL OF ALL CONTROL WIRING, VENTS, PIPING, HANGERS, SUPPORTS, AND ACCESSORIES ASSOCIATED WITH THE EQUIPMENT SHOWN TO BE REMOVED. CAP ABANDONED SERVICES BACK AT THE MAIN UNLESS NOTED OTHERWISE.
- 3 COORDINATE PATCHING OF OPENINGS REMAINING IN ROOF, WALLS, AND FLOORS WITH THE GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.

SPECIFIC MECHANICAL DEMOLITION PLAN NOTES

- 101 REMOVE EXISTING DUCTWORK AND HANGERS TO POINT INDICATED.
- 102 REMOVE EXISTING PIPING AND HANGERS TO POINT INDICATED.
- 104 REMOVE EXISTING VARIABLE AIR VOLUME BOX, ASSOCIATED DUCTWORK, PIPING, CONTROLS, PNEUMATIC TUBING, HANGERS, AND SUPPORTS.
- 108 REMOVE EXISTING FAN COIL UNIT, ASSOCIATED VENTILATION DUCT, PIPING, CONTROLS, AND HANGERS. COORDINATE PATCHING OF CEILING, WALLS, AND FLOOR WITH THE GENERAL CONTRACTOR.
- 110 REMOVE EXISTING GRILLE AND ASSOCIATED DUCTWORK.
- 114 REMOVE EXISTING VARIABLE AIR VOLUME BOX, ASSOCIATED DUCTWORK, CONTROLS, PNEUMATIC TUBING, HANGERS, AND SUPPORTS.



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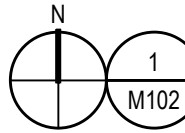
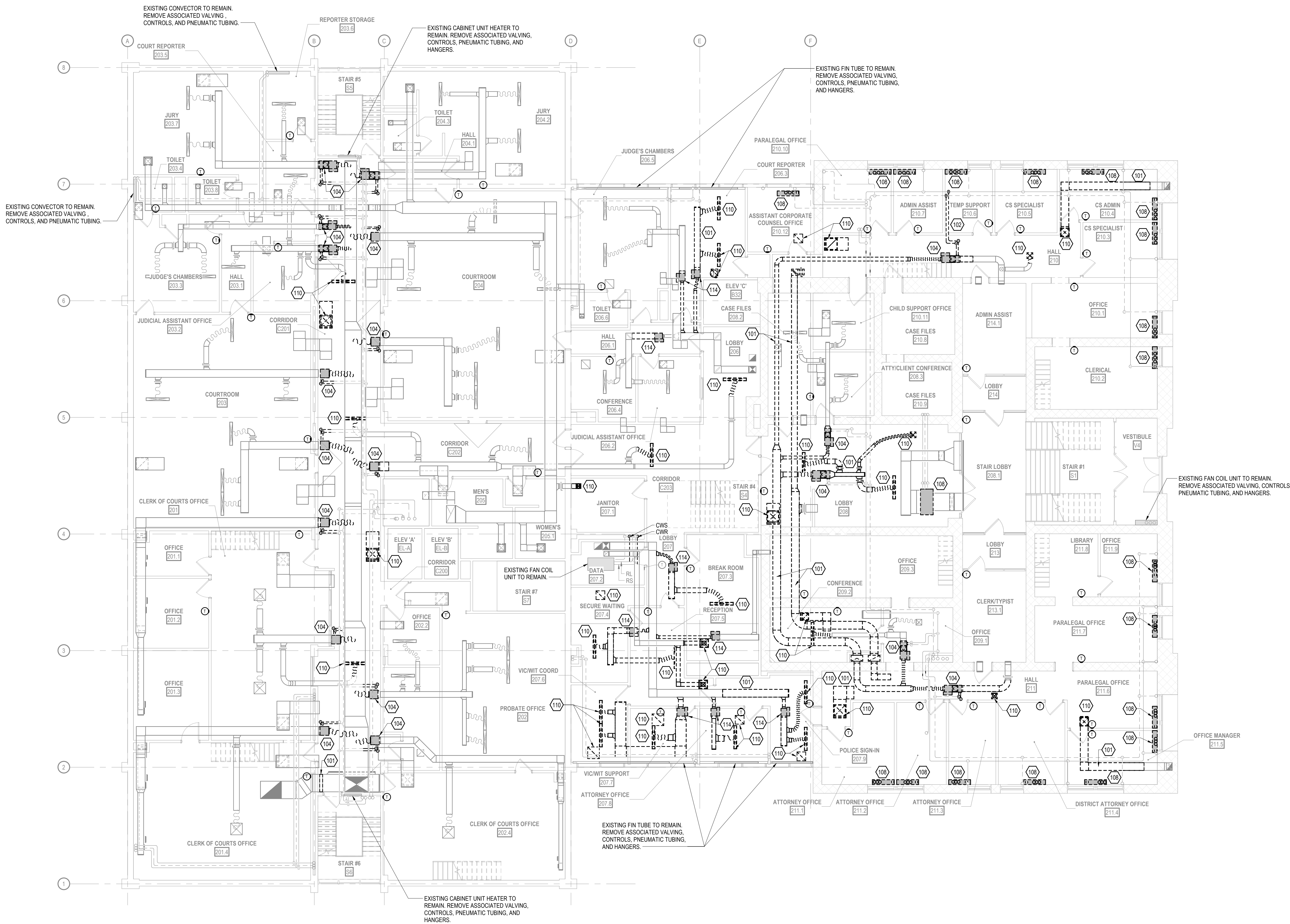
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INTERIOR DESIGN

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SECOND FLOOR MECHANICAL DEMOLITION PLAN

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PROJECT TITLE
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AND LIGHTING
UPGRADES

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SHEET NAME

SECOND FLOOR
MECHANICAL
DEMOLITION PLAN
(PHASE 2)

SHEET NO.

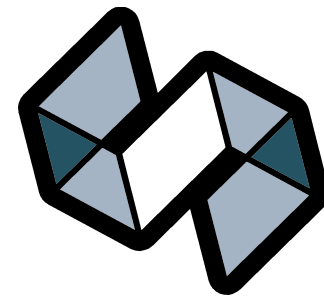
M102

GENERAL MECHANICAL DEMOLITION NOTES

- 1 BOLD TEXT AND LINEWORK INDICATES SCOPE OF DEMOLITION.
- 2 DEMOLITION INCLUDES REMOVAL OF ALL CONTROL WIRING, VENTS, PIPING, HANGERS, SUPPORTS, AND ACCESSORIES ASSOCIATED WITH THE EQUIPMENT SHOWN TO BE REMOVED. CAP ABANDONED SERVICES BACK AT THE MAIN UNLESS NOTED OTHERWISE.
- 3 COORDINATE PATCHING OF OPENINGS REMAINING IN ROOF, WALLS, AND FLOORS WITH THE GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.

SPECIFIC MECHANICAL DEMOLITION PLAN NOTES

- 101 REMOVE EXISTING DUCTWORK AND HANGERS TO POINT INDICATED.
- 104 REMOVE EXISTING VARIABLE AIR VOLUME BOX, ASSOCIATED DUCTWORK, PIPING, CONTROLS, PNEUMATIC TUBING, HANGERS, AND SUPPORTS.
- 105 EXISTING BOOSTER COIL TO REMAIN. REMOVE ASSOCIATED VALVING, CONTROLS, PNEUMATIC TUBING, AND HANGERS.
- 110 REMOVE EXISTING GRILLE AND ASSOCIATED DUCTWORK.
- 114 REMOVE EXISTING VARIABLE AIR VOLUME BOX, ASSOCIATED DUCTWORK, CONTROLS, PNEUMATIC TUBING, HANGERS, AND SUPPORTS.



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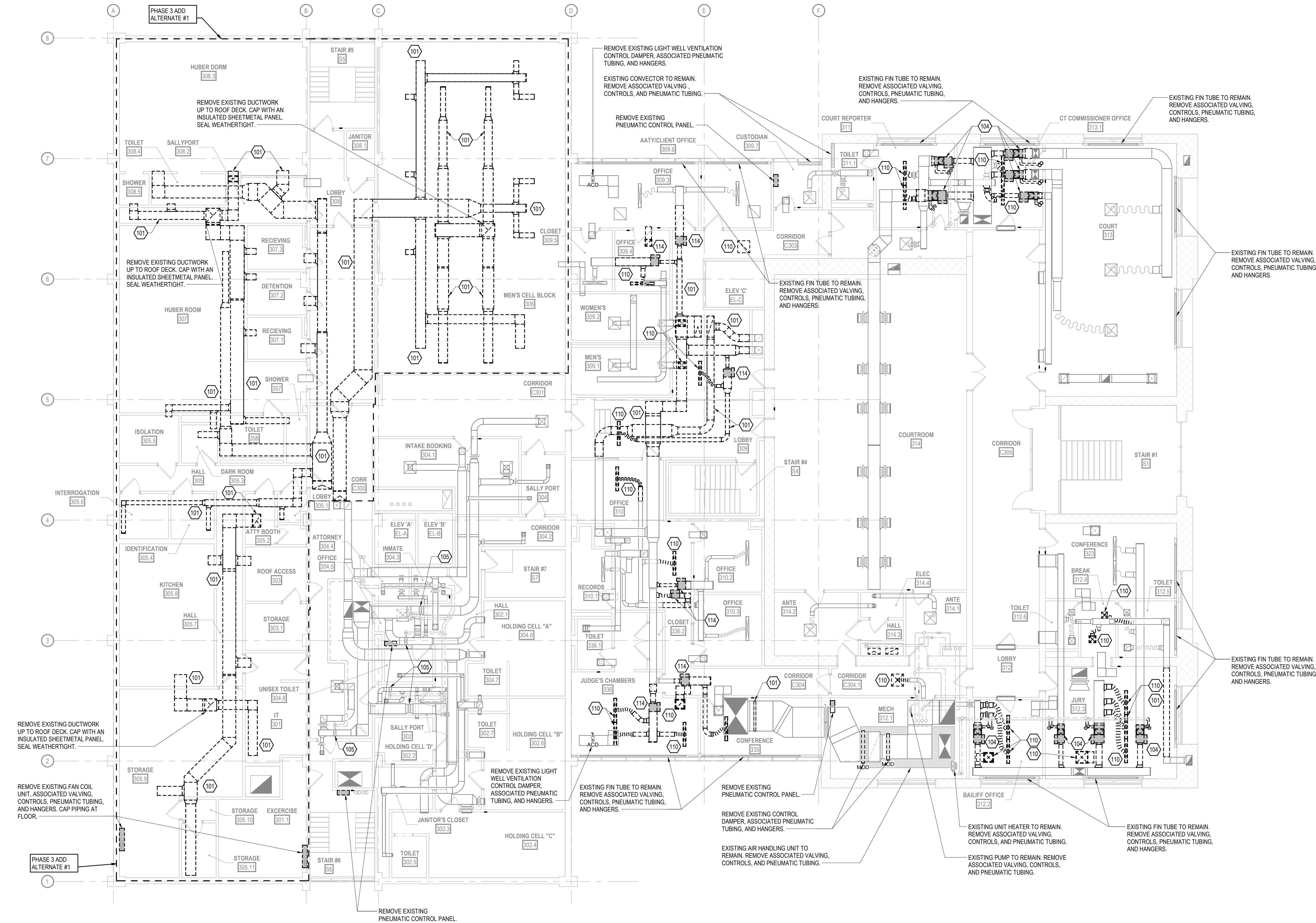
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INTERIOR DESIGN

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1 M103 THIRD FLOOR MECHANICAL DEMOLITION PLAN
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UPGRADES

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SHEET NAME
THIRD FLOOR
MECHANICAL
DEMOLITION PLAN
(PHASE 3)

SHEET NO.

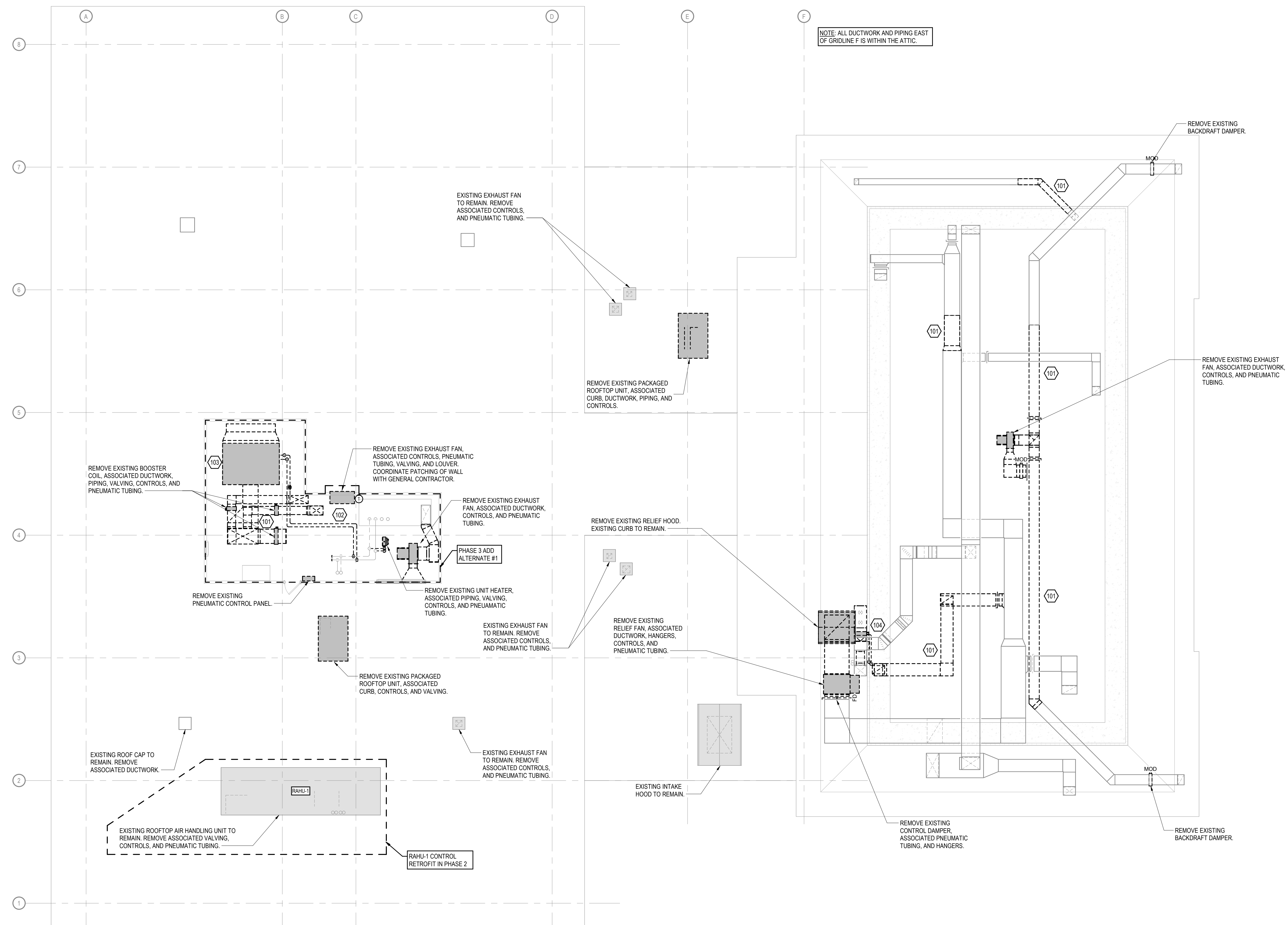
M103

- 1 BOLD TEXT AND LINEWORK INDICATES SCOPE OF DEMOLITION.
- 2 DEMOLITION INCLUDES REMOVAL OF ALL CONTROL WIRING, VENTS, PIPING, HANGERS, SUPPORTS, AND ACCESSORIES ASSOCIATED WITH THE EQUIPMENT SHOWN TO BE REMOVED. CAP ABANDONED SERVICES BACK AT THE MAIN UNLESS NOTED OTHERWISE.
- 3 COORDINATE PATCHING OF OPENINGS REMAINING IN ROOF, WALLS, AND FLOORS WITH THE GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.

101	REMOVE EXISTING DUCTWORK AND HANGERS TO POINT INDICATED.
102	REMOVE EXISTING PIPING AND HANGERS TO POINT INDICATED.
103	REMOVE EXISTING AIR HANDLING UNIT, ASSOCIATED DUCTWORK, PIPING, CONTROLS, PNEUMATIC TUBING, INLINE PUMP, SUPPORTS, AND HANGERS.
104	REMOVE EXISTING VARIABLE AIR VOLUME BOX, ASSOCIATED DUCTWORK, PIPING, CONTROLS, PNEUMATIC TUBING, HANGERS, AND SUPPORTS.



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515 Oak St
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SHEET NAME

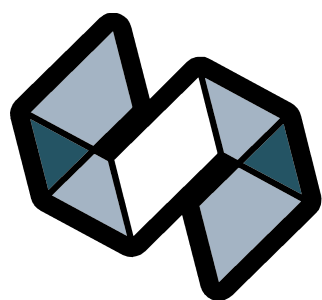
ROOF MECHANICAL DEMOLITION PLAN (PHASE 3)

SHEET NO.

SPECIFIC MECHANICAL PLAN NOTES

201 BALANCE EXISTING DIFFUSER, REGISTER, OR GRILLE TO CFM INDICATED.

203 INSTALL NEW TRANSFER DUCT IN EXISTING WALL PENETRATION.



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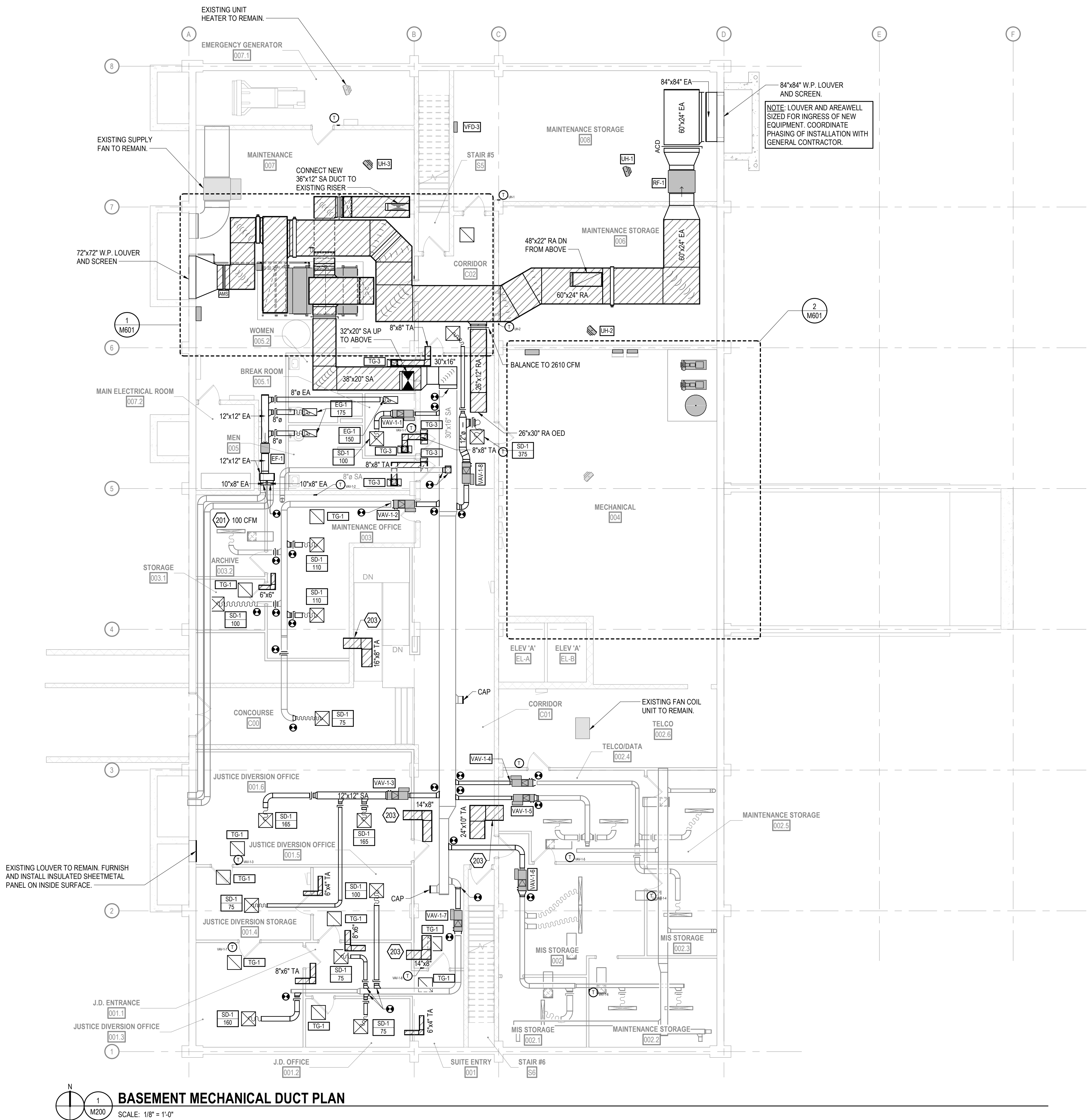
515 Oak St
Baraboo, WI 53913

SHEET NAME

BASEMENT
MECHANICAL PLAN
(PHASE 1)

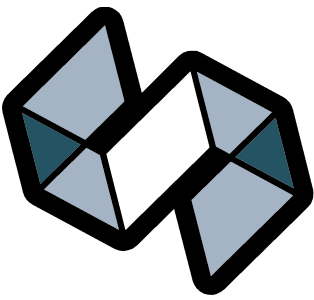
SHEET NO.

M200



BASEMENT MECHANICAL DUCT PLAN

SCALE: 1/8" = 1'-0"



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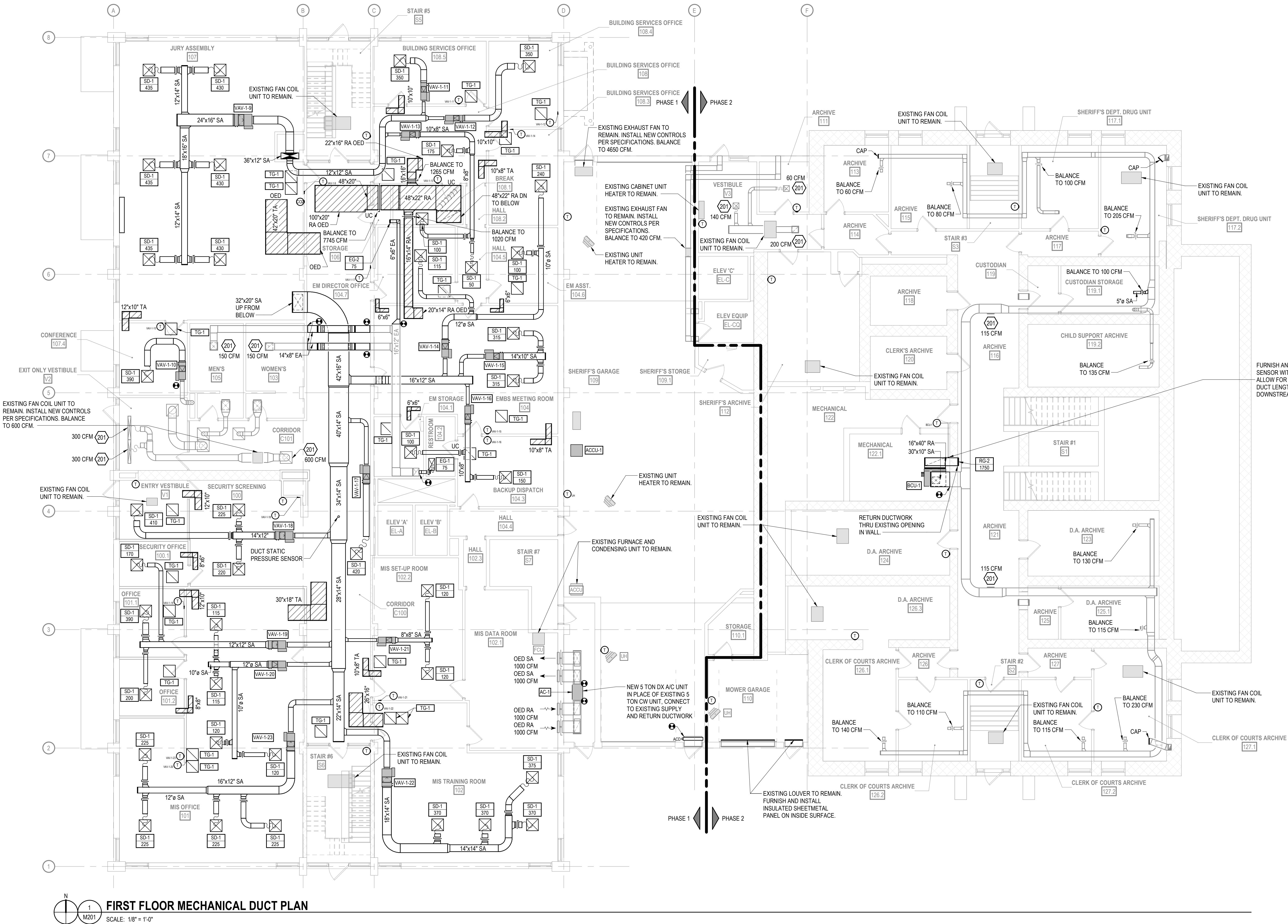
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FURNISH AND INSTALL A TEMPERATURE SENSOR WITHIN THE RETURN AIR DUCT. ALLOW FOR A MINIMUM 36" OF STRAIGHT DUCT LENGTH UPSTREAM AND DOWNSTREAM OF SENSOR LOCATION.

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SHEET NAME

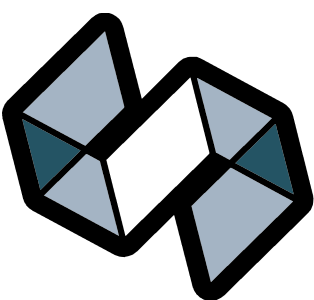
FIRST FLOOR MECHANICAL PLAN (PHASE 1 & 2)

SHEET NO.

M201

SPECIFIC MECHANICAL PLAN NOTES

- 201 BALANCE EXISTING DIFFUSER, REGISTER, OR GRILLE TO CFM INDICATED.
- 202 TRANSITION AS SHOWN FROM VAV DISCHARGE DIMENSION TO EXISTING DUCT SIZE. VERIFY EXACT CONDITIONS ON SITE.
- 204 24"x18" SA DOWN FROM ABOVE.
- 205 24"x18" RA UP TO ABOVE.



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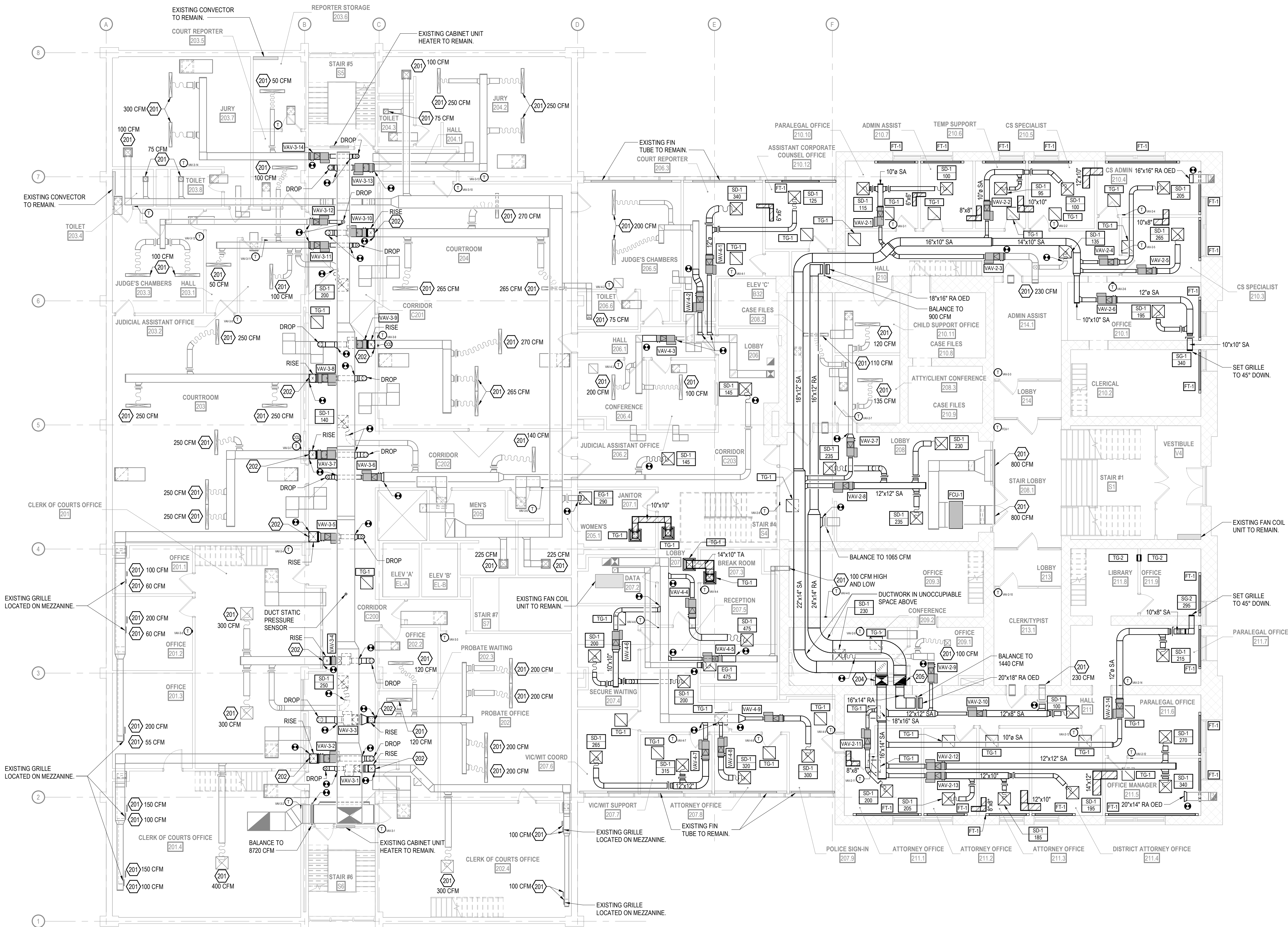
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1 SECOND FLOOR MECHANICAL DUCT PLAN
SCALE: 1/8" = 1'-0"

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UPGRADES

515 Oak St
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SHEET NAME
SECOND FLOOR
MECHANICAL PLAN
(PHASE 2)

SHEET NO.

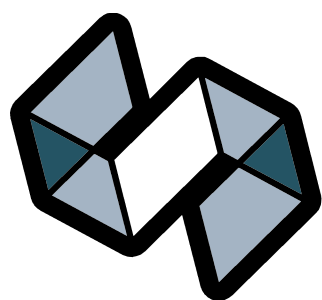
M202

SPECIFIC MECHANICAL PLAN NOTES

201 BALANCE EXISTING DIFFUSER, REGISTER, OR GRILLE TO CFM INDICATED.

204 24"x18" SA DOWN FROM ABOVE.

205 24"x18" RA UP TO ABOVE.



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PROJECT TITLE

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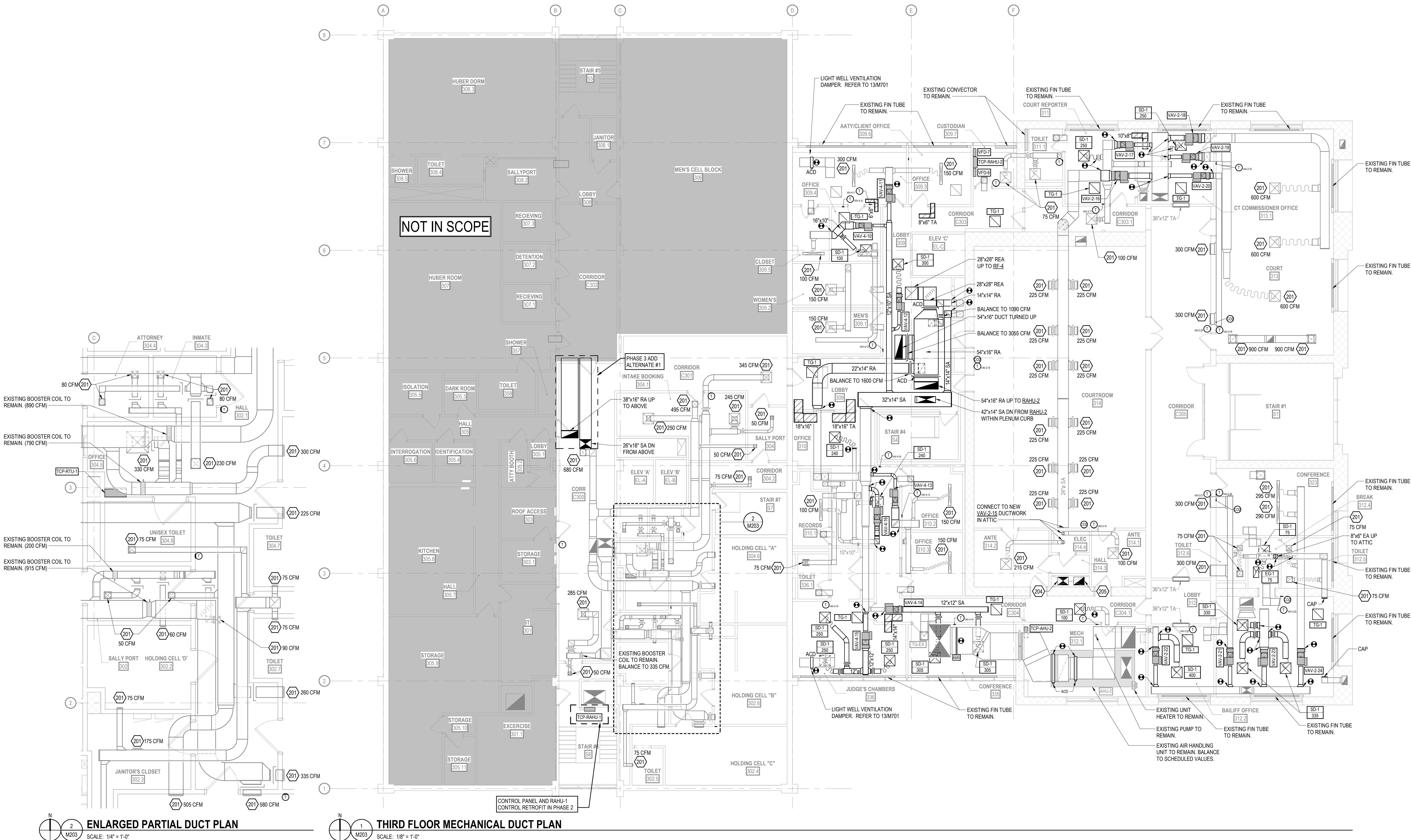
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SHEET NAME

THIRD FLOOR
MECHANICAL PLAN
(PHASE 3)

SHEET NO.

M203





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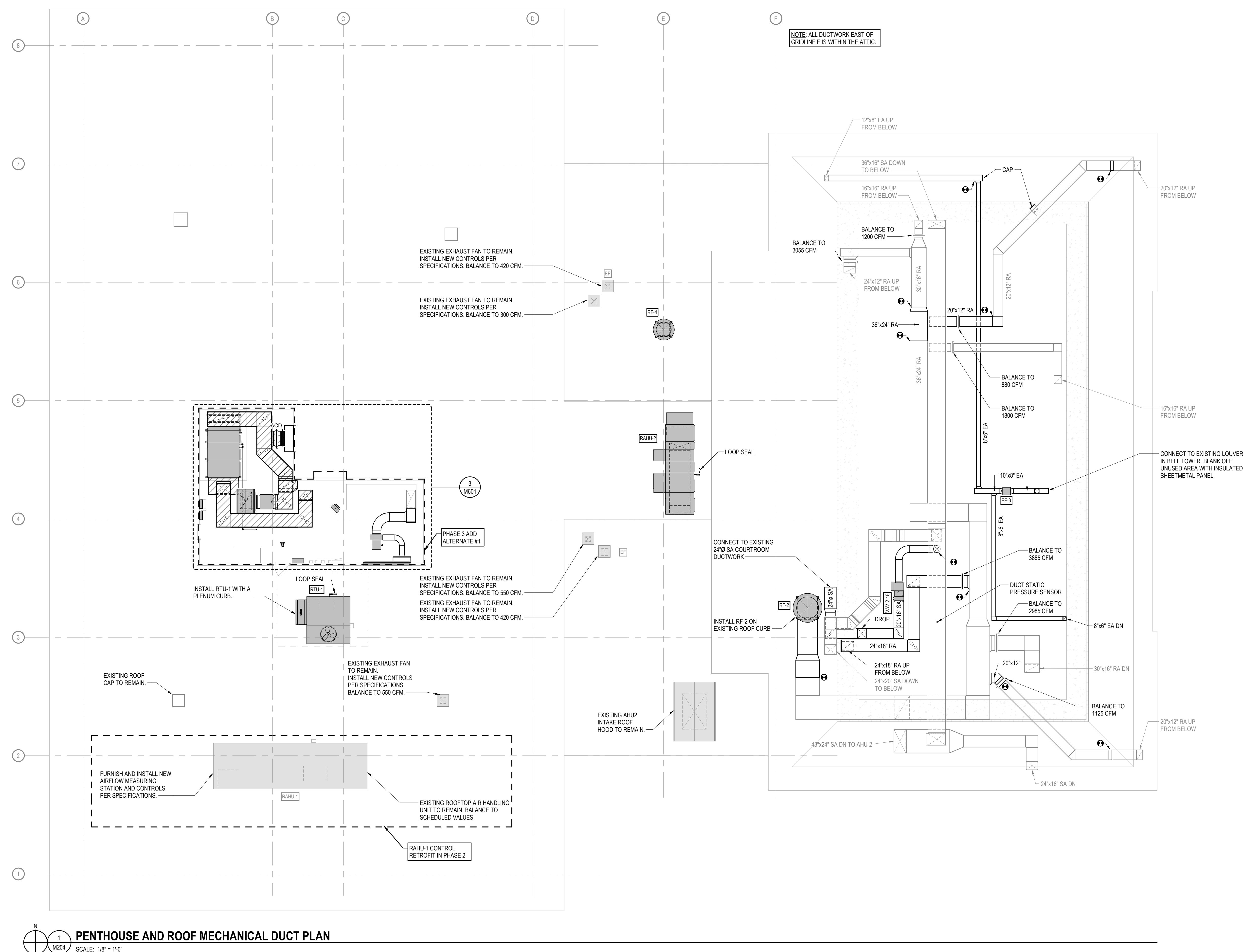
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No.	DESCRIPTION	DATE

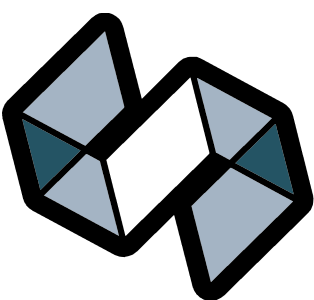
SHEET NAME

ROOF MECHANICAL
PLAN (PHASE 3)

SHEET NO.

M204





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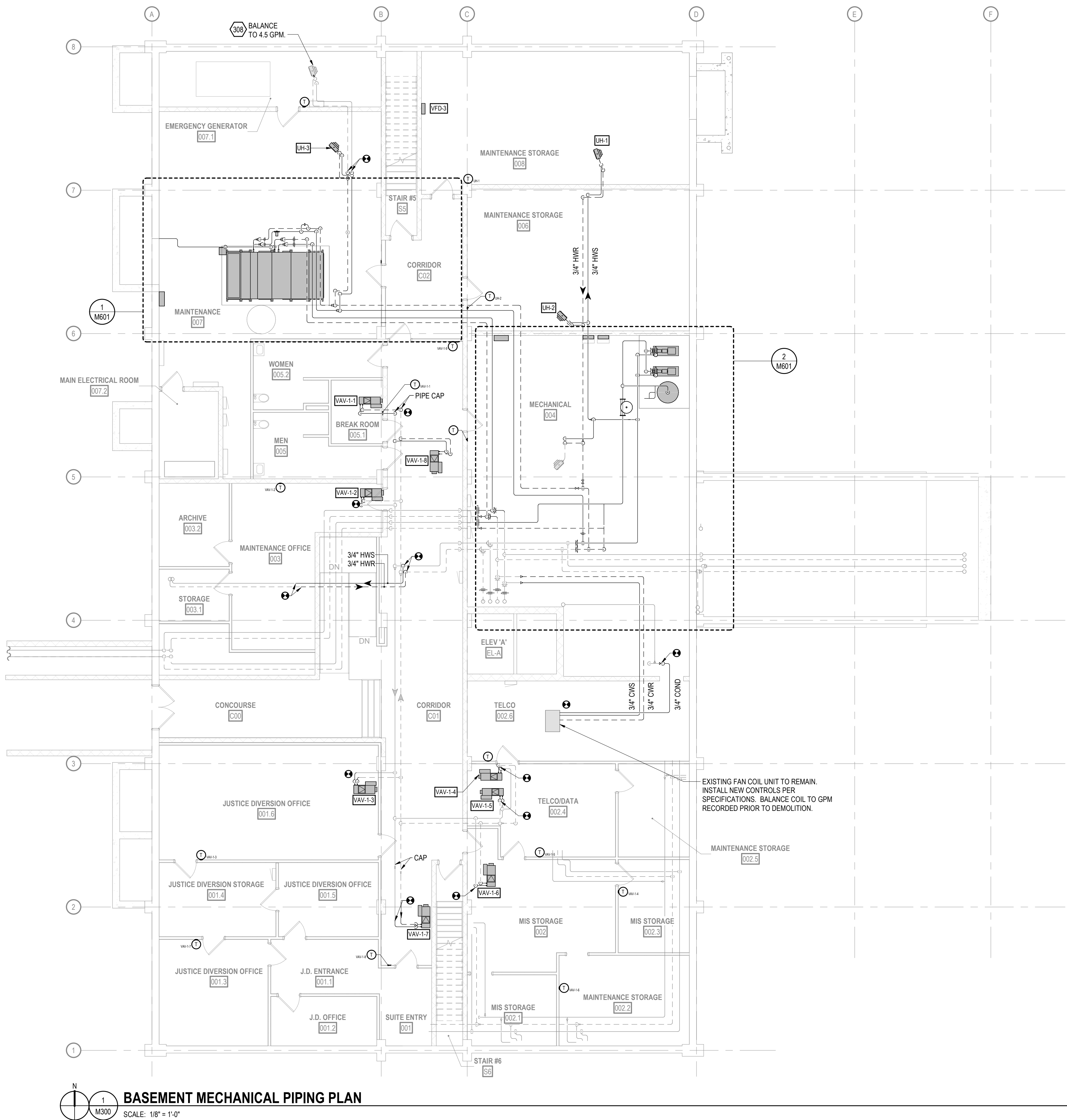
SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

SHEET NAME

BASEMENT
MECHANICAL PIPING
PLAN (PHASE 1)

SHEET NO.

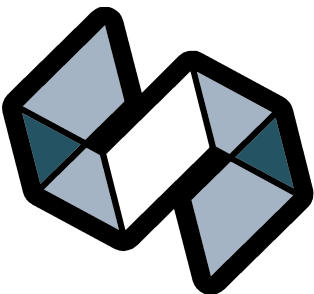


BASEMENT MECHANICAL PIPING PLAN
SCALE: 1/8" = 1'-0"

M300

SPECIFIC MECHANICAL PIPING PLAN NOTES

- 306 EXISTING CABINET UNIT HEATER TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 307 EXISTING FAN COIL UNIT TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 308 EXISTING UNIT HEATER TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 309 INSTALL 2" ISOLATION VALVES IN EXISTING HWS/R RISER UP TO 2ND FLOOR; ABOVE 1ST FLOOR BRANCH CONNECTIONS.



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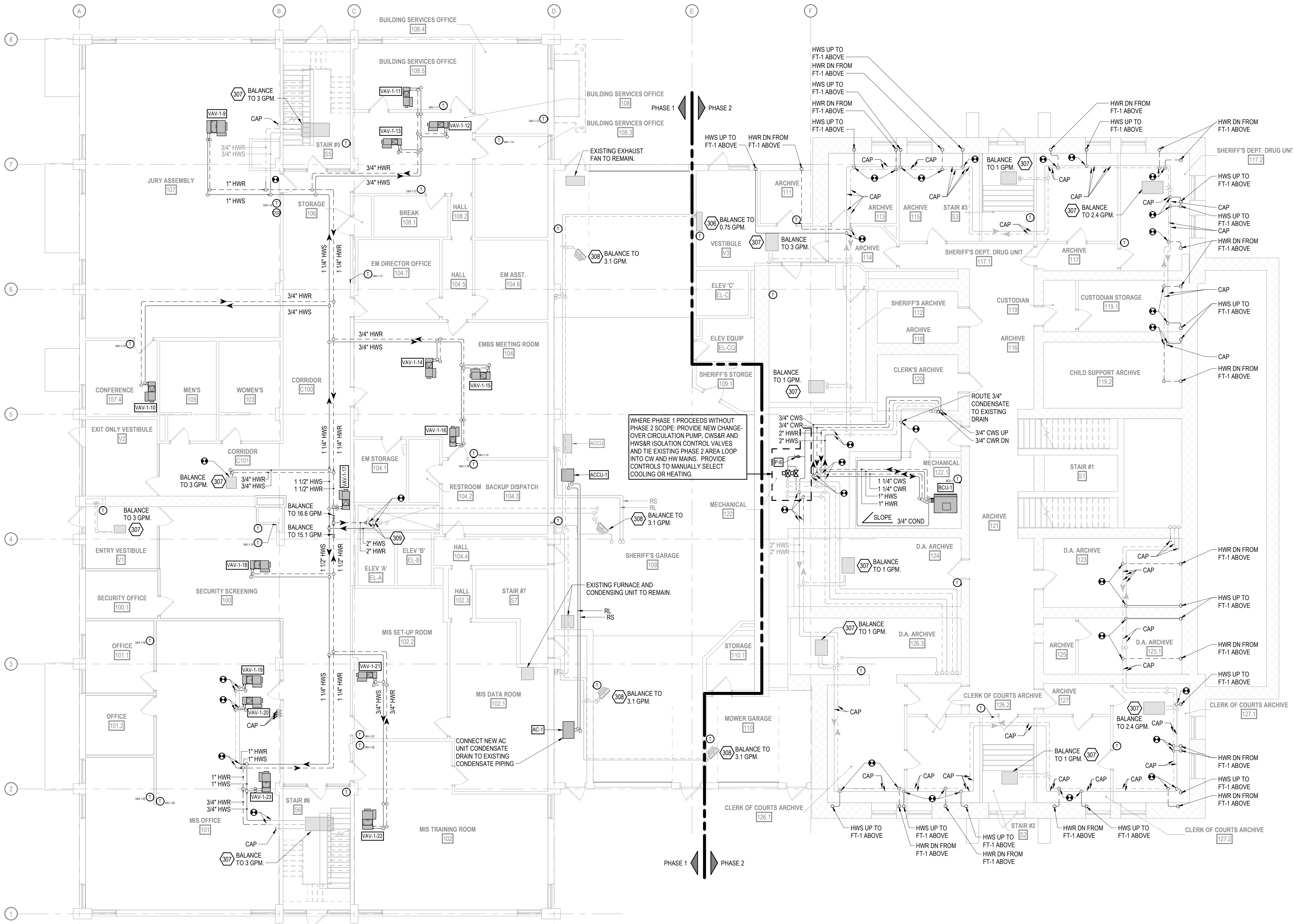
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SHEET NAME

FIRST FLOOR
MECHANICAL PIPING
PLAN (PHASE 1 & 2)

SHEET NO.

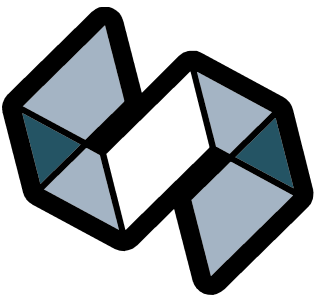


FIRST FLOOR MECHANICAL PIPING PLAN
SCALE: 1/8" = 1'-0"

M301

SPECIFIC MECHANICAL PIPING PLAN NOTES

- 301 EXISTING FIN TUBE TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 302 EXISTING CONVECTOR TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 306 EXISTING CABINET UNIT HEATER TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 307 EXISTING FAN COIL UNIT TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.



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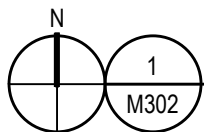
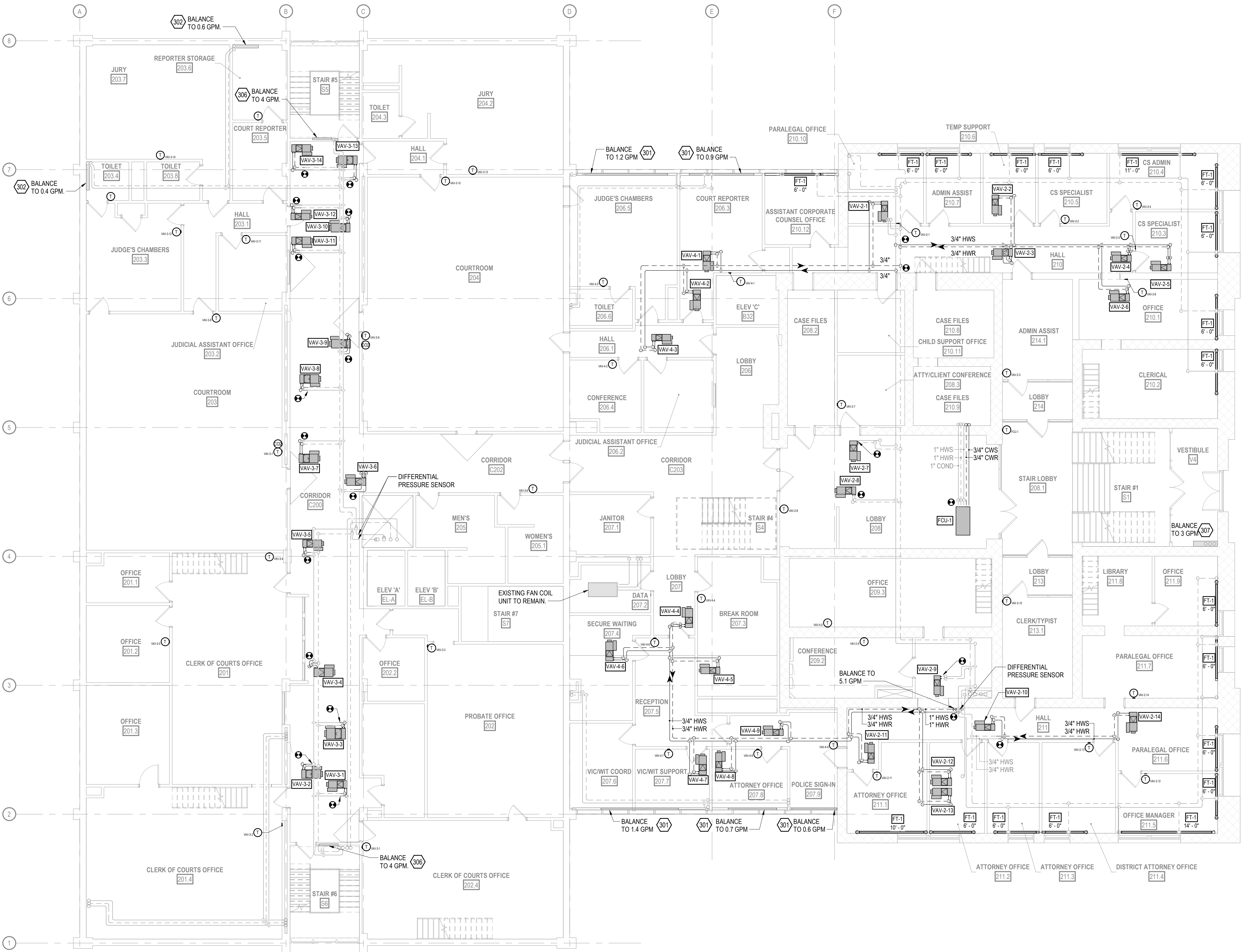
SAUK COUNTY
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UPGRADES

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SHEET NAME

SECOND FLOOR
MECHANICAL PIPING
PLAN (PHASE 2)

SHEET NO.



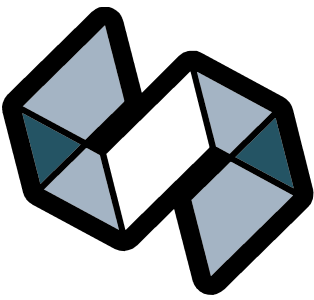
SECOND FLOOR MECHANICAL PIPING PLAN

SCALE: 1/8" = 1'-0"

M302

SPECIFIC MECHANICAL PIPING PLAN NOTES

- 301 EXISTING FIN TUBE TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 302 EXISTING CONVECTOR TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 303 RETROFIT EXISTING AHU-2 WITH DDC CONTROLS. REFER TO SCHEMATIC 3M701.
- 305 EXISTING HOT WATER REHEAT COIL TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 308 EXISTING UNIT HEATER TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.



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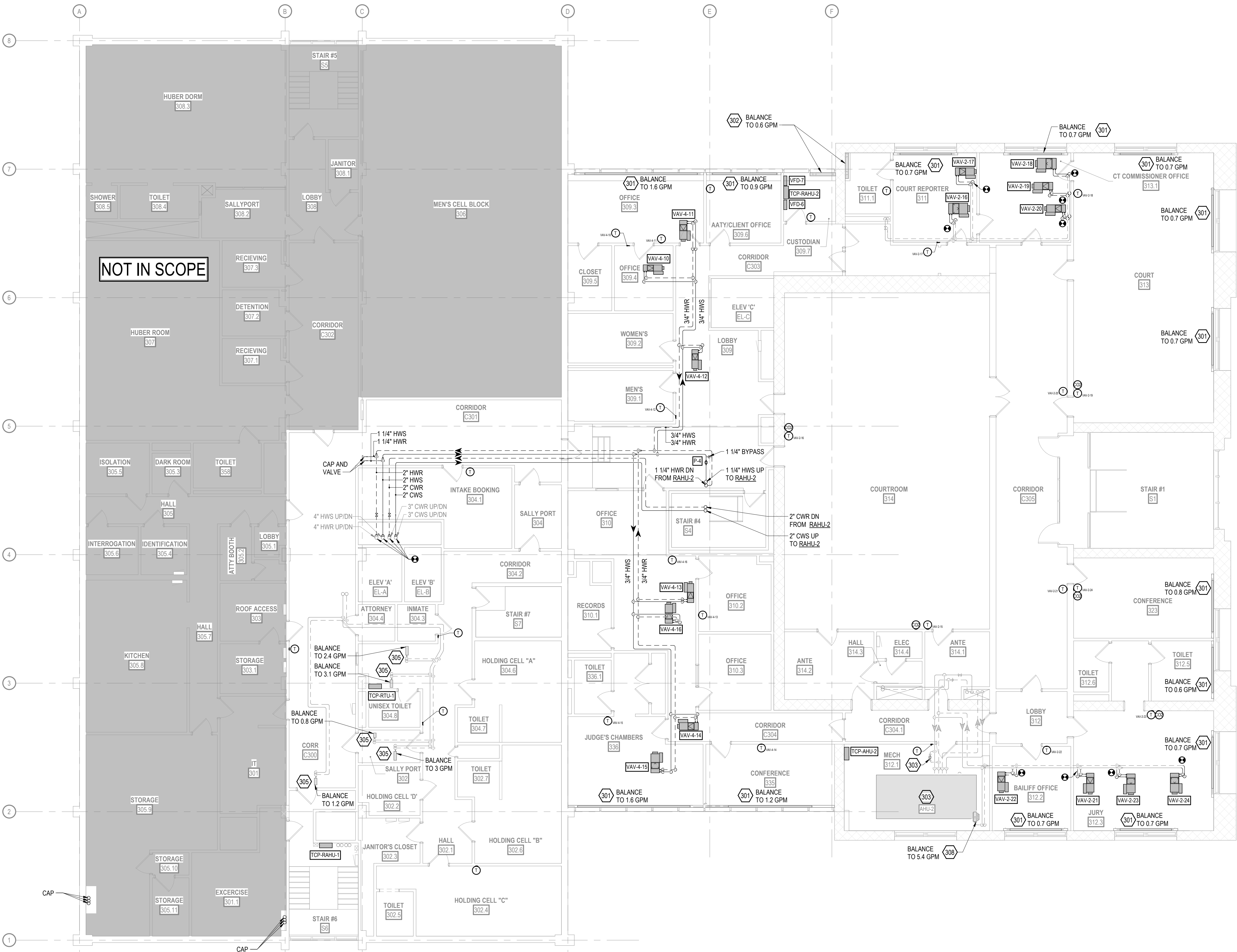
SAUK COUNTY
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AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

SHEET NAME

THIRD FLOOR
MECHANICAL PIPING
PLAN (PHASE 3)

SHEET NO.



1
M303
THIRD FLOOR MECHANICAL PIPING PLAN
SCALE: 1/8" = 1'-0"

M303



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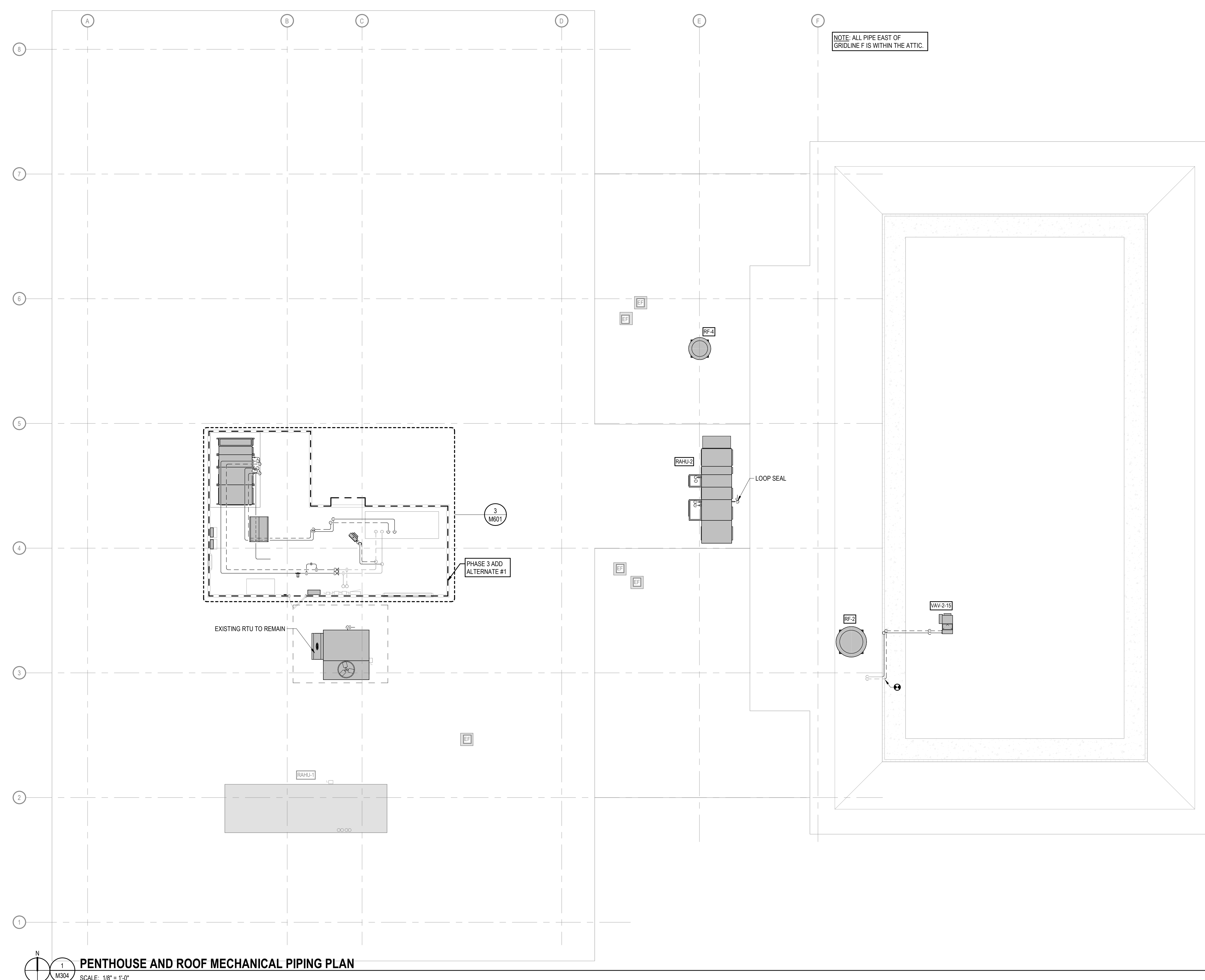
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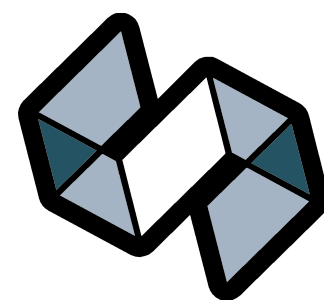
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SHEET NAME

ROOF MECHANICAL
PIPING PLAN
(PHASE 3)

M304





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UPGRADES

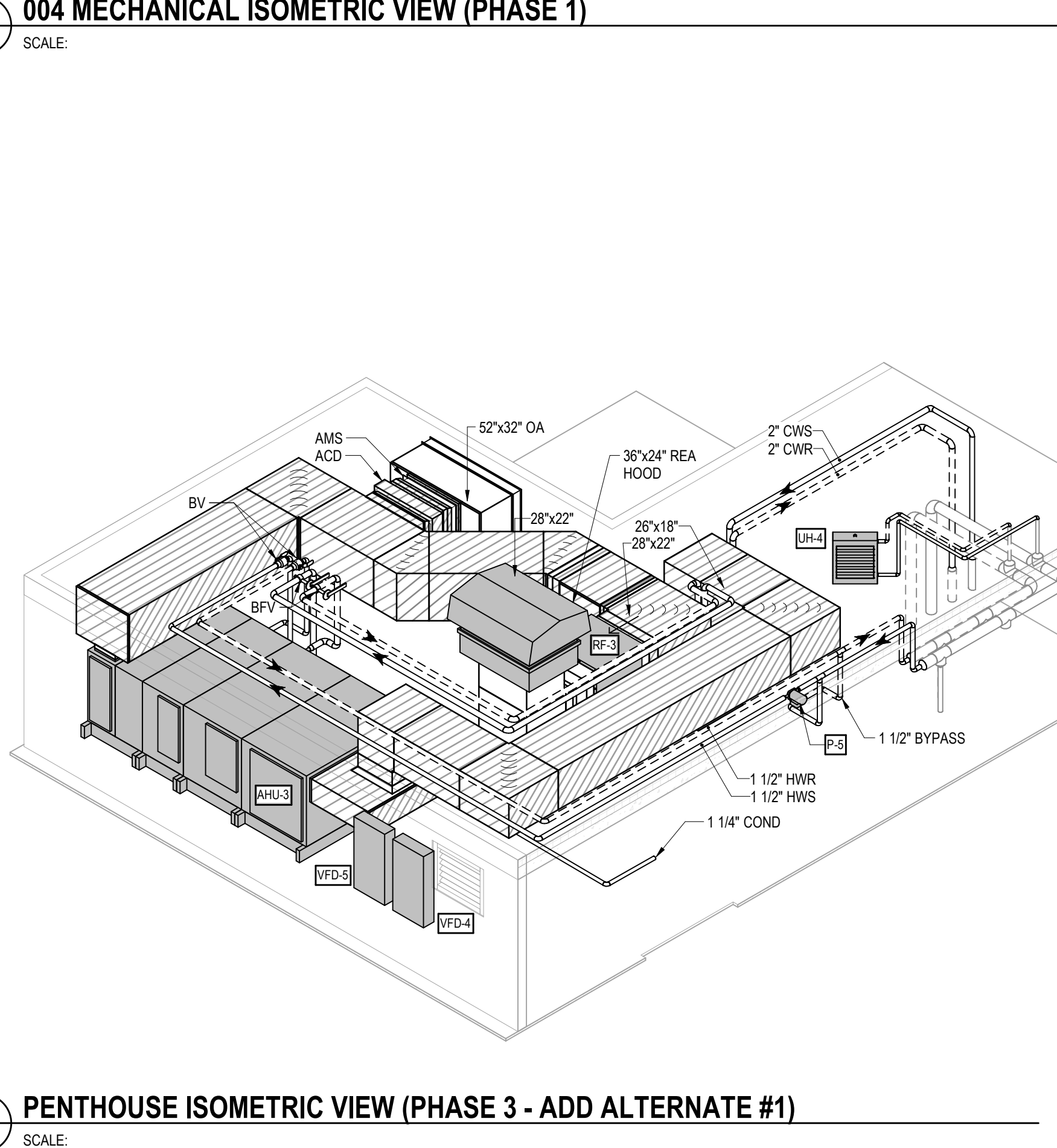
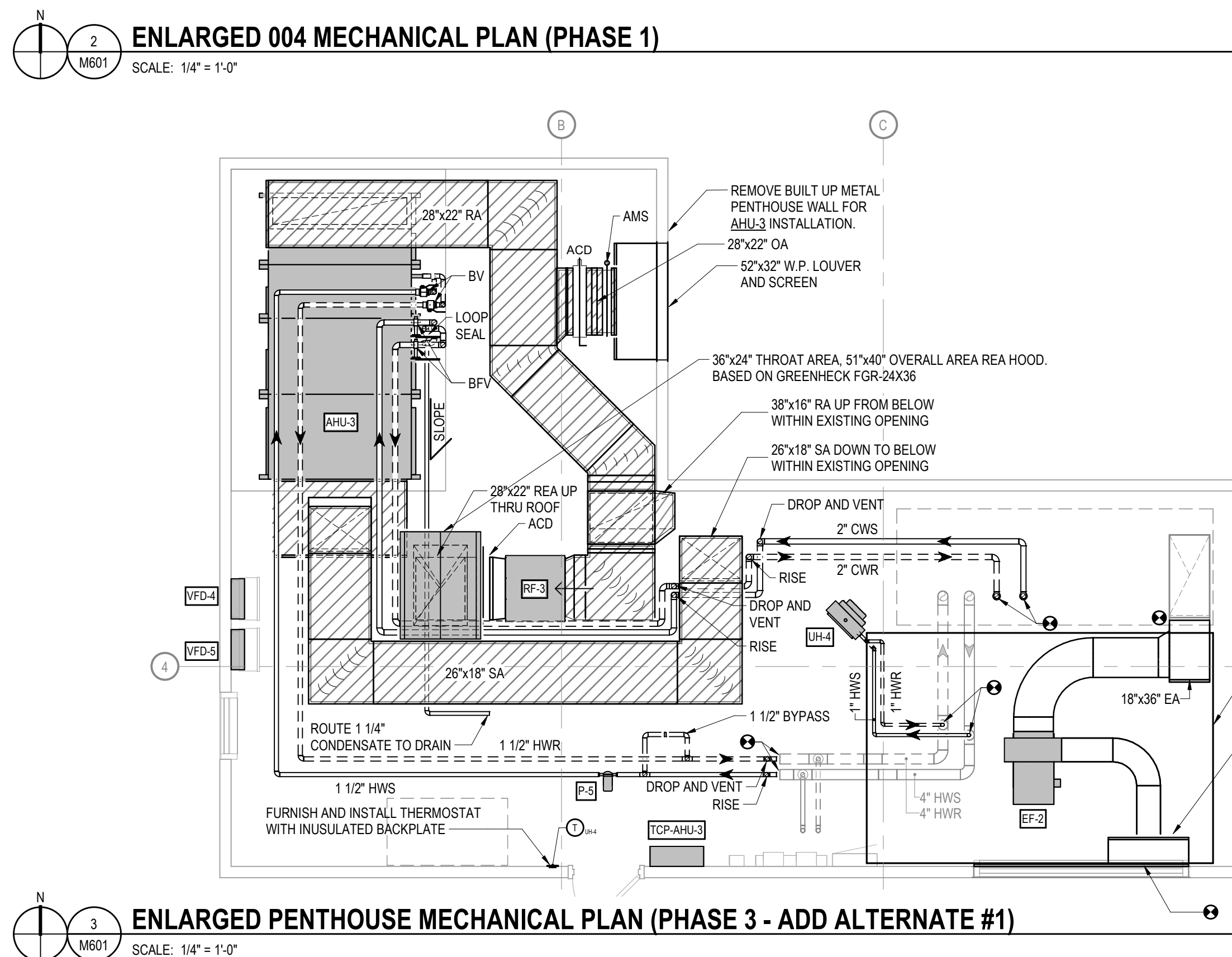
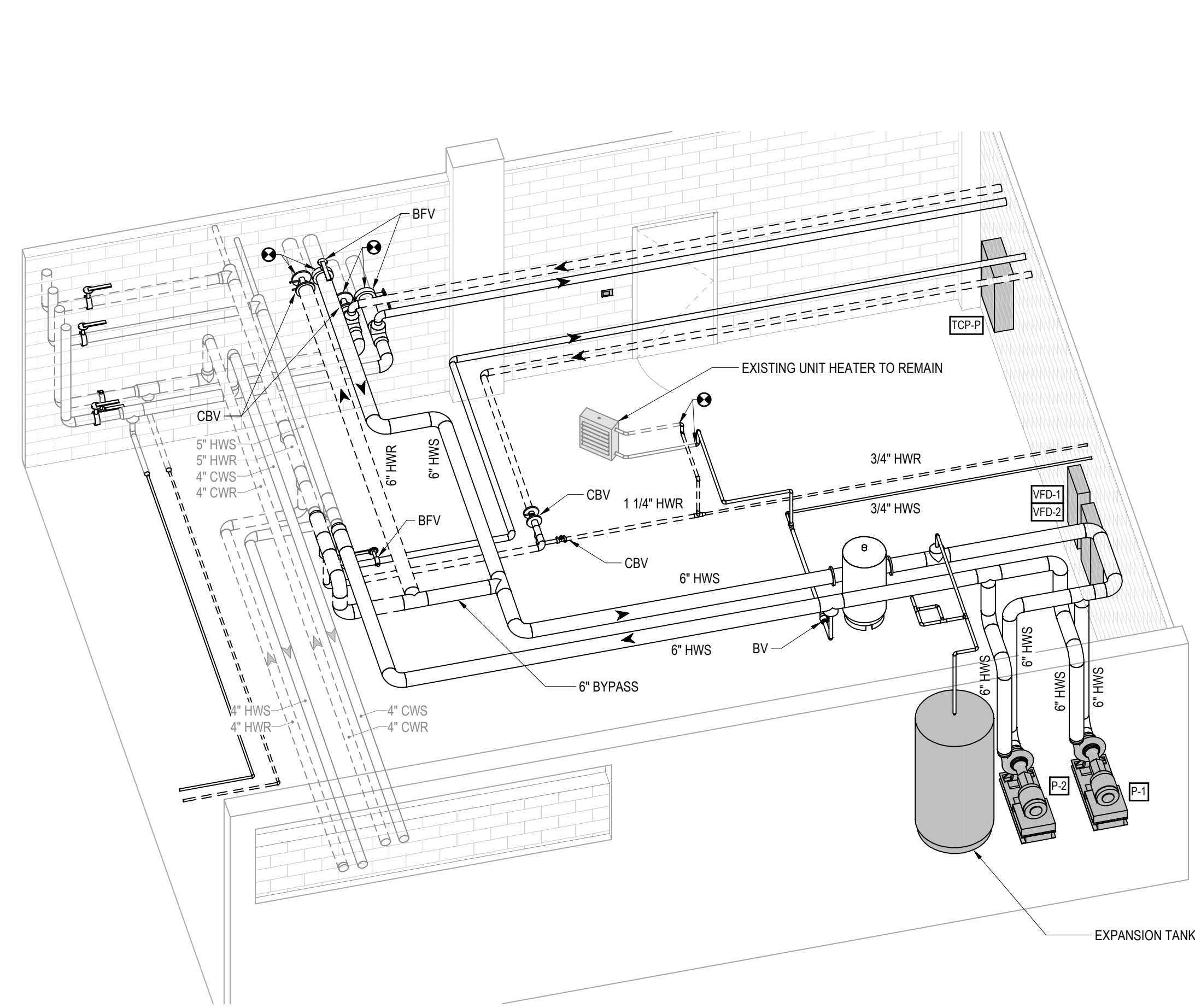
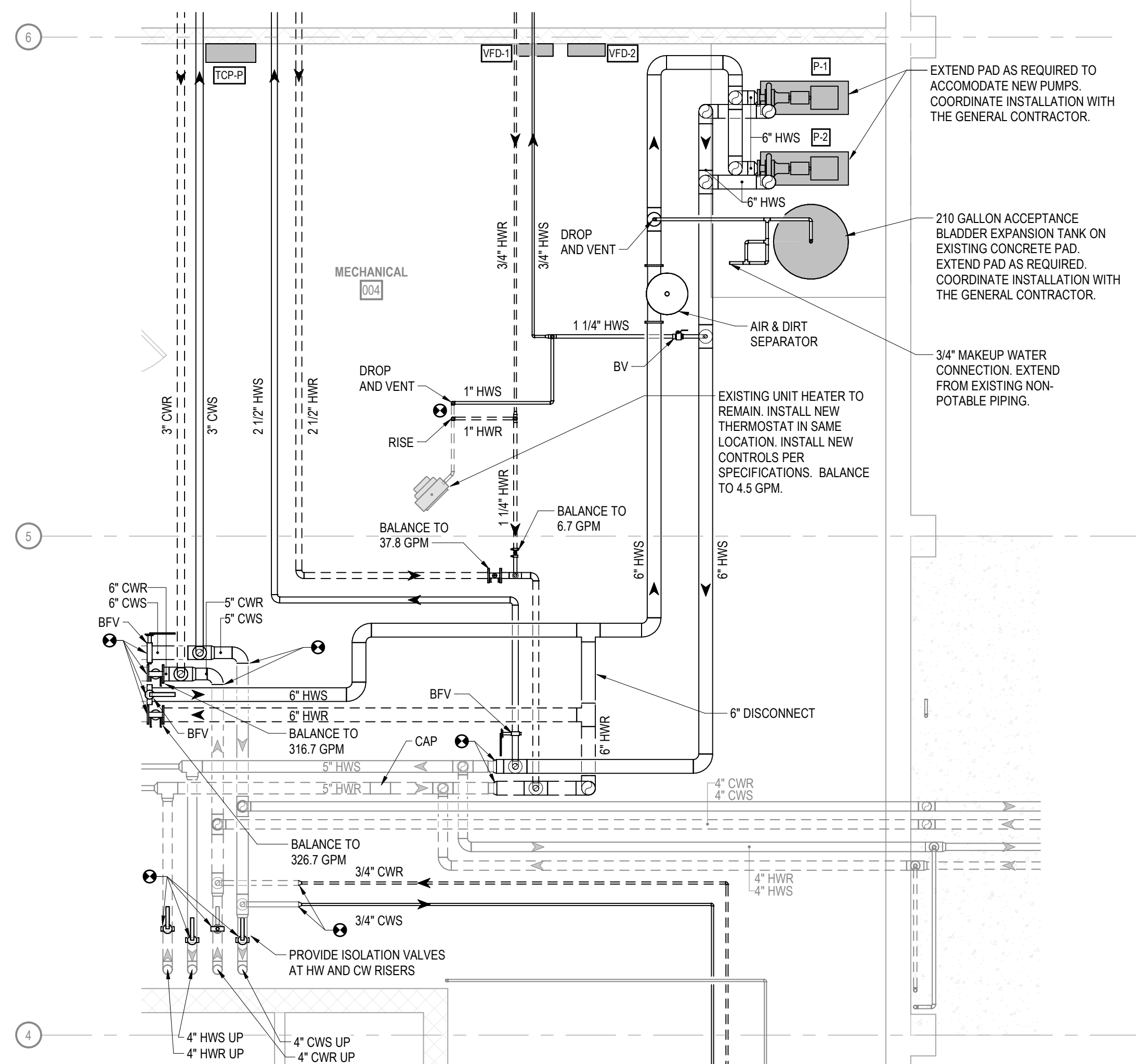
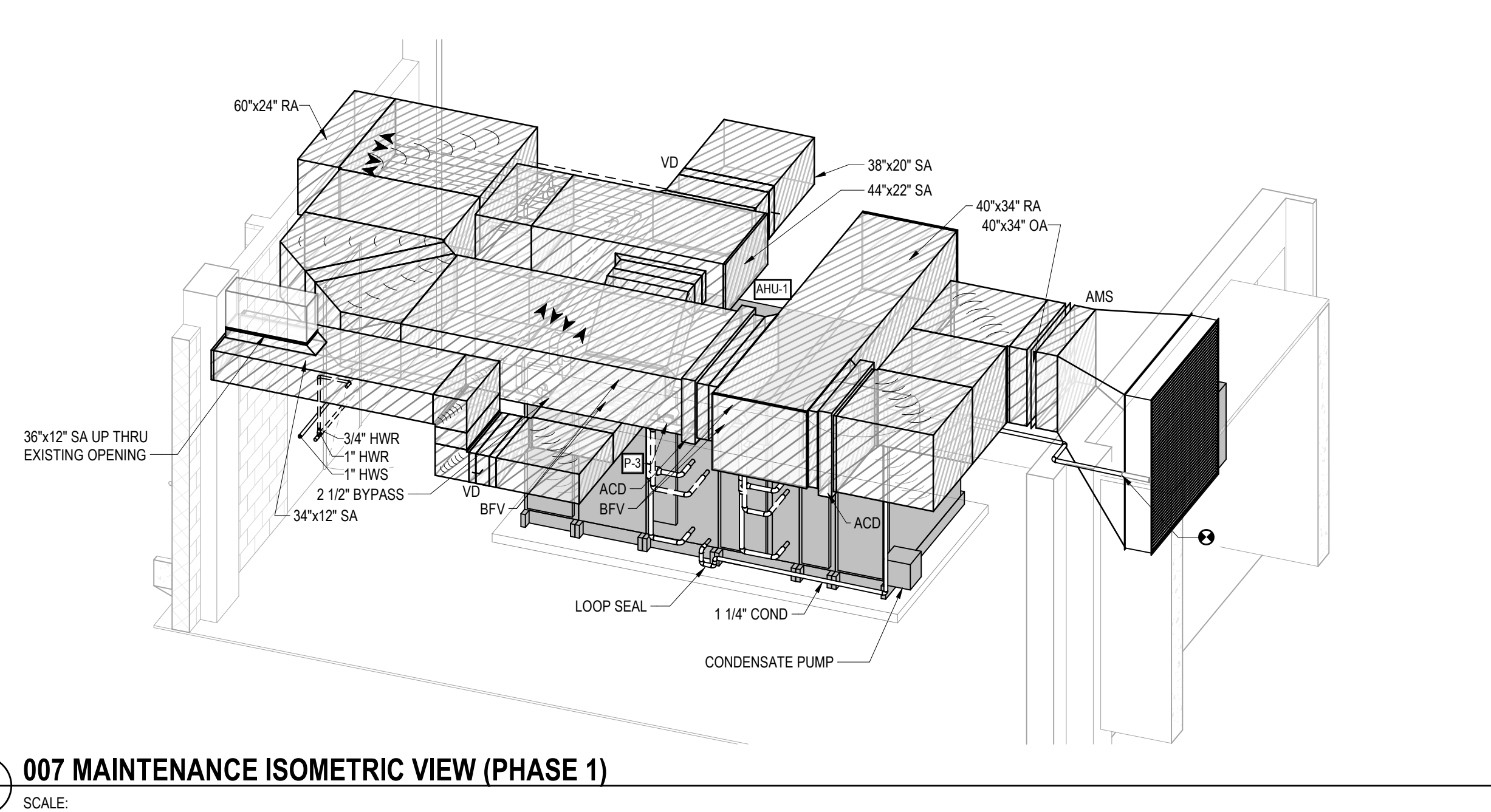
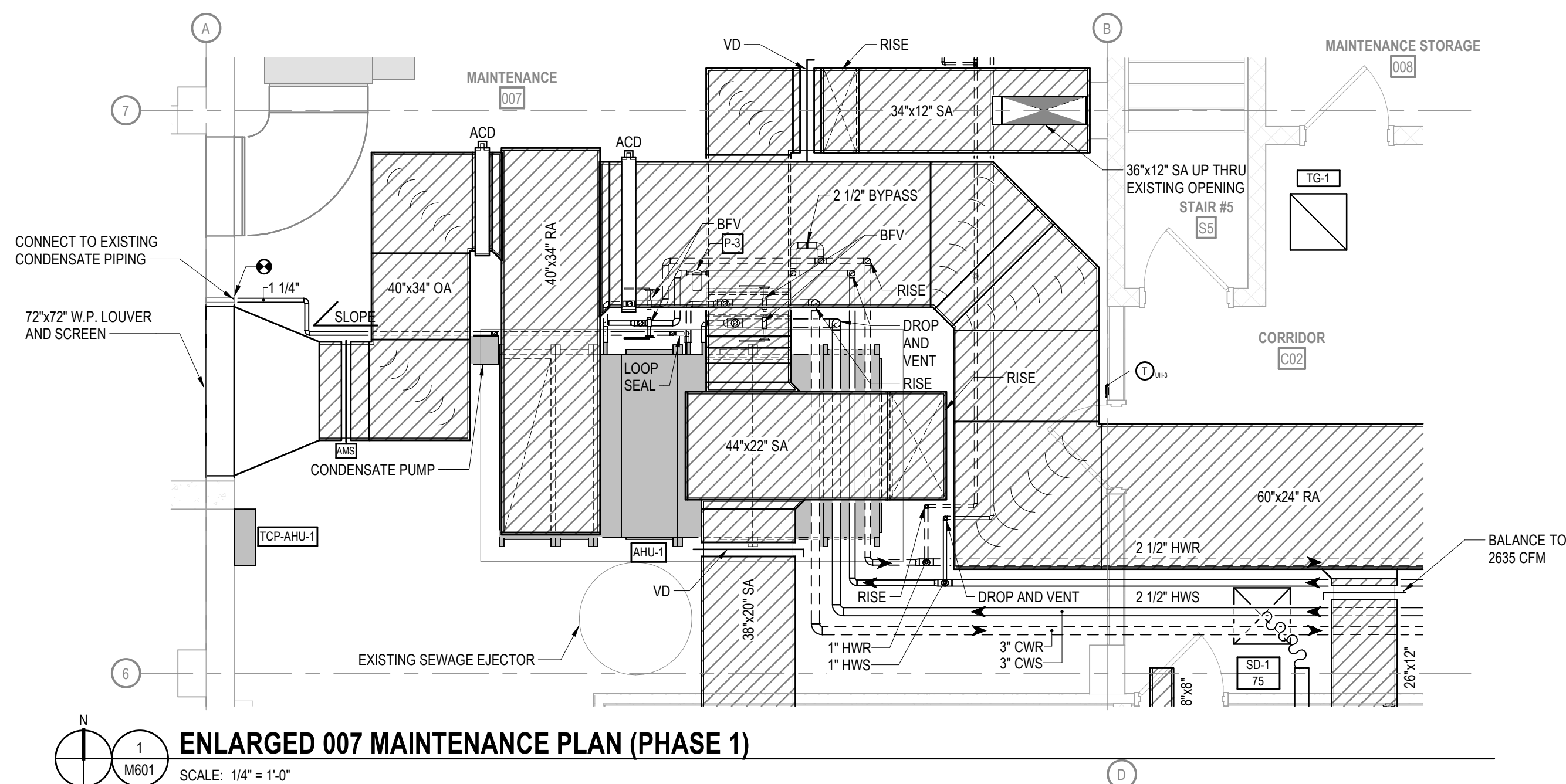
515 Oak St
Baraboo, WI 53913

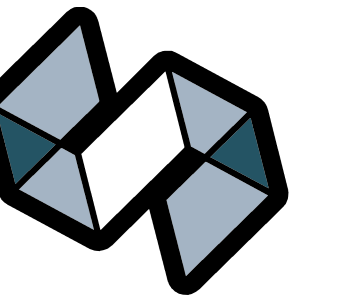
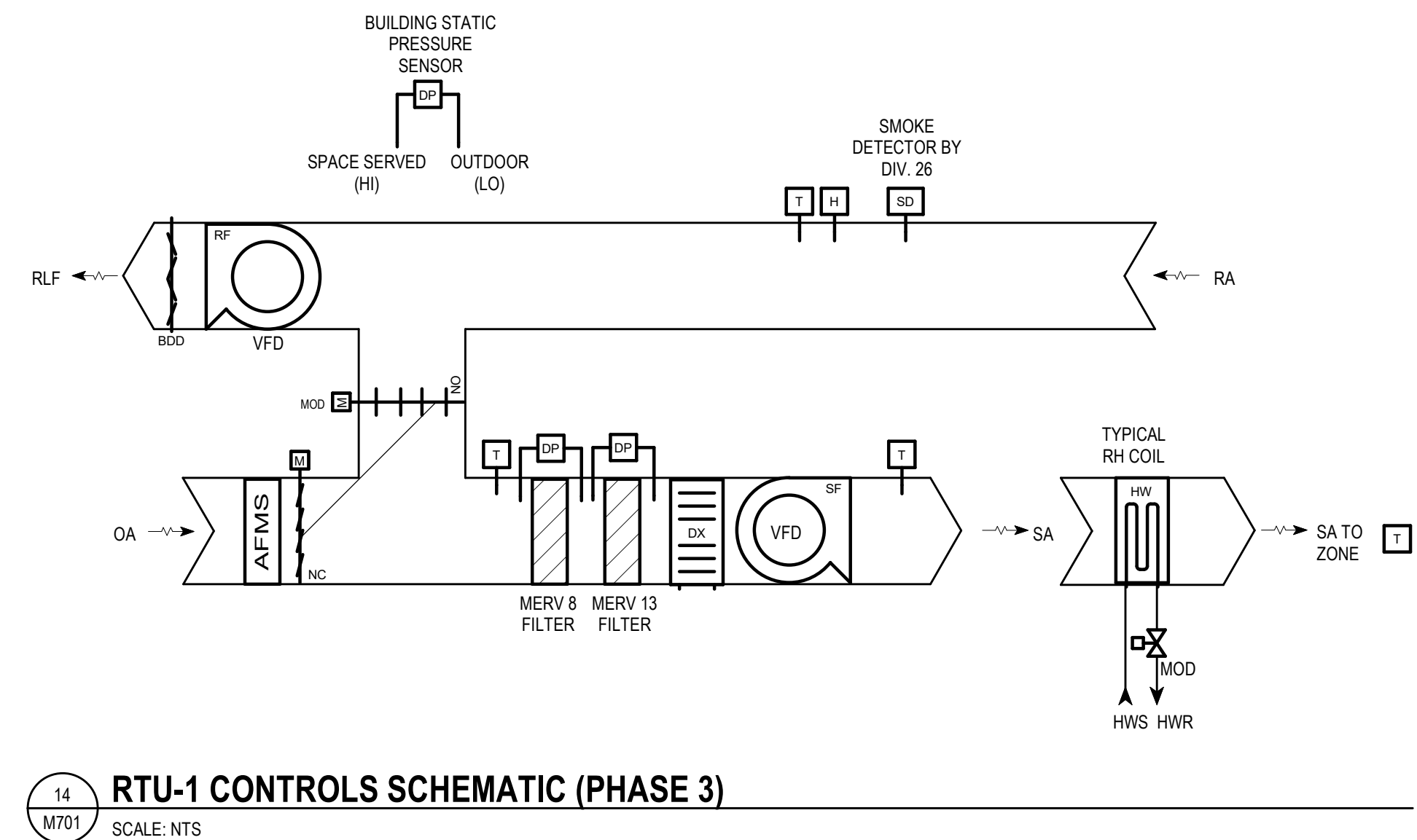
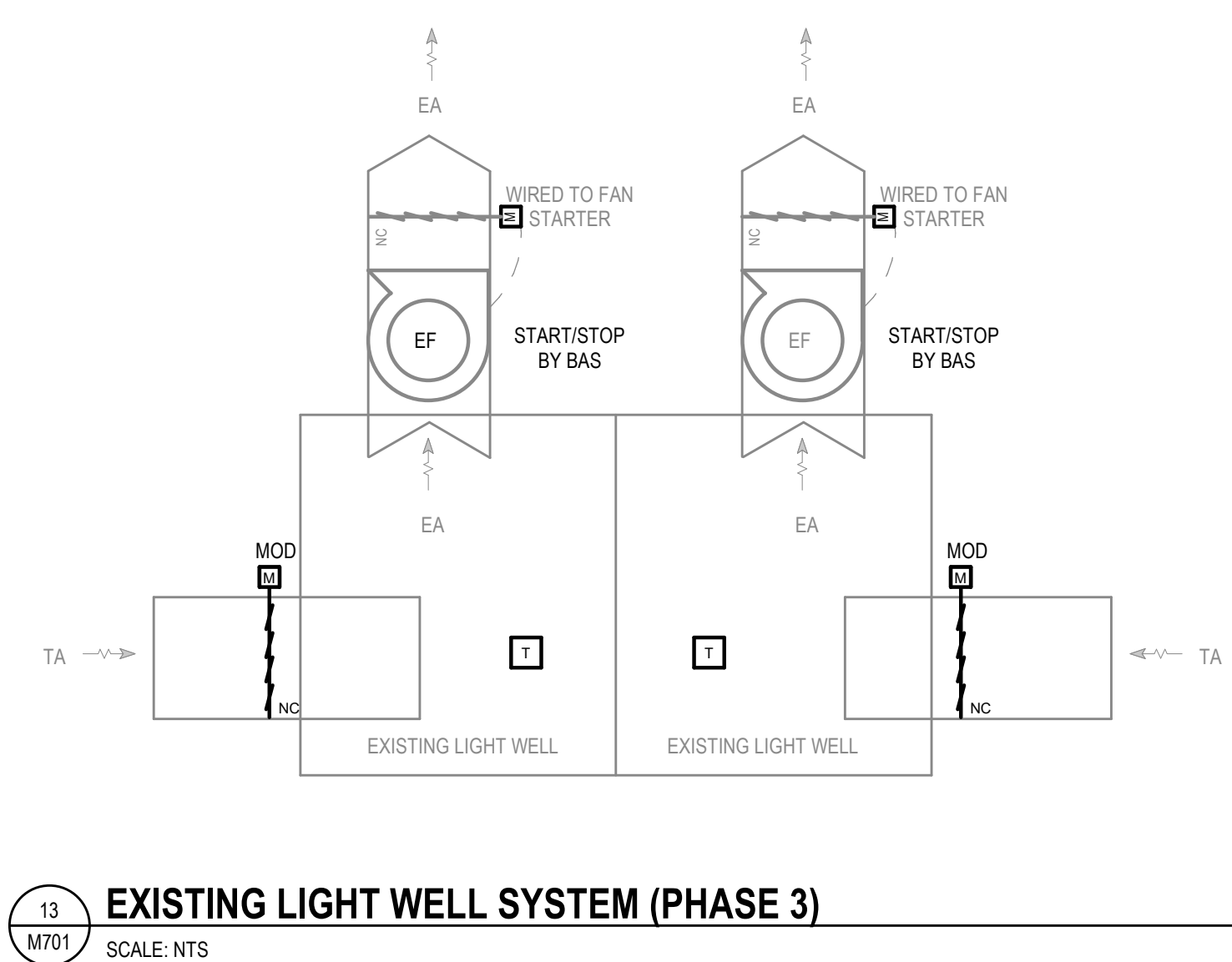
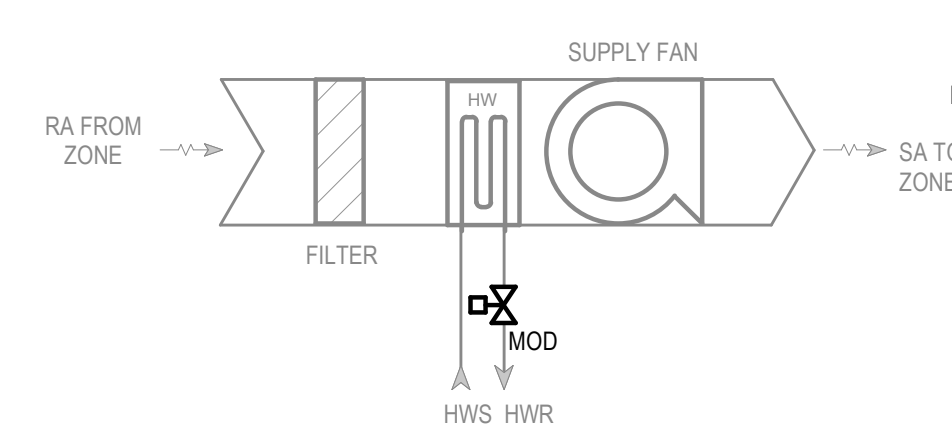
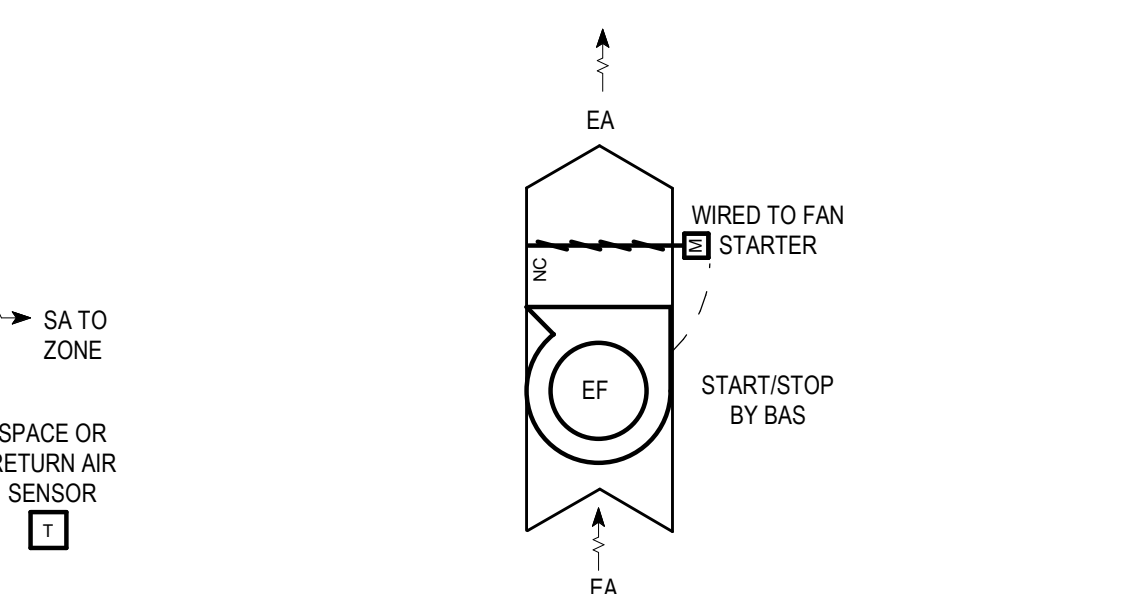
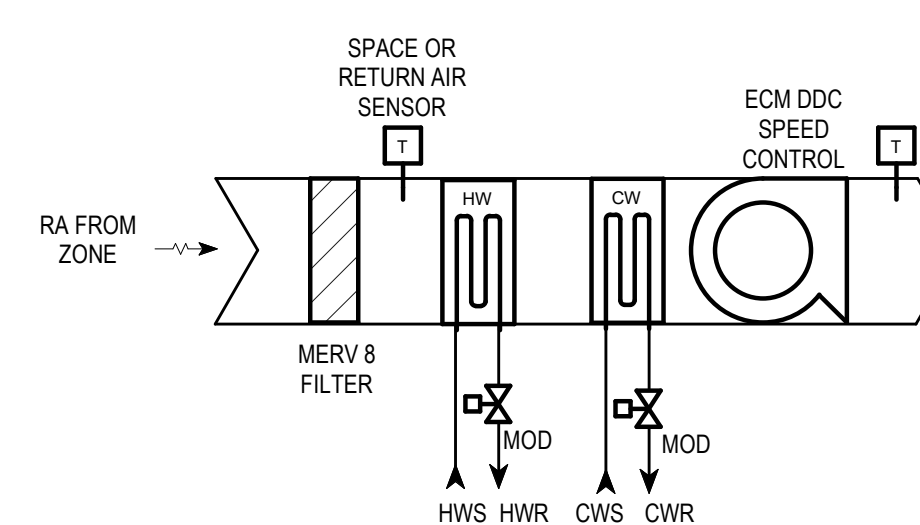
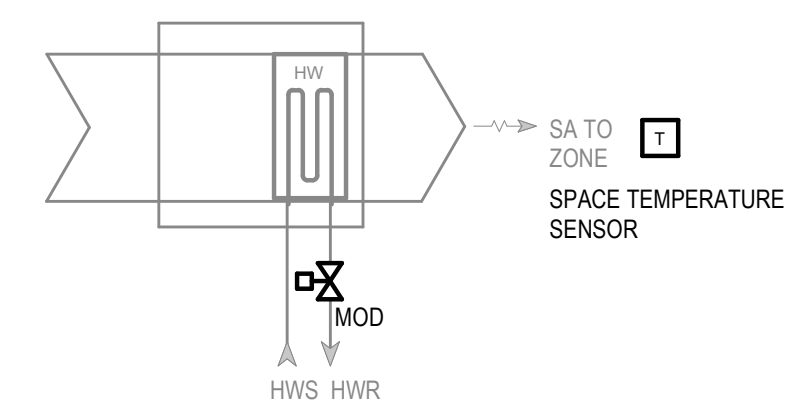
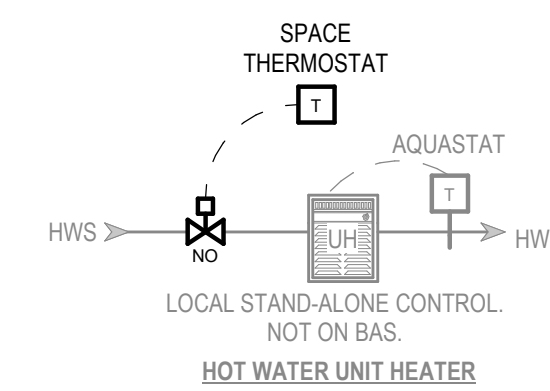
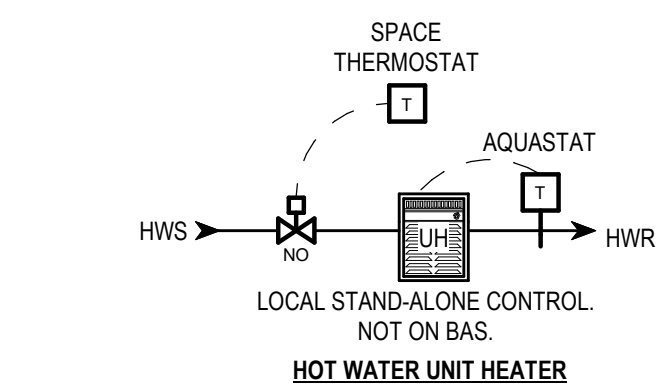
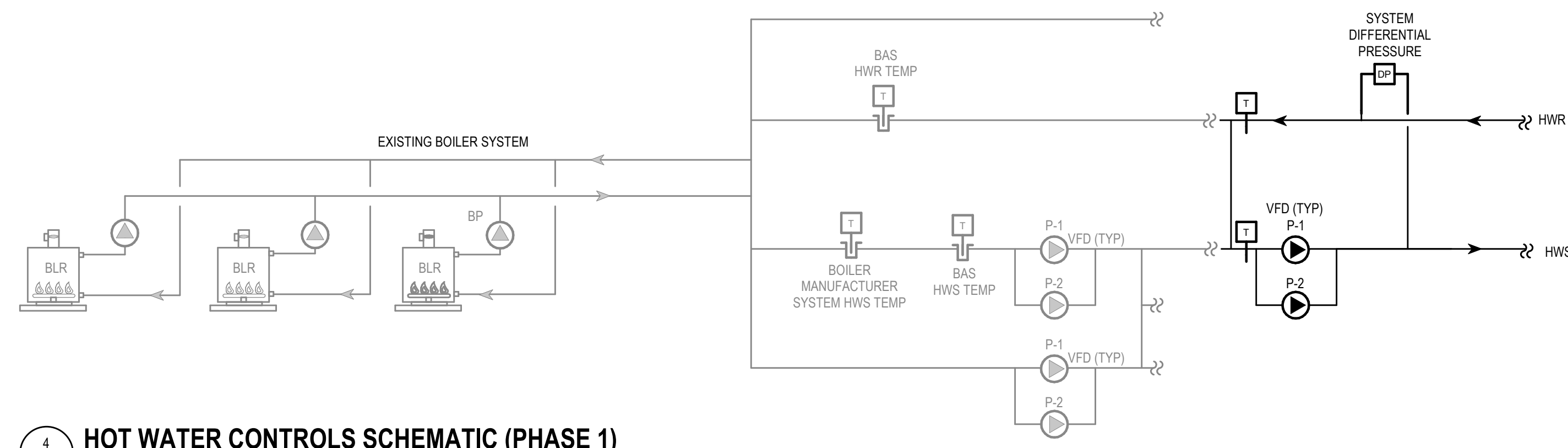
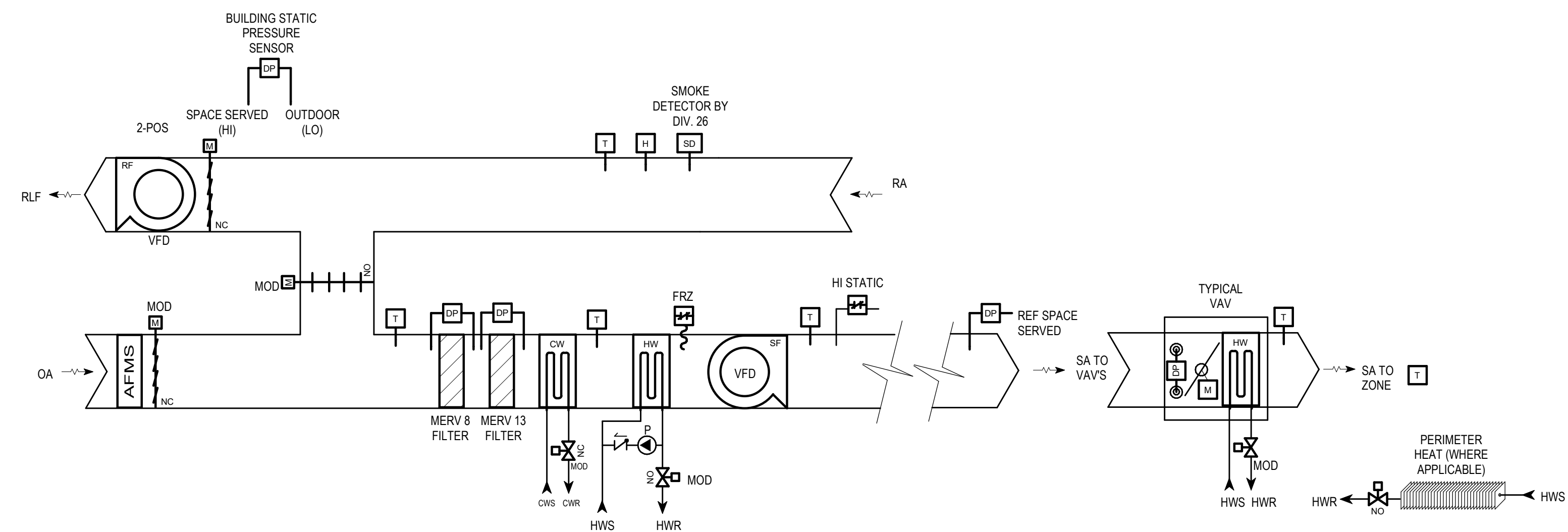
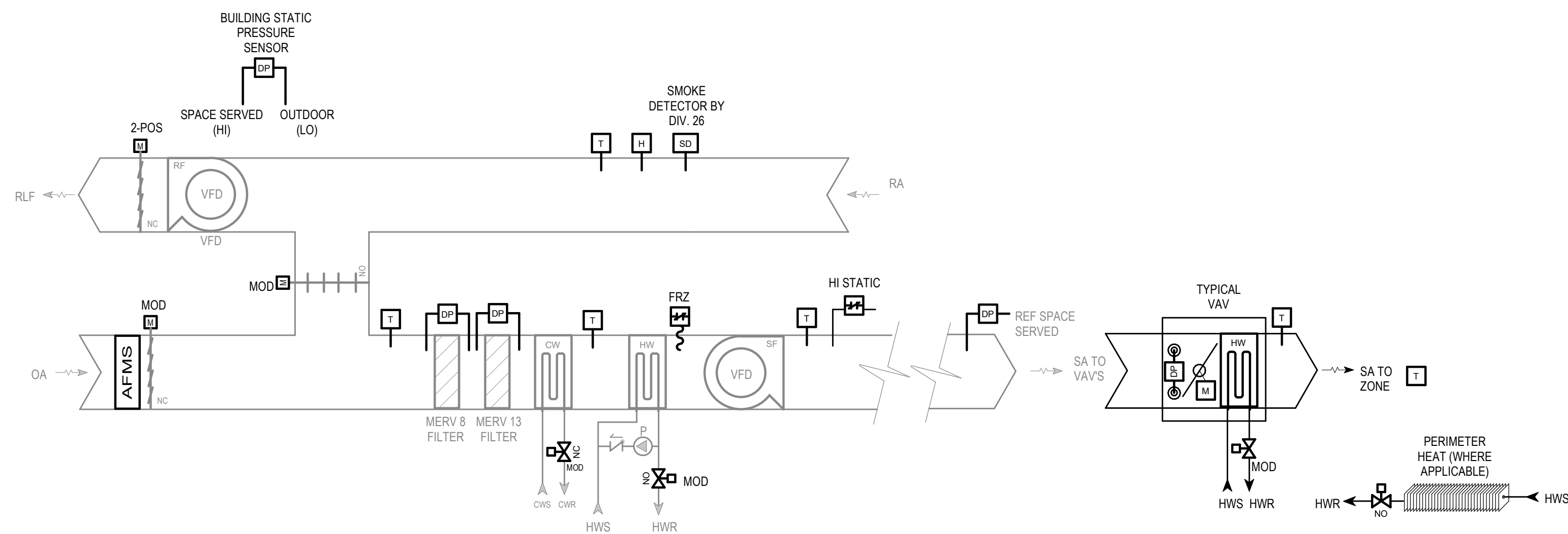
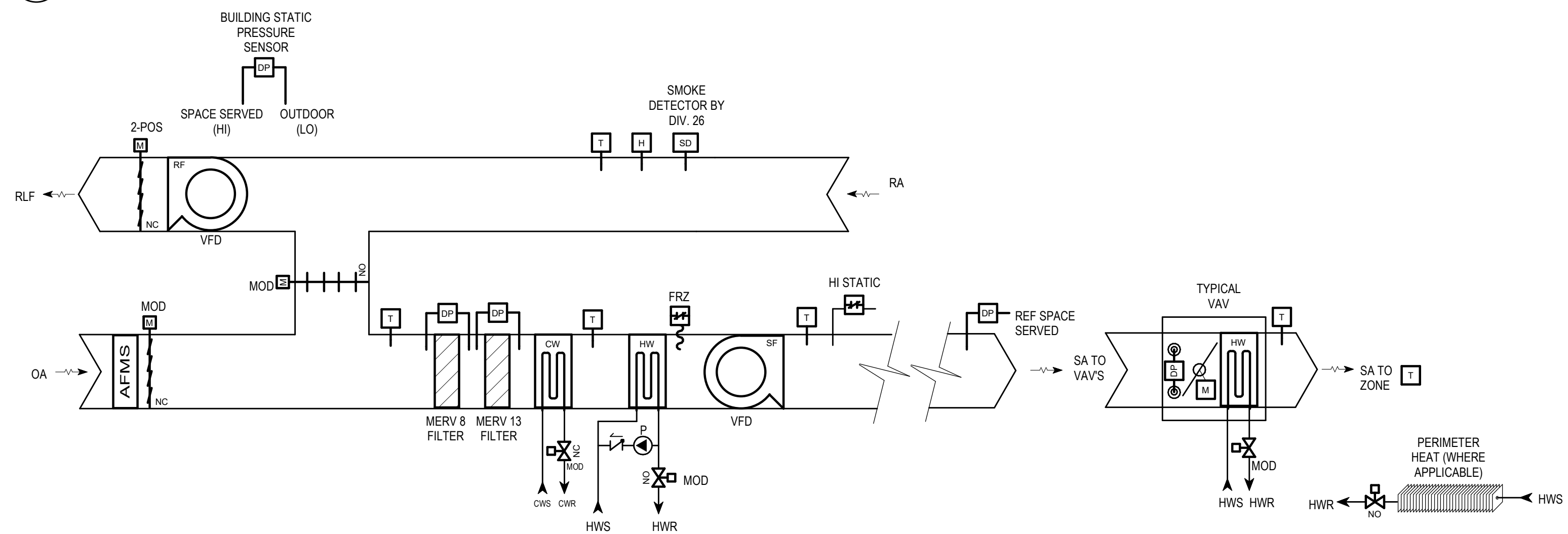
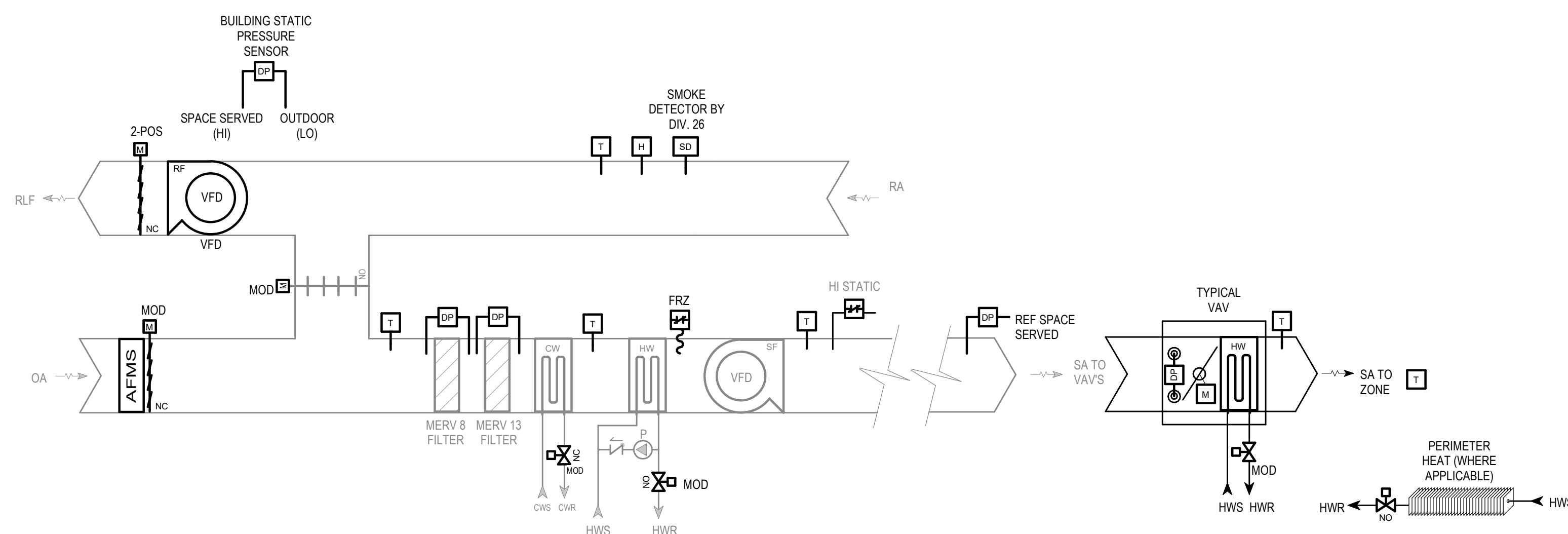
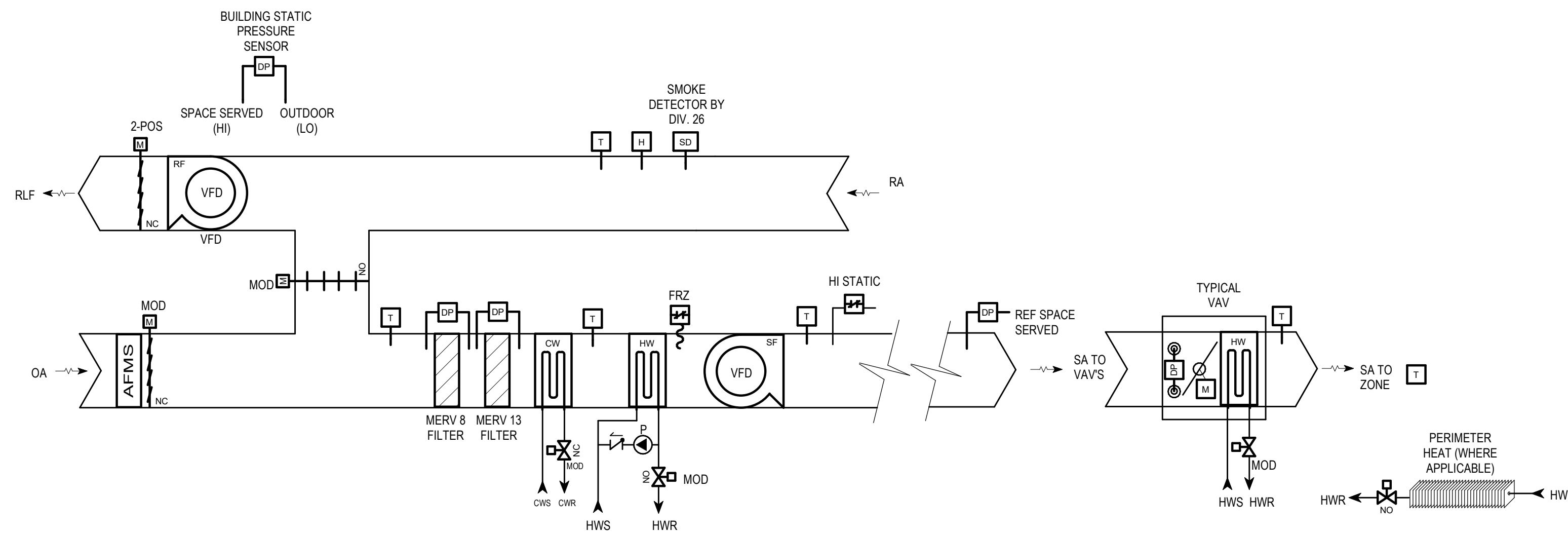
SHEET NAME

ENLARGED
MECHANICAL PLANS

SHEET NO.

M601





ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

CONSTRUCTION DOCUMENTS

**ISSUED FOR
CONSTRUCTION**

REVISIONS		
No.	DESCRIPTION	DATE

COPYRIGHT STRANG, INC.	2026
DRAWING SET	CD
DATE	08/31/2026
PROJECT NO.	2025012

PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

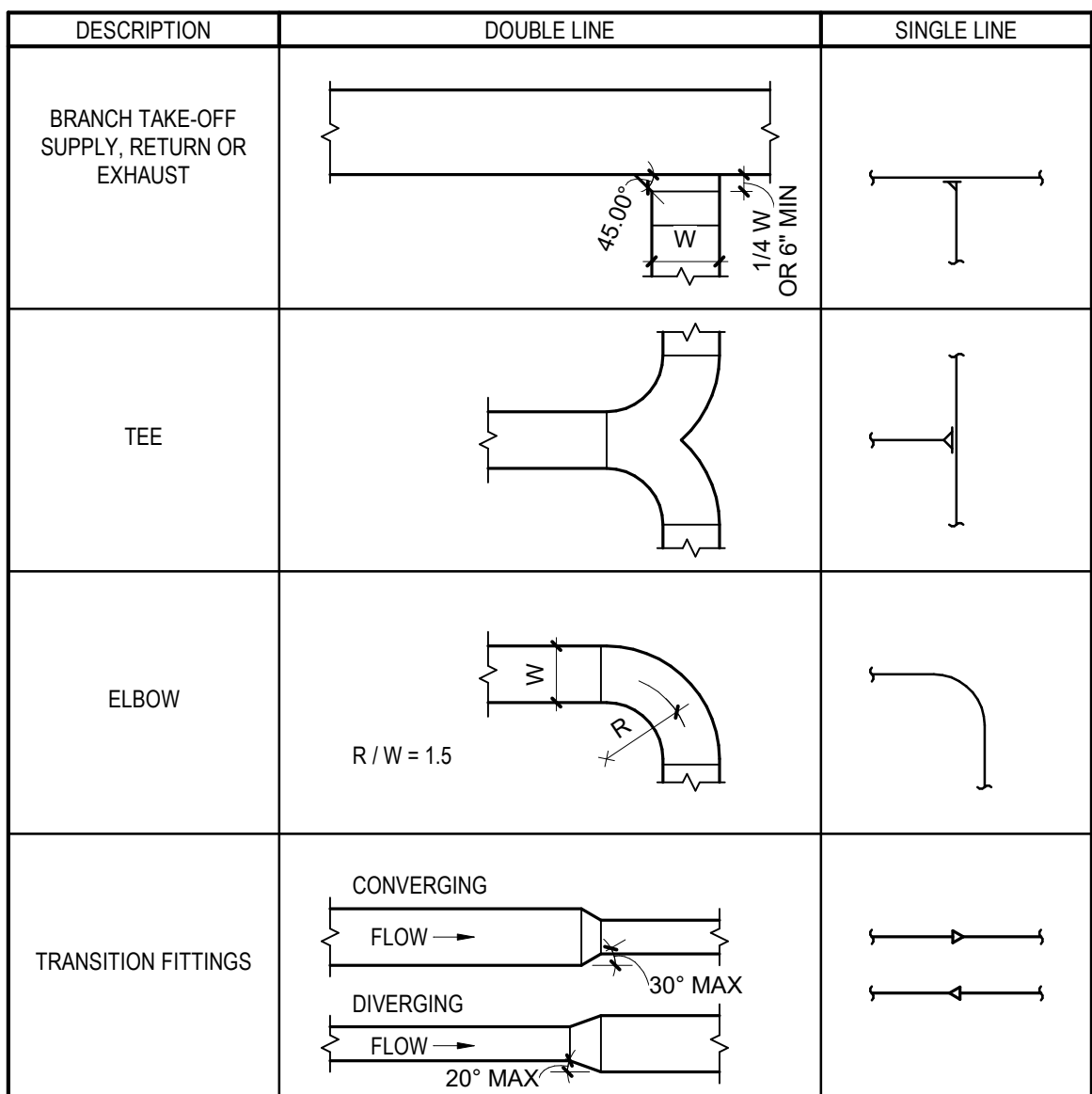
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Baraboo, WI 53913

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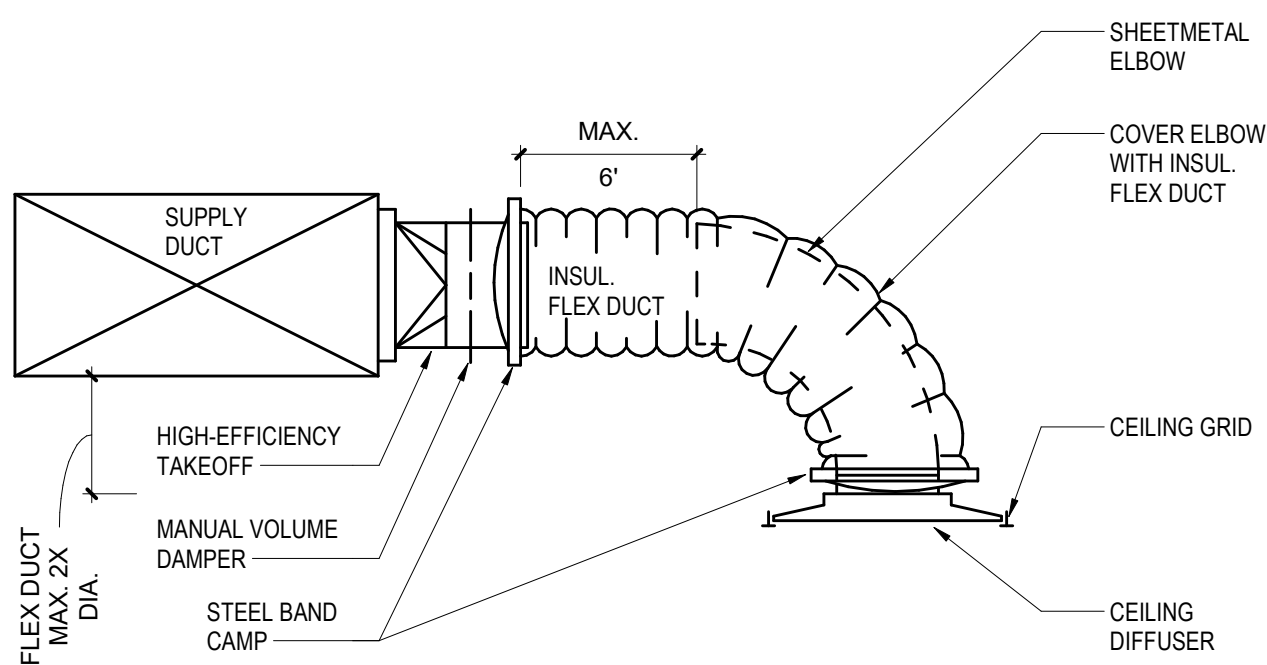
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CONTROL DIAGRAMS

SHEET NO.

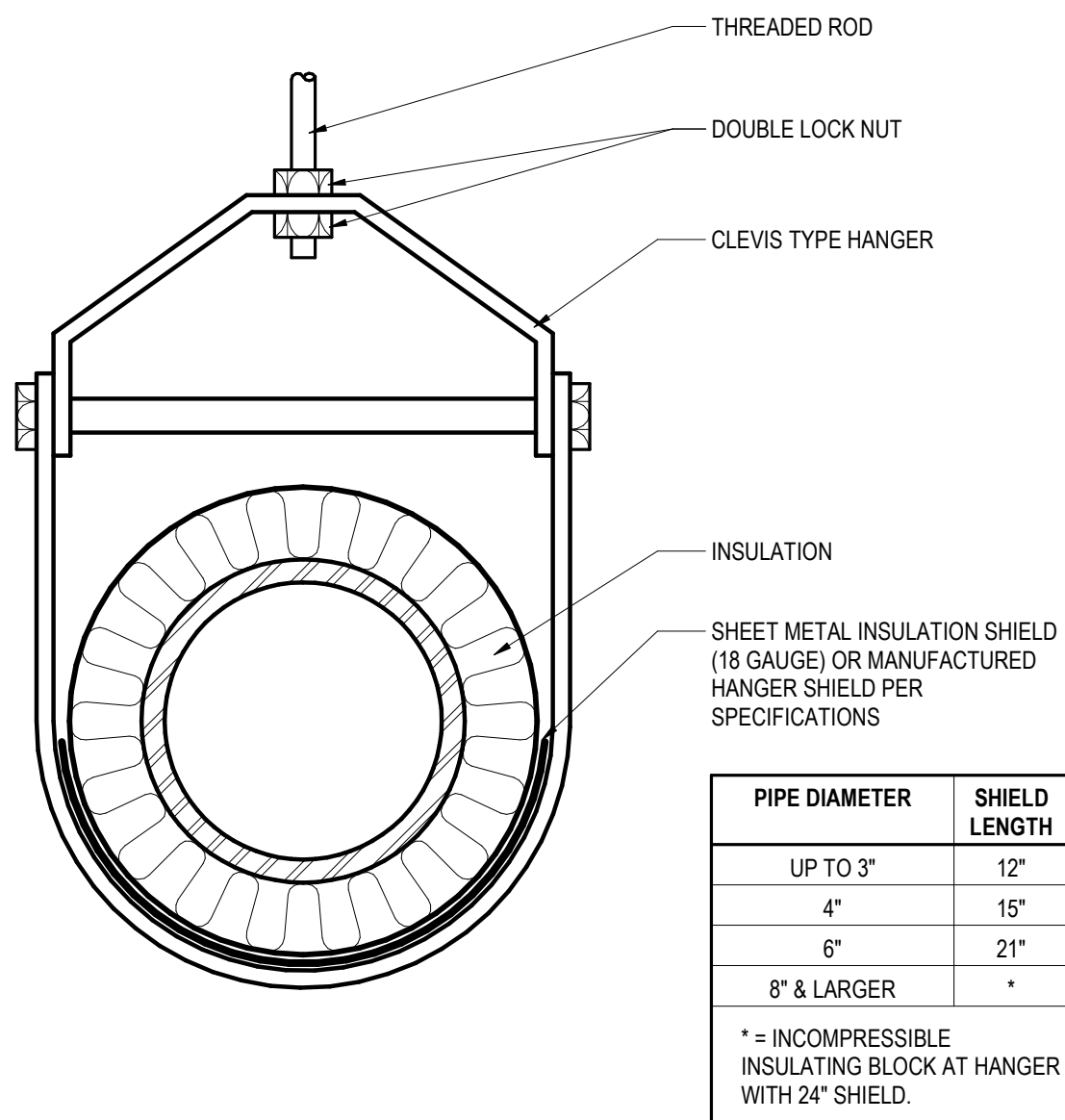
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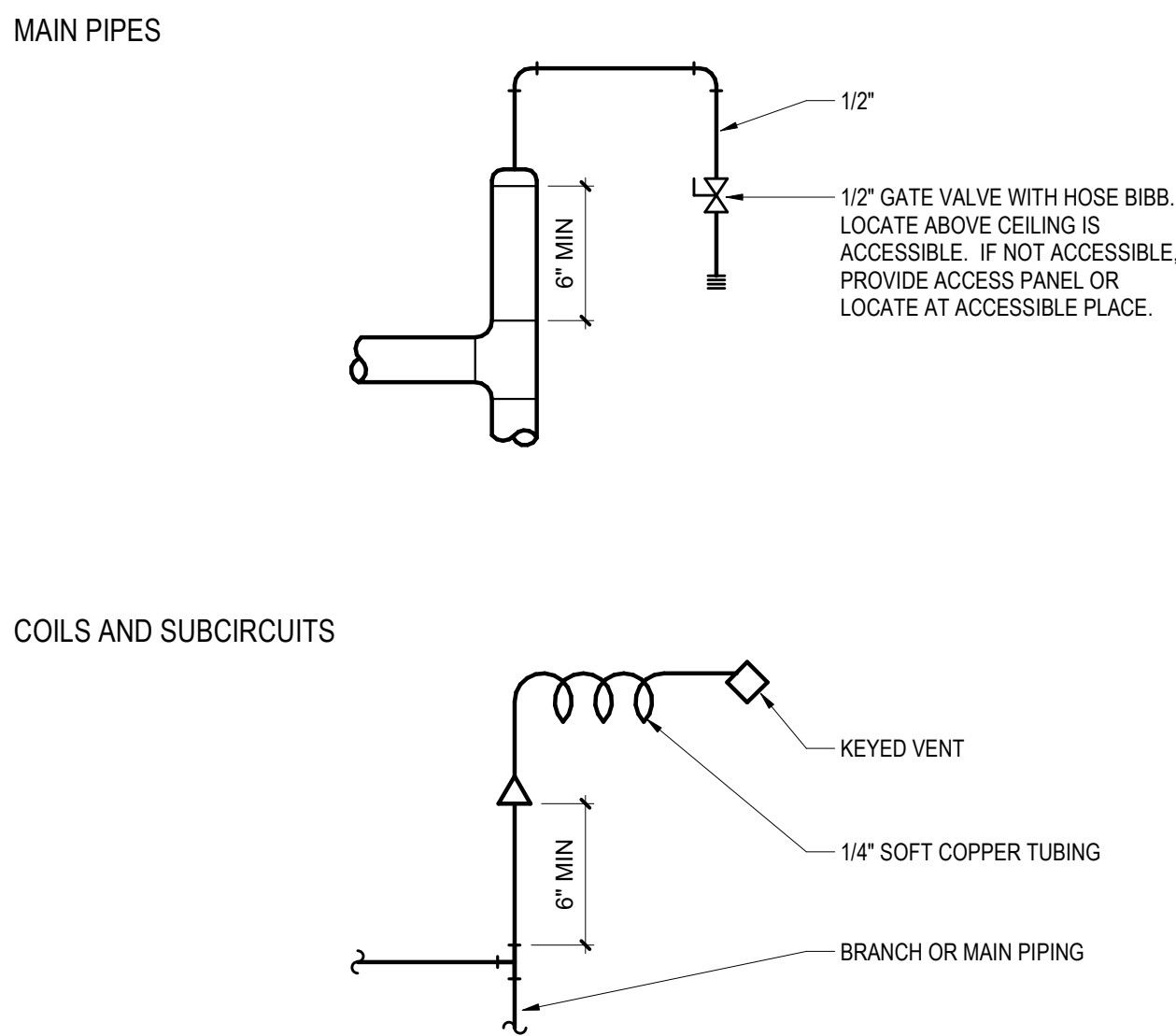
1 DUCT FITTINGS
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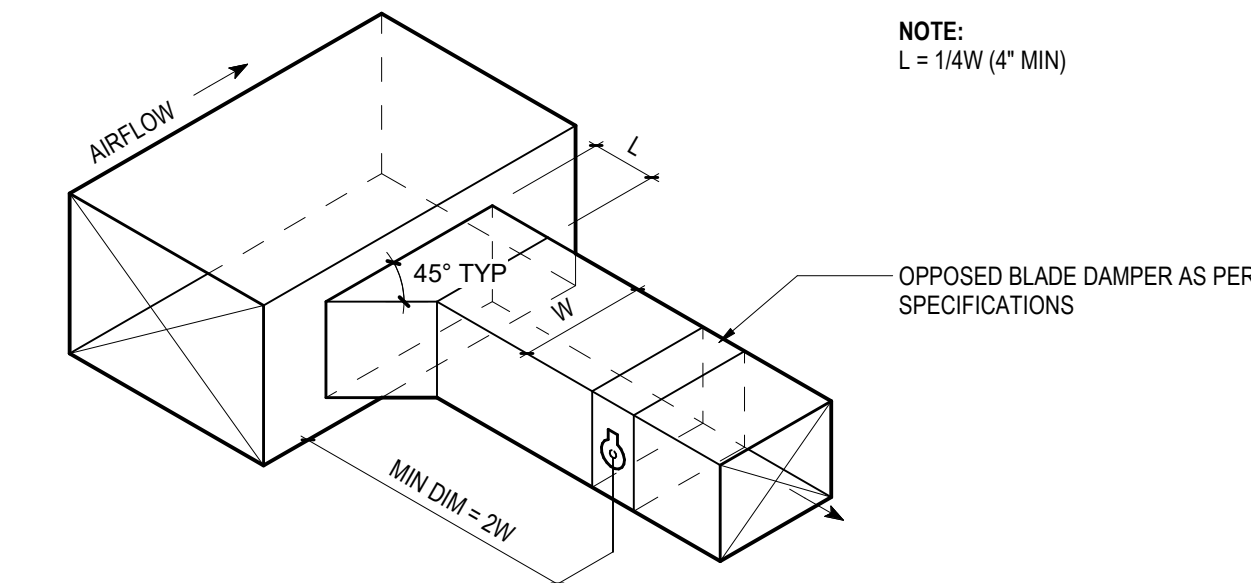
6 DIFFUSER DETAIL
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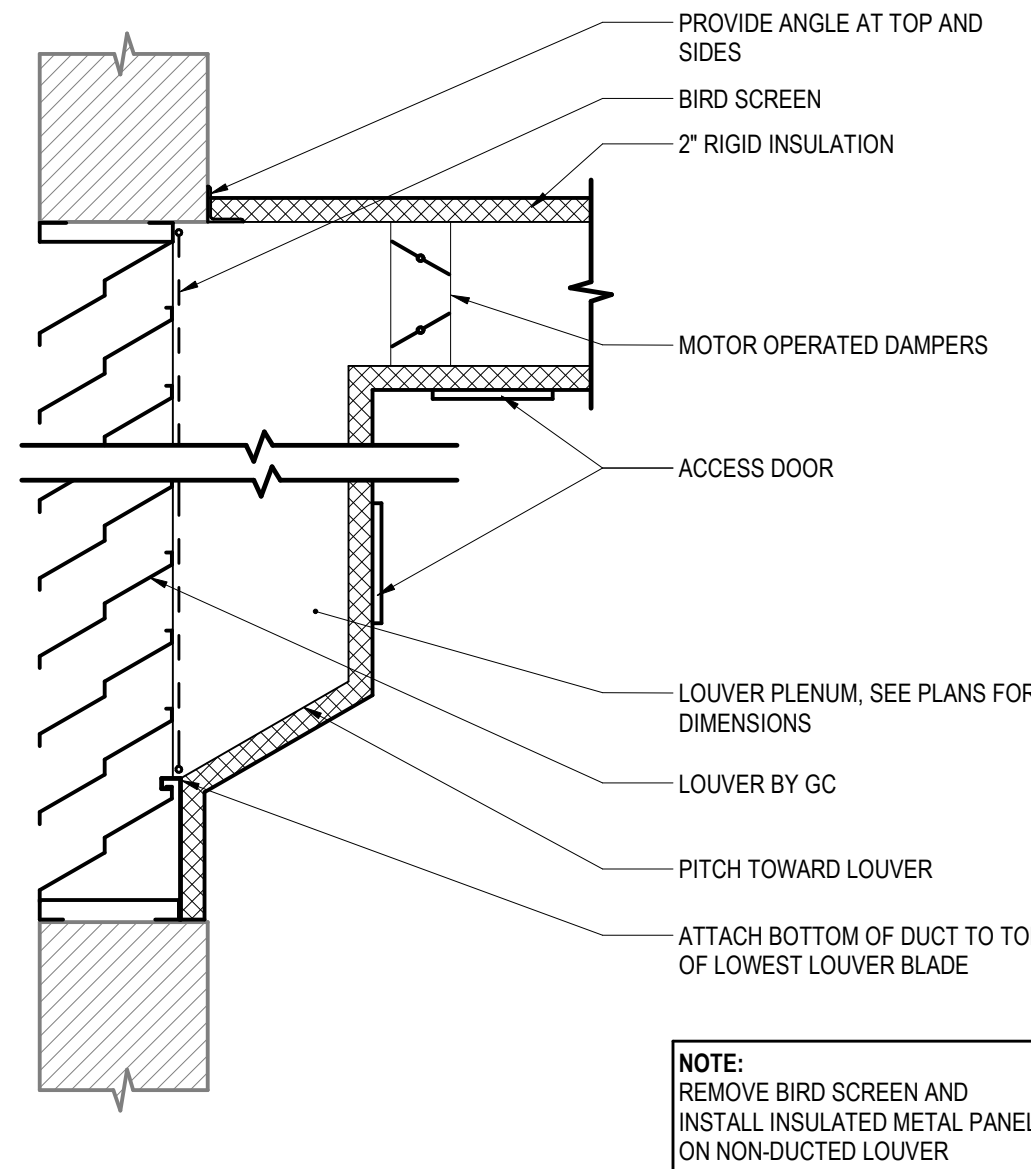
11 INSULATED PIPE SUPPORT
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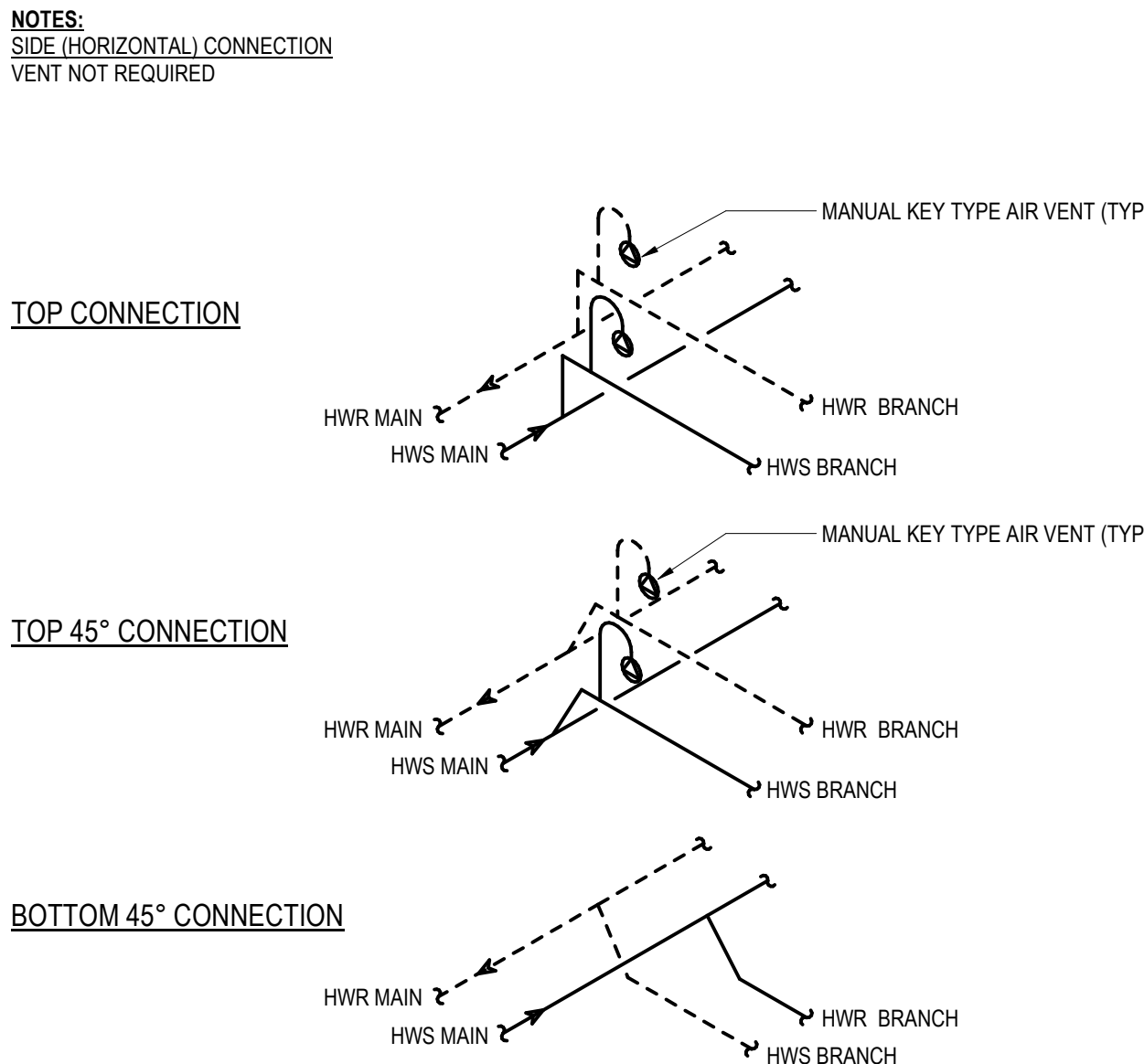
16 AIR VENT PIPING
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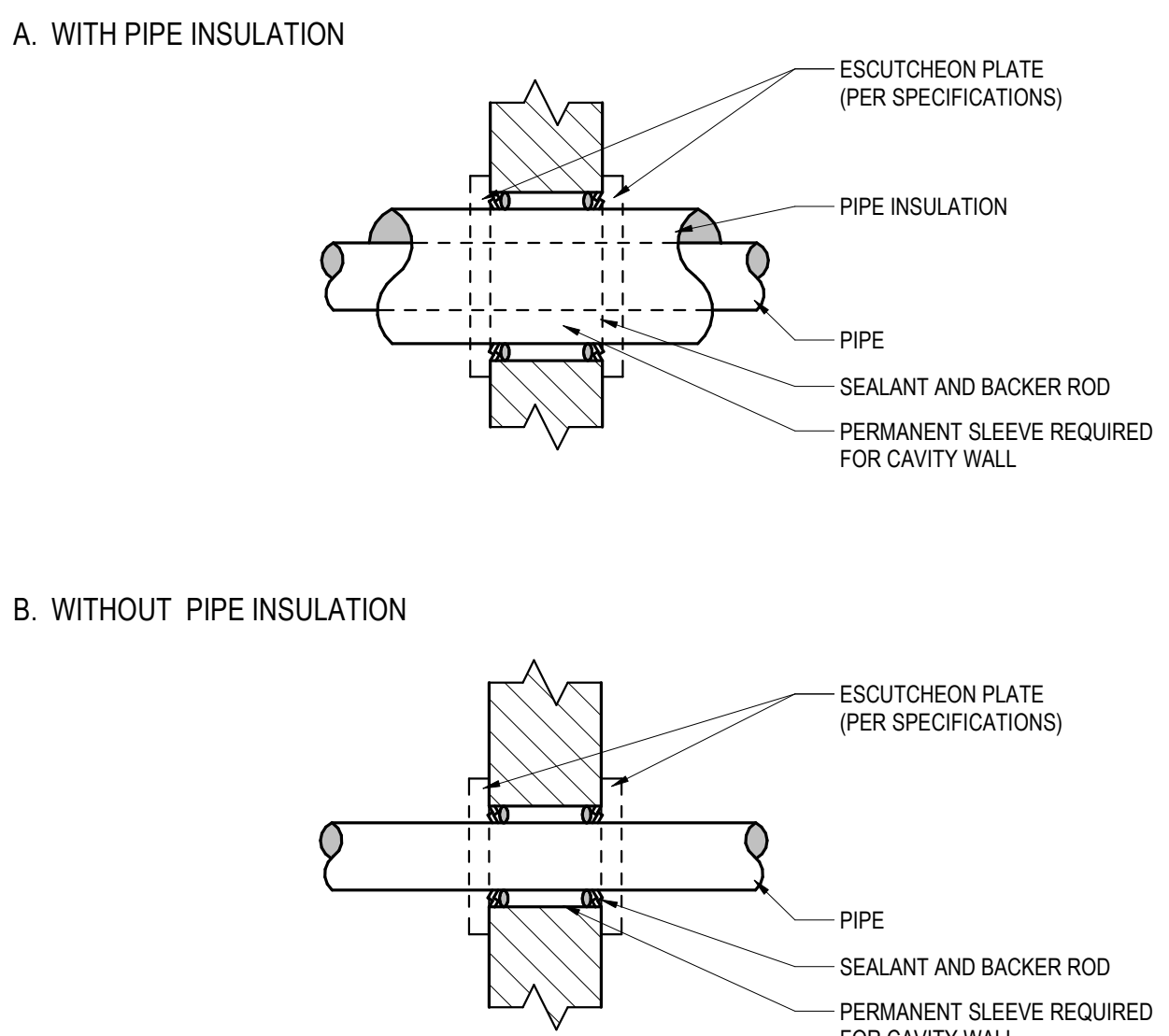
2 BRANCH DUCT TAKE-OFF AND DAMPER
SCALE: NTS



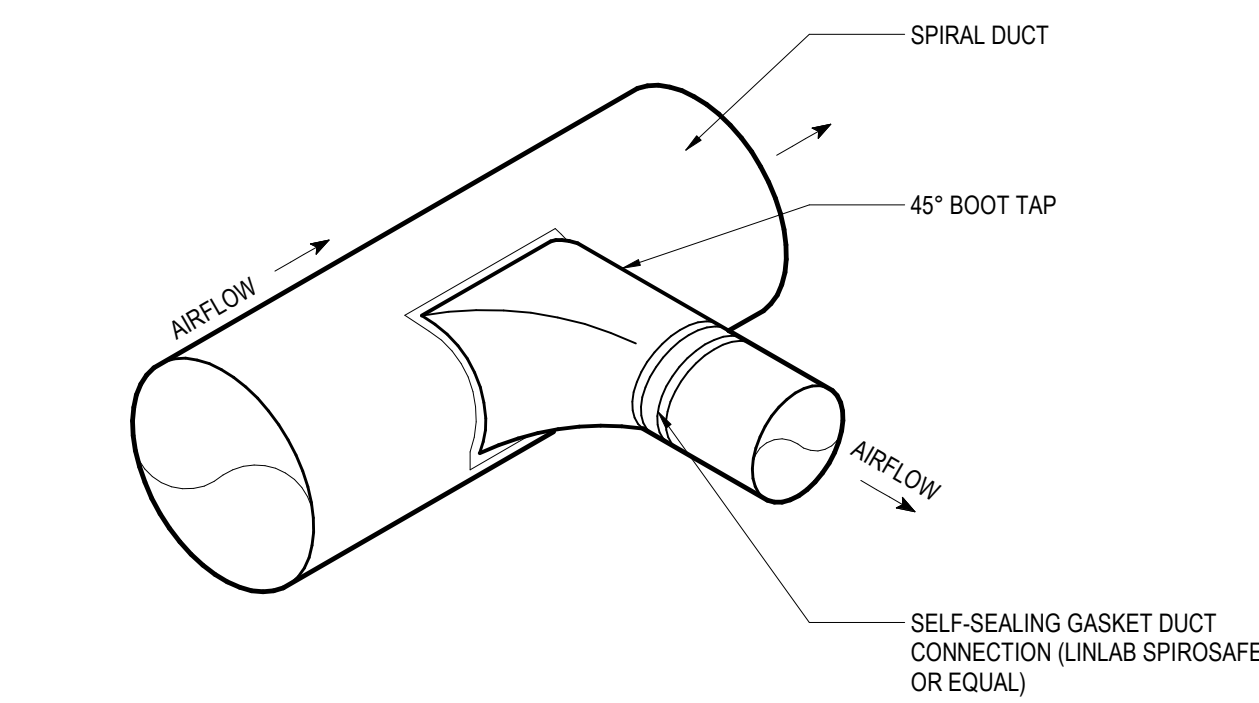
7 DUCT CONNECTION TO LOUVER
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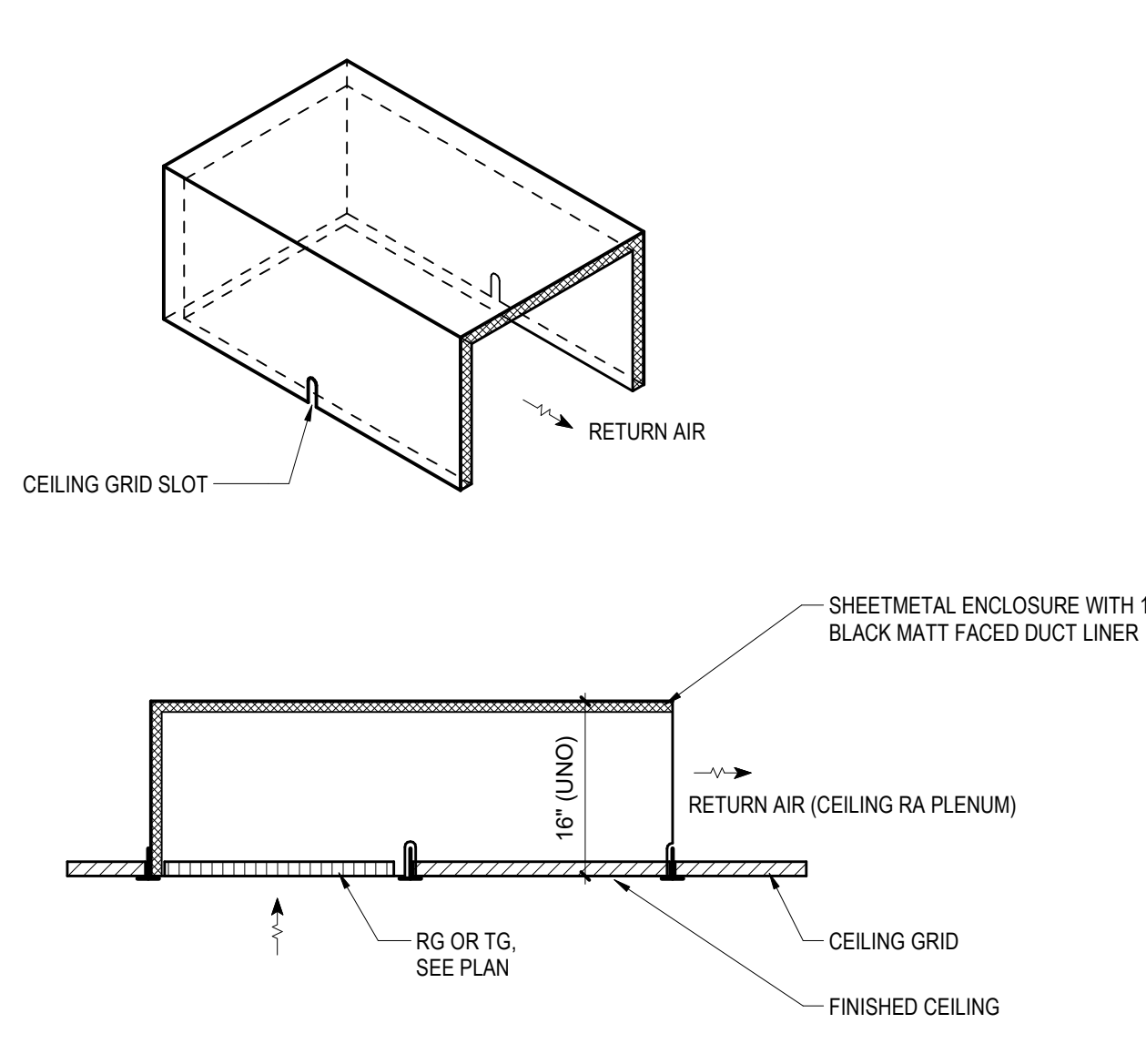
12 HYDRONIC BRANCH PIPING TO MAIN
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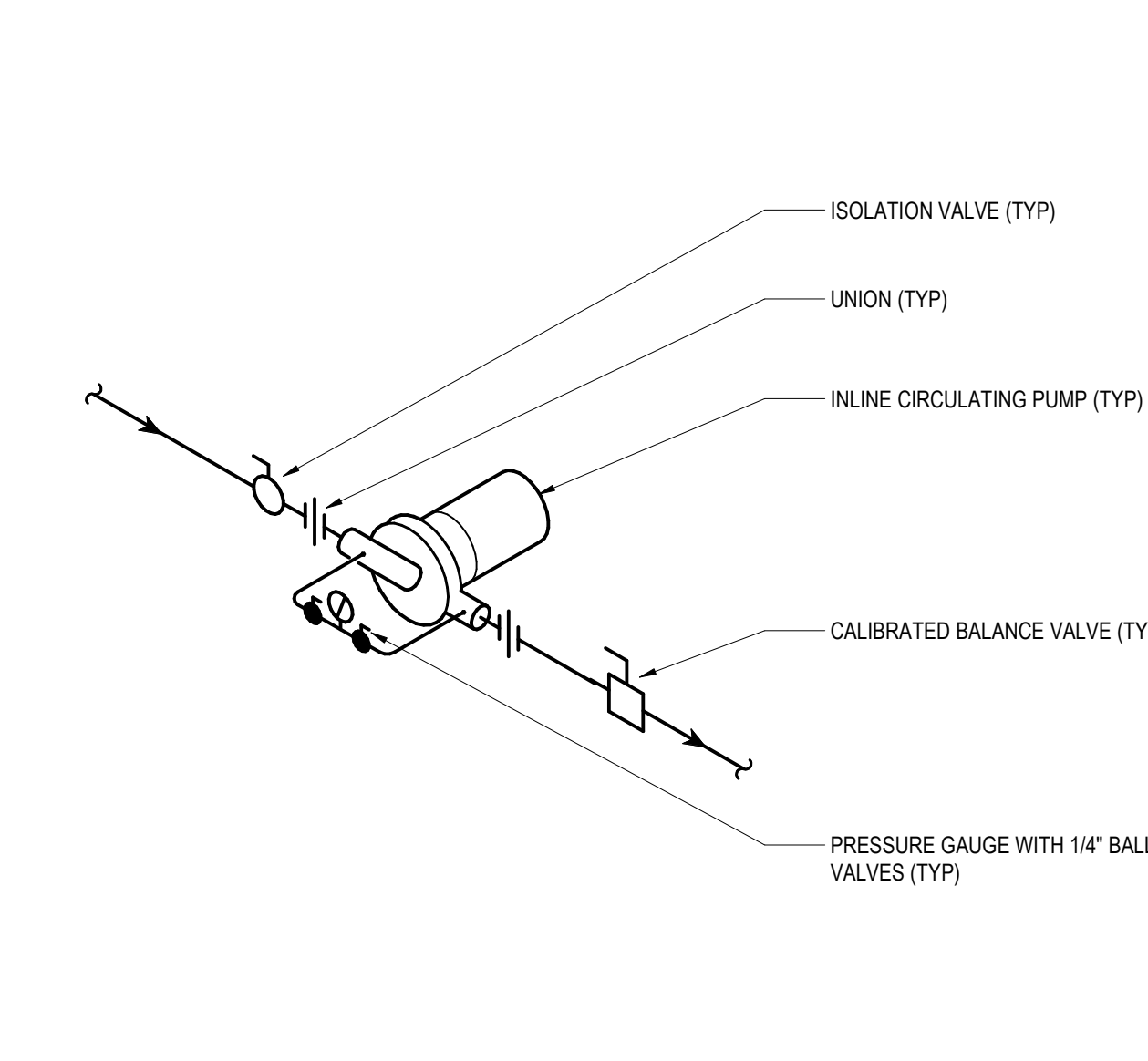
17 PIPE PENETRATION THRU NON-RATED WALL
SCALE: NTS



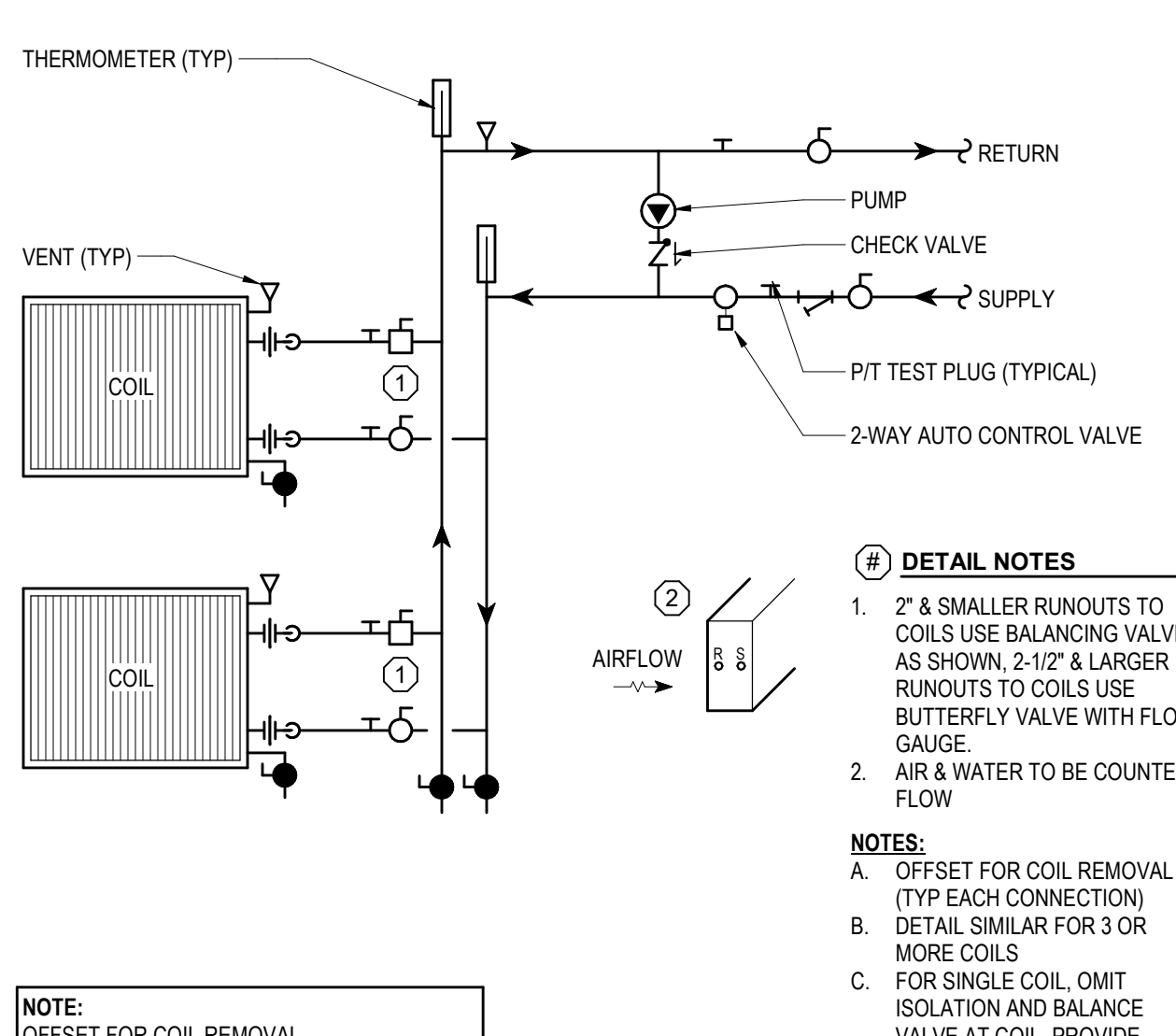
3 SPIRAL DUCT TEE TAP DETAIL
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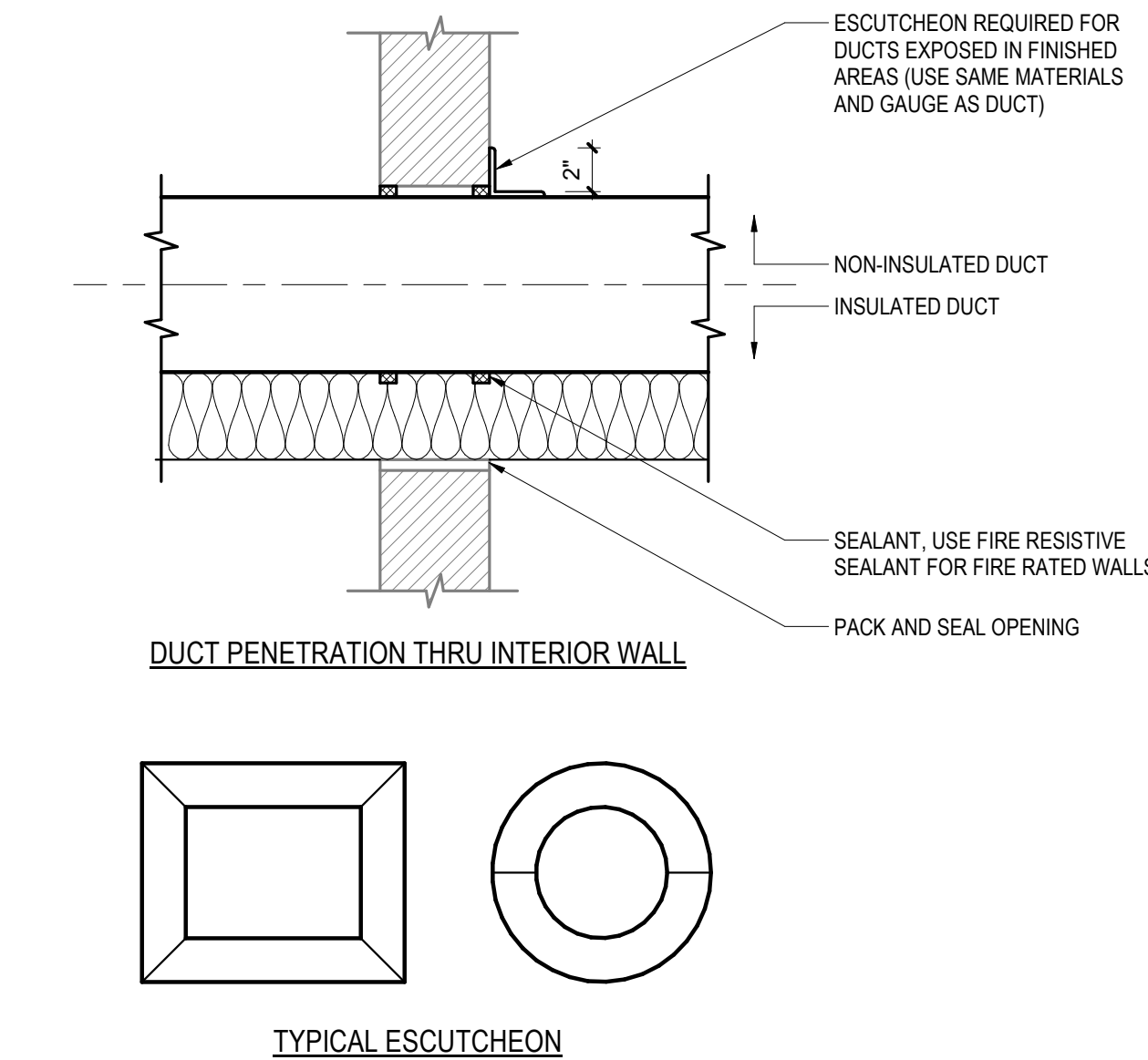
8 RA SOUND BOOT
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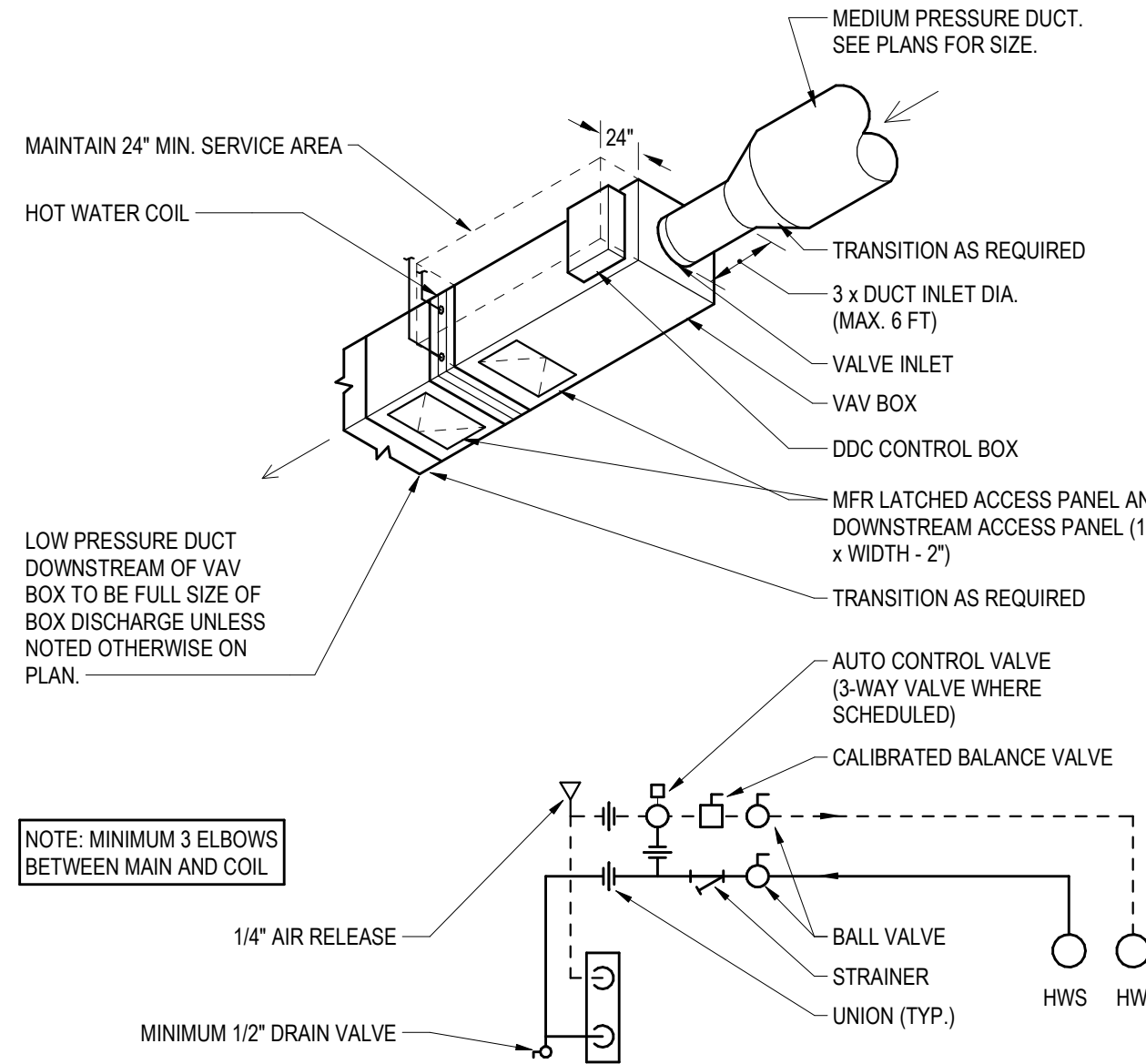
13 INLINE CIRC PUMP DETAIL
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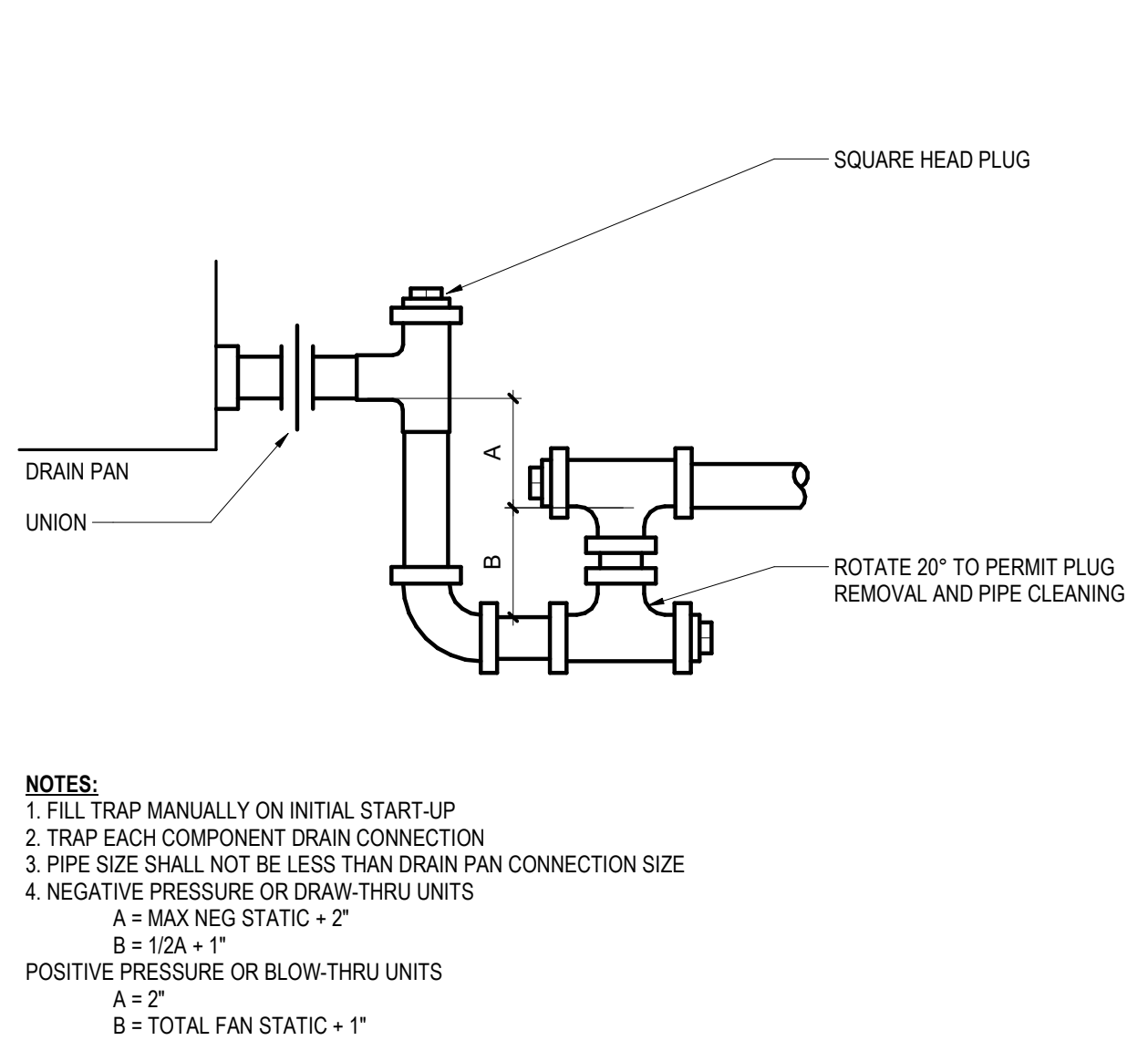
18 AHU WATER COIL PIPING WITH PUMPED COILS
SCALE: NTS



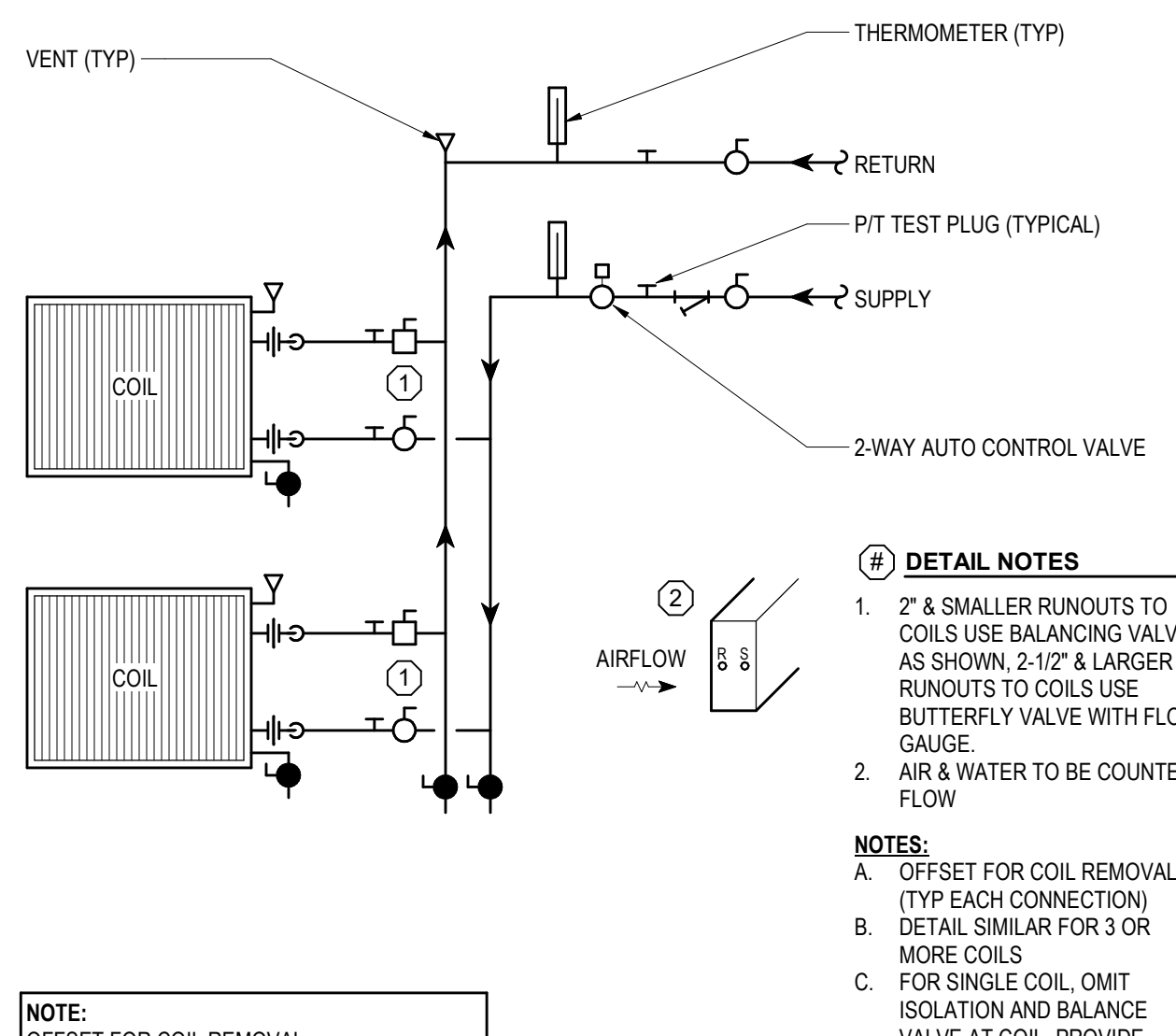
4 DUCT PENETRATION THRU INTERIOR WALL
SCALE: NTS



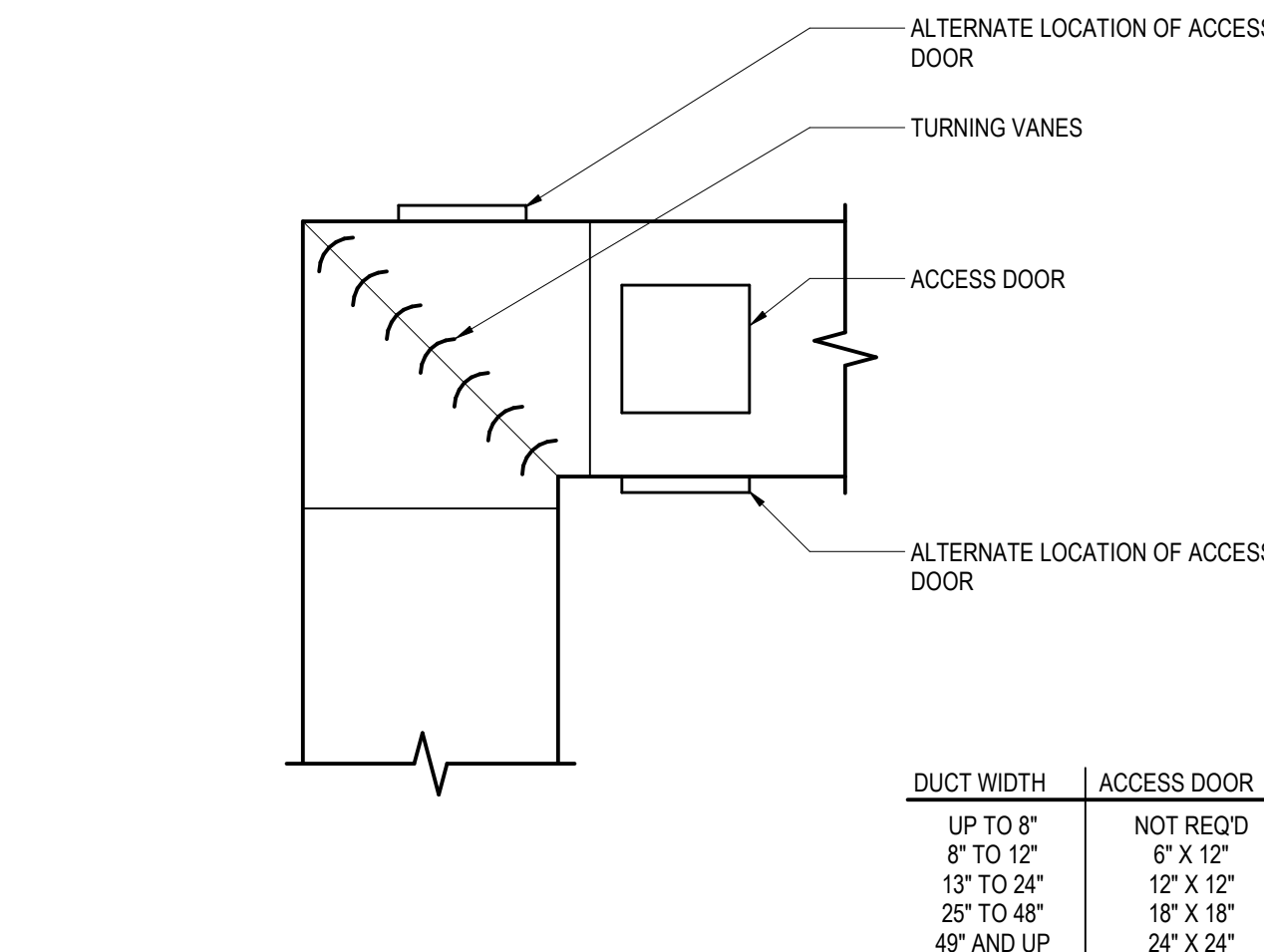
9 VAV WITH HOT WATER REHEAT INSTALLATION
SCALE: NTS



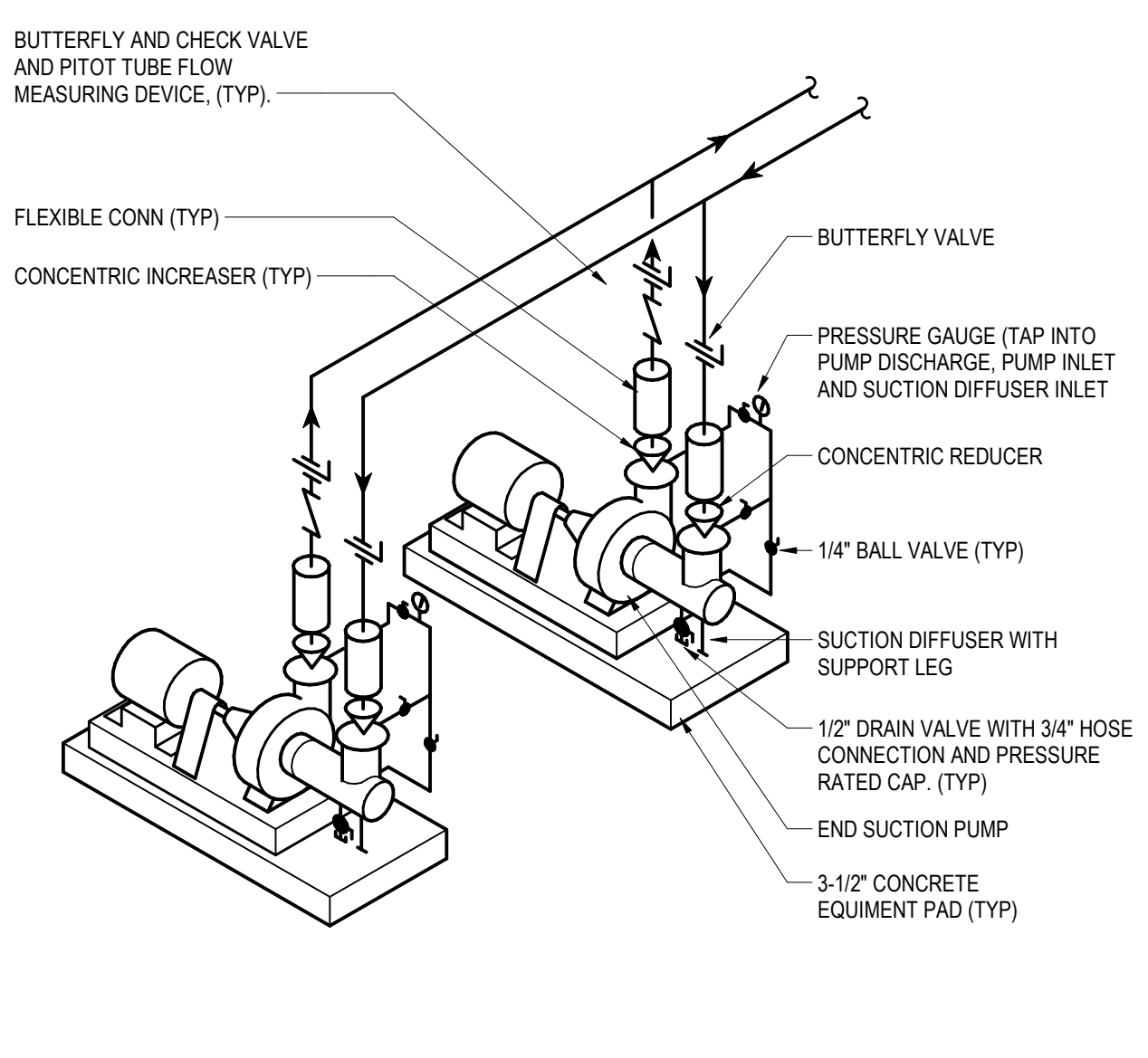
14 CONDENSATE DRAIN TRAP PIPING
SCALE: NTS



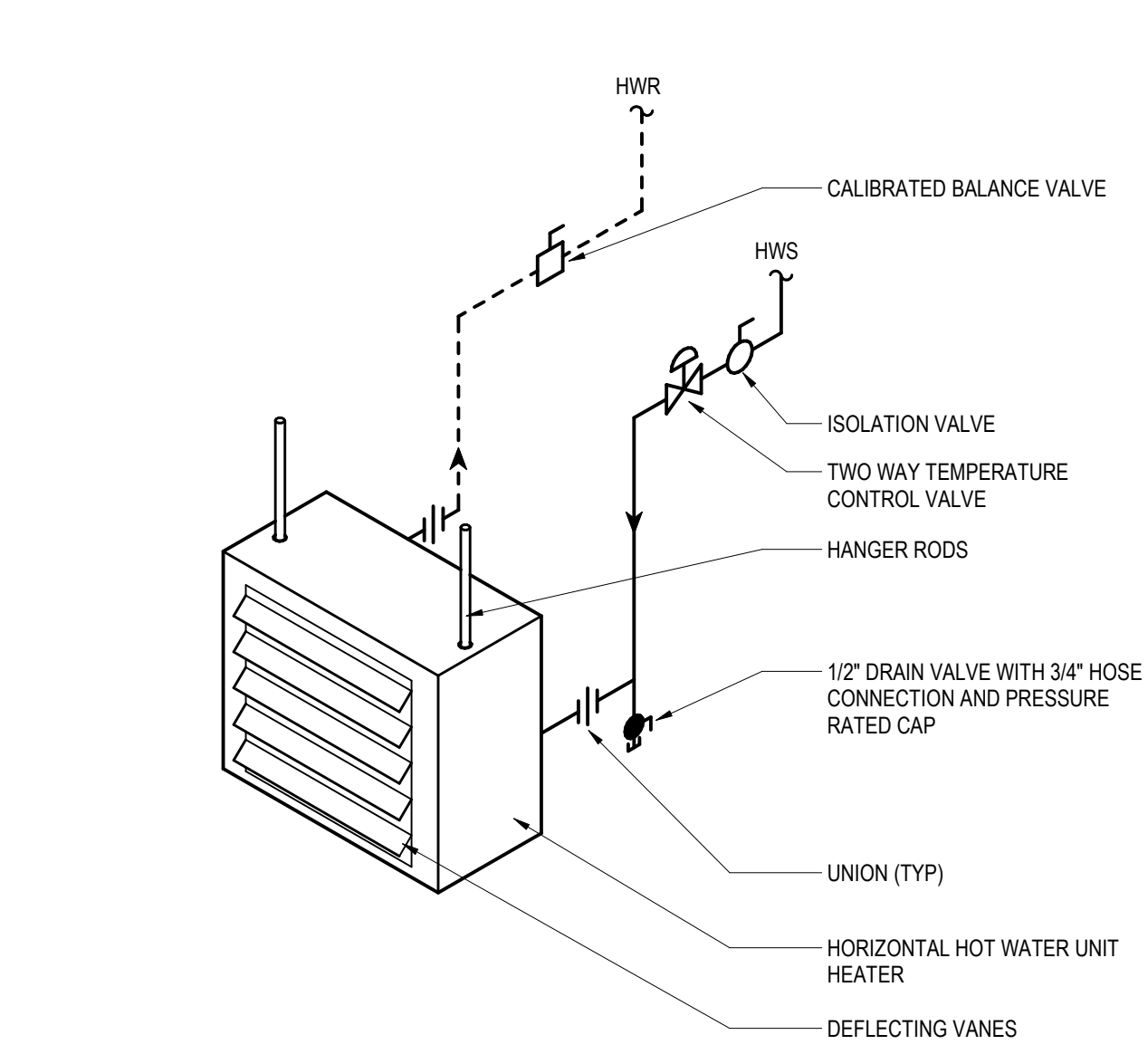
19 AHU WATER COIL PIPING
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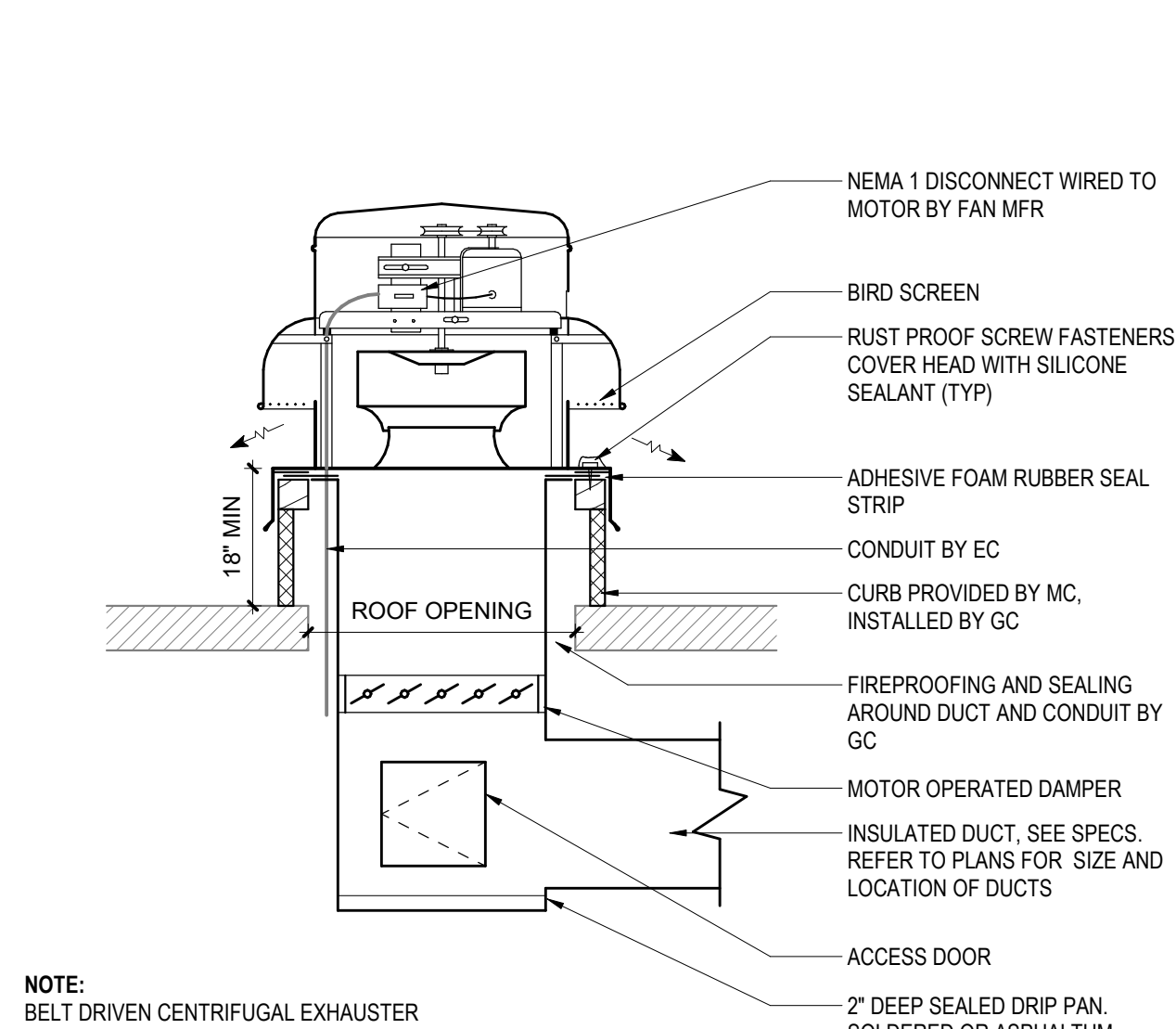
5 TURNING VANE ACCESS DETAIL
SCALE: NTS



10 PARALLEL END SUCTION BASE MOUNTED PUMP
SCALE: NTS



15 HORIZONTAL HOT WATER UNIT HEATER DETAIL
SCALE: NTS



20 DOWNBLAST ROOF VENTILATOR DETAIL
SCALE: NTS

VARIABLE FREQUENCY DRIVE								
VFD-#	LOCATION	SERVES	MAX HP	VOLT	PH	MANUF	MODEL	REMARKS
1	B18 MECHANICAL	P-1	10	208	3	ABB	550	
2	B18 MECHANICAL	P-2	10	208	3	ABB	550	
3	B20 MAINTENANCE STORAGE	RF-1	2	208	1	ABB	550	
4	PENTHOUSE	EF-2	3/4	208	3	ABB	550	
5	PENTHOUSE	AHU-3	5	208	3	ABB	550	
6	334 CUSTODIAN	RAHU-2	7.5	208	3	ABB	550	
7	334 CUSTODIAN	RF-4	2	208	3	ABB	550	

DIFFUSER, REGISTER, GRILLE										
MIN AIRFLOW (CFM)	MAX AIRFLOW (CFM)	SERVICE	TYPE	FACE SIZE	NECK SIZE	MOUNTING	DAMPER	MATERIAL	FINISH	REMARKS
EG-1										
0	99	EXHAUST	EGGCRATE	24"x12"	6"ø	LAY-IN	N	ALUMINUM	WHITE	
100	210	EXHAUST	EGGCRATE	24"x12"	8"ø	LAY-IN	N	ALUMINUM	WHITE	
211	330	EXHAUST	EGGCRATE	24"x24"	10"ø	LAY-IN	N	ALUMINUM	WHITE	
331	475	EXHAUST	EGGCRATE	24"x24"	12"ø	LAY-IN	N	ALUMINUM	WHITE	
EG-2										
0	75	EXHAUST	LOUVERED	8"x8"	6"x6"	SURFACE	N	ALUMINUM	WHITE	
RG-2										
0	1750	RETURN	LOUVERED	18"x42"	16"x40"	SURFACE	N	ALUMINUM	WHITE	
SD-1										
0	99	SUPPLY	SQUARE PLAQUE	24"x24"	6"ø	LAY-IN	N	ALUMINUM	WHITE	
100	210	SUPPLY	SQUARE PLAQUE	24"x24"	8"ø	LAY-IN	N	ALUMINUM	WHITE	
211	330	SUPPLY	SQUARE PLAQUE	24"x24"	10"ø	LAY-IN	N	ALUMINUM	WHITE	
331	475	SUPPLY	SQUARE PLAQUE	24"x24"	12"ø	LAY-IN	N	ALUMINUM	WHITE	
SG-1										
0	340	SUPPLY	LOUVERED	12"x12"	10"x10"	SURFACE	N	ALUMINUM	WHITE	
SG-2										
0	295	SUPPLY	LOUVERED	12"x10"	10"x8"	SIDEWALL	N	ALUMINUM	WHITE	
TG-1										
1	1300	TRANSFER	EGGCRATE	24"x24"	20"x20"	LAY-IN	N	ALUMINUM	WHITE	
TG-2										
		TRANSFER	LOUVERED	14"x14"	12"x12"	SURFACE	N	ALUMINUM	WHITE	
TG-3										
121	275	TRANSFER	EGGCRATE	24"x12"	12"x12"	LAY-IN	N	ALUMINUM	WHITE	

HOT WATER UNIT HEATER													
UH-#	LOCATION	OUTPUT (MBH)	FLOW (GPM)	MAX PD (FT WG)	EWI (°F)	LWT (°F)	AIRFLOW (CFM)	EAT (°F)	LAT (°F)	THROW	HP	MOTOR VOLT	PH
1	B20 MAINTENANCE STORAGE	11.1	1.1	0.5	180	160	400	60	90	9' - 0"	1/30	120	1
2	B19 MAINTENANCE STORAGE	11.1	1.1	0.5	180	160	400	60	90	9' - 0"	1/30	120	1
3	B24 MAINTENANCE	11.1	1.1	0.5	180	160	400	60	90	9' - 0"	1/30	120	1
4	400 PENTHOUSE	53	2.7	0.5	180	160	1340	60	103	16' - 0"	1/10	120	1

FIN TUBE HEATER										
FT-#	TYPE	RADIATION			ENCLOSURE				MANUF	MODEL
		BTU/FT	AVG WATER TEMP (°F)	ROWS	BOTTOM INSTALL HEIGHT A.T.F.	DEPTH	HEIGHT	MOUNTING		
1	SLOPED TOP	740	170	1	4"	4"	8"	WALL	RITTILING	SBG5

RELIEF FAN													
RF-#	LOCATION	SERVES	TYPE	AIRFLOW (CFM)	ESP (°WG)	DAMPER	DRIVE	MOTOR				MANUF	MODEL
								HP	RPM	VOLT	PH		
1	B20 MAINTENANCE STORAGE	AHU-1	INLINE	12500	0.75	BY TCC	BELT	5	793	208	3	YES	GREENHECK
2	ROOF	AHU-2	DOWNBLAST	11600	1.25	MOTORIZED	BELT	5	636	208	3	INTEGRAL	GB-360-VG
3	PENTHOUSE	AHU-3	INLINE	4500	0.75	BY TCC	DIRECT	2	1214	208	3	INTEGRAL	GB-240
4	ROOF	RAHU-2	DOWNBLAST	6350	0.75	MOTORIZED	BELT	2	861	208	3	YES	GREENHECK

EXHAUST FAN													
EF-#	LOCATION	SERVES	TYPE	AIRFLOW (CFM)	ESP (°WG)	DAMPER	DRIVE	MOTOR				MANUF	MODEL
								HP	RPM	VOLT	PH		
1	B24 MAINTENANCE	ANNEX AND CONNECTOR EXHAUST	UTILITY	500	0.25	MOTORIZED	DIRECT	1/6	1450	208	1	INTEGRAL	SQ-90-VG
2	PENTHOUSE	BASEMENT EXHAUST	UTILITY	1690	0.75	MOTORIZED	DIRECT	3/4	1350	208	3	YES	USF-13-B7
3	COURTHOUSE RESTROOMS	ANNEX AND CONNECTOR EXHAUST	INLINE	300	0.25	MOTORIZED	DIRECT	1/6	1450	208	1	INTEGRAL	SQ-90-VG

PUMP													
P-#	LOCATION	SERVES	TYPE	FLUID	CONNECTION SIZE		FLOW (GPM)	TOTAL HEAD (FT)	MOTOR				REMARKS
					SUCTION	DISCHARGE			HP	RPM	VOLT	PH	
1	B18 MECHANICAL	HOT WATER	END SUCTION	HOT WATER	2"	3"	250	100	10	1800	208	3	
2	B18 MECHANICAL	HOT WATER	END SUCTION	HOT WATER	2"	3"	250	100	10	1800	208	3	
3	B24 MAINTENANCE	AHU-1	INLINE	HOT WATER	2"	3"	37	6	1	1725	208	1	
4	343 LOBBY	RAHU-2	INLINE	HOT WATER	1 1/4"	1 1/4"	9	5	1	1036	208	1	
5	PENTHOUSE	AHU-3	INLINE	HOT WATER	1 1/2"	1 1/2"	16	4.4	1	7251	208	1	
6	122 MECHANICAL	CHANGE-OVER LOOP	INLINE	HOT WATER	2"	2"	67	35	1	1725	208	1	

FAN COIL UNIT																											
FCU-#	LOCATION	TYPE	FAN QTY	AIRFLOW	MIN OA (CFM)	ESP (IN WG)	HEATING COIL						COOLING COIL						MOTOR				MANUF	MODEL	REMARKS		
							EAT (°F)	LAT (°F)	CAPACITY (MBH)	FLOW (GPM)	WATER PD (FT WC)	EWI (°F)	LWT (°F)	EAT (°F)	LAT (°F)	FACE VELOCITY (FT/MIN)	FLOW (GPM)	WATER PD (FT WC)	TOTAL CAPACITY (MBH)	QTY	HP (EACH)	VOLT				PHASE	
1	218 LOBBY	HORIZONTAL	2	800	0	0.25	50	114	56	2.8	12	180	140	78	65	55	325	34	6.2	25	1	1/4	115	1	DAIKIN	FCHH	

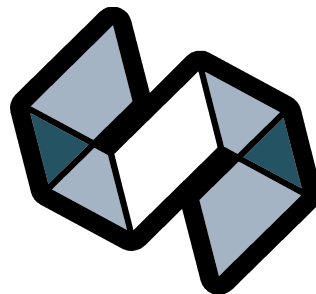
BLOWER COIL UNIT																											
BCU#	LOCATION	TYPE	FAN QTY	AIRFLOW	MIN OA (CFM)	ESP (IN WC)	HEATING COIL						COOLING COIL						MOTOR				REMARKS				
							EAT (°F)	LAT (°F)	CAPACITY (MBH)	FLOW (GPM)	WATER PD (FT WC)	EWI (°F)	LWT (°F)	FACE VELOCITY (FT/MIN)	FLOW (GPM)	WATER PD (FT WC)	TOTAL CAPACITY (MBH)	QTY	HP (EACH)	VOLT	PHASE	MANUF		BCVD			
1	115 MECHANICAL	VERTICAL	1	1750	0	0.5	70	118	92.7	9.5	1.12	180	160	75	64	53	281	7.7	2.49	57.9	1	1.5	208	3	DAIKIN	BCVD	

RTU SCHEDULE																		
RTU-#	SERVES	NOMINAL TONNAGE	SUPPLY FAN CHARACTERISTICS				RELIEF FAN CHARACTERISTICS				FILTER SECTION				COOLING COIL			
			AIRFLOW (CFM)	MIN OA (CFM)	WHEEL TYPE	ESP (IN WG)	AIRFLOW (CFM)	ESP (IN WG)	MOTOR HP	HP	PRE-FILTER TYPE	RATING	FINAL FILTER TYPE	RATING	AIRFLOW (CFM)	COOLING CAPACITY (MBH)	EAT (°F)	LAT (°F)
1	3RD FLOOR JAIL	11	3,205	550	1.5	3	3200	0.25	1		PLEATED	MERV 8	PLEATED	MERV 13	3,200	118	78	65

ROOFTOP AHU SCHEDULE																						
RAHU-#	SERVES	SUPPLY FAN CHARACTERISTICS					FILTER SECTION					HEATING COIL					COOLING COIL					REMARKS
		AIRFLOW (CFM)	MIN OA (CFM)	WHEEL TYPE	ESP (IN WG)	MOTOR HP	PRE-FILTER TYPE	RATING	FINAL FILTER TYPE	RATING	DESIGN AIRFLOW (CFM)	HEATING CAPACITY (MBH)	EAT (°F)	LAT (°F)	FACE VELOCITY @ MAX AIRFLOW (CFM)	AIR P.D. @ MAX AIRFLOW (WG)	FLUID TYPE	GPM	EWI (°F)	LWT (°F)	MAX WATER P.D.	
2	CONNECTOR 2ND & 3RD FLOOR	6,350	1,040	PLENUM	1.5	7.5	YES	PLEATED	MERV 8	PLEATED	MERV 13	2,650	96000	37	70	518	0.1	WATER	10	180	160	5.8

AHU SCHEDULE																						
AHU-#	SERVES	SUPPLY FAN CHARACTERISTICS					FILTER SECTION					HEATING COIL					COOLING COIL					REMARKS
		AIRFLOW (CFM)	MIN OA (CFM)	WHEEL TYPE	ESP (IN WG)	MOTOR HP	PRE-FILTER TYPE	RATING	FINAL FILTER TYPE	RATING	DESIGN AIRFLOW (CFM)	HEATING CAPACITY (MBH)	EAT (°F)	LAT (°F)	FACE VELOCITY @ MAX AIRFLOW (CFM)	AIR P.D. @ MAX AIRFLOW (WG)	FLUID TYPE	GPM	EWI (°F)	LWT (°F)	MAX WATER P.D.	
1	ANNEX BASEMENT & 1ST FLOOR	12,450	3,600	PLENUM	1.75	6.6X2	YES	PLEATED	MERV 8	PLEATED	MERV 13	6,475	332	23	70	273	0.09	WATER	33	180	160	5.8
3	FUTURE COURTHOUSE	4,500	1,670	PLENUM	1.5	7.5	YES	PLEATED	MERV 8	PLEATED	MERV 13	2,250	155	7	70	250	0.1	WATER	16	180	160	4.4

VAV WITH HOT WATER COIL																
VAV#	SYSTEM	SERVICE	MAX AIRFLOW (CFM)		OCV AIRFLOW (CFM)	MIN AIRFLOW (CFM)		INLET SIZE	MAX PD (INWG)	HOT WATER BOOSTER COIL			HOT WATER BOOSTER COIL			REMARKS
			COOLING	HEATING		OCCUPIED	UNOCC.			MIN HEATING CAPACITY (MBH)	NO OF ROWS	WATER FLOW (GPM)	PIPE SIZE (IN)	WATER PD (FT WC)	EAT (°F)	
1-1	AHU-1	005.1 BREAK ROOM	100	50		50	0	6"	0.5	1.7	2	0.5	3/4"	5	55	85
1-2	AHU-1	C00 CONCOURSE, 003.2 ARCHIVE, 003.1 STORAGE, 003 MAINTENANCE OFFICE	495	145		145	0	8"	0.5	4.8	2	0.5	3/4"	5	55	85
1-3	AHU-1	001.6 JUSTICE DIVERSION OFFICE, 001.4 JUSTICE DIVERSION STORAGE	405	140		140	0	8"	0.5	4.6	2	0.5	3/4"	5	55	85
1-4	AHU-1	002.3 MIS STORAGE, 002.4 TELC/DATA	250	125		125	0	6"	0.5	4.1	2	0.5	3/4"	5	55	85
1-5	AHU-1	002.4 TELC/DATA	285	85		85	0	6"	0.5	2.8	2	0.5	3/4"	5	55	85
1-6	AHU-1	002.1 MIS STORAGE, 002.2 MAINTENANCE STORAGE, 002 MIS STORAGE	465	135		135	0	8"	0.5	4.4	2	0.5	3/4"	5	55	85
1-7	AHU-1	001. SUITE ENTRY, 001.2 JUSTICE DIVERSION OFFICE, 001.5 JUSTICE DIVERSION OFFICE,001.3 JUSTICE DIVERSION OFFICE, 001.1 JUSTICE DIVERSION ENTRANCE	410	205		205	0	8"	0.5	6.7	2	0.7	3/4"	5	55	85
1-8	AHU-1	C01 CORRIDOR, C02 CORRIDOR	450	155		155	0	8"	0.5	5.1	2	0.5	3/4"	5	55	85
1-9	AHU-1	107 JURY ASSEMBLY 107.1 CLO, 107.2 STUDY ROOM, 107.3 LIBRARY SUPPLIES	2995	1115	680	520	0	16"	0.5	48.4	2	4.9	1"	5	55	95
1-10	AHU-1	107.4 CONFERENCE	350	170		80	0	8"	0.5	7.4	2	0.8	3/4"	5	55	95
1-11	AHU-1	108.5 BUILDING SERVICES OFFICE	350	245		70	0	6"	0.5	10.7	2	1.1	3/4"	5	55	95
1-12	AHU-1	107.4 BUILDING SERVICES OFFICE	350	350		70	0	6"	0.5	15.2	2	1.6	3/4"	5	55	95
1-13	AHU-1	108.2 HALL, 104.5 HALL 108 BUILDING SERVICES OFFICE	325	180		180	0	6"	0.5	7.9	2	0.6	3/4"	5	55	85
1-14	AHU-1	104.7 EM DIRECTOR OFFICE, 104.6 EM ASST., 108.3 BUILDING SERVICES OFFICE	455	190		190	0	8"	0.5	6.2	2	0.7	3/4"	5	55	85
1-15	AHU-1	104 EMBS MEETING ROOM	630	185	335	130	0	8"	0.5	6.1	2	0.6	3/4"	5	55	85
1-16	AHU-1	104.3 BACKUP DISPATCH, 104.1 EM STORAGE	250	75		75	0	6"	0.5	2.5	2	0.5	3/4"	5	55	85
1-17	AHU-1	C100 CORRIDOR	420	125		125	0	8"	0.5	4.1	2	0.5	3/4"	5	55	85
1-18	AHU-1	V1 ENTRY VESTIBULE, 100 SECURITY SCREENING	865	740		175	0	10"	0.5	32.2	2	3.3	3/4"	5	55	95
1-19	AHU-1	100.1 SECURITY OFFICE, 101.1 OFFICE, 101.2 OFFICE	760	410		155	0	10"	0.5	17.8	2	1.8	3/4"	5	55	95
1-20	AHU-1	101 MIS OFFICE INT.	470	140		140	0	8"	0.5	4.6	2	0.5	3/4"	5	55	85
1-21	AHU-1	102.2 MIS SET-UP ROOM	240	70		70	0	6"	0.5	2.3	2	0.5	3/4"	5	55	85
1-22	AHU-1	102 MIS TRAINING ROOM	1485	650		650	0	12"	0.5	28.3	2	2.9	3/4"	5	55	95
1-23	AHU-1	101 MIS OFFICE EXTERIOR	900	830		830	0	10"	0.5	36.1	2	3.6	1"	5	55	95
2-1	AHU-2	210.7 ADMIN ASSIST, 210.10 PARALEGAL OFFICE	215	170		45	0	6"	0.5	7.4	2	0.8	3/4"	5	55	95
2-2	AHU-2	210.5 CS SPECIALIST, 210.6 TEMP SUPPORT	195	60		40	0	6"	0.5	2.6	2	0.5	3/4"	5	55	95
2-3	AHU-2	214.1 ADMIN ASSIST, 210 HALL	365	105		105	0	8"	0.5	4.6	2	0.5	3/4"	5	55	95
2-4	AHU-2	210.4 CS ADMIN	205	75		45	0	6"	0.5	3.3	2	0.5	3/4"	5	55	95
2-5	AHU-2	210.3 CS SPECIALIST	265	75		55	0	6"	0.5	3.3	2	0.5	3/4"	5	55	95
2-6	AHU-2	210.2 CLERICAL, 210.1 OFFICE	535	160		110	0	8"	0.5	7	2	0.7	3/4"	5	55	95
2-7	AHU-2	208.2 CASE FILES, 208.3 ATTY/CLIENT CONFERENCE, 210.11 CHLD SUPPORT OFFICE	365	180		180	0	8"	0.5	5.9	2	0.6	3/4"	5	55	85
2-8	AHU-2	208 LOBBY	700	210		140	0	8"	0.5	6.9	2	0.7	3/4"	5	55	85
2-9	AHU-2	209.1 OFFICE, 209.2 CONFERENCE	330	165		165	0	6"	0.5	5.4	2	0.6	3/4"	5	55	85
2-10	AHU-2	213.1 CLERK/TYPIST, 211 HALL	330	130		130	0	6"	0.5	5.7	2	0.6	3/4"	5	55	95
2-11	AHU-2	211.1 ATTORNEY OFFICE	200	60		40	0	6"	0.5	2.6	2	0.5	3/4"	5	55	95
2-12	AHU-2	211.6 PARALEGAL OFFICE, 211.5 OFFICE MANAGER	610	180		125	0	8"	0.5	7.9	2	0.8	3/4"	5	55	95
2-13	AHU-2	211.4 DISTRICT ATTORNEY OFFICE, 211.3 ATTORNEY OFFICE, 211.2 ATTORNEY OFFICE	585	175		120	0	8"	0.5	7.6	2	0.8	3/4"	5	55	95
2-14	AHU-2	211.9 OFFICE, 211.8 LIBRARY, 211.7 PARALEGAL OFFICE	510	255		255	0	8"	0.5	11.1	2	1.2	3/4"	5	55	95
2-15	AHU-2	314.2 ANTE, 314.1 ANTE, 314 COURTROOM SOUTH	1665	505	505	335	0	14"	0.5	21.5	2	2.2	3/4"	5	55	95
2-16	AHU-2	314 COURTROOM NORTH	1350	805	605	270	0	12"	0.5	30.6	2	3.1	3/4"	5	55	90
2-17	AHU-2	313.1 CT COMMISSIONER OFFICE, C303.1 CORRIDOR, 311 COURT REPORTER	600	180		120	0	8"	0.5	7.9	2	0.8	3/4"	5	55	95
2-18	AHU-2	313 COURT EAST	1200	630	630	295	0	12"	0.5	27.4	2	2.8	3/4"	5	55	95
2-19	AHU-2	313 COURT WEST	600	360	360	120	0	8"	0.5	15.7	2	1.6	3/4"	5	55	95
2-20	AHU-2	C305 CORRIDOR NORTH	600	180		120	0	8"	0.5	5.9	2	0.6	3/4"	5	55	85
2-21	AHU-2	312.6 TOILET, C305 CORRIDOR SOUTH	645	190		130	0	8"	0.5	6.2	2	0.7	3/4"	5	55	85
2-22	AHU-2	212.2 BALIFF OFFICE, C304.1 CORRIDOR	500	150		100	0	8"	0.5	6.6	2	0.7	3/4"	5	55	95
2-23	AHU-2	312.3 JURY	1000	300	245	200	0	10"	0.5	13.1	2	1.3	3/4"	5	55	95
2-24	AHU-2	312.5 TOILET, 323 CONFERENCE, 312.4 BREAK	735	265	265	150	0	10"	0.5	11.6	2	1.2	3/4"	5	55	95
3-1	RAHU-1	202.4 CLERK OF COURTS OFFICE, 202.4A CLERK OFFICE, 202.4B CLERK MEZZANINE	700	460		140	0	8"	0.5	20	2	2	3/4"	5	55	95
3-2	RAHU-1	201.4 CLERK OF COURTS OFFICE, 201.4A CLERK OFFICE, 201.4B CLERK MEZZANINE	900	515		180	0	10"	0.5	22.4	2	2.3	3/4"	5	55	95
3-3	RAHU-1	202 PROBATE OFFICE, 202.2 OFFICE, 201.1 HALL, 202.3 PROBATE WAITING	1040	415		415	0	12"	0.5	13.6	2	1.2	3/4"	5	55	85
3-4	RAHU-1	C200 CORRIDOR, 201 CLERK OF COURTS OFFICE	850	340		340	0	10"	0.5	11.1	2	1.5	3/4"	5	55	85
3-5	RAHU-1	201A CLERK MEZZANINE, 201.1 OFFICE, 201.3 OFFICE, 201.2 OFFICE	675	325		205	0	8"	0.5	14.1	2	1.5	3/4"	5	55	95
3-6	RAHU-1	206 LOBBY, C203 CORRIDOR, S4 STAIR 4, 207 LOBBY, C202 CORRIDOR	570	170		170	0	8"	0.5	5.6	2	0.6	3/4"	5	55	85
3-7	RAHU-1	203 COURTROOM SOUTH	750	320	320	150	0	10"	0.5	10.5	2	1.1	3/4"	5	55	85
3-8	RAHU-1	203 COURTROOM NORTH	750	330	330	150	0	10"	0.5	10.8	2	1.1	3/4"	5	55	85
3-9	RAHU-1	204 COURTROOM SOUTH	800	360	360	160	0	10"	0.5	11.8	2	1.2	3/4"	5	55	85
3-10	RAHU-1	204 COURTROOM NORTH	800	340	340	160	0	10"	0.5	11.1	2	1.2	3/4"	5	55	85
3-11	RAHU-1	203.5 COURT REPORTER, 203.1 HALL, 203.2 JUDICIAL ASSISTANT OFFICE, C201 CORRIDOR	450	135		135	0	8"	0.5	5.9	2	0.6	3/4"	5	55	95
3-12	RAHU-1	203.3 JUDGE'S CHAMBERS	200	150		40	0	6"	0.5	6.6	2	0.7	3/4"	5	55	95
3-13	RAHU-1	204.2 JURY	750	445		225	0	10"	0.5	19.4	2	2	3/4"	5	55	95
3-14	RAHU-1	203.6 REPORTER STORAGE, 203.7 JURY	650	455		195	0	8"	0.5	19.8	2	2	3/4"	5	55	95
4-1	RAHU-2	210.12 ASSISTANT CORP. COUNSEL OFFICE, 206.3 COJURT REPORTER	465	135		95	0	8"	0.5	5.9	2	0.6	3/4"	5	55	95
4-2	RAHU-2	206.5 JUDGES CHAMBERS	400	120		120	0	8"	0.5	5.3	2	0.6	3/4"	5	55	95
4-3	RAHU-2	206.4 CONFERENCE, 206.2 JUDICIAL ASSISTANT OFFICE	300	180		180	0	6"	0.5	5.9	2	0.6	3/4"	5	55	85
4-4	RAHU-2	207.3 BREAK ROOM	475	235		235	0	8"	0.5	7.7	2	0.8	3/4"	5	55	85
4-5	RAHU-2	209.3 OFFICE	200	60		40	0	6"	0.5	2	2	0.5	3/4"	5	55	85
4-6	RAHU-2	207.5 RECEPTION, 207.4 SECURE WAITING	400	240		240	0	8"	0.5	7.9	2	0.8	3/4"	5	55	85
4-7	RAHU-2	207.7 VIC/WIT SUPPORT, 207.6 VIC/WIT COORD	580	170		120	0	8"	0.5	7.4	2	0.8	3/4"	5	55	95
4-8	RAHU-2	207.8 ATTORNEY OFFICE	320	95		65	0	6"	0.5	4.2	2	0.5	3/4"	5	55	95
4-9	RAHU-2	207.9 PLOCE SIGN-IN	300	90		60	0	6"	0.5	4	2	0.5	3/4"	5	55	95
4-10	RAHU-2	309.4 OFFICE, 309.5 CLOSET	200	60		60	0	6"	0.5	2.7	2	0.5	3/4"	5	55	95
4-11	RAHU-2	309.6 ATTY/CLIENT OFFICE, 309.3 OFFICE	450	135		90	0	8"	0.5	5.9	2	0.6	3/4"	5	55	95
4-12	RAHU-2	C303 CORRIDOR, 309 LOBBY	300	90		125	0	6"	0.5	5.5	2	0.6	3/4"	5	55	95
4-13	RAHU-2	310.2 OFFICE, 310.3 OFFICE	300	90		90	0	6"	0.5	4	2	0.5	3/4"	5	55	95
4-14	RAHU-2	335 CONFERENCE	610	180		125	0	8"	0.5	7.9	2	4563.1	3/4"	5	55	95
4-15	RAHU-2	336 JUDGES CHAMBERS	750	565		150	0	10"	0.5	18.4	2	1.9	3/4"	5	55	85
4-16	RAHU-2	C304 CORRIDOR, 310.1 RECORDS, 310 OFFICE	580	170		170	0	8"	0.5	5.6	2	0.6	3/4"	5	55	85



STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

CONSTRUCTION
DRAWINGS

ISSUED FOR
CONSTRUCTION

GENERAL ELECTRICAL NOTES

- 1 MOUNT EQUIPMENT AT NOMINAL MOUNTING HEIGHT INDICATED ON THE DRAWINGS OR DETAILED ON ARCHITECTURAL ELEVATIONS.
- 2 INSTALL INSULATED GREEN GROUND CONDUCTOR WITH ALL BRANCH CIRCUIT AND FEEDER CONDUCTORS. SIZE PER NEC TABLE 250.122.
- 3 ELECTRICAL CONTRACTOR SHALL PROVIDE SLEEVED OPENING WHERE REQUIRED TO RUN CONDUITS AND CABLE SYSTEMS THROUGH SLABS, WALLS, CEILINGS, AND FLOORS, EXCEPT WHERE OTHERWISE NOTED. SEE ARCHITECTURAL DRAWINGS FOR WALL TYPE AND SPEC SECTION 07 84 00 FOR SPECIFIC FIRE STOP METHODS.
- 4 CONTRACTOR SHALL REFER TO ELECTRICAL SPECIFICATIONS FOR MATERIAL AND EXECUTION OF WORK.
- 5 CONTRACTOR SHALL VERIFY ALL SIZES AND LOCATIONS OF ALL EXISTING SERVICES AFFECTED BY THIS PROJECT.
- 6 ALL HOME RUNS SHALL BE MINIMUM 3/4" EMT.
- 7 THE CONTRACTOR SHALL REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER SECTIONS FOR ADDITIONAL/RELATED ELECTRICAL REQUIREMENTS AS LISTED IN THE RESPECTIVE DIVISIONS.
- 8 ALL WORK SHOWN IS DIAGRAMMATIC IN NATURE AND INTENDED TO ILLUSTRATE GENERAL INTENT ONLY. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ADDITIONAL LABOR, MATERIALS, ACCESSORIES, EQUIPMENT, ETC. REQUIRED TO CREATE A FULLY FUNCTIONAL SYSTEM IN ACCORDANCE WITH THESE DRAWINGS, APPLICABLE CODES, AND INDUSTRY STANDARDS.
- 9 ELECTRICAL CONTRACTOR SHALL FULLY COORDINATE WITH ALL OTHER CONTRACTORS TO ENSURE CONFLICTS DO NOT ARISE. ALL COORDINATION CONFLICTS BETWEEN CONTRACTORS SHALL BE RESOLVED IN A MANNER THAT IS ACCEPTABLE TO OWNER, ARCHITECT, AND ENGINEER, AT NO COST TO THE PROJECT.
- 10 ALL ELECTRICAL CONNECTIONS TO OTHER CONTRACTORS' EQUIPMENT SHALL BE FULLY COORDINATED WITH THE PROVIDING CONTRACTOR PRIOR TO ROUGH-IN. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ADJUSTMENTS NEEDED TO PROVIDE POWER TO EQUIPMENT. ANY ADJUSTMENTS REQUIRED SHALL BE AT NO COST TO THE PROJECT.

ELECTRICAL ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE	MC	MECHANICAL/HVAC CONTRACTOR
AFF	ABOVE FINISH FLOOR	MCB	MAIN CIRCUIT BREAKER
AFG	ABOVE FINAL GRADE	MCC	MOTOR CONTROL CENTER
AIC	AMPERE INTERRUPTING CAPACITY	MEGB	MAIN EQUIPMENT GROUNDING BUS
ALT	ALTERNATE	MN	MINIMUM
APPROX	APPROXIMATELY	MISC	MISCELLANEOUS
AMP	AMPERE	MLO	MAIN LUG ONLY
ARCH	ARCHITECT, ARCHITECTURAL	MMS	MANUAL MOTOR STARTER
ATS	AUTOMATIC TRANSFER SWITCH	MFR	MANUFACTURER
AUX	AUXILIARY	MTR	MOTOR
AV	AUDIO VISUAL	MTS	MANUAL TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE	MW	MICROWAVE
BFG	BELOW FINAL GRADE	N.C.	NORMALLY CLOSED
BLDG	BUILDING	NEC	NATIONAL ELECTRICAL CODE
BSC	BIO SAFETY CABINET	NEMA	NATIONAL ELECTRICAL MFR ASSOC.
C	CONDUIT	NFSS	NON-FUSED SAFETY SWITCH
CB	CIRCUIT BREAKER	NL	NIGHTLIGHT
CCTV	CLOSED CIRCUIT TELEVISION	N.O.	NORMALLY OPEN
CF	CONTR. FURNISHED, CONTR. INSTALLED	NTS	NOT TO SCALE
CCT	CIRCUIT	NU	NEAR UNIT
CLG	CEILING	OFCI	OWNER FURNISHED, CONTR. INSTALLED
CONT	CONTINUOUS, CONTINUATION	OFOI	OWNER FURNISHED, OWNER INSTALLED
CONTR	CONTRACTOR	OU	ON UNIT
CT	CABLE TRAY	P	POLE
CTP	CLEAN TECHNICAL POWER	PBC	PLUMBING CONTRACTOR
CU	CENTER	PDO	POWER DOOR OPERATOR
CU	COPPER	PH	PHASE
DAS	DISTRIBUTED ANTENNA SYSTEM	PNL	PANEL
DED	DEDICATED	PP	POWER POLE
DISC	DISCONNECT	PR	PRIMARY
DIST	DISTRIBUTION	PRV	POWER ROOF VENTILATOR
DIV	DIVISION	PVC	POLYVINYL CHLORIDE
DWG	DRAWING	SCR	SHORT CIRCUIT CURRENT RATING
EBU	EMERGENCY BATTERY UNIT	SHT	SHEET
EC	ELECTRICAL CONTRACTOR	SPEC	SPECIFICATION
EGB	EQUIPMENT GROUND BUS	SPKR	SPEAKER
ELCU	EMERGENCY LIGHTING CONTROL UNIT	SP	SPEAKER
ELEC	ELECTRICAL	SPO	SURGE PROTECTIVE DEVICE
ELEV	ELEVATOR	STD	STANDARD
EM	EMERGENCY	SUSP	SUSPENDED
EMT	ELECTRICAL METAL TUBING	SW	SWITCH
EQUIP	EQUIPMENT	SWBD	SWITCHBOARD
ER	ELEVATOR RECALL	SWGR	SWITCHGEAR
ETR	EXISTING TO REMAIN	SYM	SYMMETRICAL
EW	ELECTRIC WATER COOLER	SYS	SYSTEM
F	FUSE	TR	TEMPERATURE
FA	FIRE ALARM	TCP	TEMPERATURE CONTROL PANEL
FB	FLOOR BOX	TMGB	TELECOM MAIN GROUND BUS
FL	FLOOR	TEL	TELEPHONE
FPC	FIRE PROTECTION CONTRACTOR	XFMR	TRANSFORMER
GC	GENERAL CONTRACTOR	TV	TELEVISION
GD	GARBAGE DISPOSAL	TYP	TYPICAL
GFCI	GROUND FAULT CKT INTERRUPTER	UG	UNDERGROUND
GND	GROUND	UH	UNIT HEATER
GYP	GYPSPUM	UNO	UNLESS NOTED OTHERWISE
HOA	HAND-OFF-AUTOMATIC SWITCH	V	VOLT
HORIZ	HORIZONTAL	VA	VOLT AMPERE
HP	HORSEPOWER	VDP	VIDEO DISPLAY PANEL
HT	HEIGHT	VERT	VERTICAL
IG	ISOLATED GROUND	VFD	VARIABLE FREQUENCY DRIVE
IT	INFORMATION TECHNOLOGY	VSD	VARIABLE SPEED DRIVE
JB	JUNCTION BOX	W	WATT
KVA	KILOVOLT-AMPERE	WI	WITH
KV	KILOVOLT	WC	WATER CLOSET
KVA	KILOVOLT-AMPERE	W/O	WITHOUT
KW	KILOWATT	WP	WET LOCATION/WEATHERPROOF
KWH	KILOWATT HOUR	XP	EXPLOSION PROOF
LTS	LIGHTS		
LV	LOW VOLTAGE		

TELECOMMUNICATIONS DEVICE SYMBOLS	
	WALL DATA OUTLET
	WALL DATA OUTLET - ABOVE COUNTER
	ANTENNAS
	CABLE AND (2) CEILING DATA JACKS FOR WIRELESS ACCESS POINT BY OWNER UNO

FIRE ALARM DEVICE SYMBOLS	
	FIRE ALARM PULL STATION PROVIDE POLYCARBONATE TAMPER COVER (WITH LOCAL ALARM)
	WALL HORN AUDIBLE-ONLY NOTIFICATION APPLIANCE
	WALL AUDIBLE/VISUAL NOTIFICATION APPLIANCE INDICATES MINIMUM VISUAL APPLIANCE CANDELA RATING (TYP.)
	WALL MOUNTED VISUAL-ONLY NOTIFICATION APPLIANCE
	CEILING MOUNTED AUDIBLE-ONLY NOTIFICATION APPLIANCE
	CEILING MOUNTED AUDIBLE/VISUAL NOTIFICATION APPLIANCE
	CEILING MOUNTED VISUAL-ONLY NOTIFICATION APPLIANCE
AUDIBLE NOTIFICATION APPLIANCES SHALL BE TEMPORAL TYPE, UNO.	
	SMOKE DETECTOR
	E-ELEVATOR RECALL, DH=DOOR HOLD OPEN DEVICE RELEASE
	DUCT SMOKE DETECTOR
	HEAT DETECTOR
	FIRE ALARM REMOTE ANNUNCIATOR PANEL
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ADDRESSABLE CONTROL MODULE
	FIRE ALARM ADDRESSABLE MONITOR MODULE
	REMOTE TEST AND INDICATOR STATION

RECEPTACLE DEVICE SYMBOLS	
	DUPLEX RECEPTACLE NEMA 5-20R, UNO SHADING STANDBY POWER ABOVE COUNTER
	SIMPLEX RECEPTACLE NEMA CONFIG 5-20R, UNO SHADING STANDBY POWER ABOVE COUNTER
	DOUBLE DUPLEX RECEPTACLE NEMA 5-20R, UNO SHADING STANDBY POWER ABOVE COUNTER

WHERE RECEPTACLES OR DATA DEVICES ARE NOTED AS "ABOVE COUNTER" THEY SHALL BE MOUNTED 6" ABOVE COUNTER OR 46" AFF WHERE NOT LOCATED ABOVE A COUNTER, UNLESS OTHERWISE NOTED ON PLANS, DETAILS, OR AS SHOWN ON ARCHITECTURAL ELEVATIONS.

POWER DISTRIBUTION SYMBOLS	
	MOTOR OR ELECTRICAL CONNECTION TO EQUIPMENT. SEE ELECTRICAL CONNECTION SCHEDULE (UNO)
	PANEL BOARD
	ELECTRICAL CONNECTION - SEE SCHEDULE (UNO)
	SHADING INDICATES STANDBY
	NON-FUSED SAFETY DISCONNECT SWITCH
	FUSED SAFETY DISCONNECT SWITCH
	COMBINATION STARTER/DISCONNECT SWITCH
	COMBINATION VARIABLE FREQUENCY DRIVE/DISCONNECT SWITCH
	TRANSFORMER - SEE SCHEDULE (UNO)
	AUTOMATIC TRANSFER SWITCH
	SURGE PROTECTIVE DEVICE

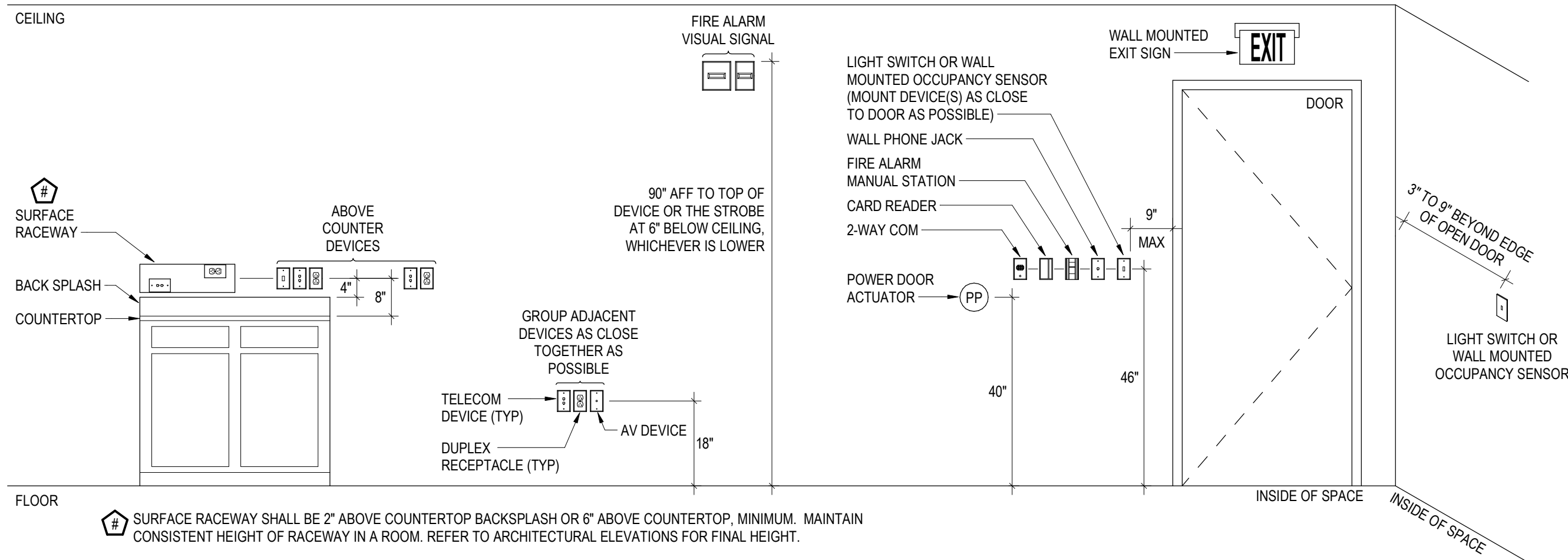
MISCELLANEOUS SYMBOLS	
	JUNCTION BOX

LINETYPE EXPLANATION	
	[HALF-TONE SYMBOLS] EXISTING DEVICES, LUMINAIRES, AND RACEWAYS TO REMAIN IN PLACE AND IN SERVICE.
	[DASHED SYMBOLS] EXISTING DEVICES, LUMINAIRES, AND RACEWAYS TO BE DEMOLISHED / REMOVED UNDER THIS CONTRACT.
	[SOLID BOLD SYMBOLS] NEW DEVICES, LUMINAIRES, AND RACEWAYS PROVIDED AND INSTALLED UNDER THIS CONTRACT.
	[GRAY HATCH BOX] AREA NOT IN CONTRACT (N.I.C.) / OUT OF SCOPE. NO WORK IN THIS AREA.

LIGHTING SYMBOLS	
LIGHTING IS REPRESENTED BY SHAPES WHICH REPRESENT THE APPROXIMATE SIZE AND SHAPE OF THE LUMINAIRES SPECIFIED. THE ACTUAL FIXTURE SPECIFICATION AND LOCATION (WALL, CEILING, FLOOR, ETC.) IS BASED ON THE DATA IN THE LUMINAIRE SCHEDULE FOR THE LISTED FIXTURE TYPE AND OTHER DOCUMENTATION.	
	LUMINAIRE ID (SEE LUMINAIRE SCHEDULE)
	EM (EMERGENCY BRANCH DESIGNATION) / SB (OPTIONAL STANDBY)
	CONTROL ZONE DESIGNATION
	PANEL AND CIRCUIT DESIGNATION
	SLASH INDICATES LUMINAIRE ON NEC702 OPTIONAL STANDBY.
	FULL OR HALF SLUSH INDICATES LUMINAIRE ON NEC702 EMERGENCY BRANCH.
	MEDIAL LINES DENOTE TROFFER ORIENTATION
SWITCH ZONE DESIGNATIONS ON FIXTURES CORRESPOND WITH CONTROL DEVICES (I.E. SWITCHES, SENSORS, ETC) WITH THE SAME DESIGNATION	
	ROUND RECESSED DOWNLIGHT, ROUND PENDANT LUMINAIRE, ROUND GROUND MOUNTED UPLIGHT.
	SQUARE RECESSED DOWNLIGHT, SQUARE WALL MOUNTED LUMINAIRE, SQUARE GROUND MOUNTED UPLIGHT.
	2x2 RECESSED, SURFACE, PENDANT LUMINAIRE.
	1x4 CEILING MOUNTED, LINEAR DIRECT/INDIRECT, LINEAR WALL WASH, WALL MOUNTED LUMINAIRE.
	2x4 RECESSED, SURFACE, PENDANT LUMINAIRE.
	4' INDUSTRIAL LUMINAIRE
	WALL MOUNTED LUMINAIRE
	WALL MOUNTED SPOT-TYPE EMERGENCY BATTERY UNIT
	CEILING MOUNTED EXIT OR AREA OF RESCUE ASSISTANCE SIGN.
	WALL MOUNTED EXIT OR AREA OF RESCUE ASSISTANCE SIGN.

LOW VOLTAGE LIGHTING CONTROL DEVICE SYMBOLS	
	DEVICE CONFIGURATION NOTATION (TYP. REFER TO LIGHTING DETAILS FOR ALL SEQUENCES OF OPERATIONS AND ADDITIONAL REQUIREMENTS.
	LIGHTING CONTROL BUTTON STATION. REFER TO LIGHTING DETAILS FOR REQUIREMENTS.
	CEILING OCCUPANCY SENSOR, DUAL TECHNOLOGY SMALL MOTION.
	CEILING OCCUPANCY SENSOR, DUAL TECHNOLOGY LARGE MOTION.
	PENDANT MOUNT HIGH BAY OCCUPANCY SENSOR, DUAL TECHNOLOGY. MOUNT AT SAME HEIGHT AS ADJACENT LUMINAIRE.
	DAYLIGHT HARVESTING SENSOR.

ACCESS CONTROL & CCTV DEVICE SYMBOLS	
	CCTV CAMERA
	# DENOTES CAMERA TYPE
	# DENOTES QUANTITY OF CATEGORY 6A CABLES/JACKS AT A PARTICULAR LOCATION (TYP.)



2 TYPICAL MOUNTING HEIGHT DETAIL (UNO)

E001 SCALE: NTS

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PROJECT NO.	2025012

PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

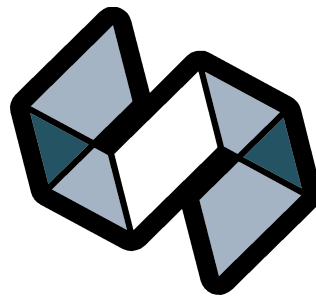
515 Oak St
Baraboo, WI 53913

SHEET NAME

ELECTRICAL
SYMBOLS,
ABBREVIATIONS AND
GENERAL NOTES

SHEET NO.

E001



STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

GENERAL DEMOLITION NOTES

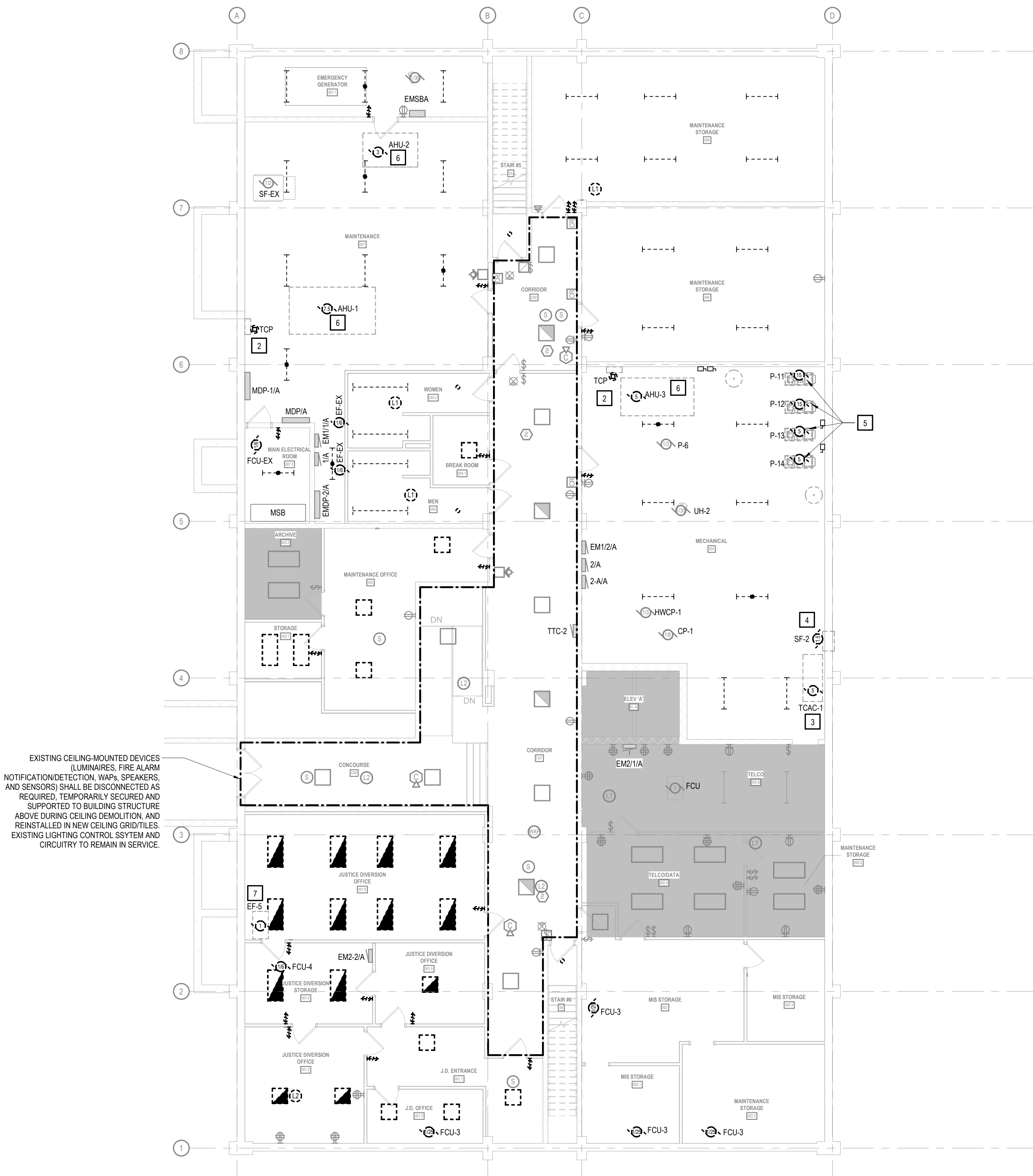
- 1 FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING DEMOLITION. EXISTING CONDUIT, RACEWAYS, BOXES, LUMINAIRES, AND SUPPORT SYSTEMS THAT INTERFERE WITH OR MUST BE MODIFIED/RELOCATED FOR NEW WORK SHALL BE INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK.
- 2 REMOVE ALL DEMOLISHED CONDUIT, CONDUCTORS, BOXES, WIRING DEVICES, AND LUMINAIRES INDICATED. MAINTAIN POWER AND CONTINUITY TO ALL EXISTING CIRCUITS AND SYSTEMS SCHEDULED TO REMAIN IN SERVICE. REMOVE ALL ABANDONED SUPPORTS, HANGERS, FASTENERS, AND FASTENER ANCHORS FLUSH WITH BUILDING SURFACES.
- 3 WHERE ELECTRICAL EQUIPMENT, LUMINAIRES, OR DEVICES ARE INDICATED FOR REMOVAL, DISCONNECT AND REMOVE ASSOCIATED BRANCH CIRCUIT WIRING BACK TO THE NEAREST ACTIVE JUNCTION BOX (IF CIRCUIT SERVES REMAINING LOADS) OR BACK TO SOURCE PANELBOARD. UPDATE PANEL DIRECTORY TO REFLECT REMOVED LOADS AS SPARES.
- 4 WHERE EXISTING CEILINGS ARE SCHEDULED FOR REMOVAL, EXISTING CEILING-MOUNTED SYSTEMS SCHEDULED TO REMAIN (INCLUDING BUT NOT LIMITED TO SPEAKERS, OCCUPANCY SENSORS, WAPs, AND SECURITY CAMERAS) SHALL BE SAFELY DISCONNECTED, TEMPORARILY SECURED/SUPPORTED TO BUILDING STRUCTURE ABOVE FOR CEILING REMOVAL, AND REINSTALLED IN THE NEW CEILING GRID/TILES.
- 5 REMOVE ALL ABANDONED CEILING-MOUNTED AND LOW-VOLTAGE DEVICES (SPEAKERS, SENSORS, CABLING, CONDUIT, J-BOXES, AND RACEWAYS) IN THEIR ENTIRETY BACK TO SOURCE/HEADEND RACK.
- 6 CONTRACTOR TO FIELD VERIFY EXISTING PANEL CAPACITIES, TRACE CIRCUITS, AND CONFIRM AVAILABLE SPARE BREAKER SPACES FOR NEW WORK. NOTIFY ENGINEER OF ANY SPACE OR CAPACITY CONFLICTS PRIOR TO ROUGH-IN.

SPECIFIC DEMOLITION NOTES

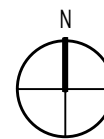
- 2 DISCONNECT EXISTING TEMPERATURE CONTROL PANEL. SALVAGE EXISTING BRANCH CIRCUIT RACEWAY AND CONDUCTORS TO BE REUSED FOR NEW TCP POWER.
- 3 DISCONNECT COMPRESSOR AND REMOVE ASSOCIATED CONDUIT AND WIRE BACK TO SOURCE PANEL. COMPRESSOR UNIT REMOVAL BY DIV. 22.
- 4 DISCONNECT SUPPLY FAN AND REMOVE ASSOCIATED CONDUIT AND WIRE BACK TO SOURCE PANEL. FAN REMOVAL BY DIV. 23.
- 5 DISCONNECT PUMPS AND REMOVE ASSOCIATED CONDUIT AND WIRE BACK TO SOURCE PANEL. PUMPS REMOVAL BY DIV. 22/23.
- 6 DISCONNECT ELECTRICAL POWER AND CONTROL WIRING TO AIR HANDLING UNIT (AHU). AHU EQUIPMENT DEMOLITION AND REMOVAL BY MECHANICAL CONTRACTOR, DIV. 23.
- 7 DISCONNECT EXHAUST FAN AND REMOVE ASSOCIATED DISCONNECT, CONDUIT AND WIRE BACK TO SOURCE PANEL. EF REMOVAL BY DIV. 23.

CONSTRUCTION
DRAWINGS

ISSUED FOR
CONSTRUCTION



EXISTING CEILING-MOUNTED DEVICES (LUMINAIRES, FIRE ALARM NOTIFICATION/DETECTION, WAPs, SPEAKERS, AND SENSORS) SHALL BE DISCONNECTED AS REQUIRED, TEMPORARILY SECURED AND SUPPORTED TO BUILDING STRUCTURE ABOVE DURING CEILING DEMOLITION, AND REINSTALLED IN NEW CEILING GRID/TILES. EXISTING LIGHTING CONTROL SYSTEM AND CIRCUITRY TO REMAIN IN SERVICE.



BASEMENT FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

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DATE	08/31/2026
PROJECT NO.	2025012

PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

SHEET NAME

BASEMENT FLOOR
DEMOLITION PLAN
(PHASE 1)

SHEET NO.

E100

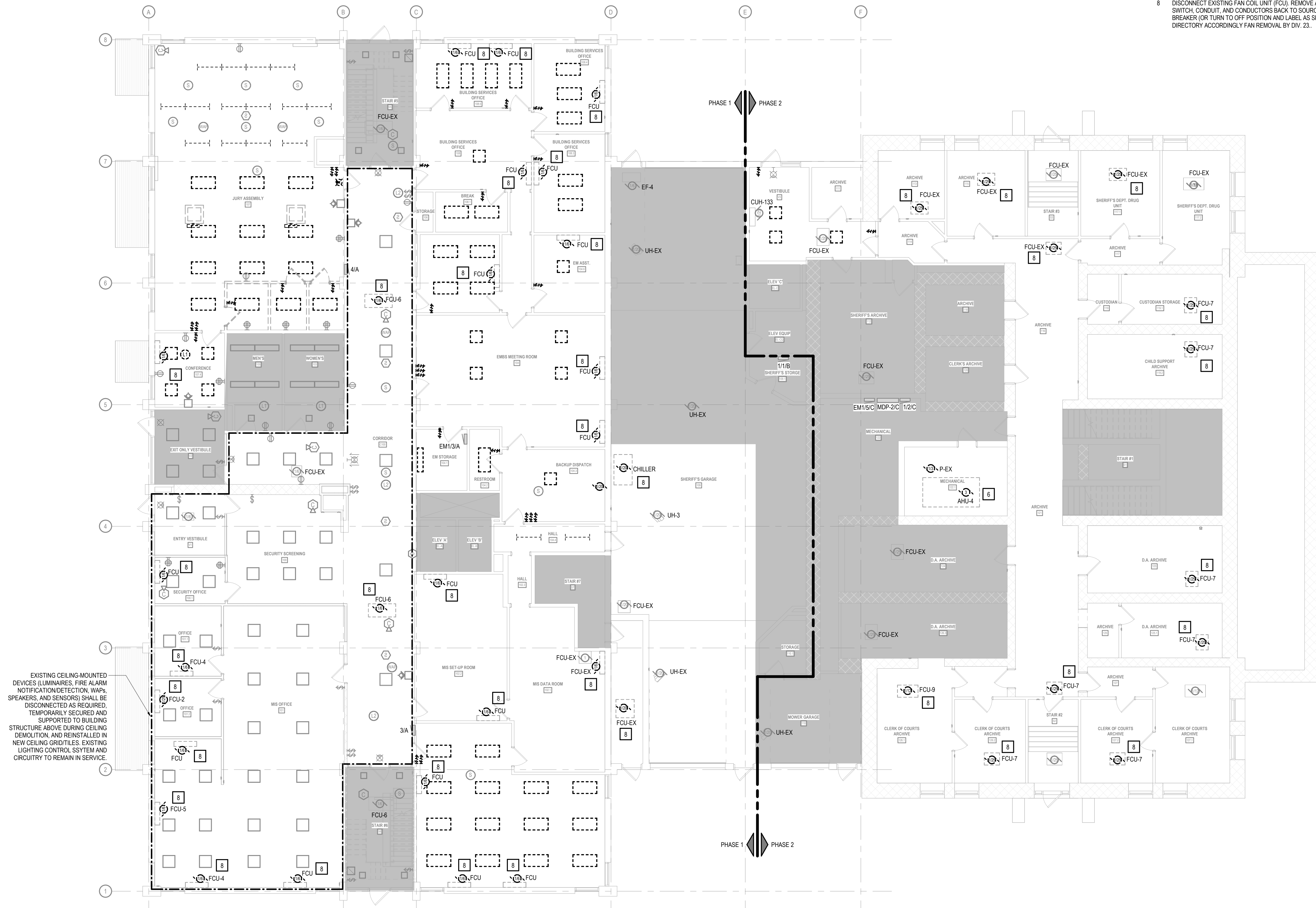
- 1 FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING DEMOLITION. EXISTING CONDUIT, RACEWAYS, BOXES, LUMINAIRES, AND SUPPORT SYSTEMS THAT INTERFERE WITH OR CONFLICT WITH THE WORK FOR NEW WORK MUST BE INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK.
- 2 REMOVE ALL DEMOLISHED CONDUIT, CONDUCTORS, BOXES, WIRING DEVICES, AND LUMINAIRES. INDICATE, MAINTAIN POWER AND CONTINUITY TO ALL EXISTING CIRCUITS AND SYSTEMS SCHEDULED TO REMAIN IN SERVICE. REMOVE ALL ABANDONED SUPPORTS, HANGERS, FASTENERS, AND FASTENER ANCHORS FLUSH WITH BUILDING SURFACES.
- 3 WHERE ELECTRICAL EQUIPMENT, LUMINAIRES, OR DEVICES ARE INDICATED FOR REMOVAL, DISCONNECT AND REMOVE ASSOCIATED BRANCH CIRCUIT WIRING BACK TO THE NEAREST ACTIVE JUNCTION BOX (IF CIRCUIT SEES REMAINING LOADS) OR BACK TO SOURCE PANELBOARD. UPDATE PANEL DIRECTORY TO REFLECT REMOVED LOADS AS SPARES.
- 4 WHERE EXISTING CEILINGS ARE SCHEDULED FOR REMOVAL, EXISTING CEILING/MOUNTING SYSTEMS SCHEDULED TO REMAIN (INCLUDING BUT NOT LIMITED TO) SPREADERS, OCCUPIED SPACES, WIRING, AND SECURITY DEVICES) SHALL BE SAFELY DISCONNECTED, TEMPORARILY SECURED/SUPPORTED TO BUILDING STRUCTURE ABOVE FOR CEILING REMOVAL, AND REINSTALLED IN THE NEW CEILING GRID/TIES.
- 5 REMOVE ALL ABANDONED CEILING MOUNTED AND LOW-VOLTAGE DEVICES (SPEAKERS, SENSORS, CABLEING, CONDUIT, JOCKERS, AND RACEWAYS) IN THEIR ENTIRETY BACK TO SOURCE/HEADEND RACKS.
- 6 CONTRACTOR TO FIELD VERIFY CAPACITY EXISTING PANEL CAPACITIES, TRACT CIRCUITS, AND CONFIRM AVAILABLE SPARE BREAKER SPACES FOR NEW WORK. NOTIFY OWNER OF ANY SPACE OR CAPACITY CONFLICTS PRIOR TO ROUGH-IN.



MADISON, WI | WAUKESHA, WI

6 DISCONNECT EXISTING ELECTRICAL POWER AND CONTROL WIRING TO AIR HANDLING UNIT (AHU). AHU EQUIPMENT DEMOLITION AND REMOVAL BY MECHANICAL CONTRACTOR, DIV. 23.

8 DISCONNECT EXISTING FAN COIL UNIT (FCU). REMOVE ASSOCIATED DISCONNECT SWITCH, CONDUIT, AND CONDUCTORS BACK TO SOURCE PANEL. REMOVE CIRCUIT BREAKER (OR TURN TO OFF POSITION AND LABEL AS SPARE), AND UPDATE PANEL DIRECTORY ACCORDINGLY FAN REMOVAL BY DIV. 23.



EXISTING CEILING-MOUNTED DEVICES (LUMINAIRES, FIRE ALARM NOTIFICATION/DETECTION, WAPS, SPEAKERS, AND SENSORS) SHALL BE DISCONNECTED AS REQUIRED, TEMPORARILY SECURED AND SUPPORTED TO BUILDING STRUCTURE ABOVE DURING CEILING DEMOLITION, AND REINSTALLED IN NEW CEILING GRID/TILES. EXISTING LIGHTING CONTROL SYSTEM AND CIRCUITRY TO REMAIN IN SERVICE.

FIRST FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

CONSTRUCTION DRAWINGS

**ISSUED FOR
CONSTRUCTION**

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DATE	08/31/202
PROJECT NO.	20250

PROJECT TITLE
SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

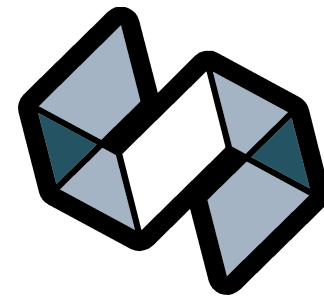
515 Oak St
Baraboo, WI 53913

SHEET NAME

FIRST FLOOR
DEMOLITION PLAN
(PHASE 1 & 2)

SHEET NO.

E101



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ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

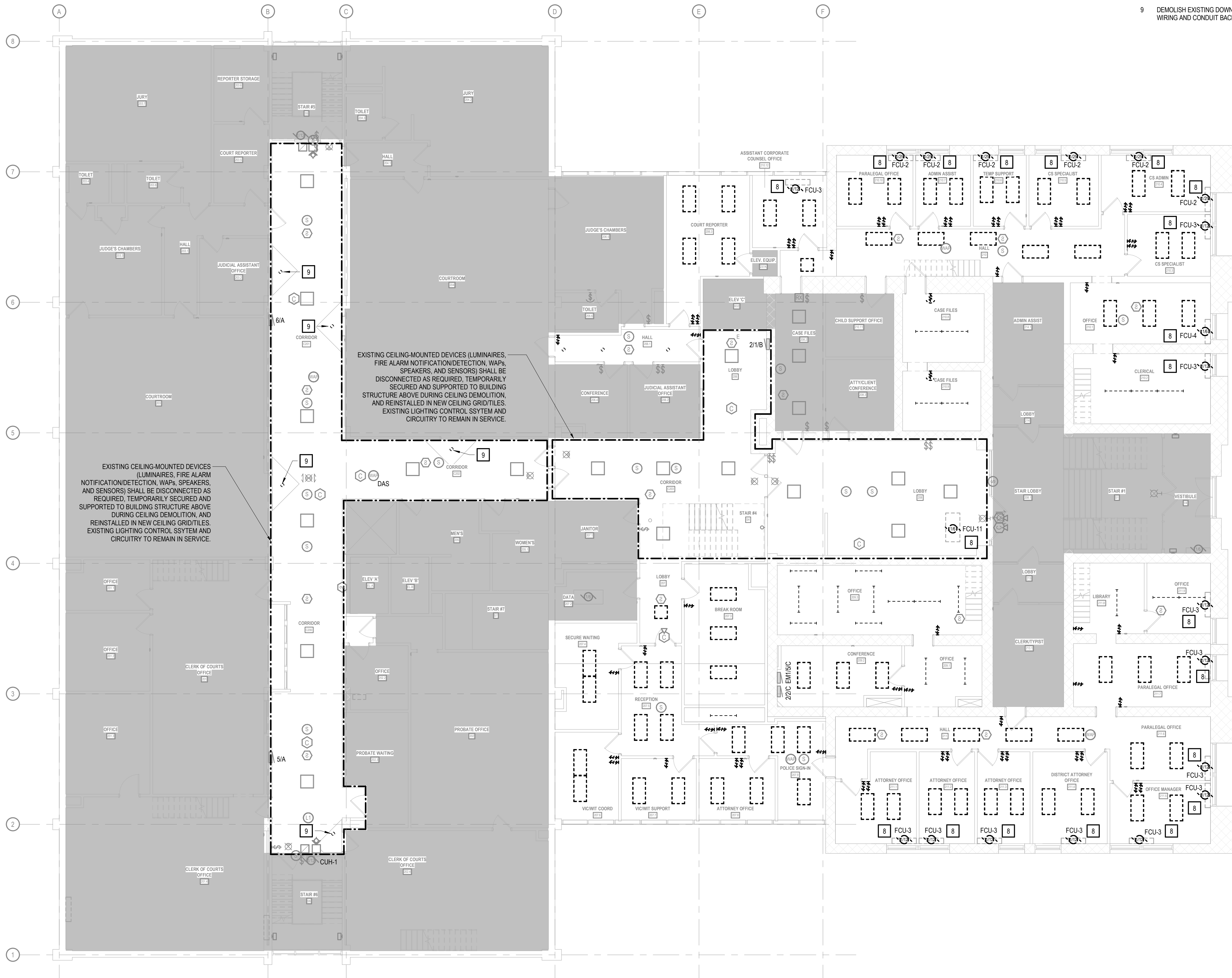
MADISON, WI | WAUKESHA, WI

GENERAL DEMOLITION NOTES

- 1 FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING DEMOLITION. EXISTING CONDUIT, RACEWAYS, BOXES, LUMINAIRES, AND SUPPORT SYSTEMS THAT INTERFERE WITH OR MUST BE MODIFIED/RELOCATED FOR NEW WORK SHALL BE INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK.
- 2 REMOVE ALL DEMOLISHED CONDUIT, CONDUCTORS, BOXES, WIRING DEVICES, AND LUMINAIRES INDICATED. MAINTAIN POWER AND CONTINUITY TO ALL EXISTING CIRCUITS AND SYSTEMS SCHEDULED TO REMAIN IN SERVICE. REMOVE ALL ABANDONED SUPPORTS, HANGERS, FASTENERS, AND FASTENER ANCHORS FLUSH WITH BUILDING SURFACES.
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- 4 WHERE EXISTING CEILINGS ARE SCHEDULED FOR REMOVAL, EXISTING CEILING-MOUNTED SYSTEMS SCHEDULED TO REMAIN (INCLUDING BUT NOT LIMITED TO SPEAKERS, OCCUPANCY SENSORS, WAPs, AND SECURITY CAMERAS) SHALL BE SAFELY DISCONNECTED, TEMPORARILY SECURED/SUPPORTED TO BUILDING STRUCTURE ABOVE FOR CEILING REMOVAL, AND REINSTALLED IN THE NEW CEILING GRID/TILES.
- 5 REMOVE ALL ABANDONED CEILING-MOUNTED AND LOW-VOLTAGE DEVICES (SPEAKERS, SENSORS, CABLING, CONDUIT, J-BOXES, AND RACEWAYS) IN THEIR ENTIRETY BACK TO SOURCE/HEADEND RACK.
- 6 CONTRACTOR TO FIELD VERIFY EXISTING PANEL CAPACITIES, TRACE CIRCUITS, AND CONFIRM AVAILABLE SPARE BREAKER SPACES FOR NEW WORK. NOTIFY ENGINEER OF ANY SPACE OR CAPACITY CONFLICTS PRIOR TO ROUGH-IN.

SPECIFIC DEMOLITION NOTES

- 8 DISCONNECT EXISTING FAN COIL UNIT (FCU). REMOVE ASSOCIATED DISCONNECT SWITCH, CONDUIT, AND CONDUCTORS BACK TO SOURCE PANEL. REMOVE CIRCUIT BREAKER (OR TURN TO OFF POSITION AND LABEL AS SPARE), AND UPDATE PANEL DIRECTORY ACCORDINGLY. FAN REMOVAL BY DIV. 23.
- 9 DEMOLISH EXISTING DOWNLIGHT AND REMOVE EXISTING BRANCH CIRCUIT WIRING AND CONDUIT BACK TO NEAREST JUNCTION BOX.



CONSTRUCTION
DRAWINGS

ISSUED FOR
CONSTRUCTION

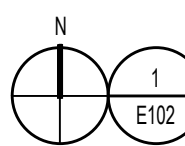
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DRAWING SET	CD
DATE	08/31/2026
PROJECT NO.	2025012

PROJECT TITLE
SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

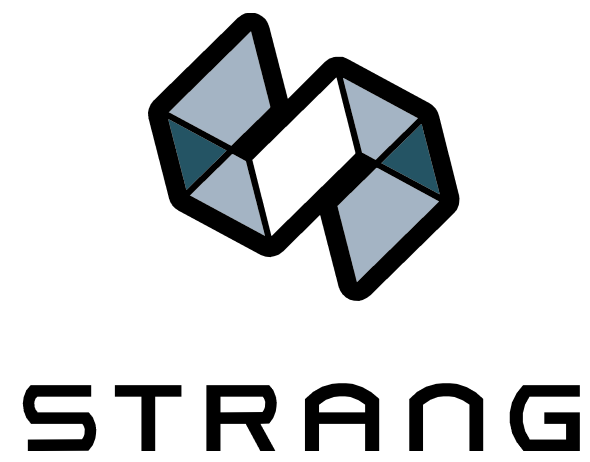
SHEET NAME
SECOND FLOOR
DEMOLITION PLAN
(PHASE 2)

SHEET NO.



SECOND FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

E102



ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

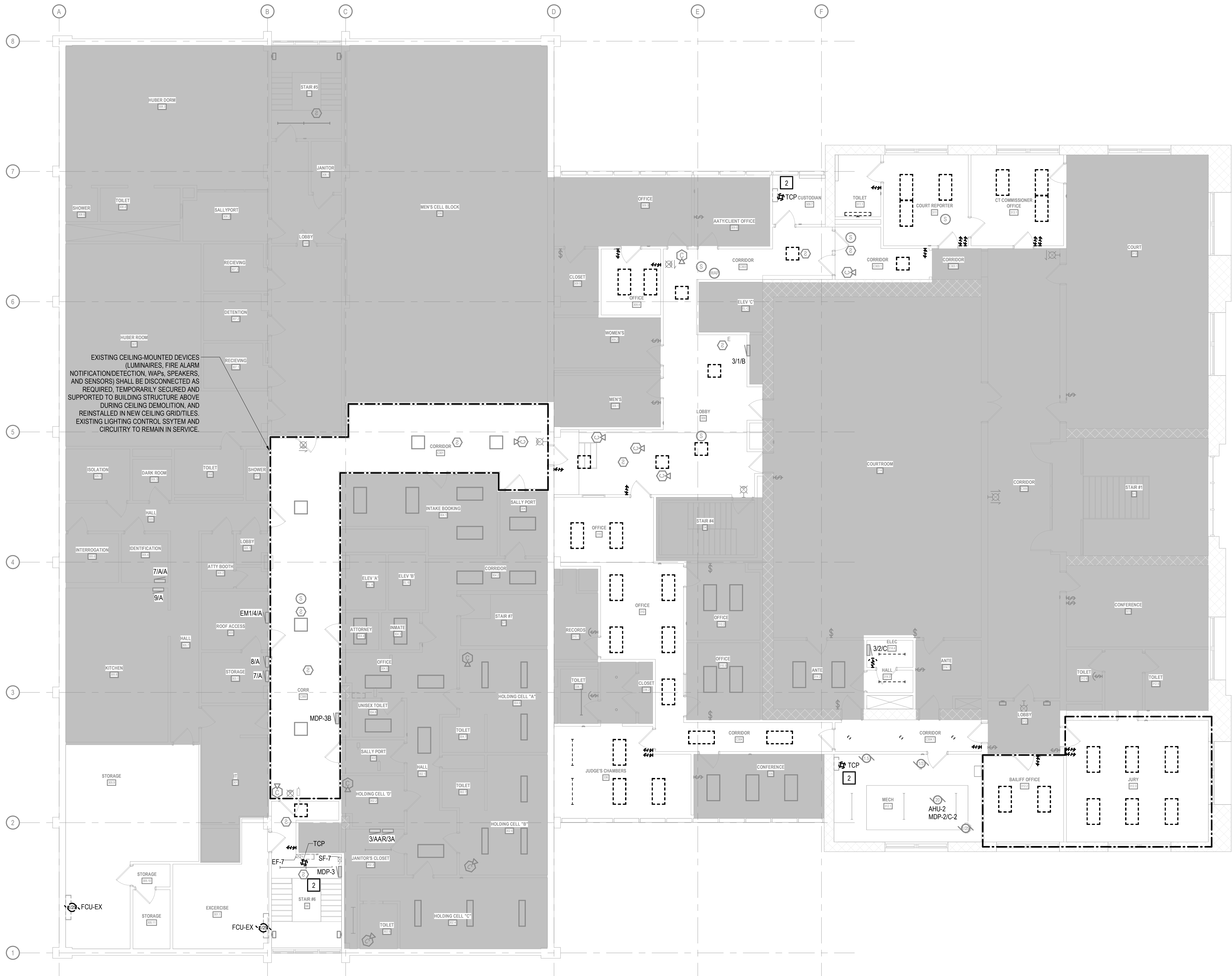
MADISON, WI | WAUKESHA, WI

GENERAL DEMOLITION NOTES

- 1 FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING DEMOLITION. EXISTING CONDUIT, RACEWAYS, BOXES, LUMINAIRES, AND SUPPORT SYSTEMS THAT INTERFERE WITH OR MUST BE MODIFIED/RELOCATED FOR NEW WORK SHALL BE INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK.
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- 4 WHERE EXISTING CEILINGS ARE SCHEDULED FOR REMOVAL, EXISTING CEILING-MOUNTED SYSTEMS SCHEDULED TO REMAIN (INCLUDING BUT NOT LIMITED TO SPEAKERS, OCCUPANCY SENSORS, WAPs, AND SECURITY CAMERAS) SHALL BE SAFELY DISCONNECTED, TEMPORARILY SECURED/SUPPORTED TO BUILDING STRUCTURE ABOVE FOR CEILING REMOVAL, AND REINSTALLED IN THE NEW CEILING GRID/TILES.
- 5 REMOVE ALL ABANDONED CEILING-MOUNTED AND LOW-VOLTAGE DEVICES (SPEAKERS, SENSORS, CABLING, CONDUIT, J-BOXES, AND RACEWAYS) IN THEIR ENTIRETY BACK TO SOURCE/HEADEND RACK.
- 6 CONTRACTOR TO FIELD VERIFY EXISTING PANEL CAPACITIES, TRACE CIRCUITS, AND CONFIRM AVAILABLE SPARE BREAKER SPACES FOR NEW WORK. NOTIFY ENGINEER OF ANY SPACE OR CAPACITY CONFLICTS PRIOR TO ROUGH-IN.

SPECIFIC DEMOLITION NOTES

- 2 DISCONNECT EXISTING TEMPERATURE CONTROL PANEL, SALVAGE EXISTING BRANCH CIRCUIT RACEWAY AND CONDUCTORS TO BE REUSED FOR NEW TCP POWER.



CONSTRUCTION
DRAWINGS

ISSUED FOR
CONSTRUCTION

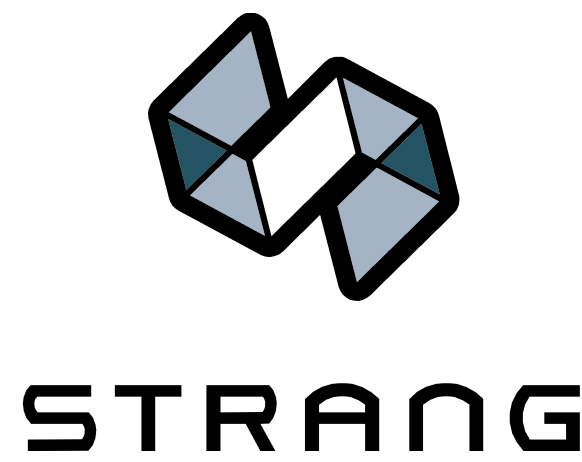
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DRAWING SET	CD
DATE	08/31/2026
PROJECT NO.	2025012

PROJECT TITLE
SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

SHEET NAME
THIRD FLOOR
DEMOLITION PLAN
(PHASE 3)

SHEET NO.



ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

GENERAL DEMOLITION NOTES

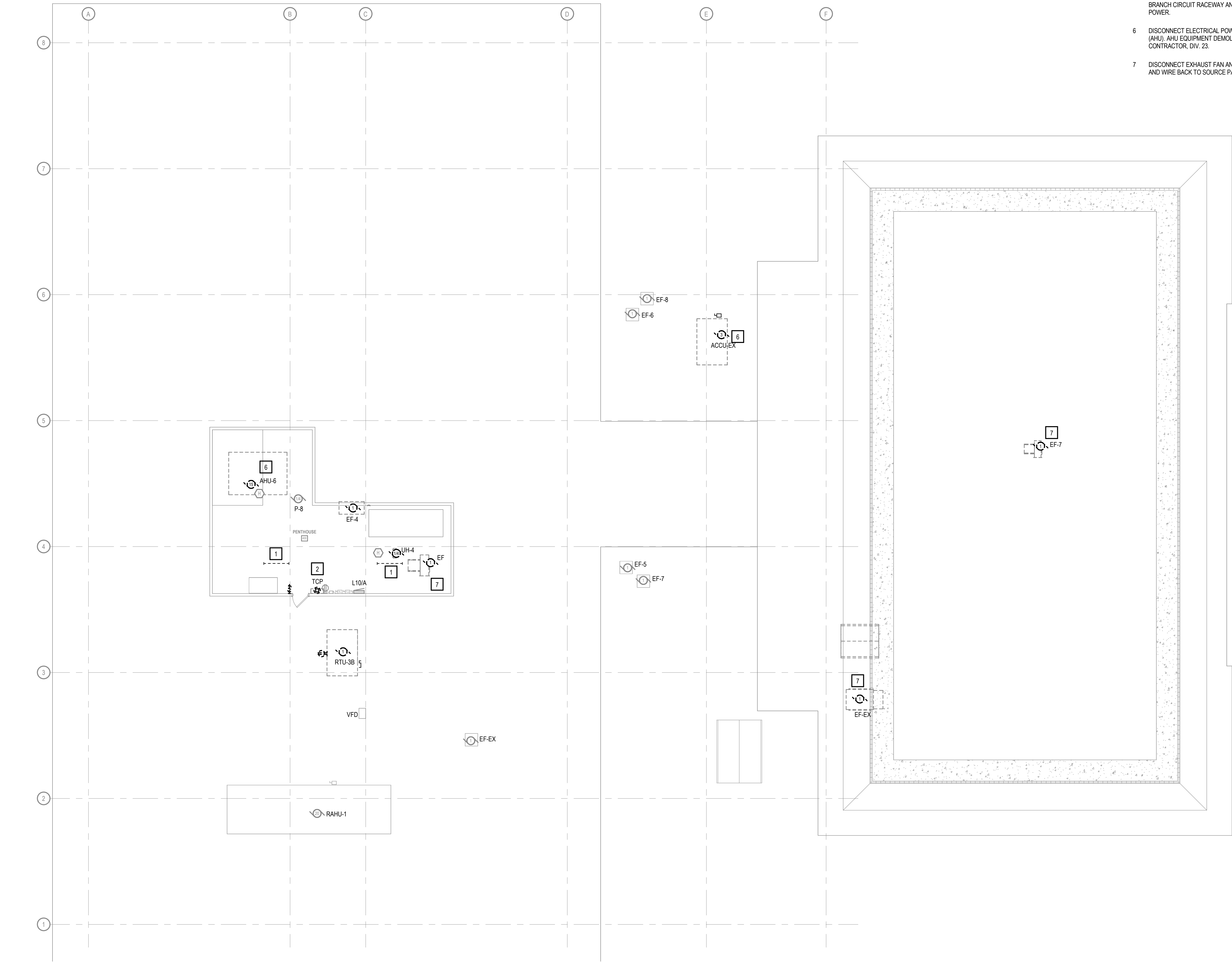
- 1 FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING DEMOLITION. EXISTING CONDUIT, RACEWAYS, BOXES, LUMINAIRES, AND SUPPORT SYSTEMS THAT INTERFERE WITH OR MUST BE MODIFIED/RELOCATED FOR NEW WORK SHALL BE INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK.
- 2 REMOVE ALL DEMOLISHED CONDUIT, CONDUCTORS, BOXES, WIRING DEVICES, AND LUMINAIRES INDICATED. MAINTAIN POWER AND CONTINUITY TO ALL EXISTING CIRCUITS AND SYSTEMS SCHEDULED TO REMAIN IN SERVICE. REMOVE ALL ABANDONED SUPPORTS, HANGERS, FASTENERS, AND FASTENER ANCHORS FLUSH WITH BUILDING SURFACES.
- 3 WHERE ELECTRICAL EQUIPMENT, LUMINAIRES, OR DEVICES ARE INDICATED FOR REMOVAL, DISCONNECT AND REMOVE ASSOCIATED BRANCH CIRCUIT WIRING BACK TO THE NEAREST ACTIVE JUNCTION BOX (IF CIRCUIT SERVES REMAINING LOADS) OR BACK TO SOURCE PANELBOARD. UPDATE PANEL DIRECTORY TO REFLECT REMOVED LOADS AS SPARES.
- 4 WHERE EXISTING CEILINGS ARE SCHEDULED FOR REMOVAL, EXISTING CEILING-MOUNTED SYSTEMS SCHEDULED TO REMAIN (INCLUDING BUT NOT LIMITED TO SPEAKERS, OCCUPANCY SENSORS, WAPs, AND SECURITY CAMERAS) SHALL BE SAFELY DISCONNECTED, TEMPORARILY SECURED/SUPPORTED TO BUILDING STRUCTURE ABOVE FOR CEILING REMOVAL, AND REINSTALLED IN THE NEW CEILING GRID/TILES.
- 5 REMOVE ALL ABANDONED CEILING-MOUNTED AND LOW-VOLTAGE DEVICES (SPEAKERS, SENSORS, CABLING, CONDUIT, J-BOXES, AND RACEWAYS) IN THEIR ENTIRETY BACK TO SOURCE/HEADEND RACK.
- 6 CONTRACTOR TO FIELD VERIFY EXISTING PANEL CAPACITIES, TRACE CIRCUITS, AND CONFIRM AVAILABLE SPARE BREAKER SPACES FOR NEW WORK. NOTIFY ENGINEER OF ANY SPACE OR CAPACITY CONFLICTS PRIOR TO ROUGH-IN.

SPECIFIC DEMOLITION NOTES

- 1 REMOVE EXISTING LIGHT FIXTURE(S), CONTROLS, AND ASSOCIATED CONDUIT/WIRING BACK TO NEAREST JUNCTION BOX TO REMAIN.
- 2 DISCONNECT EXISTING TEMPERATURE CONTROL PANEL. SALVAGE EXISTING BRANCH CIRCUIT RACEWAY AND CONDUCTORS TO BE REUSED FOR NEW TCP POWER.
- 6 DISCONNECT ELECTRICAL POWER AND CONTROL WIRING TO AIR HANDLING UNIT (AHU). AHU EQUIPMENT DEMOLITION AND REMOVAL BY MECHANICAL CONTRACTOR, DIV. 23.
- 7 DISCONNECT EXHAUST FAN AND REMOVE ASSOCIATED DISCONNECT, CONDUIT AND WIRE BACK TO SOURCE PANEL. EF REMOVAL BY DIV. 23.

CONSTRUCTION
DRAWINGS

ISSUED FOR
CONSTRUCTION



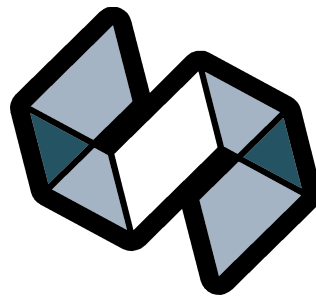
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DRAWING SET	CD
DATE	08/31/2026
PROJECT NO.	2025012

PROJECT TITLE
SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

SHEET NAME
PENTHOUSE AND
ROOF DEMOLITION
PLAN (PHASE 3)

SHEET NO.



STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

GENERAL LIGHTING NOTES

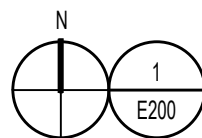
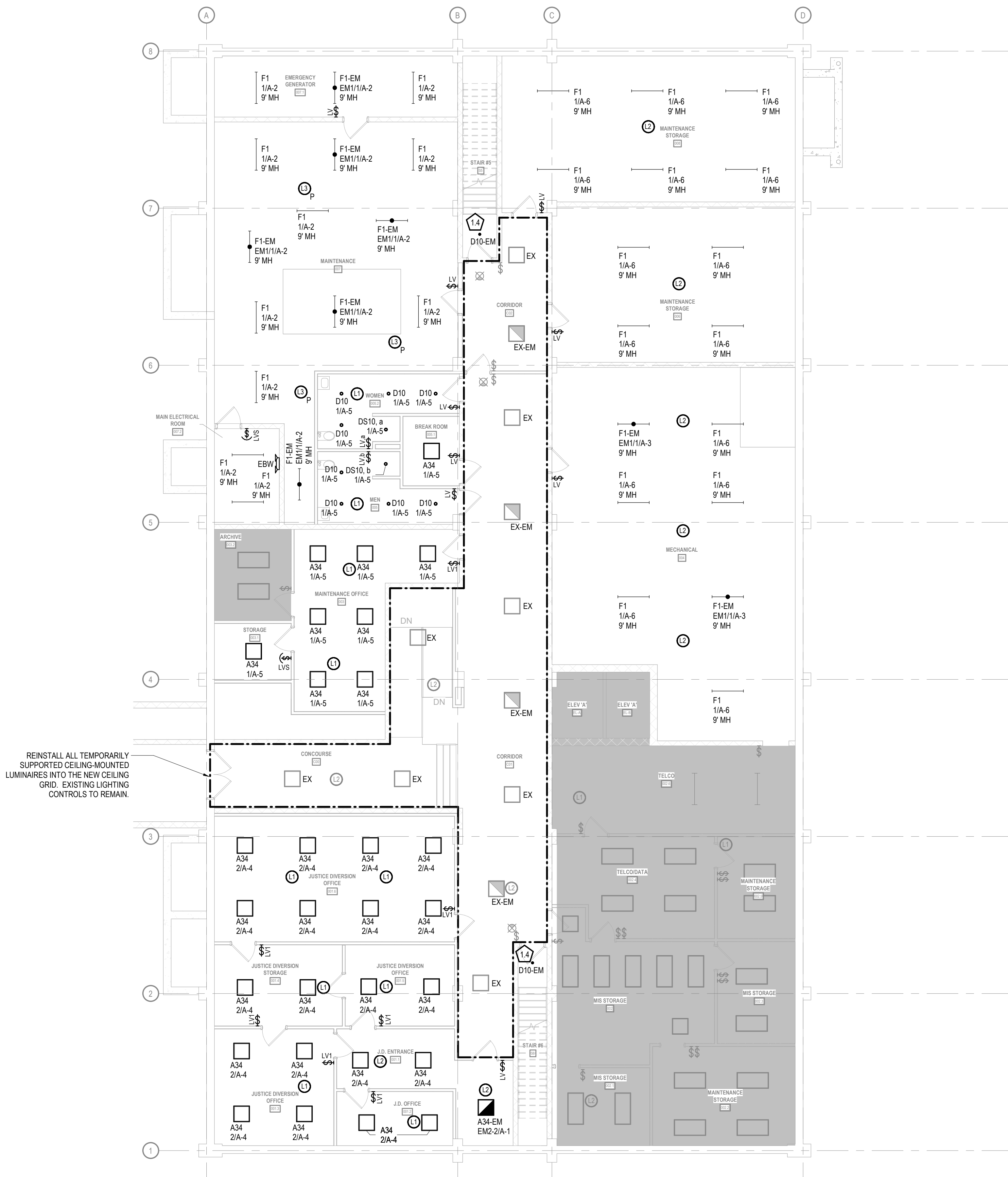
- REFER TO SHEET E911 FOR ALL LIGHTING CONTROL SEQUENCES OF OPERATION.
- COORDINATE FINAL LOCATIONS OF ALL LUMINAIRES, SENSORS, AND CONTROLS WITH ARCHITECTURAL REFLECTED CEILING PLANS (RCP) PRIOR TO ROUGH-IN.
- CONNECT EXIT SIGNS UNSWITCHED TO THE LOCAL EMERGENCY BRANCH CIRCUIT AHEAD OF ALL LIGHTING CONTROLS.
- WHERE MULTIPLE OCCUPANCY SENSORS SERVE A SINGLE ROOM OR CORRIDOR, INTERCONNECT SENSORS SO THAT ANY DETECTED MOTION ENERGIZES ALL ASSOCIATED LUMINAIRES SIMULTANEOUSLY.
- CONTROL ALL LUMINAIRES WITHIN ENCLOSED STAIRWELLS TOGETHER AS A SINGLE LIGHTING ZONE.
- REFER TO SHEET E911 FOR LUMINAIRE SCHEDULE.
- PROVIDE COMPLETE OCCUPANCY/VACANCY SENSOR COVERAGE IN ALL DESIGNATED SPACES. REFER TO SPECIFICATION SECTION 26 09 26 FOR AUXILIARY CONTACT REQUIREMENTS.
- AT ALL LOCATIONS WHERE EXISTING TWO-GANG LIGHTING CONTROLS ARE REDUCED TO A SINGLE SWITCH, REUSE THE EXISTING TWO-GANG BACKBOX TO AVOID DRYWALL PATCHING. PROVIDE A NEW TWO-GANG DEVICE FACEPLATE FEATURING ONE ACTIVE SWITCH AND ONE BLANK INSERT.

SPECIFIC LIGHTING NOTES

- CONNECT LUMINAIRE TO EXISTING EMERGENCY BRANCH CIRCUIT AND RECONNECT TO EXISTING LIGHTING CONTROLS VIA NEW UL924 RELAY.

CONSTRUCTION
DRAWINGS

ISSUED FOR
CONSTRUCTION



BASEMENT FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"

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DATE	08/31/2026
PROJECT NO.	2025012

PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

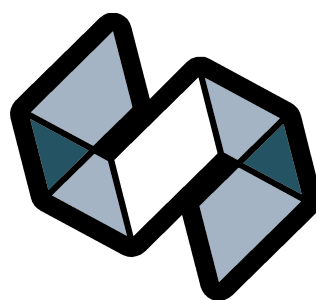
515 Oak St
Baraboo, WI 53913

SHEET NAME

BASEMENT FLOOR
LIGHTING PLAN
(PHASE 1)

SHEET NO.

E200



STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

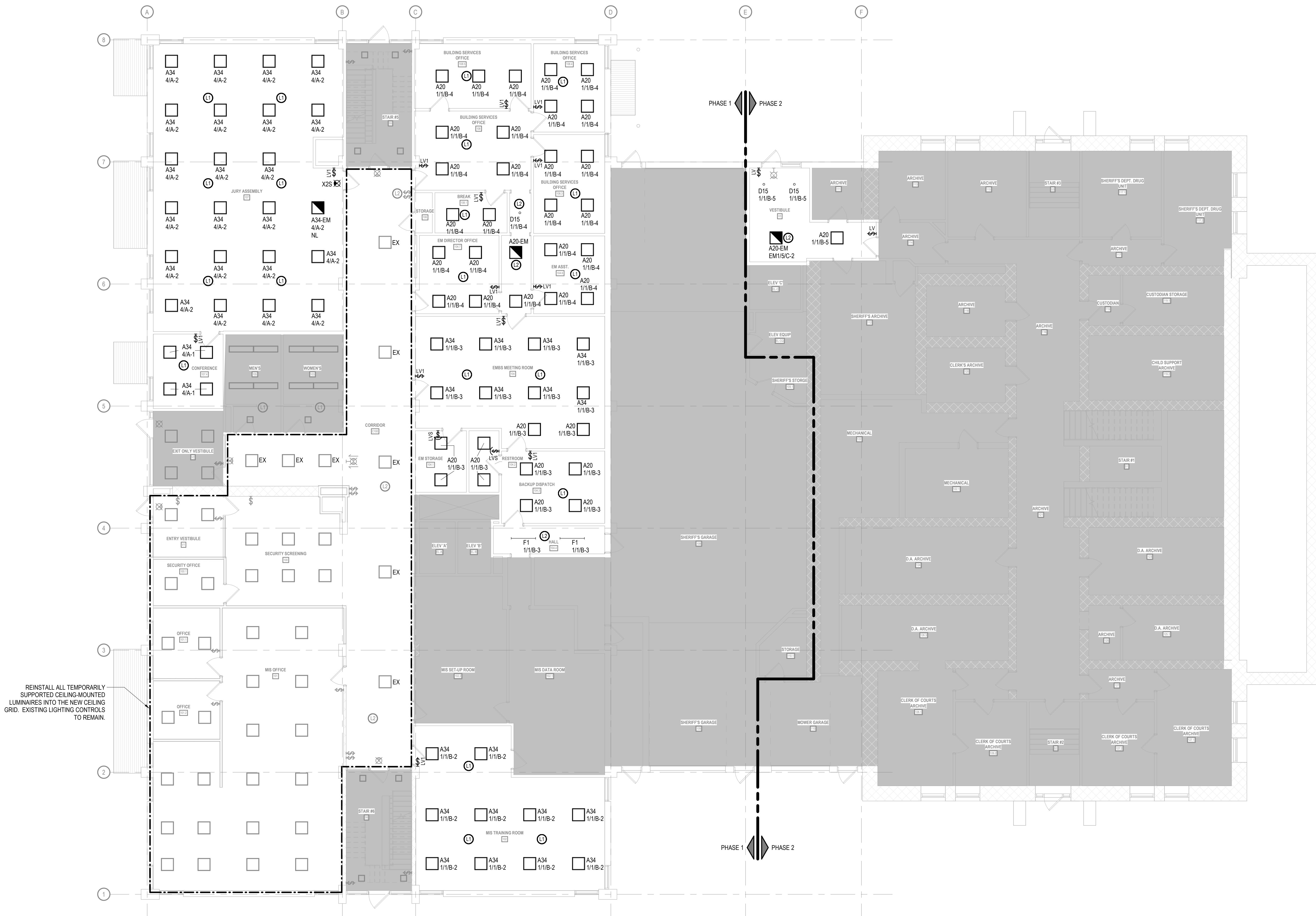
MADISON, WI | WAUKESHA, WI

GENERAL LIGHTING NOTES

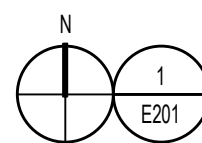
- 1 REFER TO SHEET E911 FOR ALL LIGHTING CONTROL SEQUENCES OF OPERATION.
- 2 COORDINATE FINAL LOCATIONS OF ALL LUMINAIRES, SENSORS, AND CONTROLS WITH ARCHITECTURAL REFLECTED CEILING PLANS (RCP) PRIOR TO ROUGH-IN.
- 3 CONNECT EXIT SIGNS UNSWITCHED TO THE LOCAL EMERGENCY BRANCH CIRCUIT AHEAD OF ALL LIGHTING CONTROLS.
- 4 WHERE MULTIPLE OCCUPANCY SENSORS SERVE A SINGLE ROOM OR CORRIDOR, INTERCONNECT SENSORS SO THAT ANY DETECTED MOTION ENERGIZES ALL ASSOCIATED LUMINAIRES SIMULTANEOUSLY.
- 5 CONTROL ALL LUMINAIRES WITHIN ENCLOSED STAIRWELLS TOGETHER AS A SINGLE LIGHTING ZONE.
- 6 REFER TO SHEET E911 FOR LUMINAIRE SCHEDULE.
- 7 PROVIDE COMPLETE OCCUPANCY/VACANCY SENSOR COVERAGE IN ALL DESIGNATED SPACES. REFER TO SPECIFICATION SECTION 26 09 26 FOR AUXILIARY CONTACT REQUIREMENTS.
- 8 AT ALL LOCATIONS WHERE EXISTING TWO-GANG LIGHTING CONTROLS ARE REDUCED TO A SINGLE SWITCH, REUSE THE EXISTING TWO-GANG BACKBOX TO AVOID DRYWALL PATCHING. PROVIDE A NEW TWO-GANG DEVICE FACEPLATE FEATURING ONE ACTIVE SWITCH AND ONE BLANK INSERT.

CONSTRUCTION
DRAWINGS

ISSUED FOR
CONSTRUCTION



REINSTALL ALL TEMPORARILY
SUPPORTED CEILING-MOUNTED
LUMINAIRES INTO THE NEW CEILING
GRID. EXISTING LIGHTING CONTROLS
TO REMAIN.



FIRST FLOOR LIGHTING PLAN

SCALE: 1/8" = 1'-0"

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DRAWING SET	CD
DATE	08/31/2026
PROJECT NO.	2025012

PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

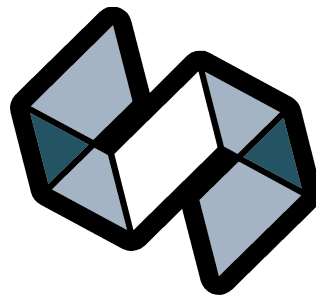
515 Oak St
Baraboo, WI 53913

SHEET NAME

FIRST FLOOR
LIGHTING PLAN
(PHASE 1 & 2)

SHEET NO.

E201



STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

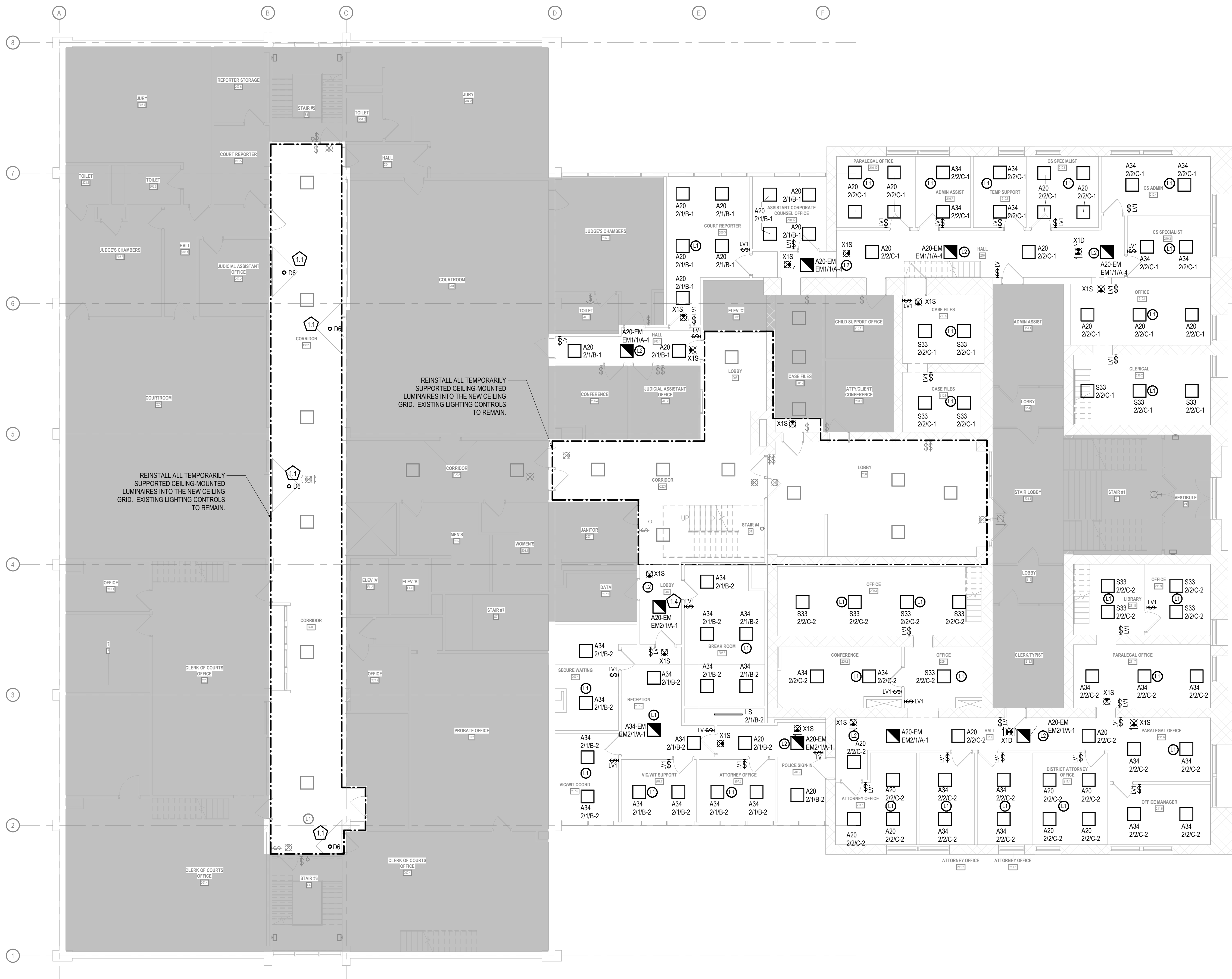
MADISON, WI | WAUKESHA, WI

GENERAL LIGHTING NOTES

- REFER TO SHEET E911 FOR ALL LIGHTING CONTROL SEQUENCES OF OPERATION.
- COORDINATE FINAL LOCATIONS OF ALL LUMINAIRES, SENSORS, AND CONTROLS WITH ARCHITECTURAL REFLECTED CEILING PLANS (RCP) PRIOR TO ROUGH-IN.
- CONNECT EXIT SIGNS UNSWITCHED TO THE LOCAL EMERGENCY BRANCH CIRCUIT AHEAD OF ALL LIGHTING CONTROLS.
- WHERE MULTIPLE OCCUPANCY SENSORS SERVE A SINGLE ROOM OR CORRIDOR, INTERCONNECT SENSORS SO THAT ANY DETECTED MOTION ENERGIZES ALL ASSOCIATED LUMINAIRES SIMULTANEOUSLY.
- CONTROL ALL LUMINAIRES WITHIN ENCLOSED STAIRWELLS TOGETHER AS A SINGLE LIGHTING ZONE.
- REFER TO SHEET E911 FOR LUMINAIRE SCHEDULE.
- PROVIDE COMPLETE OCCUPANCY/VACANCY SENSOR COVERAGE IN ALL DESIGNATED SPACES. REFER TO SPECIFICATION SECTION 26 09 26 FOR AUXILIARY CONTACT REQUIREMENTS.
- AT ALL LOCATIONS WHERE EXISTING TWO-GANG LIGHTING CONTROLS ARE REDUCED TO A SINGLE SWITCH, REUSE THE EXISTING TWO-GANG BACKBOX TO AVOID DRYWALL PATCHING. PROVIDE A NEW TWO-GANG DEVICE FACEPLATE FEATURING ONE ACTIVE SWITCH AND ONE BLANK INSERT.

SPECIFIC LIGHTING NOTES

- 1.1 PROVIDE NEW LED DOWNLIGHT AND CONNECT TO EXISTING LIGHTING CIRCUIT.
- 1.4 CONNECT LUMINAIRE TO EXISTING EMERGENCY BRANCH CIRCUIT AND RECONNECT TO EXISTING LIGHTING CONTROLS VIA NEW UL924 RELAY.



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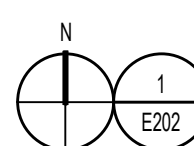
SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

SHEET NAME

SECOND FLOOR
LIGHTING PLAN
(PHASE 2)

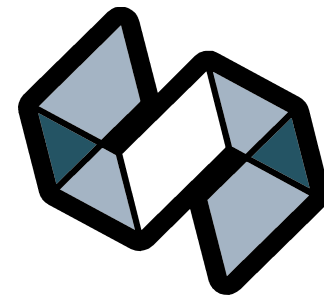
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SECOND FLOOR LIGHTING PLAN

SCALE: 1/8" = 1'-0"

E202



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ENGINEERING
INTERIOR DESIGN

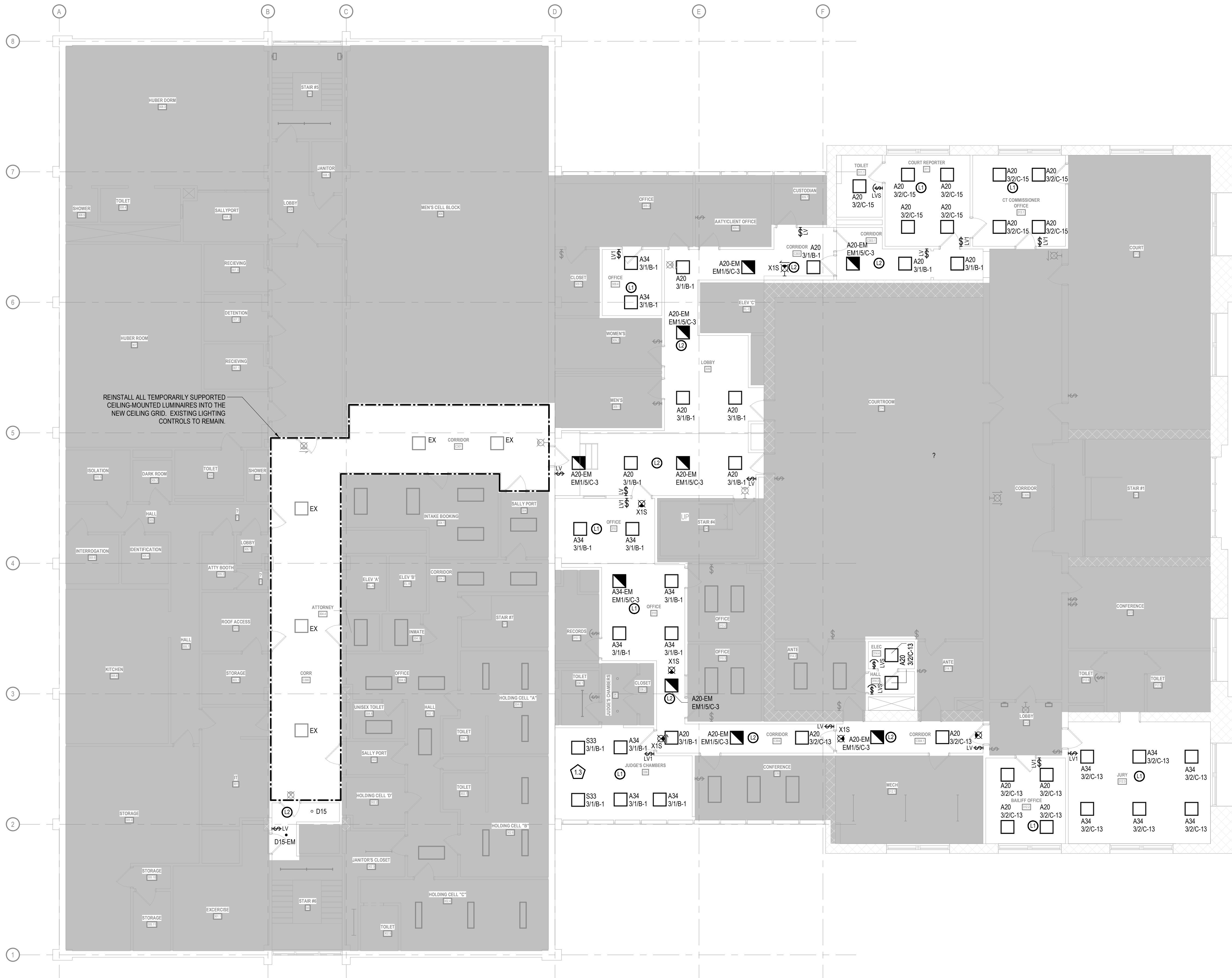
MADISON, WI | WAUKESHA, WI

GENERAL LIGHTING NOTES

- 1 REFER TO SHEET E911 FOR ALL LIGHTING CONTROL SEQUENCES OF OPERATION.
- 2 COORDINATE FINAL LOCATIONS OF ALL LUMINAIRES, SENSORS, AND CONTROLS WITH ARCHITECTURAL REFLECTED CEILING PLANS (RCP) PRIOR TO ROUGH-IN.
- 3 CONNECT EXIT SIGNS UNSWITCHED TO THE LOCAL EMERGENCY BRANCH CIRCUIT AHEAD OF ALL LIGHTING CONTROLS.
- 4 WHERE MULTIPLE OCCUPANCY SENSORS SERVE A SINGLE ROOM OR CORRIDOR, INTERCONNECT SENSORS SO THAT ANY DETECTED MOTION ENERGIZES ALL ASSOCIATED LUMINAIRES SIMULTANEOUSLY.
- 5 CONTROL ALL LUMINAIRES WITHIN ENCLOSED STAIRWELLS TOGETHER AS A SINGLE LIGHTING ZONE.
- 6 REFER TO SHEET E911 FOR LUMINAIRE SCHEDULE.
- 7 PROVIDE COMPLETE OCCUPANCY/VACANCY SENSOR COVERAGE IN ALL DESIGNATED SPACES. REFER TO SPECIFICATION SECTION 26 09 26 FOR AUXILIARY CONTACT REQUIREMENTS.
- 8 AT ALL LOCATIONS WHERE EXISTING TWO-GANG LIGHTING CONTROLS ARE REDUCED TO A SINGLE SWITCH, REUSE THE EXISTING TWO-GANG BACKBOX TO AVOID DRYWALL PATCHING. PROVIDE A NEW TWO-GANG DEVICE FACEPLATE FEATURING ONE ACTIVE SWITCH AND ONE BLANK INSERT.

SPECIFIC LIGHTING NOTES

- 13 PROVIDE NEW SURFACE-MOUNTED LUMINAIRE. PATCH, REPAIR, AND PAINT DRYWALL CEILING TO MATCH EXISTING FINISH FOLLOWING INSTALLATION.



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SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

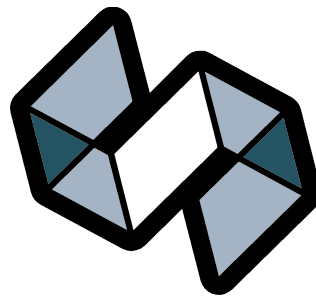
SHEET NAME

THIRD FLOOR
LIGHTING PLAN
(PHASE 3)

SHEET NO.

GENERAL LIGHTING NOTES

- REFER TO SHEET E911 FOR ALL LIGHTING CONTROL SEQUENCES OF OPERATION.
- COORDINATE FINAL LOCATIONS OF ALL LUMINAIRES, SENSORS, AND CONTROLS WITH ARCHITECTURAL REFLECTED CEILING PLANS (RCP) PRIOR TO ROUGH-IN.
- CONNECT EXIT SIGNS UNSWITCHED TO THE LOCAL EMERGENCY BRANCH CIRCUIT AHEAD OF ALL LIGHTING CONTROLS.
- WHERE MULTIPLE OCCUPANCY SENSORS SERVE A SINGLE ROOM OR CORRIDOR, INTERCONNECT SENSORS SO THAT ANY DETECTED MOTION ENERGIZES ALL ASSOCIATED LUMINAIRES SIMULTANEOUSLY.
- CONTROL ALL LUMINAIRES WITHIN ENCLOSED STAIRWELLS TOGETHER AS A SINGLE LIGHTING ZONE.
- REFER TO SHEET E911 FOR LUMINAIRE SCHEDULE.
- PROVIDE COMPLETE OCCUPANCY/VACANCY SENSOR COVERAGE IN ALL DESIGNATED SPACES. REFER TO SPECIFICATION SECTION 26 09 26 FOR AUXILIARY CONTACT REQUIREMENTS.
- AT ALL LOCATIONS WHERE EXISTING TWO-GANG LIGHTING CONTROLS ARE REDUCED TO A SINGLE SWITCH, REUSE THE EXISTING TWO-GANG BACKBOX TO AVOID DRYWALL PATCHING. PROVIDE A NEW TWO-GANG DEVICE FACEPLATE FEATURING ONE ACTIVE SWITCH AND ONE BLANK INSERT.



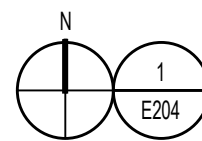
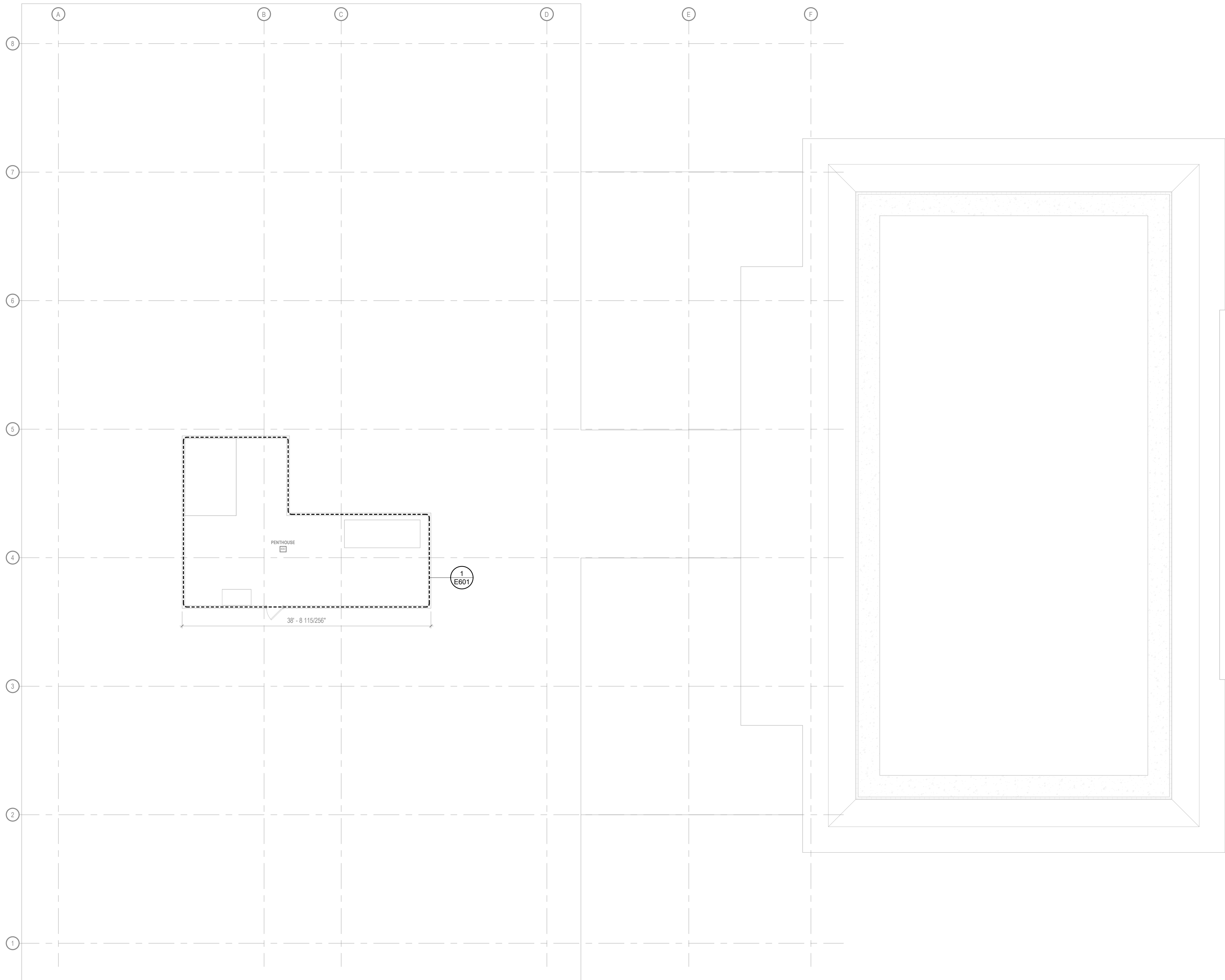
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INTERIOR DESIGN

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PENTHOUSE FLOOR LIGHTING PLAN

SCALE: 1/8" = 1'-0"

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SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

SHEET NAME

PENTHOUSE FLOOR
LIGHTING PLAN
(PHASE 3)

SHEET NO.

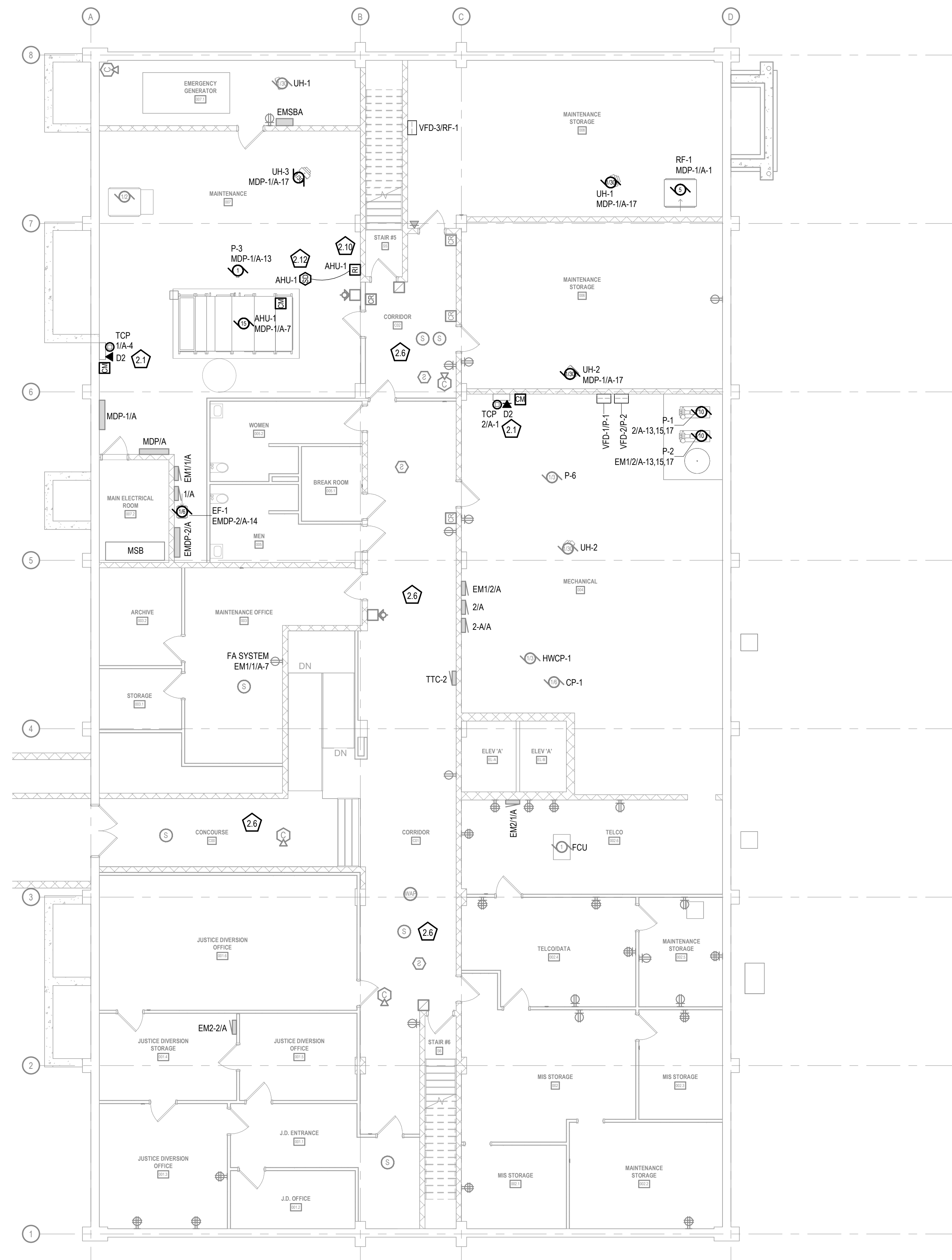
E204

- 1 CONTRACTOR SHALL LOAD BALANCE THE PANELBOARDS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- 2 SEE MECHANICAL AND PLUMBING SHEETS FOR ADDITIONAL INFORMATION RELATED TO ELECTRICAL.
- 3 BRANCH CIRCUIT NUMBER SEQUENTIAL ORDER IS FOR BOOKKEEPING PURPOSES ONLY AND MAY NOT REFLECT ACTUAL CIRCUIT BREAKER NUMBER SEQUENCE IN THE PANELBOARD. NUMBERS INDICATE WHICH DEVICES ARE CONNECTED TO A COMMON BRANCH CIRCUIT.
- 4 REFER TO SPECIFICATION SECTION 07 84 00 PENETRATION FIRE STOPPING FOR ALL FLOOR AND WALL PENETRATIONS THROUGH RATED WALLS. REFER TO THE ARCHITECTURAL LIFE SAFETY PLAN SHEETS FOR FLOOR AND WALL RATINGS.



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- 2.1 CONNECT TEMPERATURE CONTROL PANEL TO EXISTING CIRCUIT FREED DURING DEMOLITION. PROVIDE A FIRE ALARM CONTROL MODULE AND HARDWARE INTERLOCK TO INITIATE IMMEDIATE UNIT SHUTDOWN AND CLOSURE OF FIRE-SMoke DAMPERS UPON ALARM. PROVIDE A DATA CONNECTION TO THE PANEL TO INTERLOCK WITH THE BUILDING AUTOMATION SYSTEM (BAS) FOR REMOTE MONITORING AND CONTROL.
- 2.6 REINSTALL ALL TEMPORARILY SUPPORTED CEILING-MOUNTED DEVICES (INCLUDING FIRE ALARM DEVICES, WHIPS, SPEAKERS, AND SENSORS) INTO THE NEW CEILING GRID. VERIFY OPERATION OF ALL REINSTALLED FIRE ALARM DEVICES.
- 2.10 REMOTE TEST/RESET STATION WITH INTEGRAL TROUBLE-RESET FOR ASSOCIATED DUCT SMOKE DETECTOR. MOUNT AT 48" TO CENTER. PROVIDE CONDUIT AND WIRING BACK TO DUCT DETECTOR AND CONTROL MODULE AS REQUIRED BY THE MANUFACTURER. PROVIDE ENGRAVED NAMEPLATE IDENTIFYING ASSOCIATED AHU / DUCT DETECTOR LOCATION.
- 2.12 DUCT SMOKE DETECTOR LOCATION. EC SHALL PROVIDE ADDRESSABLE DUCT SMOKE DETECTOR HOUSING AND SAMPING TUBES (INSTALLED BY MC. WIRED BY EC). PROVIDE ADDRESSABLE CONTROL RELAY MODULE MOUNTED ADJACENT TO DETECTOR. WIRE DETECTOR TO DUCT SMOKE DETECTOR CONTROL TO ACCOMPLISH COMPLETE HVAC SHUTDOWN UPON ALARM. CONNECT DETECTOR AND CONTROL MODULE TO FIRE ALARM SLC AND 24VDC AUXILIARY POWER CIRCUIT.



 BASEMENT FLOOR POWER & SYSTEMS PLAN
SCALE: 1/8" = 1'-0"

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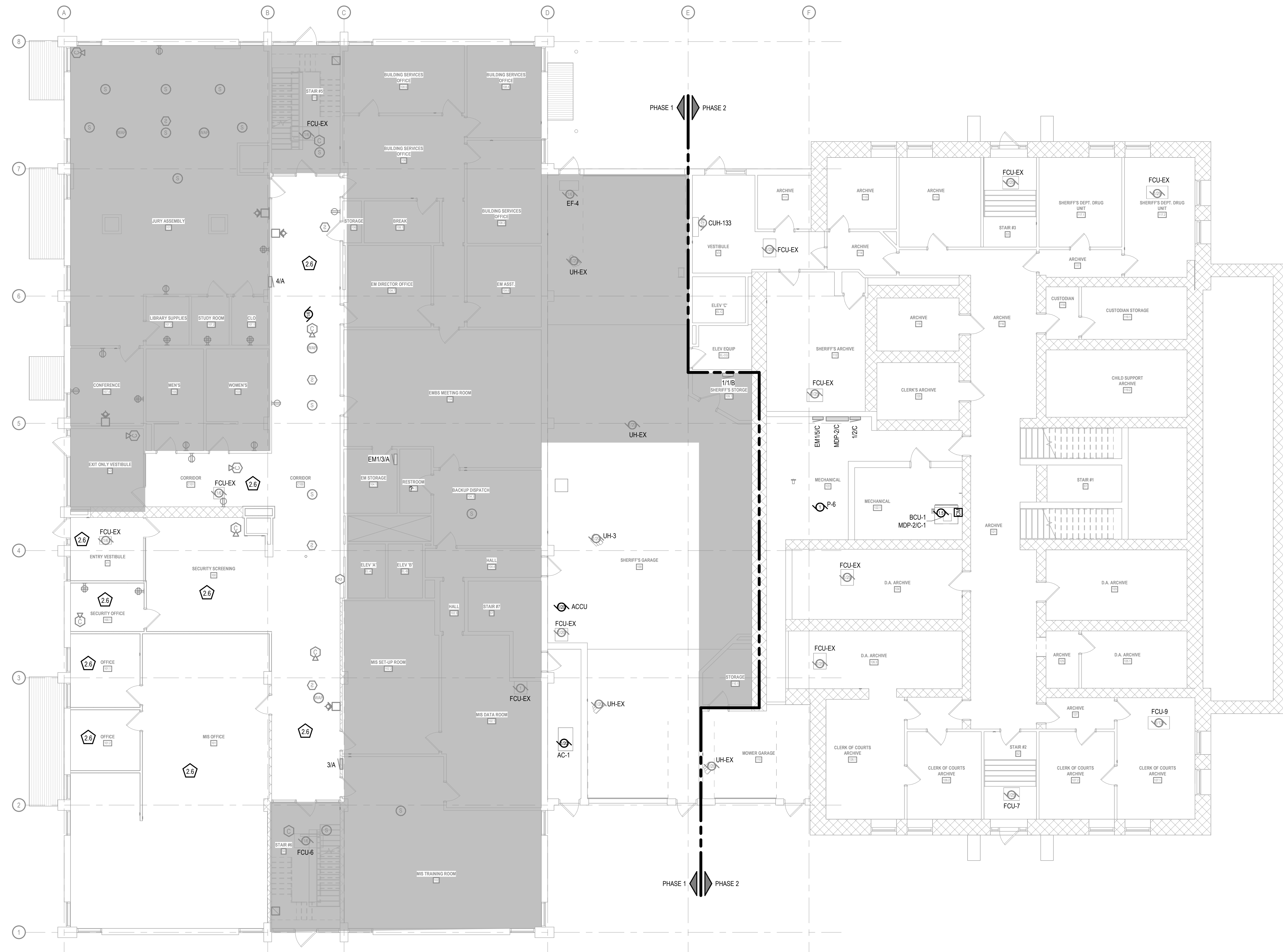
E300

- 1 CONTRACTOR SHALL LOAD BALANCE THE PANELBOARDS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- 2 SEE MECHANICAL AND PLUMBING SHEETS FOR ADDITIONAL INFORMATION RELATED TO ELECTRICAL.
- 3 BRANCH CIRCUIT NUMBER SEQUENTIAL ORDER IS FOR BOOKKEEPING PURPOSES ONLY AND MAY NOT REFLECT ACTUAL CIRCUIT BREAKER NUMBER SEQUENCE IN THE PANELBOARD. NUMBERS INDICATE WHICH DEVICES ARE CONNECTED TO A COMMON BRANCH CIRCUIT.
- 4 REFER TO SPECIFICATION SECTION 07 84 00 PENETRATION FIRE STOPPING FOR ALL FLOOR AND WALL PENETRATIONS THROUGH RATED WALLS. REFER TO THE ARCHITECTURAL LIFE SAFETY PLAN SHEETS FOR FLOOR AND WALL RATINGS.



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2.6 REINSTALL ALL TEMPORARILY SUPPORTED CEILING-MOUNTED DEVICES (INCLUDING FIRE ALARM DEVICES, WAPS, SPEAKERS, AND SENSORS) INTO THE NEW CEILING GRID. VERIFY OPERATION OF ALL REINSTALLED FIRE ALARM DEVICES.

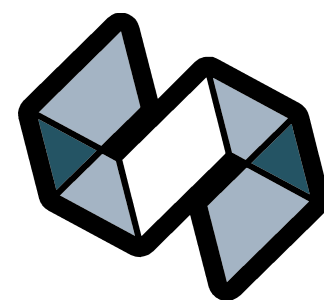


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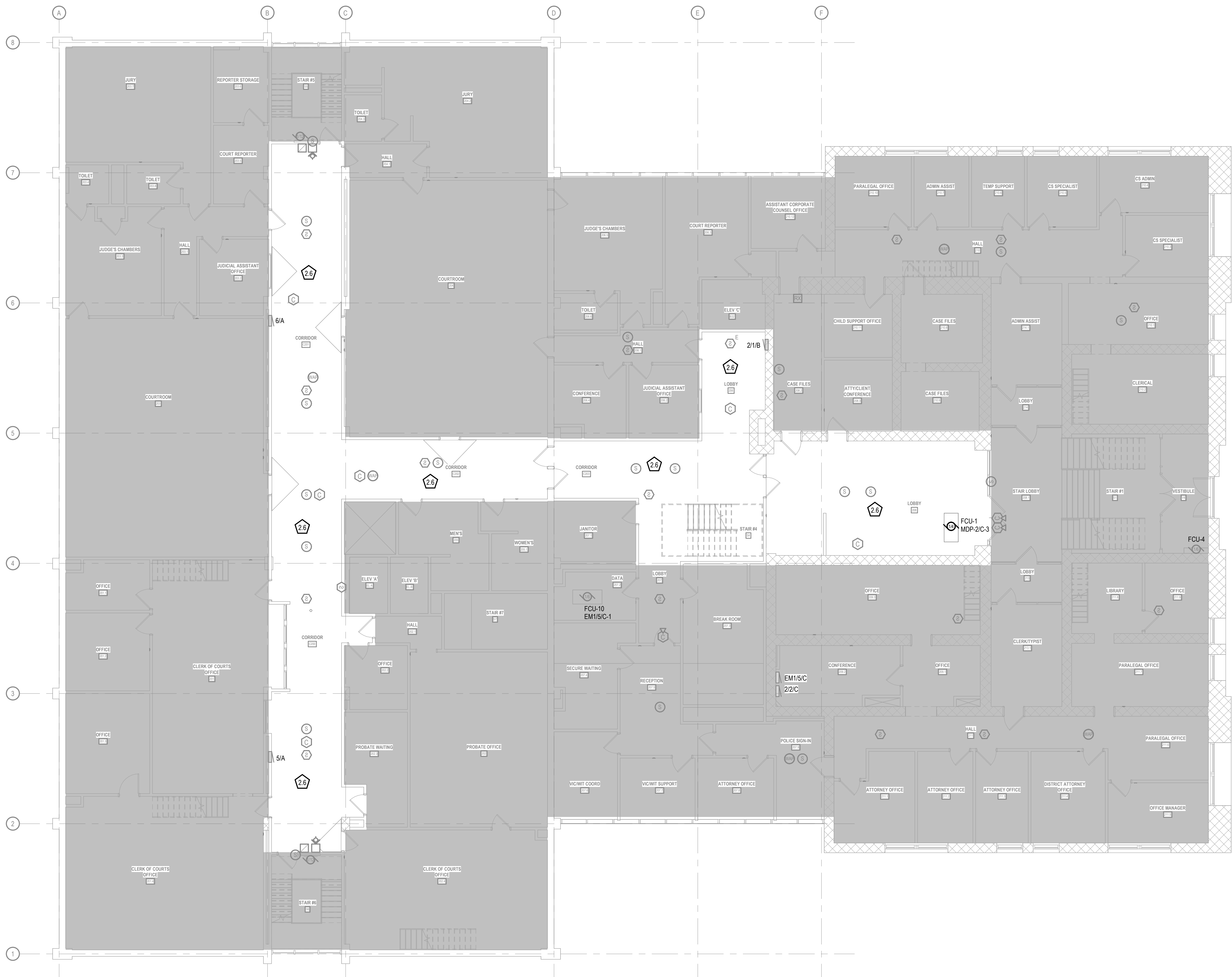
MADISON, WI | WAUKESHA, WI

GENERAL POWER NOTES

- 1 CONTRACTOR SHALL LOAD BALANCE THE PANELBOARDS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- 2 SEE MECHANICAL AND PLUMBING SHEETS FOR ADDITIONAL INFORMATION RELATED TO ELECTRICAL.
- 3 BRANCH CIRCUIT NUMBER SEQUENTIAL ORDER IS FOR BOOKKEEPING PURPOSES ONLY AND MAY NOT REFLECT ACTUAL CIRCUIT BREAKER NUMBER SEQUENCE IN THE PANELBOARD. NUMBERS INDICATE WHICH DEVICES ARE CONNECTED TO A COMMON BRANCH CIRCUIT.
- 4 REFER TO SPECIFICATION SECTION 07 84 00 PENETRATION FIRE STOPPING FOR ALL FLOOR AND WALL PENETRATIONS THROUGH RATED WALLS. REFER TO THE ARCHITECTURAL LIFE SAFETY PLAN SHEETS FOR FLOOR AND WALL RATINGS.

SPECIFIC POWER NOTES

- 2.6 REINSTALL ALL TEMPORARILY SUPPORTED CEILING-MOUNTED DEVICES (INCLUDING FIRE ALARM DEVICES, WAPS, SPEAKERS, AND SENSORS) INTO THE NEW CEILING GRID. VERIFY OPERATION OF ALL REINSTALLED FIRE ALARM DEVICES.



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PROJECT TITLE
SAUK COUNTY
COURTHOUSE HVAC
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UPGRADES

515 Oak St
Baraboo, WI 53913

SHEET NAME
SECOND FLOOR
POWER & SYSTEMS
PLAN (PHASE 2)

SHEET NO.

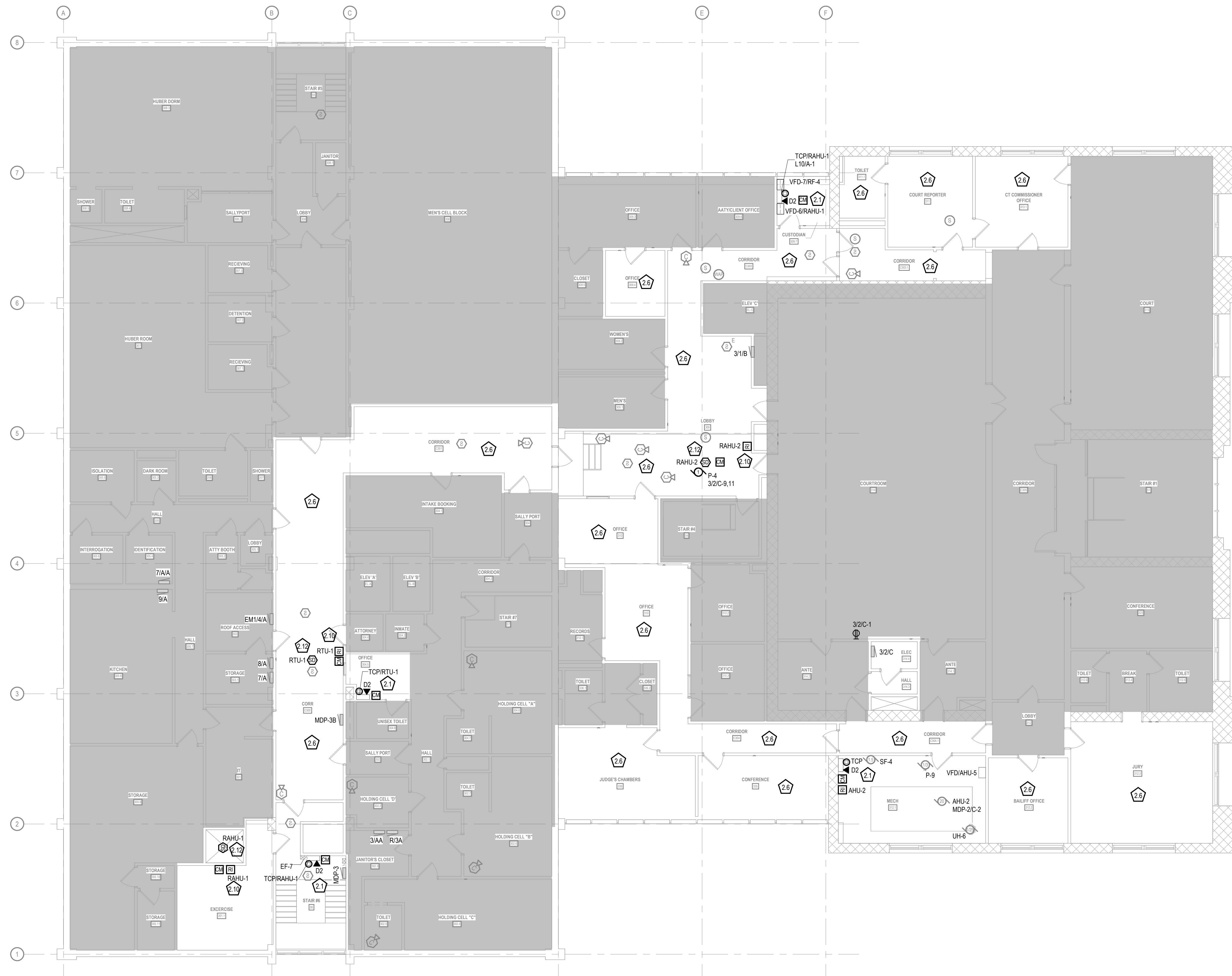
E302

- 1 CONTRACTOR SHALL LOAD BALANCE THE PANELBOARDS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- 2 SEE MECHANICAL AND PLUMBING SHEETS FOR ADDITIONAL INFORMATION RELATED TO ELECTRICAL.
- 3 BRANCH CIRCUIT NUMBER SEQUENTIAL ORDER IS FOR BOOKKEEPING PURPOSES ONLY AND MAY NOT REFLECT ACTUAL CIRCUIT BREAKER NUMBER SEQUENCE IN THE PANELBOARD. NUMBERS INDICATE WHICH DEVICES ARE CONNECTED TO A COMMON BRANCH CIRCUIT.
- 4 REFER TO SPECIFICATION SECTION 07 84 00 PENETRATION FIRE STOPPING FOR ALL FLOOR AND WALL PENETRATIONS THROUGH RATED WALLS. REFER TO THE ARCHITECTURAL LIFE SAFETY PLAN SHEETS FOR FLOOR AND WALL RATINGS.

- 2.1 CONTROL TEMPERATURE CONTROL PANEL TO EXISTING CIRCUIT FEED FREED DURING DEMOLITION. PROVIDE A FIRE ALARM CONTROL MODULE AND HARDWARE INTERLOCK TO INITIATE IMMEDIATE UNIT SHUTDOWN AND CLOSURE OF FIRE ALARM DAMPERS TO PREVENT ALARM FROM INITIATING A DIRECT CONNECTION TO THE PANEL TO INTEGRATE WITH THE BUILDING AUTOMATION SYSTEM (BAS) FOR REMOTE MONITORING AND CONTROL.
- 2.2 REINSTALL ALL TEMPORARILY SUPPORTED CEILING-MOUNTED DEVICES (INCLUDING FIRE ALARM DEVICES, VAPOR SPEAKERS, AND SENSORS) INTO THE NEW CEILING GRID. VERIFY OPERATION OF ALL REINSTALLED FIRE ALARM DEVICES.
- 2.3 REMOTE TEST/RESET STATION WITH INTEGRAL ALARM LED FOR ASSOCIATED DUCT SMOKE DETECTOR. MOUNT AT 4 FT. TO CENTER. PROVIDE CONDUIT AND WIRING BACK TO DUCT DETECTOR AND CONTROL MODULE AS REQUIRED BY THE MANUFACTURER. PROVIDE ENGRAVED NAMEPLATE IDENTIFYING ASSOCIATED AHU / DUCT DETECTOR SERVED.
- 2.4 DUCT SMOKE DETECTOR LOCATION: IF SMALL, PROVIDE ADDRESSABLE DUCT SMOKE DETECTOR HOUSING AND SAMPLING TUBES (INSTALLED BY M.F. WIRED BY EPC). PROVIDE ADDRESSABLE CONTROL RELAY MODULE MOUNTED ADJACENT TO UNIT. PROVIDE WIRING TO DETECTOR AND RELAY. PROVIDE WIRING TO ACCOMPLISH COMPLETE HARD SHUTDOWN ON ALARM. CONNECT DETECTOR AND CONTROL MODULE TO FIRE ALARM SLC AND 24VDC AUXILIARY POWER CIRCUIT.



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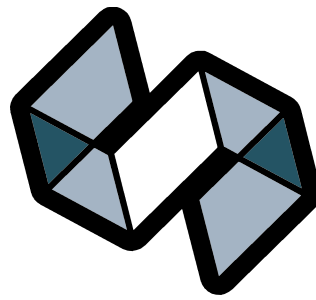


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GENERAL POWER NOTES

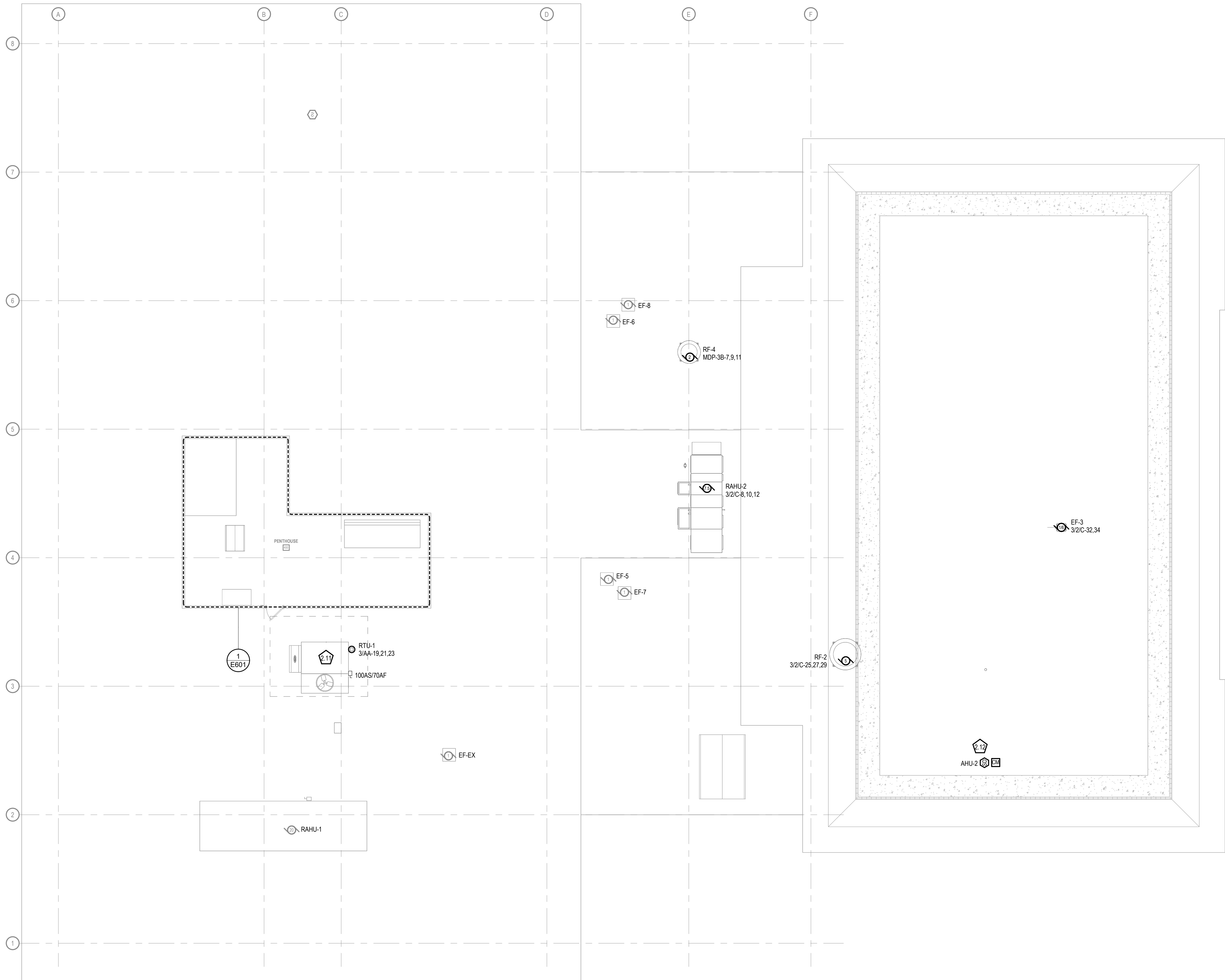
- 1 CONTRACTOR SHALL LOAD BALANCE THE PANELBOARDS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- 2 SEE MECHANICAL AND PLUMBING SHEETS FOR ADDITIONAL INFORMATION RELATED TO ELECTRICAL.
- 3 BRANCH CIRCUIT NUMBER SEQUENTIAL ORDER IS FOR BOOKKEEPING PURPOSES ONLY AND MAY NOT REFLECT ACTUAL CIRCUIT BREAKER NUMBER SEQUENCE IN THE PANELBOARD. NUMBERS INDICATE WHICH DEVICES ARE CONNECTED TO A COMMON BRANCH CIRCUIT.
- 4 REFER TO SPECIFICATION SECTION 07 84 00 PENETRATION FIRE STOPPING FOR ALL FLOOR AND WALL PENETRATIONS THROUGH RATED WALLS. REFER TO THE ARCHITECTURAL LIFE SAFETY PLAN SHEETS FOR FLOOR AND WALL RATINGS.

SPECIFIC POWER NOTES

- 2.11 ROOFTOP UNIT FURNISHED WITH 120V GENERAL DUPLEX RECEPTACLE. WIRE TO EXISTING 208/120V PANELBOARD IN THE PENTHOUSE WITH 2#12, 1#12G, IN 3/4" CONDUIT. PROVIDE A 15A/1P CIRCUIT BREAKER IN EXISTING PANELBOARD THAT IS COMPATIBLE WITH PANELBOARD MANUFACTURER AND RATINGS.
- 2.12 DUCT SMOKE DETECTOR LOCATION. EC SHALL PROVIDE ADDRESSABLE DUCT SMOKE DETECTOR HOUSING AND SAMPLING TUBES (INSTALLED BY MC, WIRED BY EC). PROVIDE ADDRESSABLE CONTROL RELAY MODULE MOUNTED ADJACENT TO UNIT STARTER/VPD. WIRE RELAY CONTACTS TO UNIT CONTROLS TO ACCOMPLISH COMPLETE HVAC SHUTDOWN UPON ALARM. CONNECT DETECTOR AND CONTROL MODULE TO FIRE ALARM SLC AND 24VDC AUXILIARY POWER CIRCUIT.

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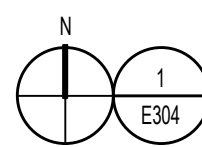
SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

SHEET NAME

PENTHOUSE AND
ROOF POWER &
SYSTEMS PLAN
(PHASE 3)

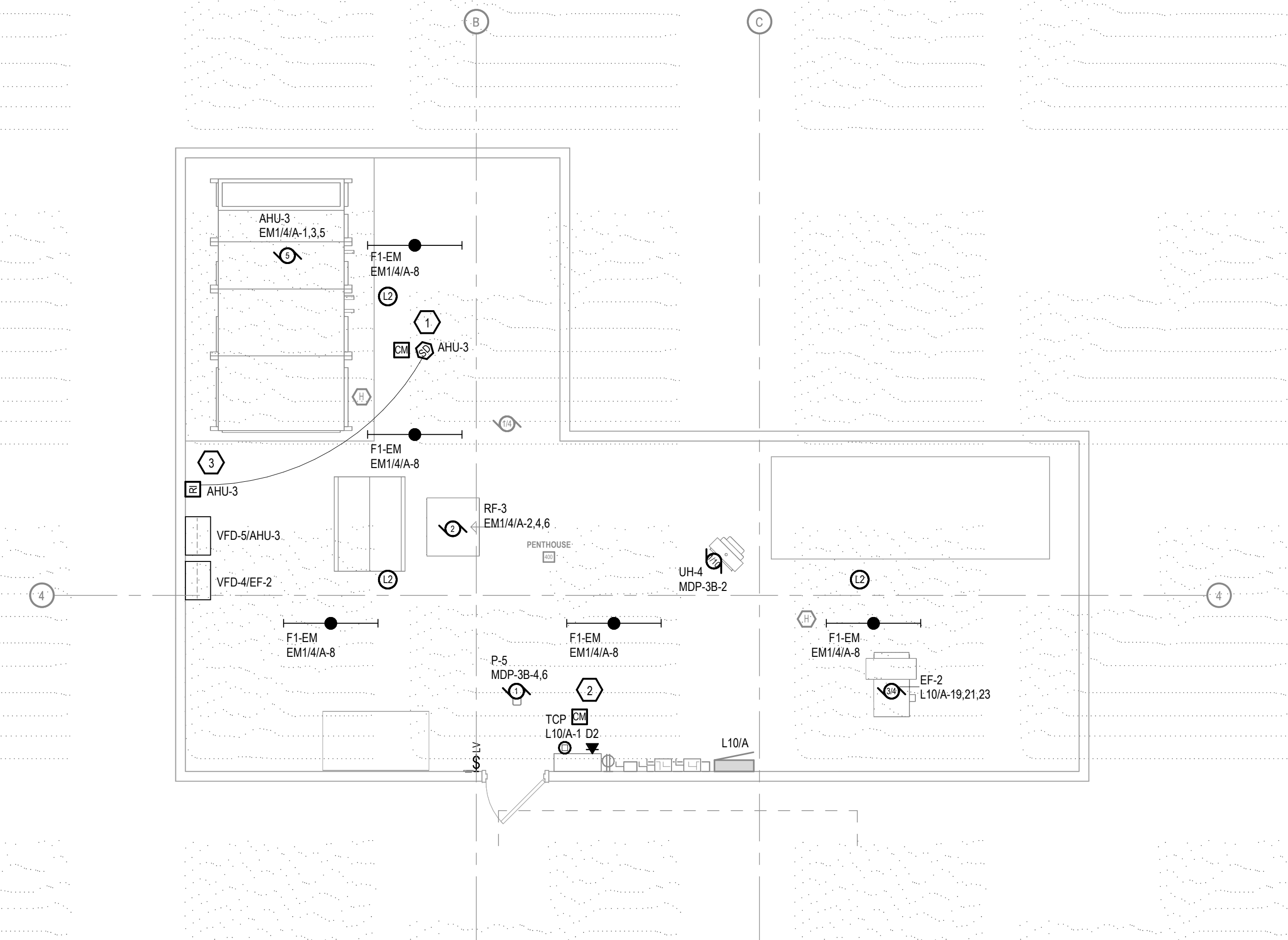
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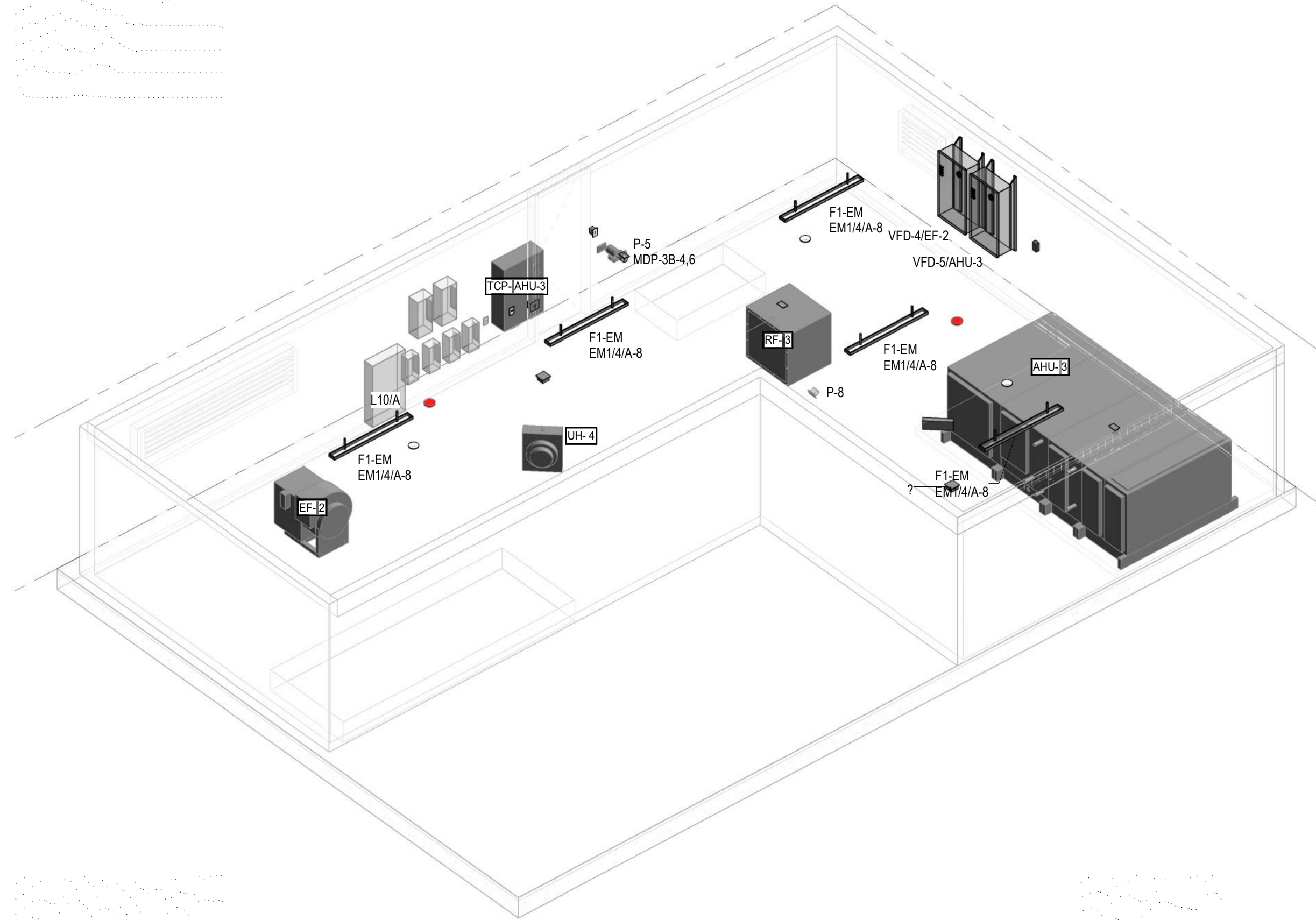
PENTHOUSE FLOOR POWER & SYSTEMS PLAN

SCALE: 1/8" = 1'-0"

E304



1
E601
ENLARGED ELECTRICAL PENTHOUSE FLOOR PLAN
SCALE: 1/4" = 1'-0"



2
E601
ISOMETRIC ELECTRICAL PENTHOUSE PLAN
SCALE: NTS

GENERAL LIGHTING NOTES

- 1 REFER TO SHEET E911 FOR ALL LIGHTING CONTROL SEQUENCES OF OPERATION.
- 2 COORDINATE FINAL LOCATIONS OF ALL LUMINAIRES, SENSORS, AND CONTROLS WITH ARCHITECTURAL REFLECTED CEILING PLANS (RCP) PRIOR TO ROUGH-IN.
- 3 CONNECT EXIT SIGNS UNSWITCHED TO THE LOCAL EMERGENCY BRANCH CIRCUIT AHEAD OF ALL LIGHTING CONTROLS.
- 4 WHERE MULTIPLE OCCUPANCY/VACANCY SENSOR SERVE A SINGLE ROOM OR CORRIDOR, INTERCONNECT SENSORS SO THAT ANY DETECTED MOTION ENERGIZES ALL ASSOCIATED LUMINAIRES SIMULTANEOUSLY.
- 5 CONTROL ALL LUMINAIRES WITHIN ENCLOSED STAIRWELLS TOGETHER AS A SINGLE LIGHTING ZONE.
- 6 REFER TO SHEET E911 FOR LUMINAIRE SCHEDULE.
- 7 PROVIDE COMPLETE OCCUPANCY/VACANCY SENSOR COVERAGE IN ALL DESIGNATED SPACES. REFER TO SPECIFICATION SECTION 26 09 26 FOR AUXILIARY CONTACT REQUIREMENTS.
- 8 AT ALL LOCATIONS WHERE EXISTING TWO-GANG LIGHTING CONTROLS ARE REDUCED TO A SINGLE SWITCH, REUSE THE EXISTING TWO-GANG BACKBOX TO AVOID DRYWALL PATCHING. PROVIDE A NEW TWO-GANG DEVICE FACEPLATE FEATURING ONE ACTIVE SWITCH AND ONE BLANK INSERT.

GENERAL POWER NOTES

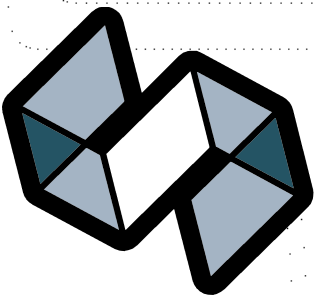
- 1 CONTRACTOR SHALL LOAD BALANCE THE PANELBOARDS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- 2 SEE MECHANICAL AND PLUMBING SHEETS FOR ADDITIONAL INFORMATION RELATED TO ELECTRICAL.
- 3 BRANCH CIRCUIT NUMBER SEQUENTIAL ORDER IS FOR BOOKKEEPING PURPOSES ONLY AND MAY NOT REFLECT ACTUAL CIRCUIT BREAKER NUMBER SEQUENCE IN THE PANELBOARD. NUMBERS INDICATE WHICH DEVICES ARE CONNECTED TO A COMMON BRANCH CIRCUIT.
- 4 REFER TO SPECIFICATION SECTION 07 84 00 PENETRATION FIRE STOPPING FOR ALL FLOOR AND WALL PENETRATIONS THROUGH RATED WALLS. REFER TO THE ARCHITECTURAL LIFE SAFETY PLAN SHEETS FOR FLOOR AND WALL RATINGS.

GENERAL SYSTEMS NOTES

- 1 ALL FIRE ALARM NOTIFICATION, DETECTION AND SIGNALING DEVICES SHALL MEET ALL APPLICABLE CODES AND MANUFACTURER'S LISTING RECOMMENDATIONS.
- 2 FIRE ALARM DEVICE LOCATIONS AND CANDELA SETTINGS ARE SHOWN TO INDICATE DESIGN INTENT ONLY.
- 3 ALL FIRE ALARM VISUAL DEVICES WITH ONE VIEWING SHALL BE SYNCHRONIZED.
- 4 EXPOSED CABLE IN UNFINISHED WORK AREAS IS ACCEPTABLE; SUPPORT CABLE IN ACCORDANCE WITH DIVISION 27 SPECIFICATIONS. EXPOSED CABLE INSTALLED IN FINISHED WORK AREAS IS NOT ACCEPTABLE. CABLE SHALL BE INSTALLED IN A RACEWAY PAINTED TO MATCH CEILING FINISH ROUTE RACEWAY INTO NEAREST ACCESSIBLE CEILING CAVITY, THEREAFTER SUPPORTED IN ACCORDANCE WITH DIVISION 27 SPECIFICATIONS.
- 5 REFER TO SPECIFICATION SECTION 07 84 00 PENETRATION FIRE STOPPING FOR ALL FLOOR AND WALL PENETRATIONS THROUGH RATED WALLS. REFER TO THE ARCHITECTURAL LIFE SAFETY PLAN SHEETS FOR FLOOR AND WALL RATINGS.

SPECIFIC ENLARGED NOTES

- 1 DUCT SMOKE DETECTOR LOCATION. EC SHALL PROVIDE ADDRESSABLE DUCT SMOKE DETECTOR HOUSING AND SAMPLING TUBES (INSTALLED BY MC, WIRED BY EC). PROVIDE ADDRESSABLE CONTROL/RELAY MODULE MOUNTED ADJACENT TO UNIT STARTER/VFD. WIRE RELAY CONTACTS TO UNIT CONTROLS TO ACCOMPLISH COMPLETE HVAC SHUTDOWN UPON ALARM. CONNECT DETECTOR AND CONTROL MODULE TO FIRE ALARM SLC AND SANC AUXILIARY POWER CIRCUIT.
- 2 CONNECT TEMPERATURE CONTROL PANEL TO EXISTING CIRCUIT FREED DURING DEMOLITION. PROVIDE A FIRE ALARM CONTROL MODULE AND HARDWARE INTERLOCK TO INITIATE IMMEDIATE UNIT SHUTDOWN AND CLOSURE OF FIRE/SMOKE DAMPERS UPON ALARM. PROVIDE A DATA CONNECTION TO THE PANEL TO INTEGRATE WITH THE BUILDING AUTOMATION SYSTEM (BAS) FOR REMOTE MONITORING AND CONTROL.
- 3 REMOTE TEST/RESET STATION WITH INTEGRAL ALARM LED FOR ASSOCIATED DUCT SMOKE DETECTOR. MOUNT AT 48" AFF TO CENTER. PROVIDE CONDUIT AND WIRING BACK TO DUCT DETECTOR AND CONTROL MODULE AS REQUIRED BY THE MANUFACTURER. PROVIDE ENGRAVED NAMEPLATE IDENTIFYING ASSOCIATED AHU / DUCT DETECTOR SERVED.



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ARCHITECTURE
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CONSTRUCTION
DRAWINGS

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DATE	08/31/2026
PROJECT NO.	2025012

PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
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UPGRADES

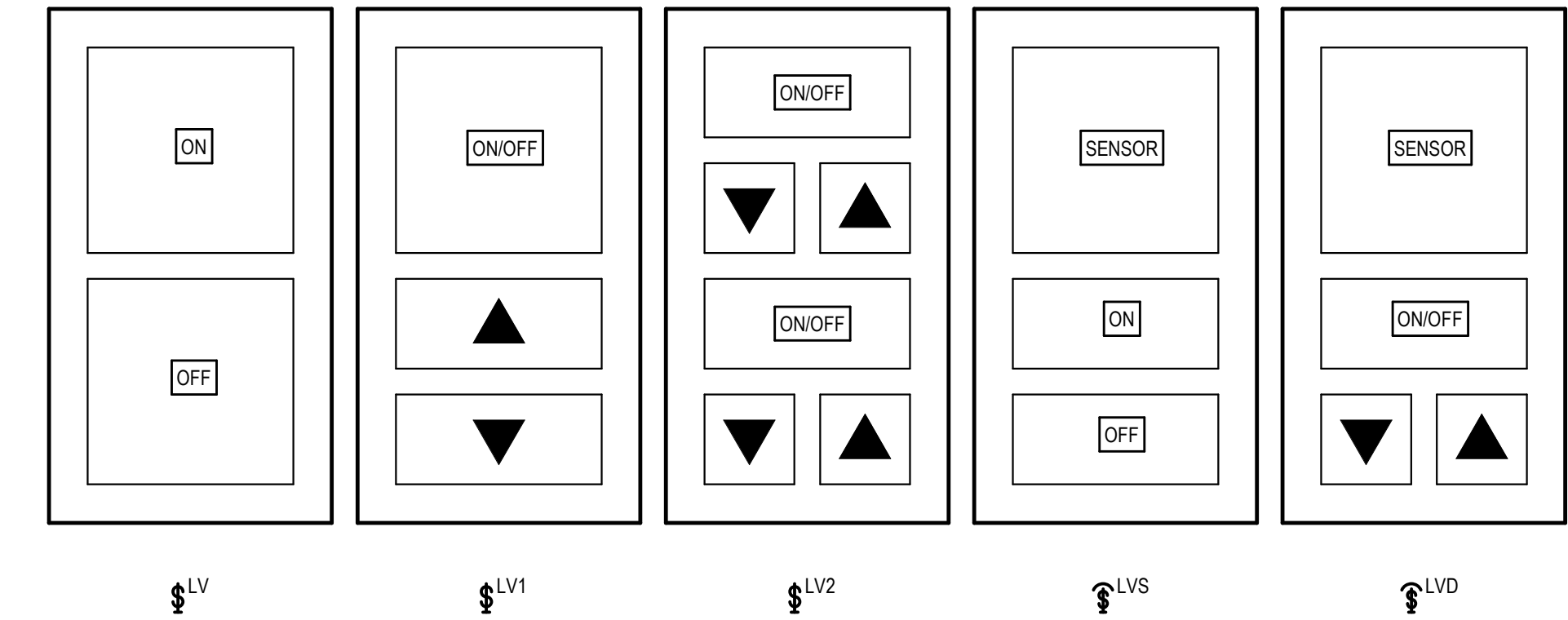
515 Oak St
Baraboo, WI 53913

SHEET NAME

ENLARGED
ELECTRICAL PLANS
(PHASE 3)

SHEET NO.

E601



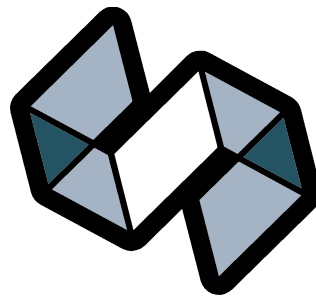
2 LIGHTING CONTROL SYSTEM BUTTON LAYOUT
E811 SCALE: NTS

LIGHTING CONTROL SEQUENCE OF OPERATIONS FOR IECC PATH OF COMPLIANCE AND BASED ON NLIHT AS THE BASIS OF DESIGN

THE FOLLOWING SEQUENCE OF OPERATIONS SHALL BE UTILIZED FOR THE AREAS INDICATED. WHERE PARTICULAR AREAS ARE NOT LISTED, CONTACT THE ENGINEER PRIOR TO PROGRAMMING. THESE ARE FOR INITIAL SETUP AND SHALL BE CONFIRMED AND MODIFIED AS DIRECTED BY THE OWNER. THE FOLLOWING SEQUENCES OF OPERATION ARE BASED ON PROJECT REQUIREMENTS AND IECC 2021.

SYSTEM PROGRAMMING DETAILS (SCENES, TIME EVENTS, SENSOR BINDING, ETC.) SHALL BE PROGRAMMED BASED ON THE SEQUENCE OF OPERATION BELOW:

- RESTROOMS
 - AUTOMATIC CONTROL VIA OCCUPANCY SENSORS
 - UPON SENSING MOTION, ILLUMINATE THE LIGHTING TO FULL OUTPUT.
 - AFTER 15 MINUTES OF NO OCCUPANCY, SENSORS SHALL FADE LIGHTING LEVEL TO 20% OF FULL OUTPUT. IF OCCUPANCY IS SENSED DURING THIS PERIOD LIGHTS WILL ILLUMINATE BACK TO FULL OUTPUT.
 - AFTER 20 MINUTES OF NO OCCUPANCY, SENSORS SHALL EXTINGUISH LIGHTING.
 - MANUAL CONTROL VIA WALL STATION
 - SCENE 20% BUTTON PRESSED WHILE LIGHTS ARE ON SHALL REDUCE THE LIGHTS TO 20% OF FULL OUTPUT. AFTER 30 MINUTES EXTINGUISH LIGHTING.
 - SCENE 100% BUTTON PRESSED WHILE LIGHTS ARE AT 20% SHALL ILLUMINATE THE LIGHTING TO FULL OUTPUT. AFTER 30 MINUTES OPERATION REVERTS BACK TO AUTOMATIC CONTROL.
 - PROGRAM THE POWER PACK TO ENABLE THE SPECIAL OPERATING MODE "PREDICTIVE OFF". SET THE "PREDICTIVE EXIT TIME" TO 8 SECONDS, AND THE "PREDICTIVE GRACE PERIOD" TO ZERO SECONDS. NOTE THAT THE REFERENCED SETTINGS ARE FOR NLIHT. OTHER MANUFACTURERS LISTED AS ACCEPTABLE IN THE SPECIFICATIONS SHALL HAVE EQUIVALENT SETTINGS.
 - LIGHTING FIXTURES DESIGNATED AS STANDBY SHALL BE CONTROLLED ALONG WITH THE OTHER FIXTURES IN THE ZONE. UPON THE LOSS OF NORMAL POWER, THESE FIXTURES SHALL PROVIDE 100% LIGHT OUTPUT.
- ELECTRICAL ROOMS
 - AUTOMATIC CONTROL VIA OCCUPANCY SENSORS
 - UPON SENSING MOTION, ILLUMINATE THE LIGHTING TO OCCUPIED BRIGHT LEVEL OF 50% OF FULL OUTPUT.
 - AFTER 15 MINUTES OF NO OCCUPANCY, SENSORS SHALL FADE LIGHTING LEVEL TO 10% OF FULL OUTPUT.
 - AFTER 20 MINUTES OF NO OCCUPANCY, SENSORS SHALL EXTINGUISH LIGHTING.
 - MANUAL CONTROL VIA WALL STATION
 - ON/OFF BUTTON SHALL TOGGLE BETWEEN 50% AND OFF.
 - USERS MAY TEMPORARILY RAISE OR LOWER LEVELS BY PRESSING ARROW BUTTONS.
 - MANUAL OVERRIDE
 - STANDARD ON/OFF TOGGLE LIGHT SWITCH WHICH FORCES THE LIGHTS ON WHEN THE TOGGLE IS IN UP POSITION. WHEN THE TOGGLE IS IN THE DOWN POSITION THE AUTOMATIC LIGHTING CONTROL FUNCTIONS NORMALLY.
 - PROVIDE ENGRAVED NAMEPLATE STATING "LIGHTING MANUAL OVERRIDE"
- IT / MECHANICAL / STORAGE ROOMS
 - AUTOMATIC CONTROL VIA OCCUPANCY SENSORS
 - UPON SENSING MOTION, ILLUMINATE THE LIGHTING TO OCCUPIED BRIGHT LEVEL OF 50% OF FULL OUTPUT
 - AFTER 15 MINUTES OF NO OCCUPANCY, SENSORS SHALL FADE LIGHTING LEVEL TO 10% OF FULL OUTPUT.
 - AFTER 20 MINUTES OF NO OCCUPANCY, SENSORS SHALL EXTINGUISH LIGHTING.
 - MANUAL CONTROL VIA WALL STATION
 - ON/OFF BUTTON SHALL TOGGLE BETWEEN 50% AND OFF.
 - USERS MAY TEMPORARILY RAISE OR LOWER LEVELS BY PRESSING ARROW BUTTONS.
- OPEN OFFICES
 - AUTOMATIC CONTROL VIA OCCUPANCY SENSORS
 - UPON SENSING MOTION, ILLUMINATE THE LIGHTING TO OCCUPIED BRIGHT LEVEL OF 50% OF FULL OUTPUT
 - AFTER 15 MINUTES OF NO OCCUPANCY, SENSORS SHALL FADE LIGHTING LEVEL TO 10% FULL OUTPUT.
 - AFTER 20 MINUTES OF NO OCCUPANCY, SENSORS SHALL EXTINGUISH LIGHTING.
 - AUTOMATIC CONTROL VIA DAYLIGHT TRACKER
 - AUTOMATICALLY DIM THE LIGHT FIXTURES IN DAYLIGHT ZONES PROPORTIONAL TO THE AVAILABLE DAYLIGHT.
 - MANUAL CONTROL VIA WALL STATION
 - ON/OFF BUTTON SHALL TOGGLE BETWEEN 50% AND OFF.
 - USERS MAY TEMPORARILY RAISE OR LOWER LEVELS BY PRESSING ARROW BUTTONS.
- PRIVATE OFFICES
 - AUTOMATIC CONTROL VIA OCCUPANCY SENSORS
 - UPON SENSING MOTION, ILLUMINATE THE LIGHTING TO OCCUPIED BRIGHT LEVEL OF 50% OF FULL OUTPUT
 - AFTER 15 MINUTES OF NO OCCUPANCY, SENSORS SHALL FADE LIGHTING LEVEL TO 10% FULL OUTPUT.
 - AFTER 20 MINUTES OF NO OCCUPANCY, SENSORS SHALL EXTINGUISH LIGHTING.
 - AUTOMATIC CONTROL VIA DAYLIGHT TRACKER
 - AUTOMATICALLY DIM THE LIGHT FIXTURES IN DAYLIGHT ZONES PROPORTIONAL TO THE AVAILABLE DAYLIGHT.
 - MANUAL CONTROL VIA WALL STATION
 - ON/OFF BUTTON SHALL TOGGLE BETWEEN 50% AND OFF.
 - USERS MAY TEMPORARILY RAISE OR LOWER LEVELS BY PRESSING ARROW BUTTONS.
- BREAK AREA
 - AUTOMATIC CONTROL VIA OCCUPANCY SENSORS
 - UPON SENSING MOTION, ILLUMINATE THE LIGHTING TO OCCUPIED BRIGHT LEVEL OF 50% OF FULL OUTPUT.
 - AFTER 15 MINUTES OF NO OCCUPANCY, SENSORS SHALL FADE LIGHTING LEVEL TO 10% OF FULL OUTPUT.
 - AFTER 20 MINUTES OF NO OCCUPANCY, SENSORS SHALL EXTINGUISH LIGHTING.
 - AUTOMATIC CONTROL VIA DAYLIGHT TRACKER
 - AUTOMATICALLY DIM THE LIGHT FIXTURES IN DAYLIGHT ZONES PROPORTIONAL TO THE AVAILABLE DAYLIGHT.
 - MANUAL CONTROL VIA WALL STATION
 - LCD TOUCH SCREEN WITH PRE-PROGRAMMED SCENES AND INDIVIDUAL ZONE CONTROL.
 - EACH ZONE SHALL HAVE AN ON/OFF AND LEVEL CONTROL.
 - ON/OFF BUTTON SHALL TOGGLE BETWEEN 50% AND OFF.
 - USERS MAY TEMPORARILY RAISE OR LOWER LEVELS BY PRESSING ARROW BUTTONS.
 - LIGHTING FIXTURES DESIGNATED AS STANDBY SHALL BE CONTROLLED ALONG WITH THE OTHER FIXTURES IN THE ZONE. UPON THE LOSS OF NORMAL POWER, THESE FIXTURES SHALL PROVIDE 100% LIGHT OUTPUT.
- CONFERENCE ROOM
 - AUTOMATIC CONTROL VIA OCCUPANCY SENSORS
 - UPON SENSING MOTION, ILLUMINATE THE LIGHTING TO OCCUPIED BRIGHT LEVEL OF 50% OF FULL OUTPUT.
 - AFTER 15 MINUTES OF NO OCCUPANCY, SENSORS SHALL FADE LIGHTING LEVEL TO 10% OF FULL OUTPUT.
 - AFTER 20 MINUTES OF NO OCCUPANCY, SENSORS SHALL EXTINGUISH LIGHTING.
 - AUTOMATIC CONTROL VIA DAYLIGHT TRACKER
 - AUTOMATICALLY DIM THE LIGHT FIXTURES IN DAYLIGHT ZONES PROPORTIONAL TO THE AVAILABLE DAYLIGHT.
 - MANUAL CONTROL VIA WALL STATION
 - LCD TOUCH SCREEN WITH PRE-PROGRAMMED SCENES AND INDIVIDUAL ZONE CONTROL.
 - EACH ZONE SHALL HAVE AN ON/OFF AND LEVEL CONTROL.
 - ON/OFF BUTTON SHALL TOGGLE BETWEEN 50% AND OFF.
 - USERS MAY TEMPORARILY RAISE OR LOWER LEVELS BY PRESSING ARROW BUTTONS.
 - LIGHTING FIXTURES DESIGNATED AS STANDBY SHALL BE CONTROLLED ALONG WITH THE OTHER FIXTURES IN THE ZONE. UPON THE LOSS OF NORMAL POWER, THESE FIXTURES SHALL PROVIDE 100% LIGHT OUTPUT.
- STAIRS
 - AUTOMATIC CONTROL VIA OCCUPANCY SENSORS
 - UPON SENSING MOTION, ILLUMINATE THE LIGHTING TO 100% LIGHT OUTPUT.
 - AFTER 20 MINUTES OF NO OCCUPANCY, SENSORS SHALL FADE LIGHTING LEVEL TO 10% OF FULL OUTPUT AND REMAIN AT 10% UNTIL MOTION IS SENSED AGAIN.
 - AUTOMATIC CONTROL VIA DAYLIGHT TRACKER
 - AUTOMATICALLY DIM THE LIGHT FIXTURES IN DAYLIGHT ZONES PROPORTIONAL TO THE AVAILABLE DAYLIGHT.
 - LIGHTING FIXTURES DESIGNATED AS EMERGENCY SHALL BE CONTROLLED ALONG WITH THE OTHER FIXTURES IN THE ZONE. UPON THE LOSS OF NORMAL POWER, THESE FIXTURES SHALL PROVIDE 100% LIGHT OUTPUT.
- CORRIDORS GREATER THAN 300SF
 - AUTOMATIC CONTROL VIA OCCUPANCY SENSORS
 - UPON SENSING MOTION, ILLUMINATE THE LIGHTING TO 80% OF FULL OUTPUT.
 - AFTER 15 MINUTES OF NO OCCUPANCY, SENSORS SHALL FADE LIGHTING LEVEL TO 20% OF FULL OUTPUT. IF OCCUPANCY IS SENSED DURING THIS PERIOD LIGHTS WILL ILLUMINATE BACK TO 80% OF FULL OUTPUT.
 - AFTER 20 MINUTES OF NO OCCUPANCY, SENSORS SHALL EXTINGUISH LIGHTING.
 - AUTOMATIC CONTROL VIA DAYLIGHT TRACKER
 - AUTOMATICALLY DIM THE LIGHT FIXTURES IN DAYLIGHT ZONES PROPORTIONAL TO THE AVAILABLE DAYLIGHT.
 - LIGHTING FIXTURES DESIGNATED AS EMERGENCY SHALL BE CONTROLLED ALONG WITH THE OTHER FIXTURES IN THE ZONE. UPON THE LOSS OF NORMAL POWER, THESE FIXTURES SHALL PROVIDE 100% LIGHT OUTPUT.
- CORRIDORS 300SF AND LESS THAT ARE ENCLOSED BY FLOOR-TO-CEILING HEIGHT PARTITIONS
 - AUTOMATIC CONTROL VIA OCCUPANCY SENSORS
 - UPON SENSING MOTION, ILLUMINATE THE LIGHTING TO 80% OF FULL OUTPUT.
 - AFTER 15 MINUTES OF NO OCCUPANCY, SENSORS SHALL FADE LIGHTING LEVEL TO 20% OF FULL OUTPUT. IF OCCUPANCY IS SENSED DURING THIS PERIOD LIGHTS WILL ILLUMINATE BACK TO 80% OF FULL OUTPUT.
 - AFTER 20 MINUTES OF NO OCCUPANCY, SENSORS SHALL EXTINGUISH LIGHTING.
 - AUTOMATIC CONTROL VIA DAYLIGHT TRACKER
 - AUTOMATICALLY DIM THE LIGHT FIXTURES IN DAYLIGHT ZONES PROPORTIONAL TO THE AVAILABLE DAYLIGHT.
 - MANUAL CONTROL VIA WALL STATION
 - PRESSING THE OFF BUTTON SHALL TURN THE LIGHTS OFF. PRESSING THE ON BUTTON SHALL TURN THE LIGHTS ON AND RESTORE THE AUTOMATIC LIGHTING CONTROL FUNCTIONS.
 - PROGRAM THE POWER PACK TO ENABLE THE SPECIAL OPERATING MODE "PREDICTIVE OFF". SET THE "PREDICTIVE EXIT TIME" TO 8 SECONDS, AND THE "PREDICTIVE GRACE PERIOD" TO ZERO SECONDS. NOTE THAT THE REFERENCED SETTINGS ARE FOR NLIHT. OTHER MANUFACTURERS LISTED AS ACCEPTABLE IN THE SPECIFICATIONS SHALL HAVE EQUIVALENT SETTINGS.
 - LIGHTING FIXTURES DESIGNATED AS EMERGENCY SHALL BE CONTROLLED ALONG WITH THE OTHER FIXTURES IN THE ZONE. UPON THE LOSS OF NORMAL POWER, THESE FIXTURES SHALL PROVIDE 100% LIGHT OUTPUT.



STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

CONSTRUCTION
DRAWINGS

ISSUED FOR
CONSTRUCTION

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DATE	08/31/2026
PROJECT NO.	2025012

PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

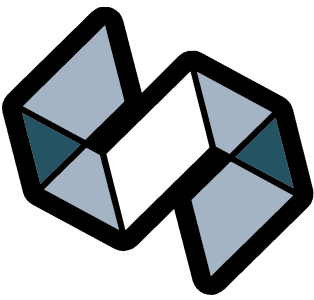
515 Oak St
Baraboo, WI 53913

SHEET NAME

ELECTRICAL LIGHTING
DETAILS

SHEET NO.

E811



STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

CONSTRUCTION
DRAWINGS

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CONSTRUCTION

- LUMINAIRE SCHEDULE NOTES:
- LUMINAIRE MOUNTING TO BE COORDINATED WITH CEILING OR WALL TYPE. ALL TRIM AND MOUNTING ACCESSORIES SHALL BE PROVIDED AND VERIFIED COMPATIBLE WITH MOUNTING SURFACE TYPE AND ARCHITECTURAL DRAWINGS.
 - FINAL MOUNTING HEIGHTS FOR SUSPENDED AND WALL LUMINAIRES SHALL BE AS NOTED AND CONFIRMED WITH ARCHITECTURAL ELEVATIONS AND DETAILS, IF APPLICABLE. IF THIS INFORMATION IS NOT SHOWN, HEIGHTS SHALL BE CONFIRMED WITH ARCHITECT/ENGINEER PRIOR TO ORDERING AND ROUGH-IN.
 - LUMINAIRE MANUFACTURERS AND MODELS LISTED IN THE SCHEDULE ARE THE BASIS OF DESIGN. ANY PROPOSED SUBSTITUTIONS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PROCUREMENT.
 - PART NUMBERS/SERIES LISTED ARE TO ESTABLISH A MINIMUM QUALITY LEVEL ONLY. SUPPLIERS SHALL VERIFY THE LISTED LUMINAIRE MEETS ALL REQUIREMENTS LISTED IN THIS SCHEDULE AND SPECIFICATIONS. WHERE THE PART NUMBER LISTED DOES NOT MEET ALL THE REQUIREMENTS LISTED, SUPPLIER SHALL PROVIDE LUMINAIRE WITH EQUAL OR BETTER QUALITY THAT MEETS ALL THE REQUIREMENTS.
 - MAXIMUM LUMINAIRE POWER IS LISTED TO ENSURE COMPLIANCE WITH ENERGY CODE CALCULATIONS. EQUALS SHALL NOT USE MORE VA THAN LISTED.
 - FOR CONTINUOUS DIMMING LUMINAIRES, THE DIMMING COLUMN LISTS THE REQUIRED DIMMING RANGE IN PERCENTAGE. I.E. 10%-100% INDICATES A LUMINAIRE DIMMABLE FROM FULL(100%) DOWN TO 10%.
 - BALLAST/DRIVER TYPE ABBREVIATIONS:
 - LED: ELECTRONIC LED DRIVER
 - 0-10V: 0-10V DIMMING
 - LUMINAIRE OPTIONS TAG ABBREVIATIONS:
 - DIM: LUMINAIRE SERVED FROM NEC 700 EMERGENCY BRANCH VIA UL924 CONTROLLER THAT ALLOWS FIXTURE TO OPERATE IN THE SAME MANNER AS NORMAL FIXTURES ON THE SAME CONTROL ZONE, AND UPON SENSING LOSS OF NORMAL POWER THE LUMEN OUTPUT AUTOMATICALLY SWITCHES TO 100%.

LUMINAIRE SCHEDULE												
LUMINAIRE ID	DESCRIPTION	MANUFACTURER / SERIES	LAMP TYPE / LUMENS / MIN. CRI	COLOR TEMP	DRIVER TYPE	DIMMING %	INPUT VOLT-AMPS	VOLTAGE	MOUNTING	NOTES		
A20	2x2 LED RECESSED FLAT PANEL FIXTURE	LITHONIA SPX 2X2 LUGR MINI0 MVOLT	LED / 2000LM / 80 CRI	4000 K	LED, 0-10V	10-100%	15 VA	120 V	RECESSED			
A34	2x2 LED RECESSED FLAT PANEL FIXTURE	LITHONIA SPX 2X2 LUGR MINI0 MVOLT	LED / 3400LM / 80 CRI	4000 K	LED, 0-10V	10-100%	20 VA	120 V	RECESSED			
D6	6" RECESSED LED DOWNLIGHT	GOTHAM EV06 4015 WR LSS MWD MVOLT EZ10	LED / 1500LM / 80 CRI	4000 K	LED, 0-10V	10-100%	15 VA	120 V	RECESSED			
D10	4" RECESSED LED DOWNLIGHT	GOTHAM EV04 4010 WR LSS MWD MVOLT EZ10	LED / 1000LM / 80 CRI	4000 K	LED, 0-10V	10-100%	10 VA	120 V	RECESSED			
D15	4" RECESSED LED DOWNLIGHT	GOTHAM EV04 4015 WR LSS MWD MVOLT EZ10	LED / 1500LM / 80 CRI	4000 K	LED, 0-10V	10-100%	15 VA	120 V	RECESSED			
D510	4" RECESSED LED SHOWER DOWNLIGHT	GOTHAM EV04SH 4010 OFF SMO MVOLT EZ1	LED / 1000LM / 80 CRI	4000 K	LED, 0-10V	10-100%	10 VA	120 V	RECESSED			
EBW	WALL MOUNTED EMERGENCY BATTERY FIXTURE- SELF DIAGNOSTICS AND TESTING	LITHONIA ELM2L	LED	4000 K	LED	100%	5 VA	120 V	RECESSED	20" SPACING		
F1	4" LED STRIP LIGHT WITH DROP LENS	LITHONIA ZL1D-L48-5000LM-FST-MVOLT-40K-80CRI-WH	LED / 5000LM / 80 CRI	4000 K	LED, 0-10V	10-100%	40 VA	120 V	SUSPENDED			
LS	LED LOW PROFILE LED TAPE LIGHT IN LENSED CHANNEL WITH REMOTE DIMMING DRIVER- LENGTH AS SHOWN	ACOLYTE STATIC WHITE SERIES 2 RIBBON/LYTE 4.4 IN ASI SERIES 2 CHANNEL WITH MILKY LENS	LED	4000 K	LED, 0-10V	10-100%		120 V	SUSPENDED			
S33	2x2 LED SURFACE MOUNTED FLAT PANEL FIXTURE	LITHONIA CPANL 2X2 ALD1 SWW71M 3300 40 80 MVOLT	LED / 3300LM / 80 CRI	4000 K	LED, 0-10V	10-100%	30 VA	120 V	SURFACE	PROVIDE 2X2SMKSHPP SURFACE MOUNTING KIT		
X1D	DOUBLE FACE EDGE-LIT EXIT SIGN, CLEAR ACRYLIC LENS, ALUMINUM FINISH TRIM	LITHONIA EDG 2 GMR	LED	0 K	LED	--	5 VA	120 V	UNIVERSAL			
X1S	SINGLE FACE EDGE-LIT EXIT SIGN, CLEAR ACRYLIC LENS, ALUMINUM FINISH TRIM	LITHONIA EDG 1 GMR	LED	0 K	LED	--	5 VA	120 V	UNIVERSAL			
X2S	SINGLE FACE DIE CAST STENCIL FACE EXIT SIGN	LITHONIA LE-S-1R	LED	0 K	LED	--	5 VA	120 V	UNIVERSAL			

MECHANICAL EQUIPMENT CONNECTION SCHEDULE NOTES

- ALL ELECTRICAL CONNECTIONS TO OTHER CONTRACTORS' EQUIPMENT SHALL BE FULLY COORDINATED WITH THE PROVIDING CONTRACTOR PRIOR TO ROUGH-IN. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ADJUSTMENTS NEEDED TO PROVIDE POWER TO EQUIPMENT. ANY ADJUSTMENTS REQUIRED SHALL BE AT NO COST TO THE PROJECT.
- COORDINATE ALL ELECTRICAL REQUIREMENTS WITH APPROVED SHOP DRAWING PRIOR TO ROUGH-IN AND BEFORE SUBMITTING ELECTRICAL EQUIPMENT.

LEGEND:

NFSS - NON-FUSED SAFETY SWITCH FNVR - FULL VOLTAGE NON REVERSING VFD - VARIABLE FREQUENCY DRIVE CB - CIRCUIT BREAKER MMS - MANUAL MOTOR STARTER
FSS - FUSED SAFETY SWITCH INT - INTEGRAL STARTER MFR - MANUFACTURER

MECHANICAL EQUIPMENT CONNECTION SCHEDULE																
EQUIPMENT ID	DESCRIPTION	LOCATION		HORSEPOWER (HP)	FLA	LOAD (VA)	VOLTAGE / PHASE	PANEL	BREAKER SIZE	CIRCUIT	BRANCH CIRCUIT SIZE	STARTER		DISCONNECT		NOTES
		NAME	NUMBER									TYPE	FURN / INST	TYPE	FURN / INST	
AC-1	FAN COIL UNIT				0.48 A	58 VA	120 V/1		15 A		2#12,1#12G-3/4"C	INT	MFR	MMS	DIV 26	
ACCU	AIR CONDENSING UNIT	SHERIFF'S GARAGE	109		0.48 A	58 VA	120 V/1		15 A		2#12,1#12G-3/4"C	INT	MFR	MMS	DIV 26	
AHU-1	AIR HANDLER UNIT	MAINTENANCE	007	15	46.2 A	16625 VA	208 V/3	MDP-1/A	90 A	7	3#2,1#6-1 1/4"C	INT	MFR	NFSS	DIV 26	
AHU-3	AIR HANDLER UNIT	PENTHOUSE	400	5	16.7 A	6009 VA	208 V/3	EM14/A	35 A	1,3,5	3#8,1#10-3/4"C	VFD	DIV 23 / DIV 26	VFD	DIV 23 / DIV 26	
BCU-1	BLOWER COIL	MECHANICAL	122.1	1.5	6.6 A	2375 VA	208 V/3	MDP-2/C	15 A	1	3#12,1#12G-3/4"C	MFR	DIV 23	MFR	DIV 23	
EF-1	EXHAUST FAN	MAINTENANCE	007	0.17	2.3 A	828 VA	208 V/1	EMDP-2/A	15 A	14	2#12,1#12G-3/4"C	FSS	MFR	INT	DIV 26	
EF-2	EXHAUST FAN	PENTHOUSE	400	0.75	3.5 A	1259 VA	208 V/3	L10/A	15 A	19,21,23	3#12,1#12G-3/4"C	VFD	DIV 23 / DIV 26	VFD	DIV 23 / DIV 26	
EF-3	EXHAUST FAN	ROOF	017	0.17	2.3 A	828 VA	208 V/1	3/2"C	15 A	32,34	2#12,1#12G-3/4"C	FSS	MFR	INT	DIV 26	
FOL-1	FAN COIL UNIT	LOBBY	218	0.25	5.8 A	696 VA	120 V/1	MDP-2/C	15 A	3	2#12,1#12G-3/4"C	INT	MFR	MMS	DIV 26	
P-1	HOT WATER PUMP	MECHANICAL	004	10	30.8 A	11083 VA	208 V/3	2/A	60 A	13,15,17	3#8,1#10G - 3/4"C	VFD	DIV 23 / DIV 26	VFD	DIV 23 / DIV 26	
P-2	HOT WATER PUMP	MECHANICAL	004	10	30.8 A	11083 VA	208 V/3	EM12/A	60 A	13,15,17	3#8,1#10G - 3/4"C	VFD	DIV 23 / DIV 26	VFD	DIV 23 / DIV 26	
P-3	PUMP	MAINTENANCE	007	1	8.8 A	3167 VA	208 V/1	MDP-1/A	15 A	13	2#12,1#12G-3/4"C	MMS	DIV 26	MMS	DIV 26	
P-4	PUMP	LOBBY	343	1	8.8 A	3167 VA	208 V/1	3/2"C	15 A	9,11	2#12,1#12G-3/4"C	MMS	DIV 26	MMS	DIV 26	
P-5	PUMP	PENTHOUSE	400	1	8.8 A	3167 VA	208 V/1	MDP-3B	15 A	4,8	2#12,1#12G-3/4"C	MMS	DIV 26	MMS	DIV 26	
P-6	PUMP	MECHANICAL	122		8.8 A	3167 VA	208 V/1		15 A		2#12,1#12G-3/4"C	MMS	DIV 26	MSS	DIV 26	
RAHU-2	ROOFTOP AIR HANDLER UNIT	ROOF		7.5	24.2 A	8708 VA	208 V/3	3/2"C	50 A	8,10,12	3#8,1#10 - 3/4"C	VFD	DIV 23 / DIV 26	VFD	DIV 23 / DIV 26	
RF-1	RELIEF FAN	MAINTENANCE STORAGE	B20	5	16.7 A	6009 VA	208 V/3	MDP-1/A	35 A	1	3#8,1#10-3/4"C	VFD	DIV 23 / DIV 26	VFD	DIV 26	
RF-2	RELIEF FAN	ROOF		5	16.7 A	6009 VA	208 V/3	3/2"C	35 A	25,27,29	3#8,1#10-3/4"C	INT	MFR	INT	DIV 26	
RF-3	RELIEF FAN	PENTHOUSE	400	2	7.5 A	2699 VA	208 V/3	EM14/A	15 A	2,4,6	3#12,1#12G-3/4"C	INT	MFR	INT	DIV 26	
RF-4	RELIEF FAN	ROOF		2	7.5 A	2699 VA	208 V/3	MDP-3B	15 A	7,9,11	3#12,1#12G-3/4"C	VFD	DIV 23 / DIV 26	VFD	DIV 23	
RTU-1	ROOFTOP AIR HANDLER UNIT	ROOF		0	53 A	19094 VA	208 V/3	3/A	70 A	19,21,23	3#4,1#9G-1 1/4"C	INT	MFR	INT	MFR	10 KAIC
UH-1	UNIT HEATER	MAINTENANCE STORAGE	008	0.04	0.24 A	29 VA	120 V/1	MDP-1/A	15 A	17	2#12,1#12G-3/4"C	MMS	DIV 23	MMS	DIV 26	
UH-2	UNIT HEATER	MAINTENANCE STORAGE	006	0.04	0.24 A	29 VA	120 V/1	MDP-1/A	15 A	17	2#12,1#12G-3/4"C	MMS	DIV 23	MMS	DIV 26	
UH-3	UNIT HEATER	MAINTENANCE	007	0.04	0.24 A	29 VA	120 V/1	MDP-1/A	15 A	17	2#12,1#12G-3/4"C	MMS	DIV 23	MMS	DIV 26	
UH-4	UNIT HEATER	PENTHOUSE	400	0.08	2.2 A	264 VA	120 V/1	MDP-3B	15 A	2	2#12,1#12G-3/4"C	MMS	DIV 23	MMS	DIV 26	

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PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

SHEET NAME

ELECTRICAL
SCHEDULES

SHEET NO.

E911