

# ELEVATOR REPLACEMENT AT TALLADEGA COUNTY BOARD OFFICE

**106 SOUTH STREET WEST, TALLADEGA, ALABAMA 35160**  
**TALLADEGA COUNTY BOARD OF EDUCATION**



**TALLADEGA COUNTY BOARD OF EDUCATION**

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106 SOUTH STREET W  
TALLADEGA, ALABAMA 35160

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BIRMINGHAM, ALABAMA 36216

ELECTRICAL ENGINEER STEWART ENGINEERING, INC.  
P.O. BOX 2233  
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## DRAWING INDEX (SET - 7 TOTAL SHEETS)

### GENERAL (1 SHEET)

T1 - TITLE AND INDEX

### ARCHITECTURAL DRAWINGS (2 SHEETS)

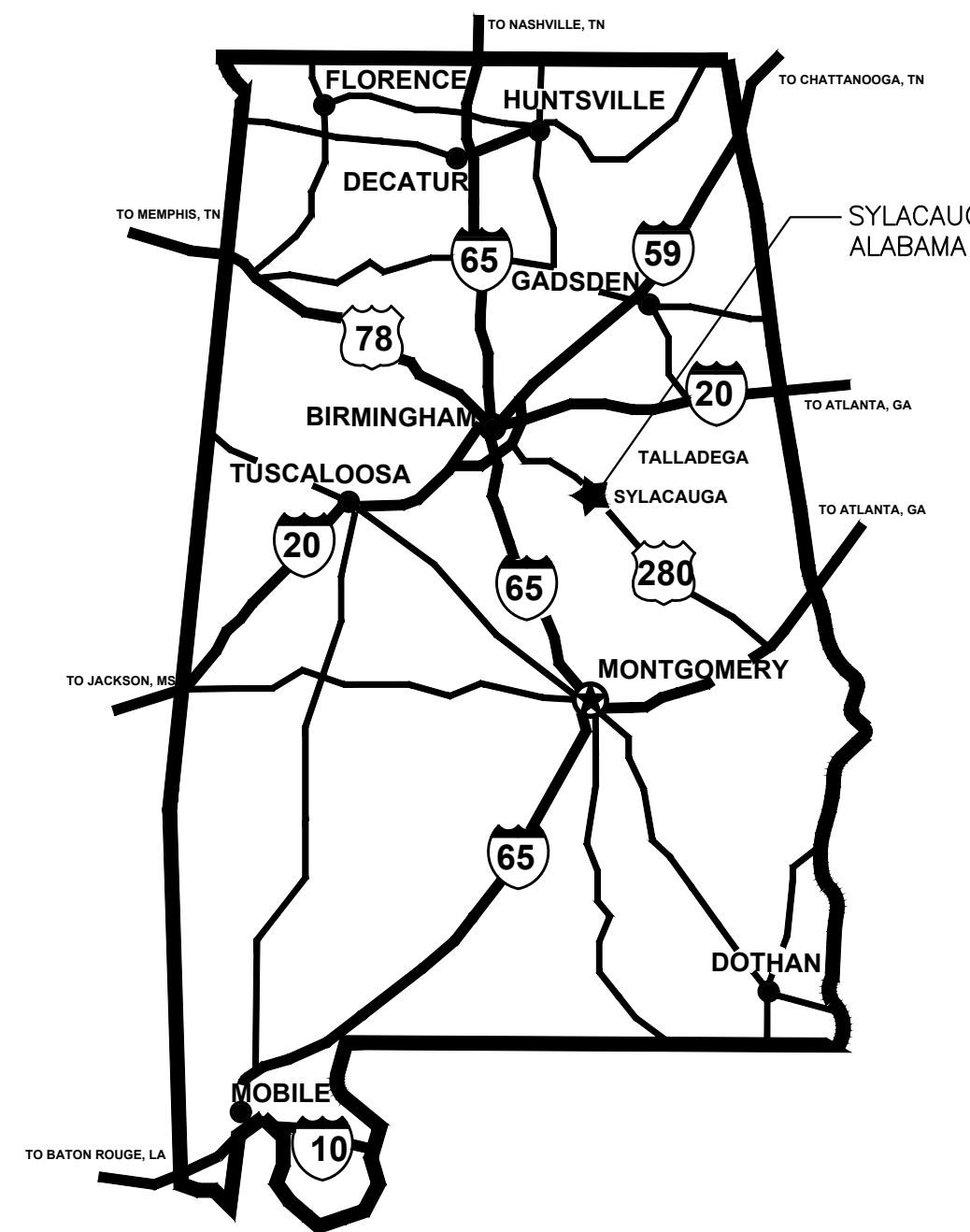
A1.0 - DEMOLITION FLOOR PLANS  
A2.0 - PARTIAL FLOOR PLANS

### PLUMBING DRAWINGS (3 SHEETS)

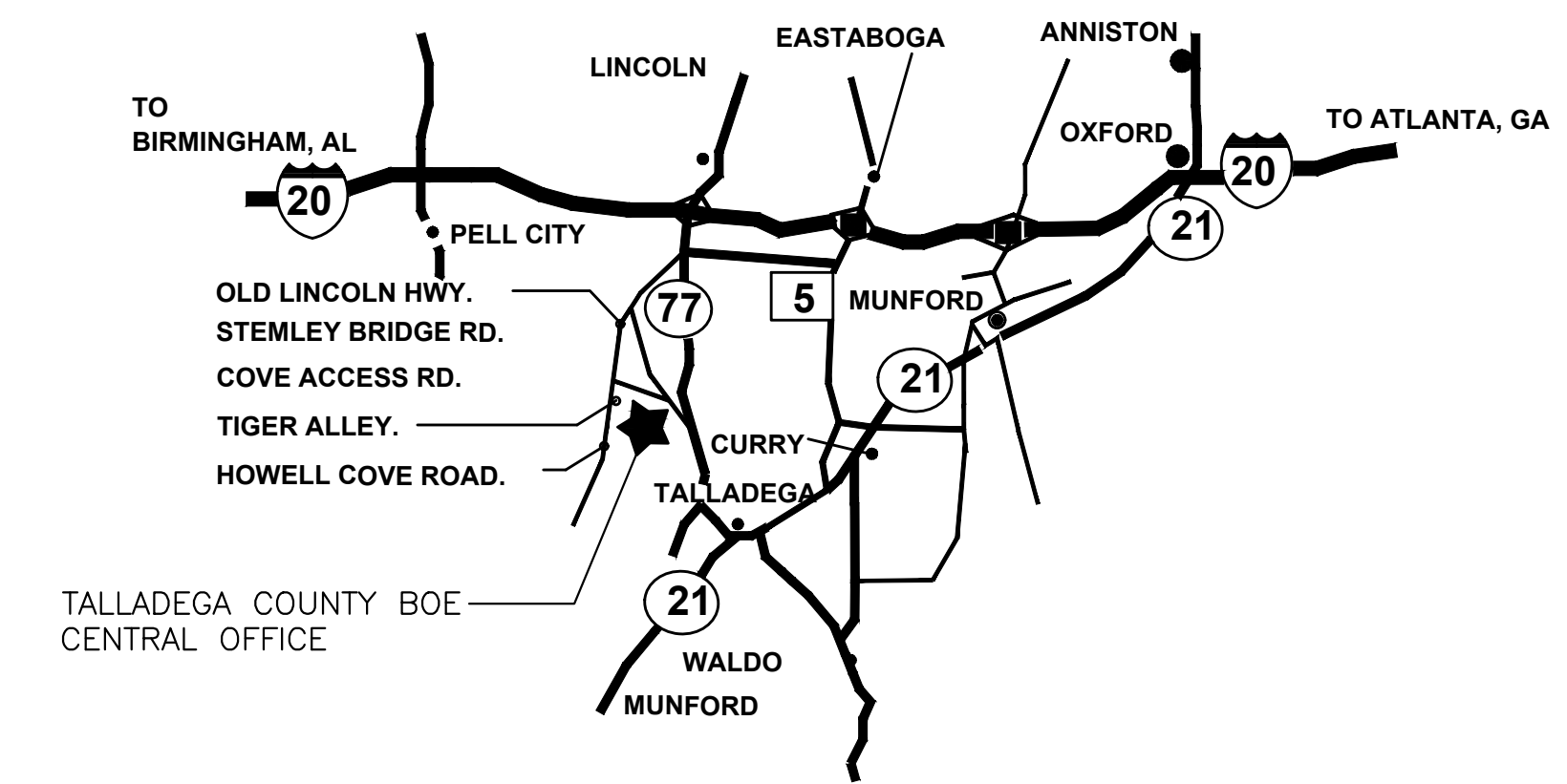
P0.1 - PLUMBING LEGEND, ABBREVIATIONS, SCHEDULES, AND DETAILS  
P0.2 - PLUMBING SPECIFICATIONS  
P2.1 - FIRST, SECOND, THIRD, AND PENTHOUSE FLOOR PLAN PLUMBING NEW WORK

### ELECTRICAL DRAWINGS (1 SHEETS)

E1.1 - ELECTRICAL PLAN



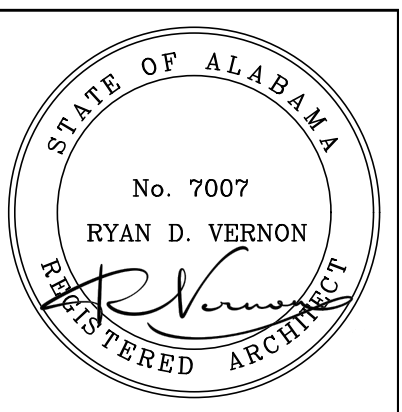
AREA MAP  
STATE OF ALABAMA



VICINITY MAP  
TALLADEGA COUNTY, ALABAMA

ELEVATOR REPLACEMENT AT  
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TALLADEGA COUNTY BOARD OF EDUCATION

SHEET TITLE:  
TITLE AND INDEX



PROJ. MGR.: S. WILSON

DRAWN: S.N

DATE: MARCH 26, 2026

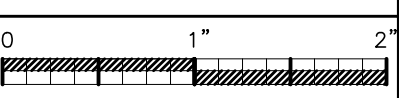
REVISIONS

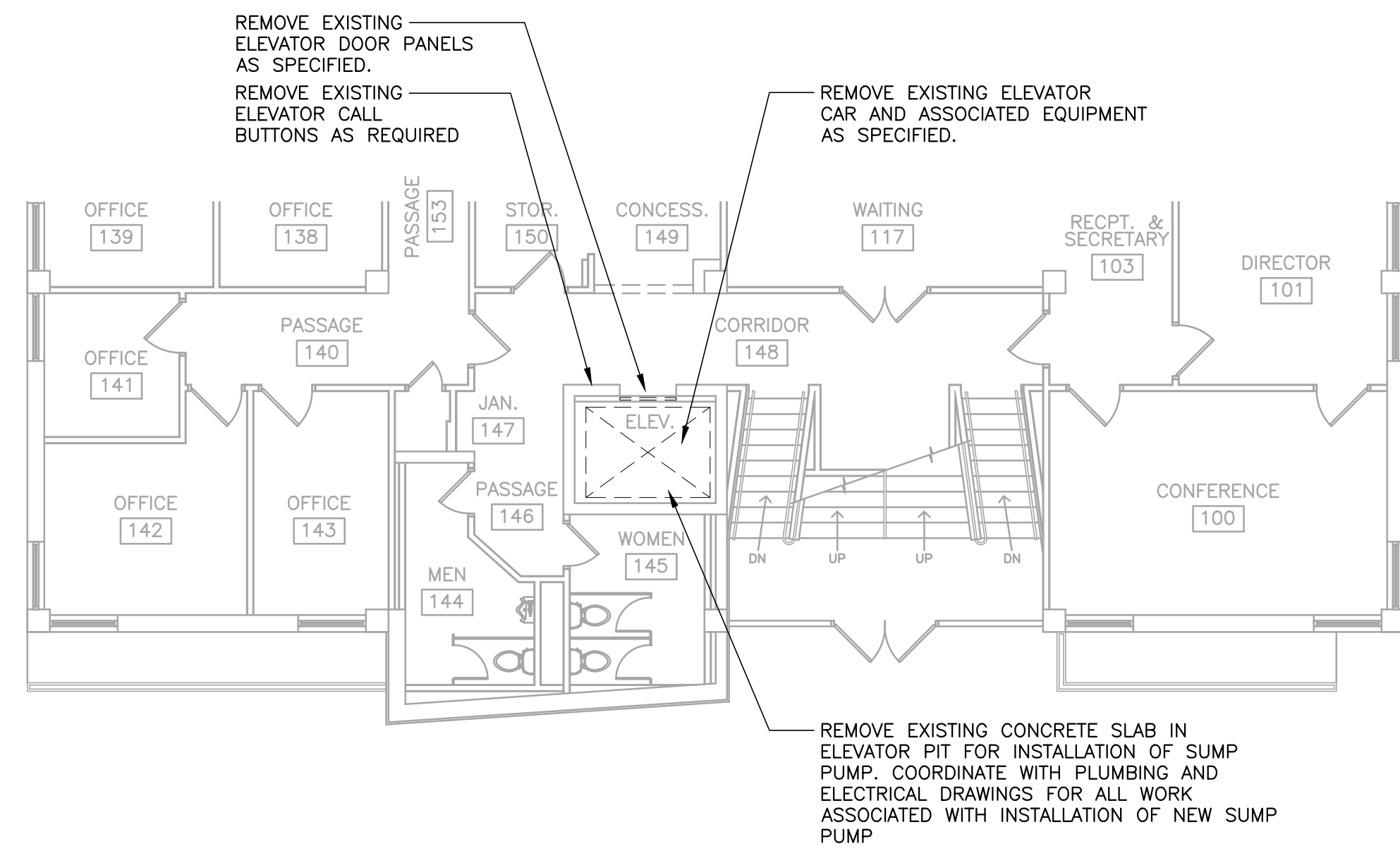
JOB NO. 25-96

SHEET NO:

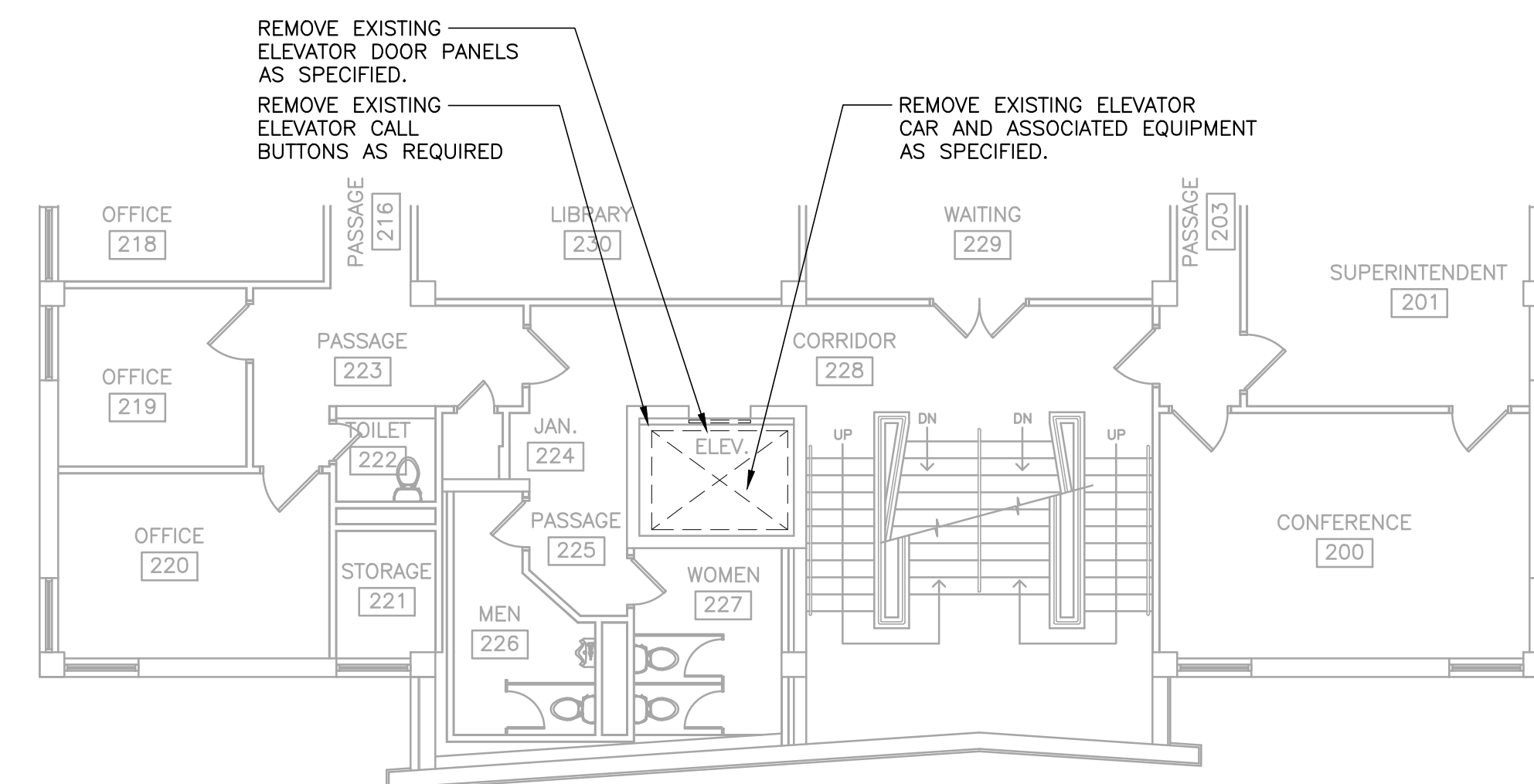
**T1**

1 OF 1

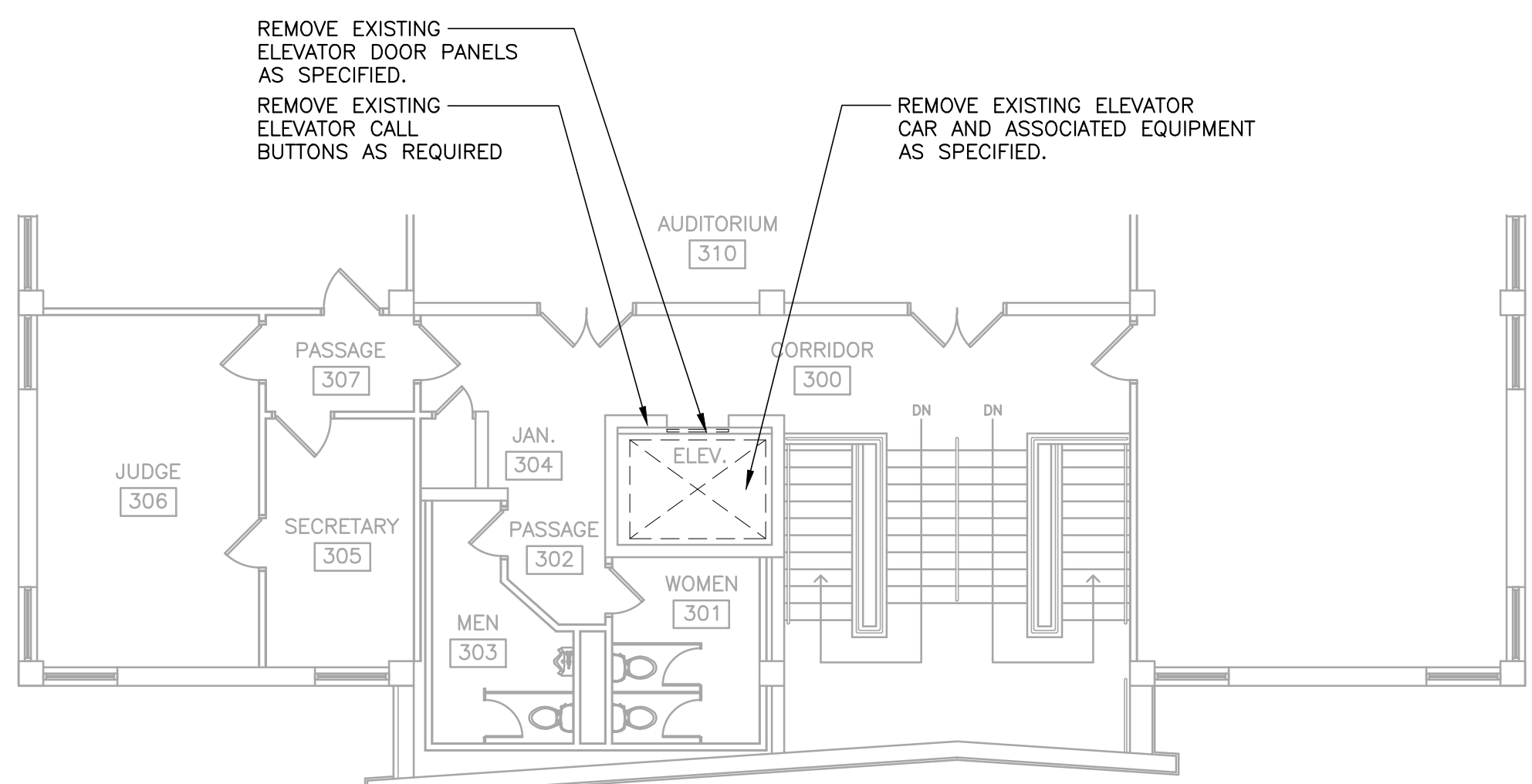




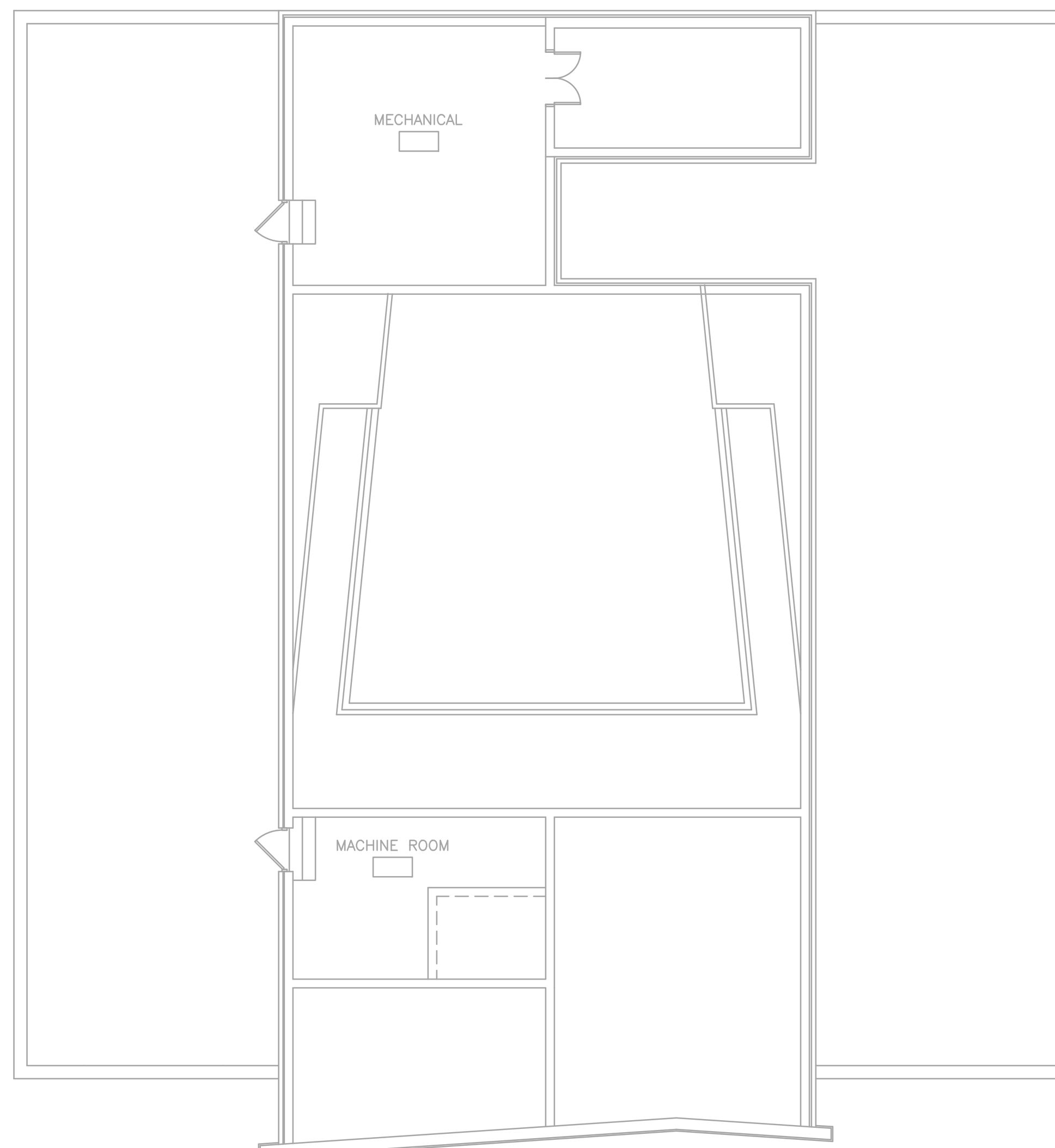
**1 LOWER FLOOR DEMOLITION PLAN**  
SCALE: 1/8" = 1'-0"



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



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

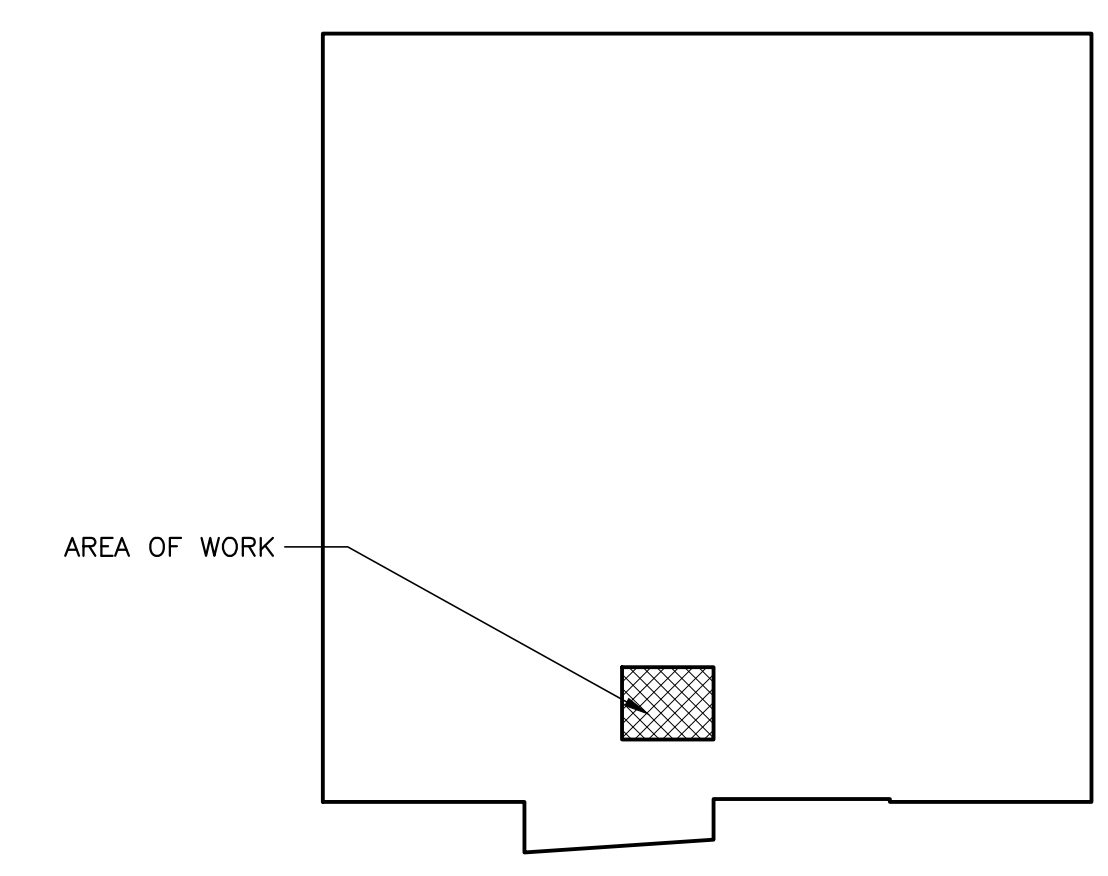


**4 PENTHOUSE/ATTIC DEMOLITION PLAN**  
SCALE: 1/8" = 1'-0"

- DEMOLITION NOTES**
- DEMOLITION SCOPE OF WORK SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING: ALL ASSOCIATED DEMOLITION REQUIRED FOR THE REPLACEMENT OF THE ELEVATOR CONTROLS AND STARTER; REPLACEMENT OF POWER UNIT; REPLACEMENT OF SIGNAL FIXTURES; REPLACEMENT OF HOISTWAY WIRING AND TRAVELING CABLES; REPLACEMENT OF DOOR OPERATOR AND RELATED DOOR EQUIPMENT AND REPLACEMENT OF CAR ENCLOSURE. **IT IS THE INTENT OF THESE DOCUMENTS FOR ALL DEMOLITION WORK AS REQUIRED TO PROVIDE NEW CONSTRUCTION TO BE INCLUDED IN BASE BID, WHETHER INDICATED OR NOT.** DASHED LINES INDICATE GENERAL EXISTING CONSTRUCTION TO BE REMOVED. CONTACT ARCHITECT FOR DEMOLITION CLARIFICATION IF UNCLEAR ON WHICH ITEMS ARE TO BE REMOVED.
  - GENERAL CONTRACTOR SHALL REMOVE ALL ABANDONED ARCHITECTURAL, PLUMBING, MECHANICAL, ELECTRICAL CONSTRUCTION. PROTECT ITEMS TO BE RELOCATED OR DESIGNATED AS SALVAGED.
  - CONTRACTOR SHALL PROTECT EXISTING CONSTRUCTION & SYSTEMS TO REMAIN AND CORRECT ANY DAMAGE RESULTING FROM DEMOLITION WORK. PROTECT FIRE ALARM SYSTEM AND MAINTAIN OPERATIONAL. MAINTAIN EXISTING FIRE WALL FUNCTIONAL.
  - COORDINATE WITH FINISH LEGEND AND SCHEDULE TO DETERMINE EXISTING SURFACES TO RECEIVE NEW FINISHES REMOVE EXISTING FINISHES AS REQUIRED AND MAKE EXISTING SURFACES READY TO RECEIVE NEW FINISHES. PATCH AND/OR REPAIR EXISTING ADJACENT CONSTRUCTION TO REMAIN.
  - DISCONNECT & REMOVE ANY EXISTING ABANDONED FLOOR CONDUIT AND OUTLETS. PATCH AND REPAIR SLAB.
  - CONTACT AND COORDINATE W/ ARCHITECT & STRUCTURAL ENGINEER BEFORE REMOVING OR ALTERING ANY STRUCTURAL COMPONENTS. SEE RESPECTIVE CIVIL, STRUCTURAL, PLUMBING, HVAC AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
  - COORDINATE WITH THE OWNER BEFORE REMOVING ANY SALVAGEABLE MATERIALS & EQUIPMENT.
  - DEMOLITION WORK SHALL NOT CHANGE THE INTEGRITY OF EXISTING STRUCTURE, FIRE ALARM SYSTEM & FIRE RATED CONSTRUCTION TO REMAIN. ANY EXISTING FIRE RATED CONSTRUCTION TO REMAIN WHICH HAS BEEN AFFECTED BY DEMOLITION WORK MUST BE CORRECTED AND MADE TO MEET THE ORIGINAL RATING. COORDINATE WITH ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, PLUMBING & ELECTRICAL DRAWINGS TO DETERMINE LIMITS OF DEMOLITION REQUIRED FOR NEW CONSTRUCTION.
  - REMOVE ALL ABANDONED EQUIPMENT AND CLEAN CRAWL SPACE AS REQUIRED.
  - UPON COMPLETION OF DEMOLITION SURVEY BUILDING AND COORDINATE WITH ARCHITECT/ENGINEERS ON ANY UNFORESEEN CONDITIONS. ALLOW ARCHITECT/ENGINEERS OPPORTUNITY TO REVIEW ALL EXISTING CONDITIONS AND MAKE MODIFICATIONS AS REQUIRED TO COORDINATE WITH ANY UNFORESEEN CONDITIONS.
  - CONTRACTOR TO ENSURE FACILITY IS SECURE DURING ABATEMENT AND CONSTRUCTION. RESTRICT AND SECURE ACCESS WITH PLYWOOD OR APPROVED MATERIAL, AT INGRESS/EGRESS LOCATIONS TO REMAIN THAT WILL BE AFFECTED BY CONSTRUCTION ACTIVITIES.

**DEMOLITION LEGEND**

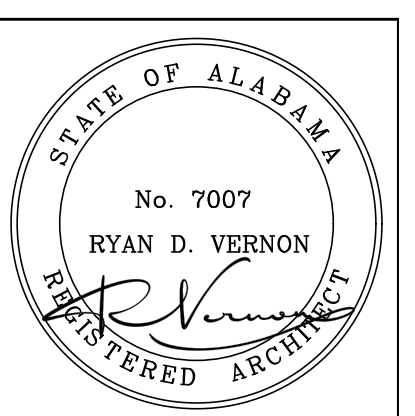
---	EXISTING WALL TO BE REMOVED
---	EXISTING WALL
---	EXISTING WALL/PARTITION PORTION TO REMAIN



**KEYPLAN**  
SCALE: NTS

ELEVATOR REPLACEMENT AT  
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106 SOUTH STREET WEST, TALLADEGA, ALABAMA 35160  
TALLADEGA COUNTY BOARD OF EDUCATION

SHEET TITLE:  
DEMOLITION FLOOR PLANS



PROJ. MGR.: S. WILSON  
DRAWN: S.N.  
DATE: MARCH 26, 2026

REVISIONS

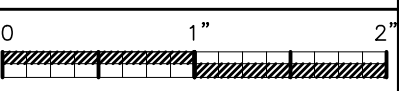
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JOB NO. **25-96**

SHEET NO:

**A1.0**

1 OF 2



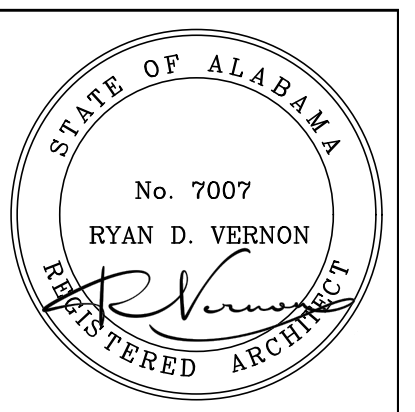


GENERAL SITE WORK NOTES	
REFER TO SPECIFICATION FOR ALL NEW ELEVATOR COMPONENTS INCLUDED IN SCOPE OF WORK.	
CONTRACTOR TO MAINTAIN ACCESS TO ALL MEANS OF EGRESS DURING CONSTRUCTION. COORDINATE WITH OWNER IF ANY TEMPORARY EGRESS MEASURES WILL BE REQUIRED.	
CONTRACTOR TO MAINTAIN INTEGRITY OF ALL EXISTING RATED WALLS DURING CONSTRUCTION.	
CONTRACTOR TO FIELD VERIFY INTEGRITY OF EXISTING ELEVATOR SHAFT AND NOTIFY ARCHITECT OF ANY REQUIRED DEFICIENCIES THAT NEED TO BE CORRECTED.	
CONTRACTOR TO COORDINATE WITH PLUMBING AND ELECTRICAL DRAWINGS FOR WORK ASSOCIATED WITH NEW SUMP PUMP SYSTEM.	
SEAL ALL OPENINGS IN ELEVATOR SHAFT WALLS ARE REQUIRED TO PROVIDE A 2HR FIRE SEPARATION.	
INTERIOR FINISHES OF ELEVATOR CAB COMPONENTS TO BE SELECTED BY ARCHITECT.	

LEGEND	
	NEW CONSTRUCTION
	EXISTING WALL/PARTITION PORTION TO REMAIN

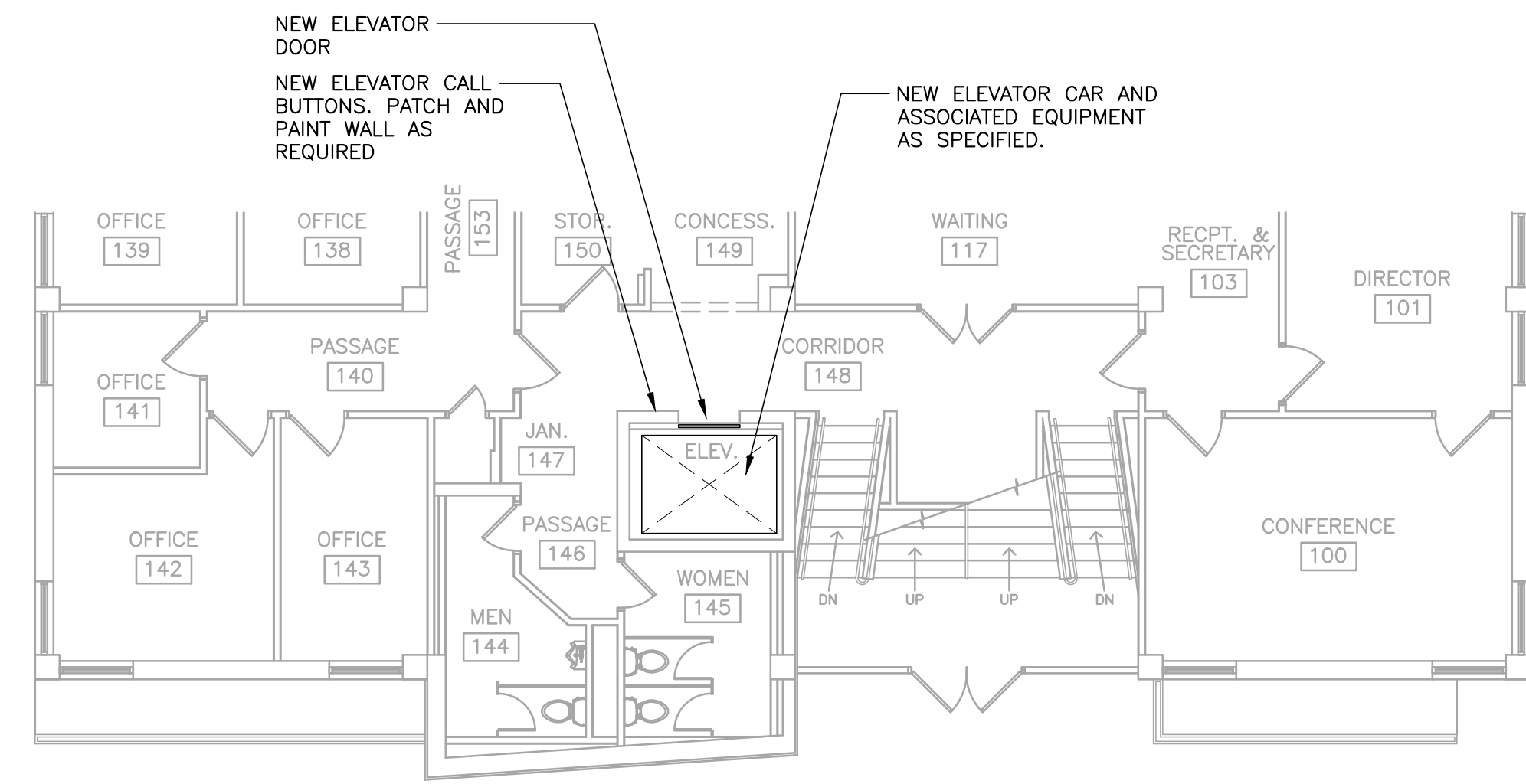
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TALLADEGA COUNTY BOARD OF EDUCATION

SHEET TITLE:  
PARTIAL FLOOR PLANS

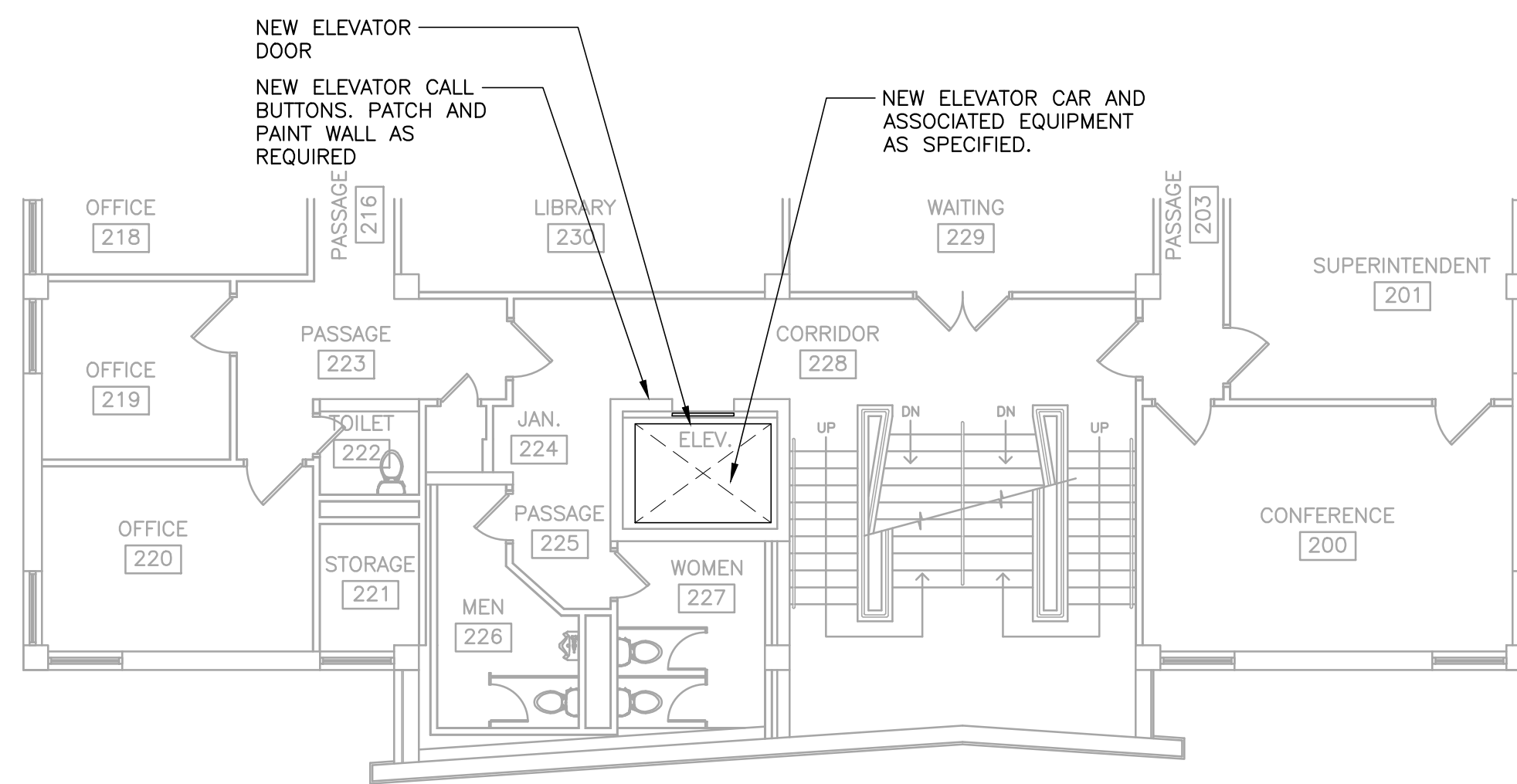


PROJ. MGR.: S. WILSON
DRAWN: S.N
DATE: MARCH 26, 2026
REVISIONS

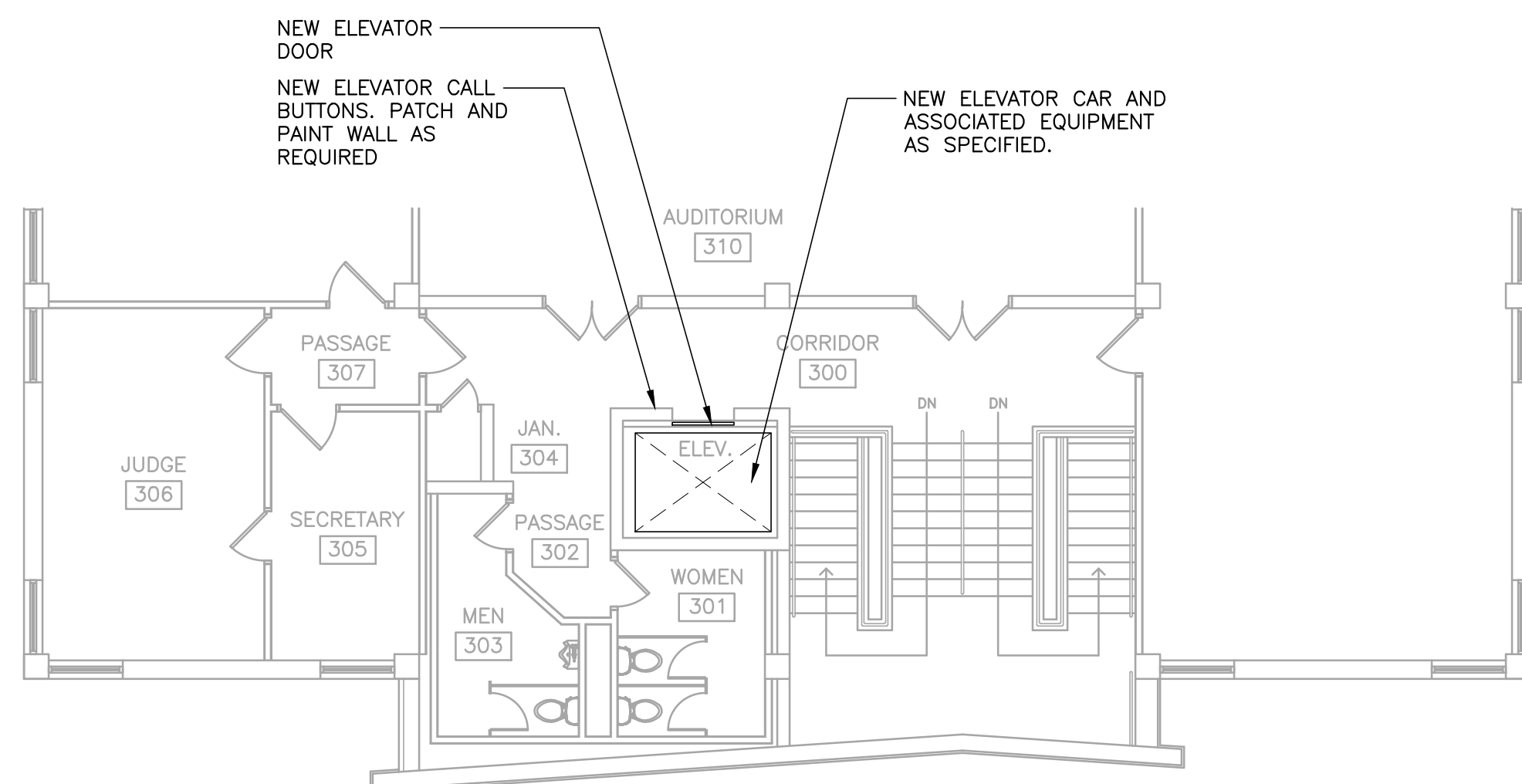
JOB NO. 25-96
SHEET NO. <b>A2.0</b>
2 OF 2



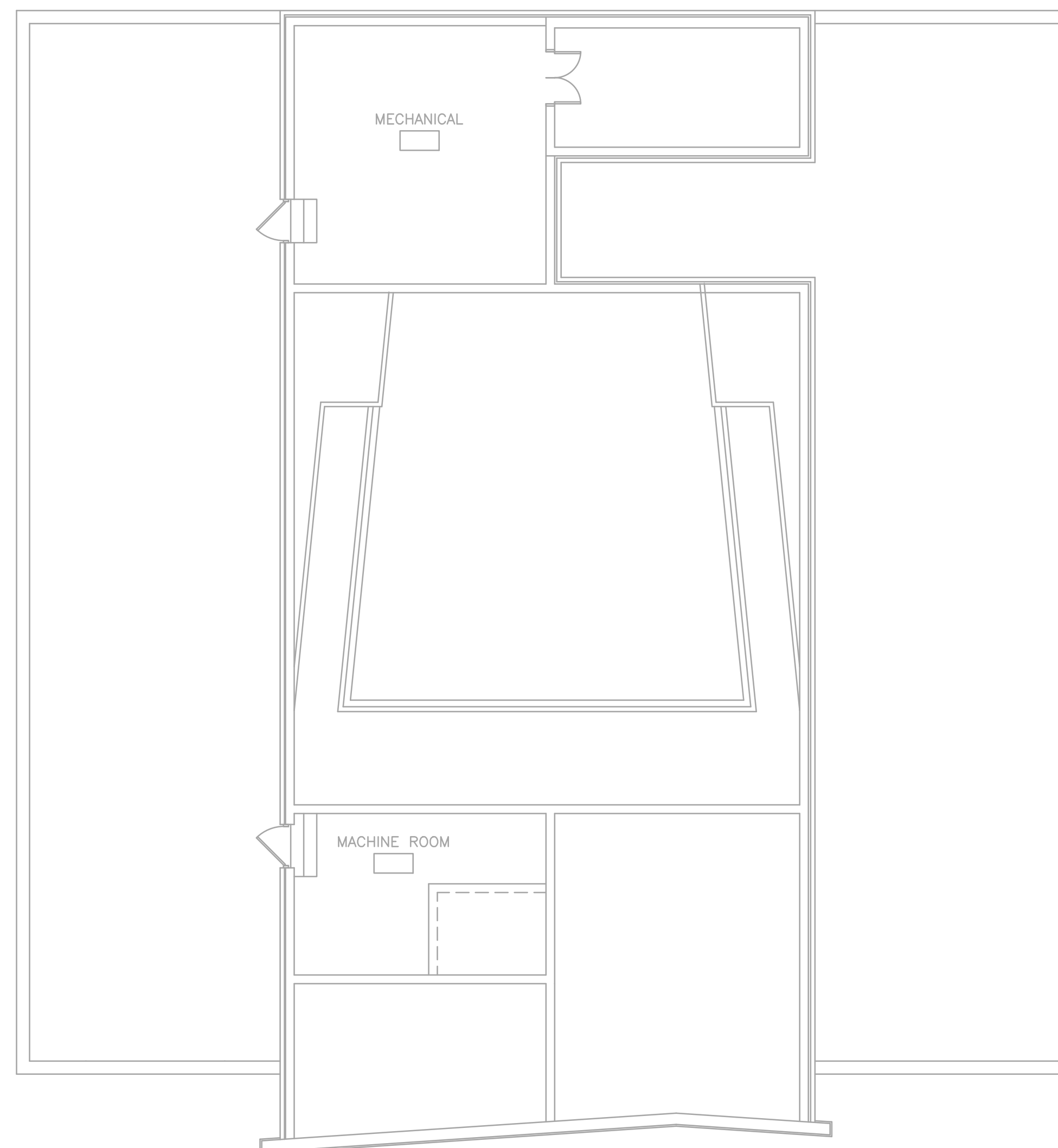
**1 LOWER FLOOR PARTIAL PLAN**  
SCALE: 1/8" = 1'-0"



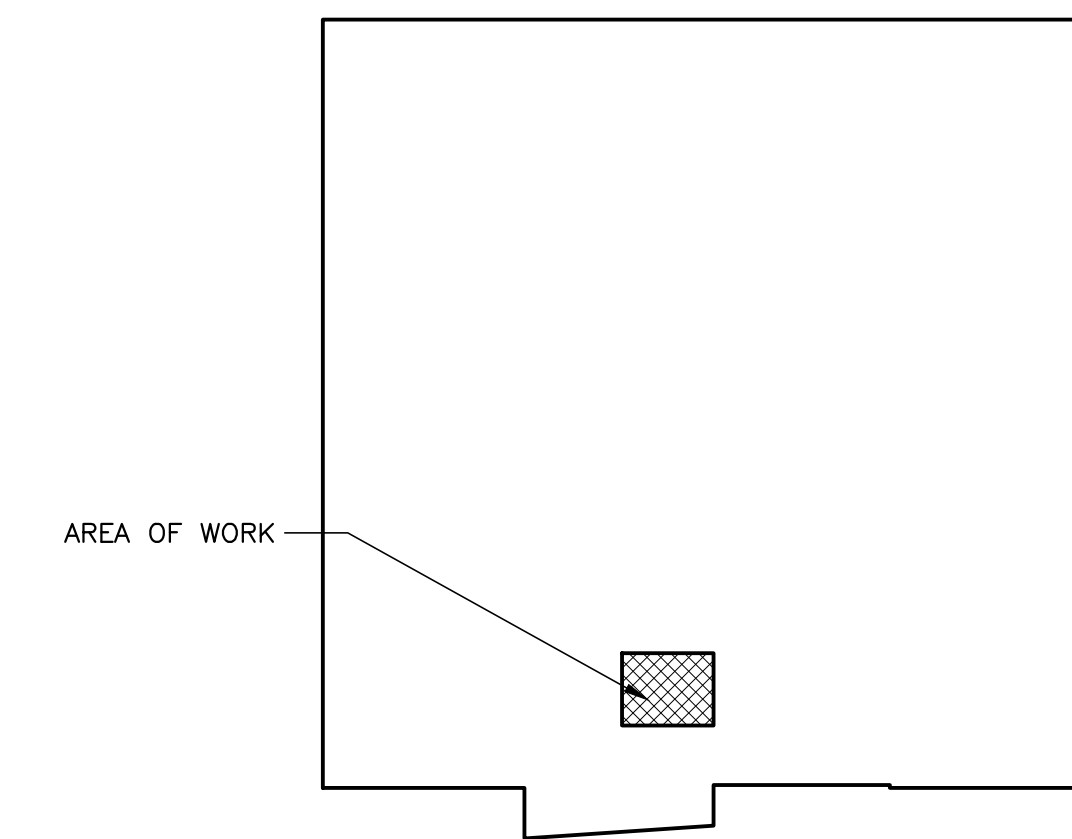
**2 FIRST FLOOR PARTIAL PLAN**  
SCALE: 1/8" = 1'-0"



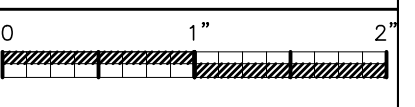
**3 SECOND FLOOR PARTIAL PLAN**  
SCALE: 1/8" = 1'-0"

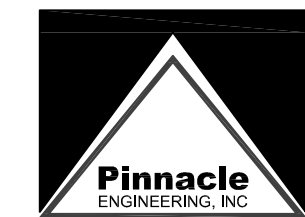


**4 PENTHOUSE/ATTIC FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



**KEYPLAN**  
SCALE: NTS





**PLUMBING LEGEND SYMBOLS AND ABBREVIATIONS**

— FW —	FORCED WASTE		BALL VALVE	ABV	ABOVE
— SW —	SANITARY WASTE		VALVE IN VERTICAL	AFF	ABOVE FINISHED FLOOR
			CAP ON END OF PIPE	INV	INVERT
			CLEANOUT - FLOOR TYPE	BFF	BELOW FINISHED FLOOR
			CLEANOUT - WALL TYPE	CW	COLD WATER
			P-TRAP	DN	DOWN
			PIPE TURNING DOWN	EX	EXISTING
			PIPE TURNING UP	HW	HOT WATER
			TEE DOWN	WS	WASTE STACK
			TEE UP	VS	VENT STACK
			TIE NEW INTO EXISTING	AC	ABOVE CEILING
			PLUMBING FIXTURE NUMBER	WHA	WATER HAMMER ARRESTOR
			PLUG TYPE CLEANOUT	BFG	BELOW FINISHED GRADE
			BALANCING VALVE	TMV	THERMOSTATIC MIXING VALVE
			CHECK VALVE	TP	TRAP PRIMER
			REDUCED PRESSURE ZONE BFP		
			THERMOSTATIC MIXING VALVE		
			FLOOR SINK		
			FLOOR DRAIN		

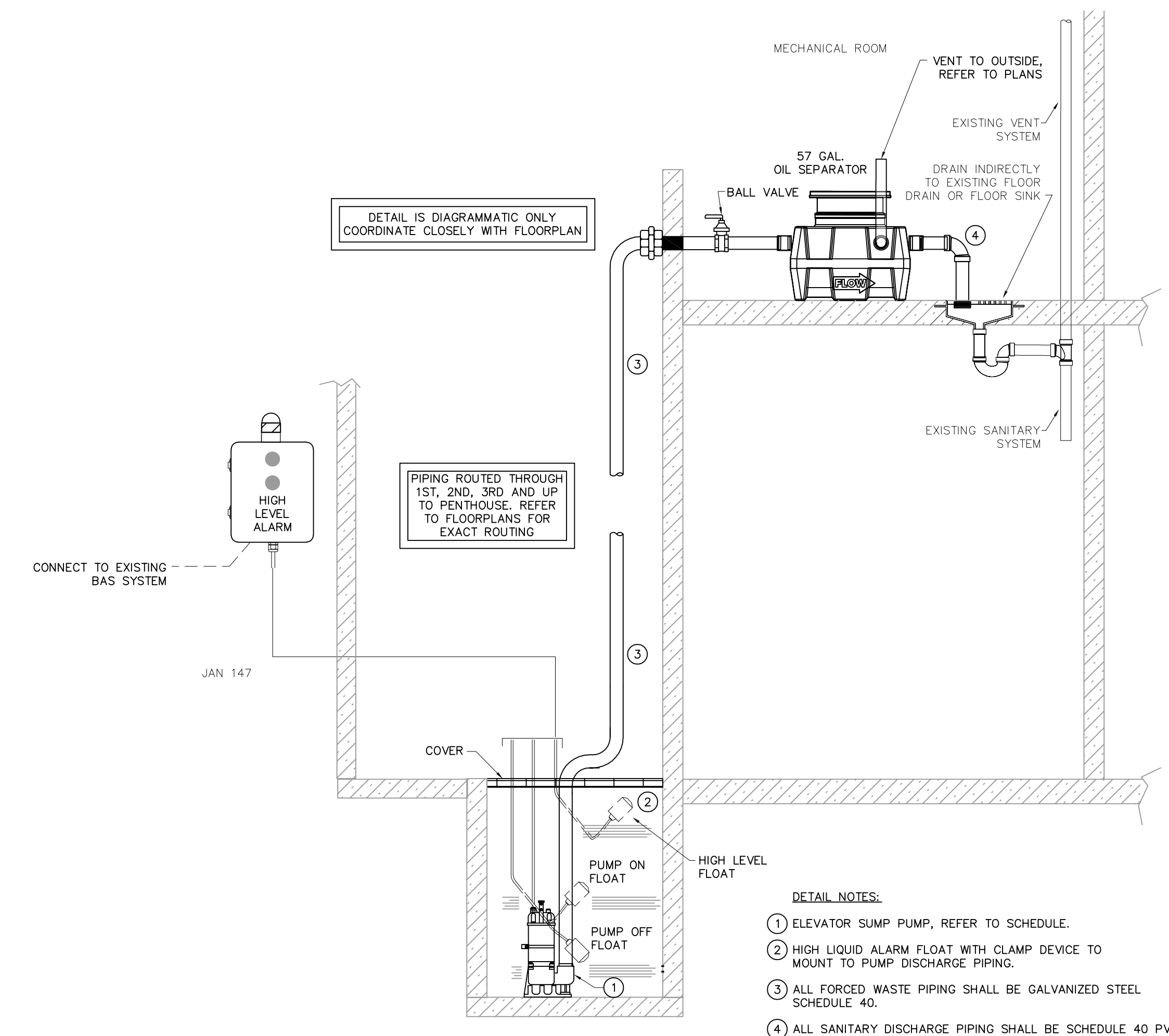
**PUMP SCHEDULE**

EQUIPMENT NO.	MANUFACTURER AND MODEL NO.	SERVICE	PUMP TYPE	FLOW (GPM)	HEAD (FT)	RPM	EFF (%)	VIBRATION ISOLATION				ELECTRICAL		REMARKS	
								TYPE	DEFLECTION (IN)	BASE	DISCONNECT	MOTOR STARTER	MOTOR HP		VOLTS/PH/Hz
SP-1	ZOELLER 6186	ELEVATOR SUMP PIT	SUBMERSIBLE	50	73	3450	--	--	--	--	BY DIV 16	INTEGRAL	1.5	208/3/60	1), 2)

REMARKS:  
1) APPROVED EQUALS INCLUDE STANCOR, LIBERTY OR PREAPPROVED EQUAL.  
2) PROVIDE WITH ALARM PANEL. INTERLOCK ALARM WITH BUILDING AUTOMATION SYSTEM.

**GREASE INTERCEPTOR SCHEDULE**

EQUIPMENT NO.	MANUFACTURER/ MODEL NO.	FLOW RATE (GPM)	LIQUID HOLDING CAPACITY (GAL)	CONNECTION SIZES		UNIT DIMENSIONS			REMARKS
				INLET (IN.)	OUTLET (IN.)	LENGTH (IN.)	WIDTH (IN.)	DEPTH (IN.)	
OS-1	STRIEM OS-50	50	57	4	4	37	28	28.5	--

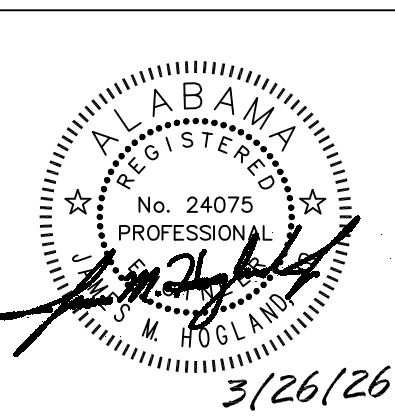


- DETAIL NOTES:
- ELEVATOR SUMP PUMP, REFER TO SCHEDULE.
  - HIGH LIQUID ALARM FLOAT WITH CLAMP DEVICE TO MOUNT TO PUMP DISCHARGE PIPING.
  - ALL FORCED WASTE PIPING SHALL BE GALVANIZED STEEL SCHEDULE 40.
  - ALL SANITARY DISCHARGE PIPING SHALL BE SCHEDULE 40 PVC.

**1 SUMP PUMP SYSTEM DETAIL**  
P0.1 NO SCALE

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SHEET TITLE:  
PLUMBING LEGEND,  
ABBREVIATIONS,  
SCHEDULES AND  
DETAILS

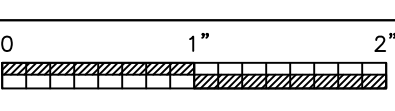


PROJ. MGR.: ZBL  
DRAWN: CRA  
DATE: MARCH 26, 2026  
REVISIONS

JOB NO. **25-96**

SHEET NO:

**P0.1**



SECTION 15011 – PLUMBING GENERAL

- A. PROVIDE EQUIPMENT, LABOR, MATERIAL, ETC., REQUIRED TO MAKE A COMPLETE WORKING INSTALLATION.
- B. INSTALL THE WORK IN ACCORDANCE WITH DRAWINGS, SPECIFICATIONS AND THE STANDARDS AND CODES (LATEST EDITION) THAT APPLY TO THIS WORK. IN THE EVENT OF A CONFLICT, INSTALL WORK IN ACCORDANCE WITH THE MOST STRINGENT CODE REQUIREMENTS DETERMINED BY THE ARCHITECT (OR) ENGINEER.
- C. OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS INCLUDING: BUILDING PERMITS, HEALTH DEPARTMENT PERMITS AND SEWER TAP PERMITS. DELIVER TO ARCHITECT (OR) ENGINEER CERTIFICATES OF INSPECTION AND APPROVAL ISSUED BY AUTHORITIES.
- D. ALL EQUIPMENT AND METHOD SHALL BE INSTALLED AND CONNECTED IN ACCORDANCE WITH THE BEST ENGINEERING PRACTICES AND IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- E. DISCONNECT, REMOVE AND RE-INSTALL PLUMBING SERVICES LOCATED ON OR CROSSING THROUGH CONTRACT LIMITS, ABOVE OR BELOW GRADE, OBSTRUCTING CONSTRUCTION OF PROJECT OR CONFLICTING WITH COMPLETED PROJECT OR ANY APPLICABLE CODES.
- F. DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY. WORK CALLED FOR BY ONE IS BINDING AS IF CALLED FOR BY BOTH.
- G. DRAWINGS ARE DRAWN TO A SMALL SCALE AND ARE DIAGRAMMATIC ONLY. THE DRAWINGS INDICATE SIZE AND GENERAL ARRANGEMENT OF EQUIPMENT. DO NOT SCALE DRAWINGS FOR EXACT LOCATIONS. FIELD MEASUREMENTS TAKE PRECEDENCE.
- H. PROVIDE NECESSARY OFFSETS, ELBOWS AND FITTINGS AS REQUIRED TO AVOID CONFLICT WITH EQUIPMENT OF OTHER DIVISIONS AND TO OBTAIN PROPER HEADROOM AND CLEAR PASSAGEWAYS. THIS SHALL BE DONE AT NO ADDITIONAL COST TO THE OWNER.
- I. WORK UNDER THIS DIVISION SHALL BE FIRST CLASS WITH EMPHASIS ON NEATNESS AND WORKMANSHIP. INSTALL WORK USING COMPETENT MECHANICS, UNDER SUPERVISION OF FOREMAN, ALL DULY CERTIFIED BY LOCAL AUTHORITIES.
- J. INSTALLATION SUBJECT TO ARCHITECT'S (OR) ENGINEER'S OBSERVATION, FINAL APPROVAL, AND ACCEPTANCE. ARCHITECT (OR) ENGINEER MAY REJECT UNSUITABLE WORK.
- K. ALL MATERIALS SHALL BE NEW. ALL MATERIALS AND EQUIPMENT FOR WHICH A UL STANDARD, AN AGA APPROVAL, AN AWWA STANDARD, FM LISTING OR ASME REQUIREMENTS IS ESTABLISHED, SHALL BE SO APPROVED AND LABELED OR STAMPED.
- L. THE DRAWINGS ARE BASED ON THE USE OF PRODUCTS SPECIFIED AND LISTED FIRST. IF ANY REVISION IN PIPING, CONDUIT WORK, FOUNDATIONS, ANCHOR BOLTS, CONNECTIONS, ETC., IS REQUIRED BY OTHER NAMED PRODUCTS OR APPROVED SUBSTITUTIONS, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE SUCH REVISIONS AT NO ADDITIONAL EXPENSE TO THE OWNER.
- M. SUBMIT ELECTRONIC SHOP DRAWINGS FOR ALL MATERIALS AND EQUIPMENT FURNISHED UNDER DIVISION 15 OF SPECIFICATIONS TO ARCHITECT (OR) ENGINEER FOR REVIEW. SHOP DRAWINGS SHALL BEAR THE STAMP OF APPROVAL OF THE CONTRACTOR AS EVIDENCE THAT THE DRAWINGS HAVE BEEN CHECKED BY HIM, DRAWING SUBMITTED WITHOUT THIS STAMP OF APPROVAL WILL NOT BE CONSIDERED AND WILL BE RETURNED FOR PROPER RESUBMISSION.
- N. REVIEW OF SHOP DRAWINGS DOES NOT RELIEVE CONTRACTOR OF RESPONSIBILITY FOR ERRORS AND OMISSIONS IN SHOP DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS AND SIZES OF EQUIPMENT. INFORM ARCHITECT (OR) ENGINEER IN WRITING OF EQUIPMENT DIFFERING FROM THAT SHOWN.
- O. PROVIDE MAINTENANCE AND OPERATING MANUALS BOUND IN 8 1/2" X 11" HARDBACK, THREE POST BINDERS. MANUALS SHALL CONTAIN WRITTEN INSTRUCTIONS FOR EACH SYSTEM, SCHEMATIC DRAWINGS, EQUIPMENT CATALOG CUTS, MANUFACTURER'S INSTRUCTIONS, MANUFACTURER'S WARRANTIES, AND VALVE TAG LIST.
- P. PROVIDE AS-BUILT PRINTS AT THE COMPLETION OF JOB. KEEP ONE SET OF PRINTS ON JOB AND RECORD DAY TO DAY CHANGES TO CONTRACT DRAWINGS WITH RED PENCIL. INDICATE ACTUAL LOCATION OF PIPING, VALVES, AND EQUIPMENT. TURN OVER PRINTS TO ARCHITECT (OR) ENGINEER AT FINAL OBSERVATION.
- Q. FURNISH ARCHITECT (OR) ENGINEER WRITTEN WARRANTY, STATING THAT IF WORKMANSHIP AND/OR MATERIALS EXECUTED UNDER THIS DIVISION IS PROVEN DEFECTIVE WITHIN ONE (1) YEAR AFTER FINAL ACCEPTANCE, SUCH DEFECTS AND OTHER WORK DAMAGED WILL BE REPAIRED AND/OR REPLACED.

SECTION 15051 BASIC MATERIALS AND METHODS

- A. CONCRETE HOUSEKEEPING PADS:
1. PROVIDE CONCRETE HOUSEKEEPING PADS UNDER ALL FLOOR MOUNTED EQUIPMENT, PIPE SUPPORT AND DUCT SUPPORTS AND WHERE INDICATED. CONCRETE SHALL BE 3000 PSI AT 28 DAYS MINIMUM.
  2. PADS SHALL BE DOWELED TO FLOOR WITH NOT LESS THAN 4 NO. 4 BARS GROUTED IN PLACE. ANCHOR BOLTS FOR EQUIPMENT SHALL BE POURED INTEGRAL WITH THE PAD. PADS SHALL BE REINFORCED WITH AT LEAST ONE NO. 4 BAR (STIRRUPS). PADS SHALL HAVE CHAMFERED EDGES AND A BROOM FINISH.
  3. HOUSEKEEPING PADS SHALL BE NOT LESS THAN 3-1/2 IN. THICK, SIZED AT LEAST 8 IN. LARGER THAN THE EQUIPMENT.
- B. ACCESS PANELS:
1. ACCESS PANELS SHALL HAVE WELDED STEEL FRAME, ONE PIECE DOORS, AND SELF LATCHING DOOR LOCKS. LOCKS SHALL BE SCREW DRIVER OPERATED WITH CASE HARDENED STEEL CAM. PANELS SHALL BE MILCOR, CESCO, KARP OR EQUAL.
  2. PROVIDE ACCESS PANELS IN WALLS AND CEILINGS AS NEEDED TO ALLOW ACCESS TO VALVES, EQUIPMENT, SHOCK ABSORBERS, TRAP PRIMERS, ETC. AND WHERE NEEDED.
- C. FIRESTOPPING AND SOUNDSTOPPING:
1. PENETRATIONS THROUGH FLOORS AND FIRE RESISTANT WALLS SHALL BE SEALED TO THE RATED FIRE RESISTANCE EQUAL TO THE WALL OR FLOOR. FIRESTOPPING SHALL BE DONE BY A QUALIFIED INSTALLER, APPROVED BY THE MANUFACTURER.
  2. PROVIDE SOUND PROOFING THROUGH NON RATED WALLS.
- D. PIPING SEALS:
1. PROVIDE MODULAR, RESILIENT SEALS AROUND PIPES PENETRATING ALL EXTERIOR WALLS, AND FLOORS BELOW GRADE. PIPING SEALS SHALL BE THUNDERLINE CORP. "LINK SEAL" LS SERIES.
- E. CUTTING AND PATCHING:
1. CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING AND PATCHING. CUT WALLS, FLOORS, CEILINGS, PARTITIONS, ETC., REQUIRED FOR THE INSTALLATION OF THIS WORK IN A NEAT AND CAREFUL MANNER. CORE DRILL FOR PIPE SLEEVES AND OTHER OPENINGS THROUGH FLOORS AND WALLS. SAWCUT LARGER OPENINGS. CUTTING SHALL BE KEPT TO A MINIMUM.
  2. REPLACE OR REPAIR DUCTWORK, CONDUIT, PIPING, ETC., THAT IS CUT. PATCH AROUND OPENING CUT BY THIS CONTRACTOR OR PROVIDED BY OTHERS FOR HIM. PATCHING SHALL BE DONE BY AN APPROVED QUALIFIED CONTRACTOR, BUT SHALL BE PAID FOR BY THIS CONTRACTOR. FINISHED PATCHING SHALL RETAIN FIRE AND SMOKE RATINGS OF THE ASSEMBLY AND SHALL MATCH SURROUNDING FINISH.
- F. ANCHORS:
1. MOUNT ALL EQUIPMENT, BRACKETS, HANGERS, ANCHORS, ETC. TO SAFELY RESIST THE VIBRATION OR THRUST FORCES AND SUPPORT THE WEIGHT OF THE EQUIPMENT.
  2. FLOOR MOUNTED ROTATING OR VIBRATING EQUIPMENT SHALL BE ANCHORED TO THE FLOOR USING GROUTED IN PLACE OR CAST IN PLACE ANCHOR BOLTS WITH THREE INCH HOOK AND SLEEVE. ANCHOR BOLTS SHALL BE OF THE SIZE RECOMMENDED BY THE MANUFACTURER.
  3. FLOOR MOUNTED STATIC ITEMS, WALL AND CEILING MOUNTED EQUIPMENT BRACKET AND HANGERS SHALL BE INSTALLED USING DRILLED ANCHORS [OR CAST IN PLACE INSERTS]. ANCHORS SHALL BE PHILLIPS DRILL COMPANY "RED HEAD" OR MULTI SET II. SIZE ANCHORS [AND INSERTS] FOR FOUR TIMES THE APPLIED LOAD. BOLTS USED OUTDOORS OR IN A WET ENVIRONMENT SHALL BE HOT DIP GALVANIZED.
- G. PIPE IDENTIFICATION:
1. IDENTIFICATION SHALL BE IN ACCORDANCE WITH ANSI A13.1. PIPE MARKERS SHALL BE SETON'S WEATHER CODE OR EQUAL.
  2. PROVIDE PIPE MARKERS AND DIRECTIONAL ARROWS ON PIPES AT BOTH SIDES OF PARTITIONS AND FLOORS SLABS, AT BRANCH LINE TAKE OFFS, AT VALVES, AT INTERMEDIATE INTERVALS NOT IN EXCESS OF 20 FT. AND AT CONNECTIONS TO EQUIPMENT.
  3. TAPE COLOR BAND IDENTIFYING MARKERS AND ARROWS ON EACH PIPE, BOTH INSULATED AND BARE PIPES. PIPE MARKERS AND ARROWS SHALL BE LOCATED WHERE READILY VISIBLE AND ON LOWER QUADRANTS OF OVERHEAD PIPES.
- H. VALVE TAG AND CHART:
1. VALVE TAGS SHALL BE SETON M4506, BLACK FILLED LETTERS WITH BRASS JACK CHAIN. ONE VALVE NUMBER SHALL BE STAMPED ON EACH TAG, IDENTIFY EACH VALVE TAG FOR THE UTILITY IT SERVES, SUCH AS "CW" FOR COLD WATER, HW FOR HOT WATER, ETC. VALVE CHARTS SHALL BE SETON. ATTACH A NUMBERED VALVE TAG TO EACH VALVE.
  2. PROVIDE A TYPE WRITTEN CHART IN FRAME UNDER GLASS COVER, GIVING THE FULL LIST OF ALL VALVES INSTALLED UNDER THIS CONTRACT. CHART SHALL LIST VALVE NUMBER, TYPE OF UTILITY, AND LOCATION. MOUNT CHART WHERE DIRECTED BY OWNER. PROVIDE ONE ADDITIONAL COPY TO OWNER.
- I. EQUIPMENT IDENTIFICATION:
1. IDENTIFY EACH PIECE OF EQUIPMENT WITH A 1/8 INCH THICK ENGRAVED MELAMINE PLASTIC LAMINATE NAMEPLATE. LETTERS SHALL BE 1/2 INCH HIGH STANDARD STYLE. NAMES, ABBREVIATIONS, AND NUMBERING SHALL AGREE WITH THE CORRESPONDING EQUIPMENT DESIGNATIONS SHOWN ON THE DRAWINGS. USE BLACK LETTERS CUT IN A WHITE BACKGROUND FOR ALL EQUIPMENT ON STANDARD ELECTRICAL POWER.
  2. FASTEN NAMEPLATES TO EQUIPMENT IN A CONSPICUOUS LOCATION USING SELF TAPPING STAINLESS STEEL SCREWS, EXCEPT USE CONTACT EPOXY ADHESIVE WHERE SCREWS CANNOT OR SHOULD NOT PENETRATE SUBSTRATE.
- J. PIPE SLEEVES:
1. PROVIDE PIPE SLEEVES WHERE PIPES PASS THROUGH FLOORS AND WALLS ABOVE OR BELOW CEILINGS. PROVIDE PIPE SLEEVES IN NEW WALLS AND FLOORS AS THE WORK PROGRESSES. PROVIDE SPLIT PIPE SLEEVES IN NEW WALLS BUILT UP AROUND EXISTING PIPES. TACK WELD SPLIT SLEEVES TOGETHER.
  2. SIZE PIPE SLEEVES TO ALLOW CONTINUOUS INSULATION, BUT NOT LESS THAN TWO PIPE SIZES LARGER THAN PIPE. SLEEVES IN WALLS SHALL BE FLUSH WITH WALL, SLEEVES IN FLOORS SHALL EXTEND 3/4 INCHES ABOVE FLOOR AND BE FLUSH WITH STRUCTURE BELOW.
  3. SLEEVES IN CONCRETE WALLS, FLOORS OR MASONRY SHALL BE SCH 40 STEEL PIPE, MACHINE CUT. SLEEVES IN GYPSUM BOARD OR PLASTER WALLS SHALL BE 14 GAUGE, ROLLED GALVANIZED SHEET METAL TACK WELDED ON THE LONGITUDINAL SEAM.
  4. PROVIDE PLATES AROUND PIPES EXTENDING INTO EXPOSED AREAS WHERE THEY PASS THROUGH WALLS, FLOORS AND CEILINGS. SIZE PLATES TO COMPLETELY COVER PIPE SLEEVES. PLATES SHALL BE BEATON AND CADWELL, KEENEY OR GRINNELL, NICKEL PLATED STEEL, SPLIT PLATES WITH SET SCREW. CONCRETE FLOOR PLATE SHALL BE GRINNELL FIGURE 400.
- K. FLASHING:
1. PROVIDE FLASHING AT PIPING AND DUCT PENETRATIONS THROUGH ROOF AND ROOF MOUNTED STRUCTURES FURNISHED UNDER THIS DIVISION. FLASH IN ACCORDANCE WITH ROOFING MANUFACTURERS' DETAILS. FLASHING MATERIALS SHALL BE IN ACCORDANCE WITH THE ROOFING MANUFACTURERS' SYSTEM.
  2. PROVIDE FLASHING AT PIPES PASSING THROUGH FLOORS WITH WATERPROOF MEMBRANE. FLASHING SHALL BE IN ACCORDANCE WITH WATERPROOFING MANUFACTURER'S DETAILS.

SECTION 15141 – PLUMBING PIPING SUPPORTS AND ANCHORS

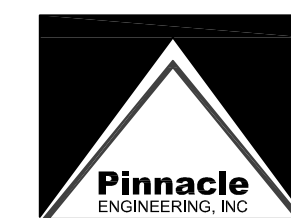
- A. GENERAL:
1. SUBMITTALS SHALL INCLUDE MANUFACTURER'S DATA SHEETS ON ALL CATALOG ITEMS TO BE USED.
  2. STRUCTURAL SUPPORTS SHALL BE DESIGNED IN ACCORDANCE WITH AISC MANUAL FOR STEEL CONSTRUCTION. SUPPORT FROM THE FLOOR ALL HORIZONTAL PIPING WITH A CENTERLINE ELEVATION LESS THAN FOUR FEET FROM THE FLOOR. SUPPORT PIPING INDEPENDENT OF PUMPS, ADJACENT PIPING AND EQUIPMENT. HANGERS SHALL BE IN ACCORDANCE WITH MSS SP 58.
  3. HANGERS FOR SUSPENDING PIPE 2 1/2 IN. AND LARGER SHALL BE CAPABLE OF VERTICAL ADJUSTMENT. HANGERS, DEVICES AND HARDWARE LOCATED OUTDOORS SHALL BE HOT DIP GALVANIZED. STEEL AND MALLEABLE IRON HANGERS SIZED FOR COPPER TUBING SHALL BE COPPER PLATED.
  4. DRILL FOR ANCHORS IN STRUCTURAL SLABS AND WALLS. ANCHORS SHALL BE PHILLIPS DRILL COMPANY "RED HEAD", OR MULTI SET II. HILT FASTENERS, RAWPLUG COMPANY AND WEJ II CORPORATION ARE APPROVED EQUAL. POWDER ACTUATED FASTENERS ARE PROHIBITED.
  5. REPAIR/REPLACE FIRE PROOFING ON STRUCTURAL BEAMS WHERE IT IS REMOVED OR DAMAGED FOR WORK UNDER THIS SECTION. AN APPROVED AND QUALIFIED TRADESMAN SHALL DO REPAIR/REPLACEMENT.
- B. STRUCTURAL STEEL:
1. ALL STRUCTURAL STEEL COMPONENTS USED IN THE FABRICATION OF SUPPORTS, ETC. SHALL BE ASTM A 36 OR ASTM A 500 GRADE A OR B STRUCTURAL STEEL. ALL STEEL FRAMING, WELDMENTS AND MISCELLANEOUS STEEL NECESSARY FOR THE INSTALLATION OF SUPPORTS, ANCHORS, ETC. SHALL BE DESIGNED IN ACCORDANCE WITH THE AISC STEEL HANDBOOK. STEEL SHALL BE SHOP FABRICATED, FURNISHED BY THE CONTRACTOR. STEEL SHALL RECEIVE ONE SHOP COAT OF PRIMER.
  2. ATTACH WALL MOUNTED PIPE SUPPORTS FOR EXPOSED PIPING ON DRY WALL CONSTRUCTION TO ANGLE OR CHANNEL SUPPORTS FRAMED INTO WALL STUDS. SUPPORT EXPOSED PIPING ON WALLS WITH SPLIT CAST IRON PIPE HOLDERS.
  3. SUPPORTS AND ANCHORS SHALL BE SO DESIGNED THAT EXCESSIVE HEAT WILL NOT BE TRANSMITTED TO THE BUILDING STEEL. THE TEMPERATURE OF SUPPORTING PARTS SHALL BE BASED ON A TEMPERATURE GRADIENT OF 100 DEGREES F PER INCH DISTANCE FROM THE OUTSIDE SURFACE OF THE PIPE. TEMPERATURE AT POINT OF CONTACT TO THE BUILDING STRUCTURE SHALL NOT EXCEED 100 DEGREES F.
  4. SUPPORT PIPING SYSTEMS BY USING STANDARDS MANUFACTURED HANGERS AND SUPPORTS WHEREVER POSSIBLE. ALL PIPE HANGERS AND SUPPORTS SHALL ALLOW FOR THE EXPANSION AND CONTRACTION OF THE PIPING SYSTEMS.
- C. VERTICAL:
1. SUPPORT VERTICAL PIPE AT BASE AND AT EACH FLOOR. IN ADDITION, 1 INCH OR SMALLER COPPER PIPE SHALL BE SUPPORTED AT 5 FOOT INTERVALS.
  2. PIPE SUPPORT ATTACHMENTS TO THE RISER PIPING SHALL BE RISER CLAMP LUGS. WELDED ATTACHMENTS SHALL BE OF MATERIAL COMPARABLE TO THAT OF THE PIPE, AND DESIGNED IN ACCORDANCE WITH COVERING CODES.
  3. SUPPORT VERTICAL PIPE INDEPENDENTLY OF CONNECTED HORIZONTAL PIPE. USE RISER CLAMPS THAT EXTEND BEYOND THE INSULATION TO SUPPORT THE WEIGHT OF THE PIPE.
- D. HORIZONTAL:
1. USE WALL BRACKETS TO SUSPEND OR SUPPORT PIPE RUNS NEAR WALLS. HANGER RODS SHALL BE USED IN TENSION ONLY. INSTALL RODS PLUMB, LIMIT ROD TRAVEL TO 4 DEGREES FROM VERTICAL. HORIZONTAL PIPING FOR FIXTURE ROUGH-INS MAY BE DWV COPPER, ASTM B-306. BELOW MULTIPLE ADJACENT PIPES AT THE SAME BOTTOM OF PIPE ELEVATION MAY BE SUPPORTED FROM UNISTRUT, KINDORF OR B LINE CHANNEL TRAPEZE HANGER.
- E. HORIZONTAL PIPE SUPPORT: CAST IRON:
1. SUPPORT HORIZONTAL CAST IRON PIPE WITH HANGER, OR PIER, LOCATED CLOSE TO THE HUB; USE ONE SUPPORT FOR EACH PIPE LENGTH, OR EVERY OTHER JOINT, WHICHEVER IS CLOSER.
  2. PROVIDE HANGER WITHIN 18 INCHES OF EACH ELBOW, ALSO PROVIDE HANGER WITHIN 18 INCHES OF CONNECTION TO EACH PIECE OF EQUIPMENT.
  3. SUPPORT HUBLESS AND BELL AND SPIGOT CAST IRON AT EVERY LENGTH NEAR FITTING OR CLAMP. WHERE MAINTENANCE REQUIREMENTS MAY IMPOSE TORQUE, AS AT A CLEAN-OUT, SUPPORT ON BOTH SIDES OF TORQUE POINT.

SECTION 15410 – PLUMBING PIPING

- A. THE WORK REQUIRED UNDER THIS SECTION INCLUDES ALL WORK NECESSARY FOR A COMPLETE INSTALLATION OF SANITARY WASTE PIPING, STORM PIPING AND DOMESTIC WATER PIPING INSIDE THE BUILDING TO 5 FEET OUTSIDE THE BUILDING. SUBMIT SCHEDULE OF PIPE AND FITTINGS FOR EACH SERVICE.
- B. DOMESTIC WATER PIPING: WATER PIPING WITHIN THE SHALL BE COPPER TUBE, TYPE "L" HARD TEMPER, ASTM B-88. PIPING BELOW GROUND SHALL BE COPPER TUBE, TYPE "K" SOFT TEMPER, ASTM B-88. FITTINGS SHALL BE WROUGHT COPPER, SOLDER TYPE, ASTM B-75, ANSI B16.22. SOLDER UNIONS SHALL BE WROUGHT COPPER, WITH COPPER GROUND JOINT. ASTM B75, ANSI B16.22. DI-ELECTRIC, EPSO, 250 LB. WOG. SOLDER METAL SHALL CONFORM TO ASTM B32, LEAD-FREE.
- C. STORM, SANITARY WASTE, AND VENT PIPING: ABOVE GROUND: HUBLESS CAST IRON SOIL PIPE, CISPI STANDARD 301 WITH COUPLING ASSEMBLY CISPI STANDARD 310. HORIZONTAL PIPING FOR FIXTURE ROUGH-INS MAY BE DWV COPPER, ASTM B-306. BELOW GROUND: SCHEDULE 40 PVC-DWV ASTM D-2689 USING SOLVENT CEMENT ASTM D-2654.
- D. STORM, SANITARY WASTE AND VENT FITTINGS: SCHEDULE 40 PVC-DWV, ASTM D-2855 USING SOLVENT CEMENT ASTM D-2654.
- E. PUMPED WASTE PIPING: PUMPED WASTE PIPING SHALL BE GALVANIZED STEEL SCHEDULE 40, ASTM A-53 OR TYPE "K" COPPER, ASTM B-88.
- F. ALL PIPING SHALL BE ROUTED TO CONSERVE BUILDING SPACE, BE COORDINATED WITH ITEMS INSTALLED BY OTHER TRADES AND NOT INTERFERE WITH ACCESS TO OR OPERATION OF THE FACILITY.
- G. PROVIDE ROOF FLASHINGS FOR PIPE PENETRATIONS THROUGH ROOF, TO BE INSTALLED BY ROOFING CONTRACTOR.
- H. WATER PIPING WITHIN BUILDING SHALL BE SIZE INDICATED ON PLANS AND RISERS. IN THE EVENT NO SIZE IS SHOWN, PIPE SIZE OR SIZE REQUIRED BY THE PLUMBING CODE. PIPING SHALL BE SLOPED TOWARD A SYSTEM DRAIN AND TOWARD OUTLETS, TO PROVIDE FOR SYSTEM DRAIN-DOWN. IF INSTALLED NEAR EXTERIOR WALLS, PIPING SHALL BE LOCATED ON THE INTERIOR SIDE OF INSULATION. INSTALL PIPING TO PREVENT DIRECT CONTACT BETWEEN FERROUS AND NON-FERROUS MATERIALS. ALLOW FLEXIBILITY FOR EXPANSION IN PIPING.
- I. STORM, SANITARY WASTE AND VENT PIPING SHALL BE TESTED IN ACCORDANCE WITH WATER AND AIR TESTS AS SPECIFIED IN THE INTERNATIONAL PLUMBING CODE, IN ADDITION TO ANY TESTS REQUIRED BY THE LOCAL PLUMBING OFFICIAL. (10 FEET OF HEAD WITH NO APPARENT LEAKS. HOLD FOR 30 MINUTES MINIMUM). FLUSH ALL GRAVITY PIPING INCLUDING FLOOR DRAINS AND ROOF DRAINS PRIOR TO TURNING OVER TO THE OWNER.
- J. ALL PIPE SHALL BE CUT SQUARE. REAM PIPE AND TUBE ENDS AND REMOVE BURRS. CLEAN THE ENDS OF PIPES TO REMOVE OIL, GREASE AND OXIDES. PREPARE PIPING CONNECTIONS TO EQUIPMENT WITH FLANGES OR UNIONS.
- K. STORM, SANITARY WASTE, AND VENT PIPING: HORIZONTAL SOIL, WASTE AND DRAINAGE LINES WITHIN BUILDING SHALL HAVE A MINIMUM UNIFORM SLOPE OF 1/8 INCH PER FOOT ON 3 INCH AND LARGER, AND 1/4 INCH PER FOOT ON LINES 2 INCH AND SMALLER. TURNS IN SANITARY, SOIL, AND DRAIN PIPING SHALL BE MADE USING 45 DEGREE ELBOWS, WYES, QUARTER, EIGHTH, SIXTEENTH BENDS, OR OTHER BENDS APPROVED BY THE PLUMBING CODE. DO NOT USE SANITARY TEES OR CROSSES EXCEPT WHERE DISCHARGING FROM HORIZONTAL TO VERTICAL. MAKE CHANGES IN PIPE SIZES WITH REDUCING FITTINGS AND RECESSED REDUCERS. DO NOT REDUCE LINE SIZE IN DIRECTION OF FLOW. PROVIDE CLEANOUTS IN ALL HORIZONTAL TURNS IN WASTE PIPING GREATER THAN 45 DEGREES. PROVIDE DEEP SEAL TRAPS ON ALL FLOOR DRAINS, AND TRAP PRIMERS/SEAL WHERE REQUIRED BY CODE OR AS INDICATED ON DRAWINGS. INDIRECT WASTE LINES DUMPING INTO FLOOR OR HUB DRAINS SHALL MAINTAIN A 2-INCH AIR GAP BETWEEN THE END OF THE WASTE LINE AND THE RIM OF THE FLOOR OR HUB DRAIN.

SECTION 15430 – PLUMBING SPECIALTIES

- A. THIS SPECIFICATION DESCRIBES THE REQUIREMENTS FOR LABOR AND MATERIALS REQUIRED FOR THE INSTALLATION OF PLUMBING SPECIALTIES INCLUDED AS PART OF THE BUILDING PLUMBING SYSTEM.
- B. MANUFACTURER'S LITERATURE INDICATING MODEL NUMBERS AND OPTIONS SHALL BE SUBMITTED FOR ALL FIXTURES AND EQUIPMENT. FORMAT SHALL INCLUDE A SCHEDULE OF THE SPECIALTIES SUBMITTED AND INCLUDE IDENTIFICATION NUMBER OF EACH ITEM, SUCH AS "FD-1 FLOOR DRAIN." A LIST OF EACH COMPONENT, ACCESSORY, AND OPTION OF THE ITEM BEING SUBMITTED. THIS SCHEDULE MUST BE INCLUDED IN THE FRONT OF THE SUBMITTAL PAGE.
- C. CLEANOUTS SHALL CONSIST OF A COATED CAST IRON BODY WITH THREADED TOP WITH SPIGOT OR NO-HUB CONNECTION AND GASKETED BRONZE CLOSURE PLUG WITH COUNTERSUNK SLOT. HEAD SHALL BE ADJUSTABLE IN HEIGHT; PROVIDE NON-SKID COVERS FOR FLOOR CLEANOUTS. PROVIDE THREAD SHIELD TO PROTECT ADJUSTMENT THREADS FROM CONCRETE AS REQUIRED. CLEANOUTS SHALL BE INSTALLED IN HORIZONTAL RUNS AT SPACING OF NO MORE THAN 75 FEET. INSTALL CLEANOUTS AT THE BASE OF EVERY SOIL AND WASTE STACK, AND AT EACH 90 DEGREE CHANGE IN DIRECTION. INSTALL CLEANOUTS WHICH ARE NOT EASILY ACCESSIBLE UP THROUGH FLOOR OR WALL AND PROVIDE APPLICABLE COVERS. INSTALL CLEANOUTS TO ALLOW AT LEAST 18" FOR RODDING.
- D. OIL SEPARATOR: STRIEM HIGH EFFICIENCY OIL/WATER SEPARATOR MODEL OS-50 SHALL BE LIFETIME GUARANTEED AND MADE IN THE USA. SEPARATOR SHALL BE CERTIFIED TO IAPMO IGC 325 AND CARRY A UPC LISTING. SEPARATOR SHALL BE CONSTRUCTED OF POLYETHYLENE. SEPARATOR SHALL BE MANUFACTURED FOR ABOVE- OR BELOW-GRADE INSTALLATION. FIELD ADJUSTABLE RISER SYSTEM IS AVAILABLE AS AN OPTION TO BRING MANHOLE COVER TO GRADE. SEPARATOR FLOW RATE SHALL BE 50 GPM. SEPARATOR LIQUID HOLDING CAPACITY SHALL BE 57 GALLONS AND OIL CAPACITY SHALL BE 5.25 GALLONS. SOLIDS CAPACITY SHALL BE 6 GALLONS. COVER SHALL PROVIDE WATER/GAS-TIGHT SEAL AND HAVE A MAXIMUM 450 LBS. LOAD CAPACITY WHEN UNIT IS INSTALLED ABOVE-GRADE, AND 2,500 LBS. WHEN BURIED WITH SR16 RISER.

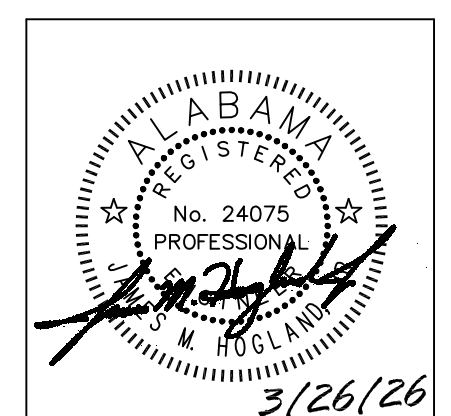


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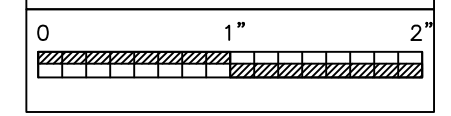
ELEVATOR REPLACEMENT AT  
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TALLADEGA COUNTY BOARD OF EDUCATION

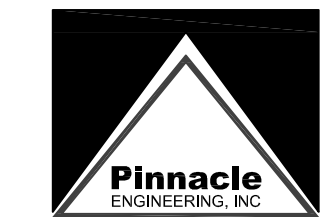
SHEET TITLE:  
PLUMBING SPECIFICATIONS



PROJ. MGR.:	ZBL
DRAWN:	CRA
DATE:	MARCH 26, 2026
REVISIONS	

JOB NO. **25-96**  
SHEET NO:  
**P0.2**

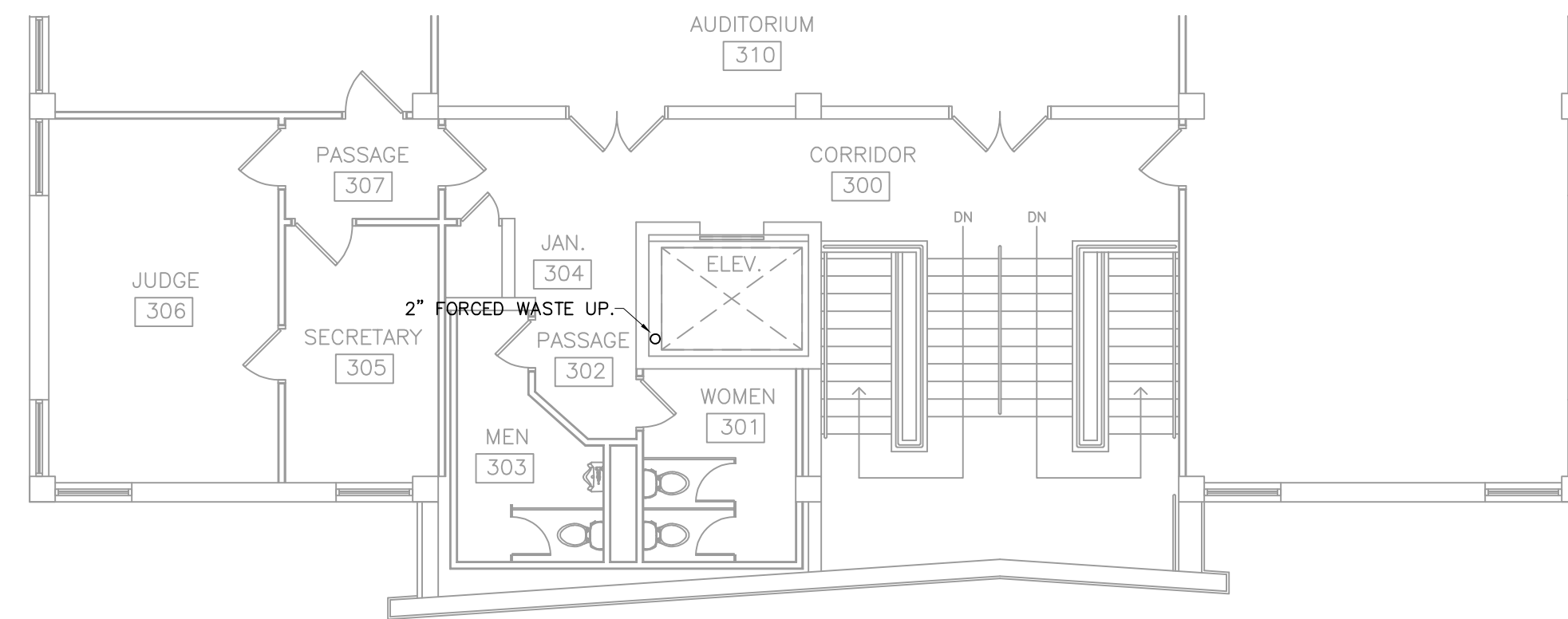




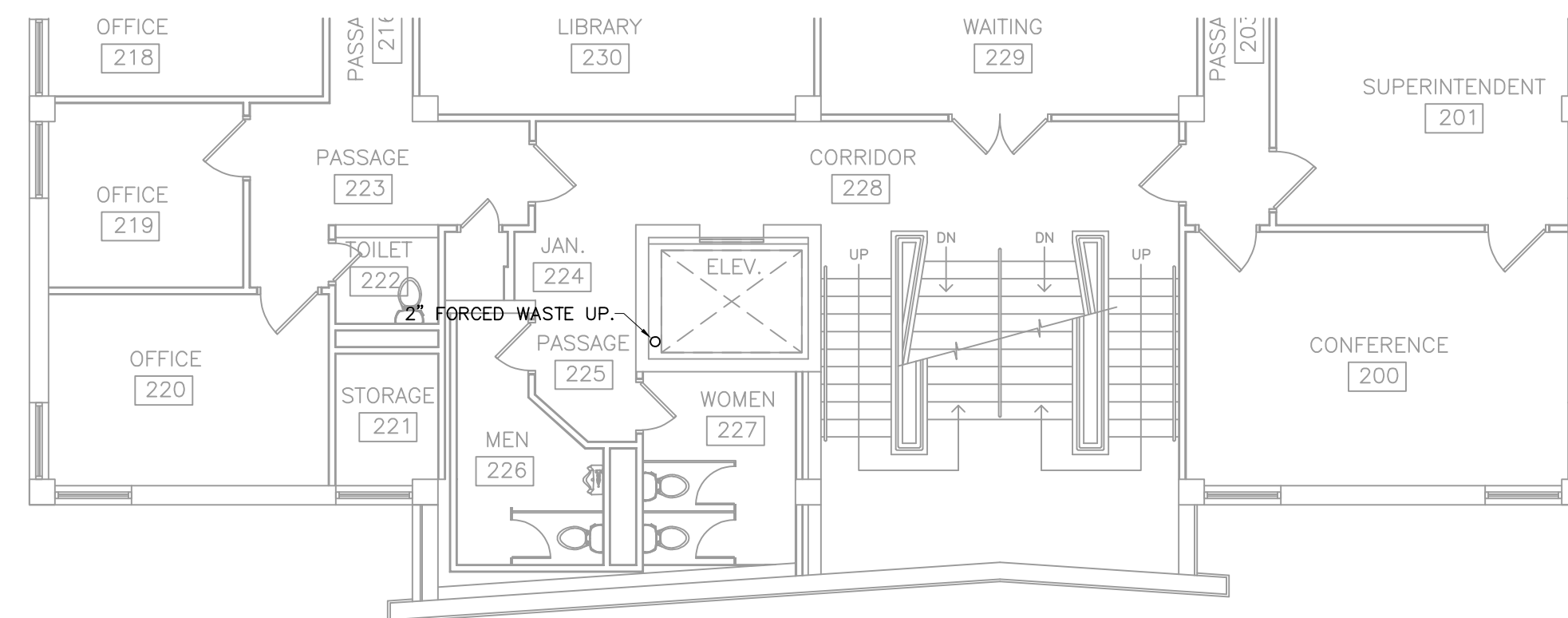
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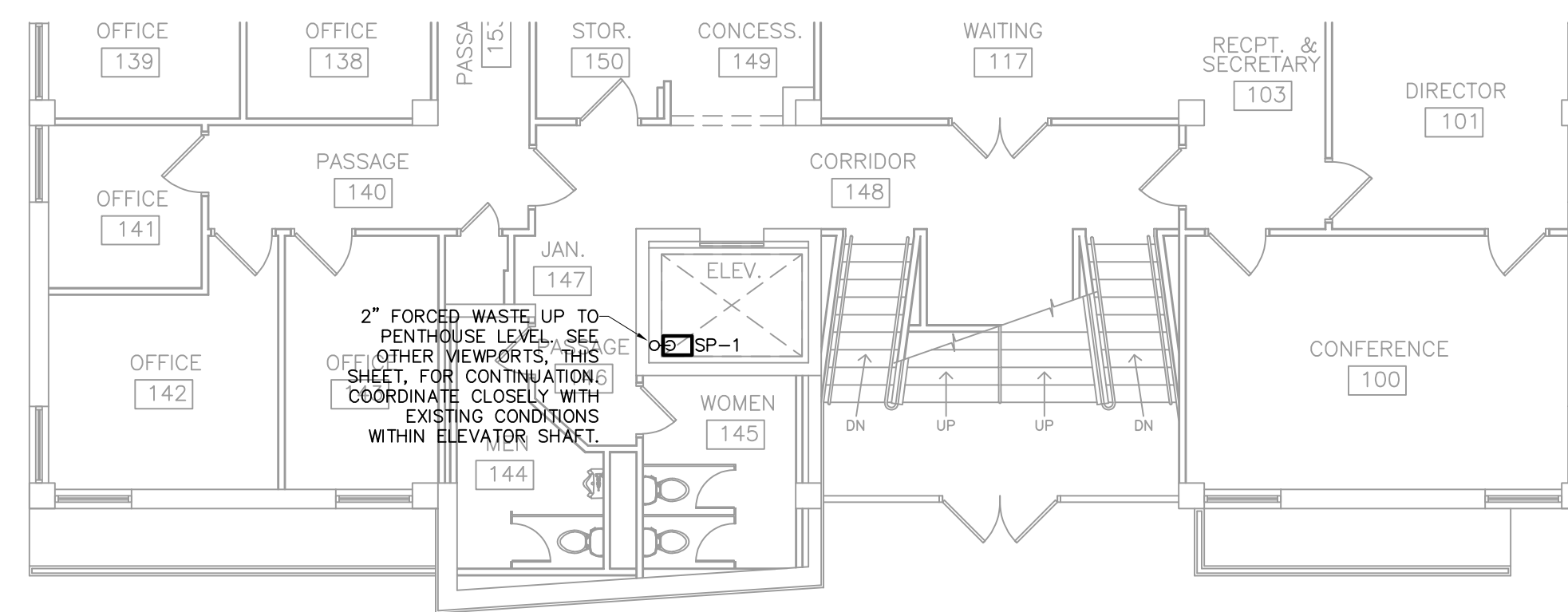
LATHAN  
 McKEE  
 ARCHITECTS



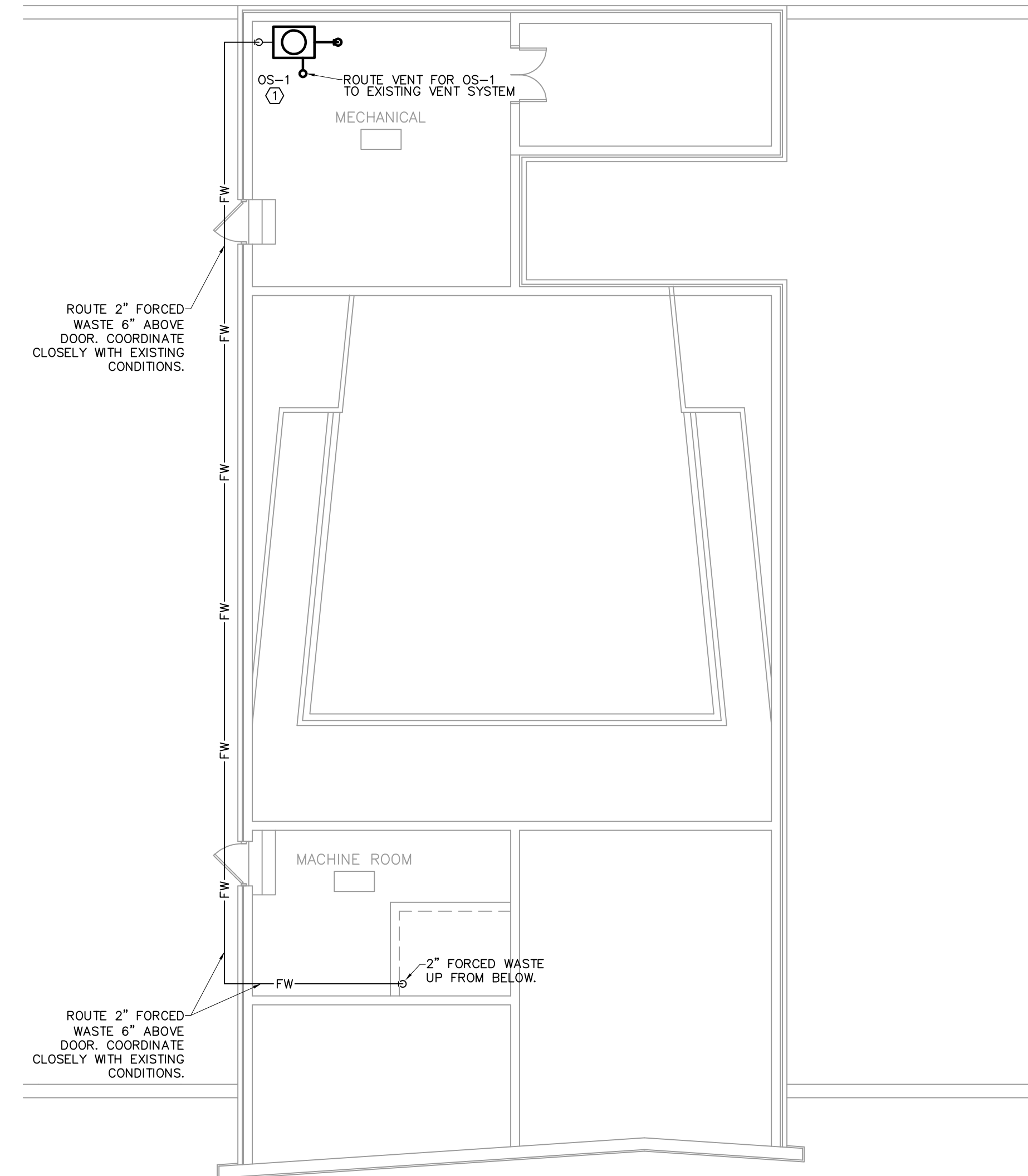
**THIRD FLOOR PLAN**  
 PLUMBING - NEW WORK  
 0 2 4 6 8 16  
 GRAPHIC SCALE (FEET)



**SECOND FLOOR PLAN**  
 PLUMBING - NEW WORK  
 0 2 4 6 8 16  
 GRAPHIC SCALE (FEET)



**FIRST FLOOR PLAN**  
 PLUMBING - NEW WORK  
 0 2 4 6 8 16  
 GRAPHIC SCALE (FEET)



**PARTIAL PENT HOUSE FLOOR PLAN**  
 PLUMBING - NEW WORK  
 0 2 4 6 8 16  
 GRAPHIC SCALE (FEET)

**GENERAL NOTES:**

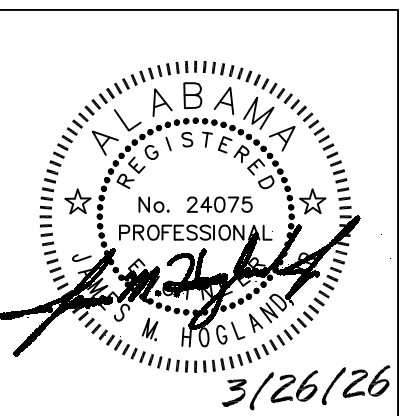
- CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD PRIOR TO BEGINNING WORK.
- SPACE ABOVE CEILING IS LIMITED. CAREFUL COORDINATION WITH LIGHTING, ELECTRICAL, MECHANICAL, FIRE PROTECTION, STRUCTURAL AND ARCHITECTURAL WORK IS CRITICAL FOR COMPLETE PIPING INSTALLATION. CONTRACTOR SHALL PROVIDE NECESSARY OFFSETS IN NEW AND EXISTING PIPING AND ELECTRICAL CONDUIT AS REQUIRED TO ACCOMMODATE NEW WORK. CONTRACTOR SHALL ALLOW FOR ANY CONFLICTS ENCOUNTERED.
- COORDINATION SHOP DRAWINGS SHALL BE PREPARED FOR THE ENTIRE PROJECT DRAWN TO 1/4" = 1'-0" SCALE (MINIMUM.) DRAWINGS SHALL BE FULLY DIMENSIONED, INCLUDING ELEVATIONS OF DUCTWORK AND PIPING, SHOWING CEILING GRIDS, LIGHTING LAYOUTS, PIPING UNDER OTHER DIVISIONS, CABLE TRAYS AND MAJOR ELECTRICAL CONDUIT (2" AND LARGER).
- PIPING LAYOUTS ARE DIAGRAMMATIC AND DO NOT SHOW ALL ELEMENTS OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CHANGES ON DIRECTION, ELEVATION AND MINOR OFFSETS NECESSARY FOR COMPLETE INSTALLATION OF ELEMENTS SHOWN.

**DRAWING NOTES:**

- CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS IN THIS SPACE. LOCATE OS-1 TO BE DRAINED TO EXISTING FLOOR DRAIN OR FLOOR SINK. ADD FUNNEL TO EXISTING FLOOR DRAIN AND TERMINATE DISCHARGE FROM OS-1 INDIRECTLY INTO FUNNEL. ROUTE NEW 3" VENT TO EXISTING VENT SYSTEM NEARBY AS NECESSARY.

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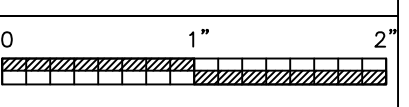
SHEET TITLE:  
 FIRST, SECOND, THIRD AND  
 PENTHOUSE FLOOR PLAN  
 PLUMBING  
 NEW WORK

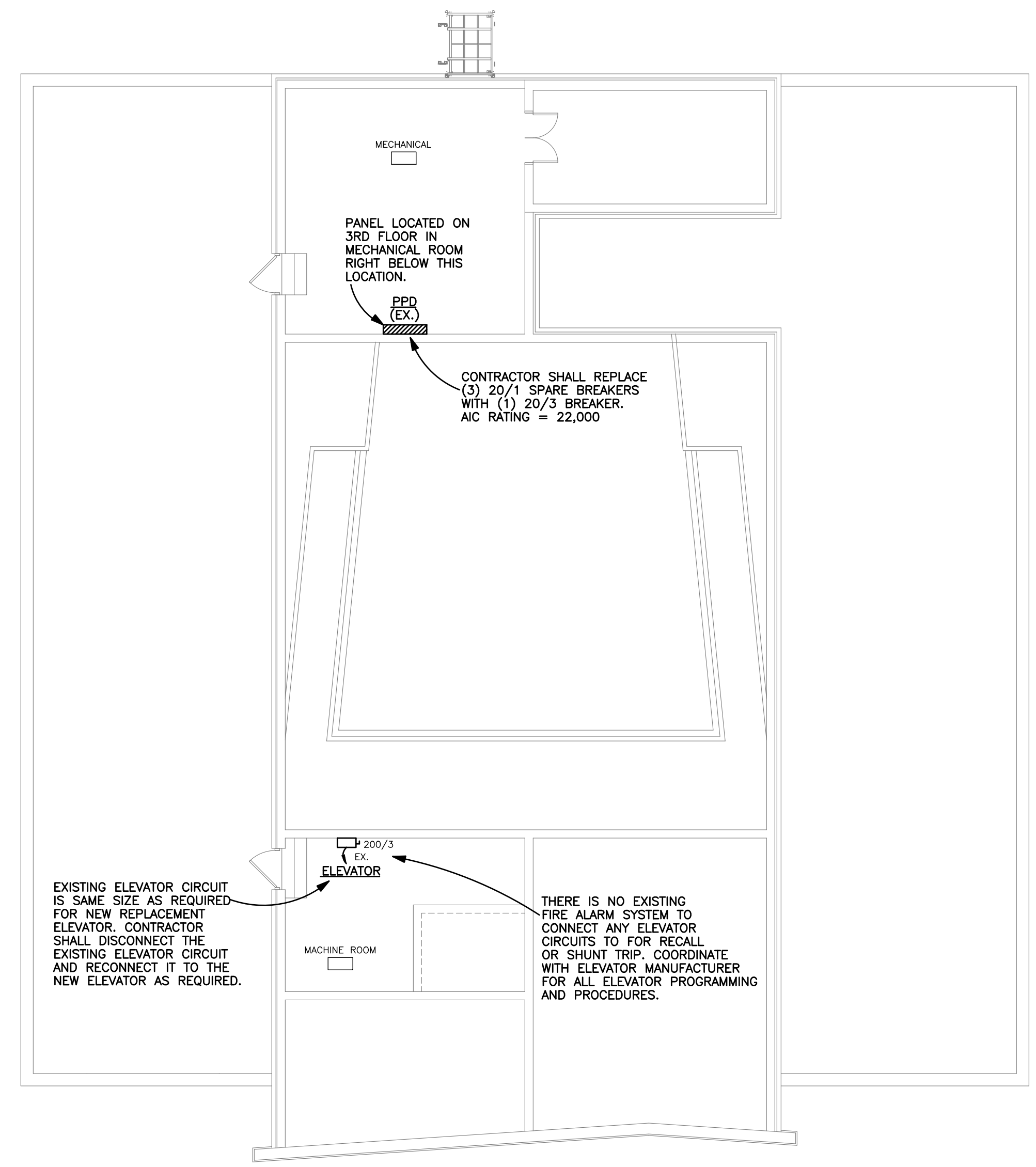


PROJ. MGR.: ZBL  
 DRAWN: CRA  
 DATE: MARCH 26, 2026  
 REVISIONS

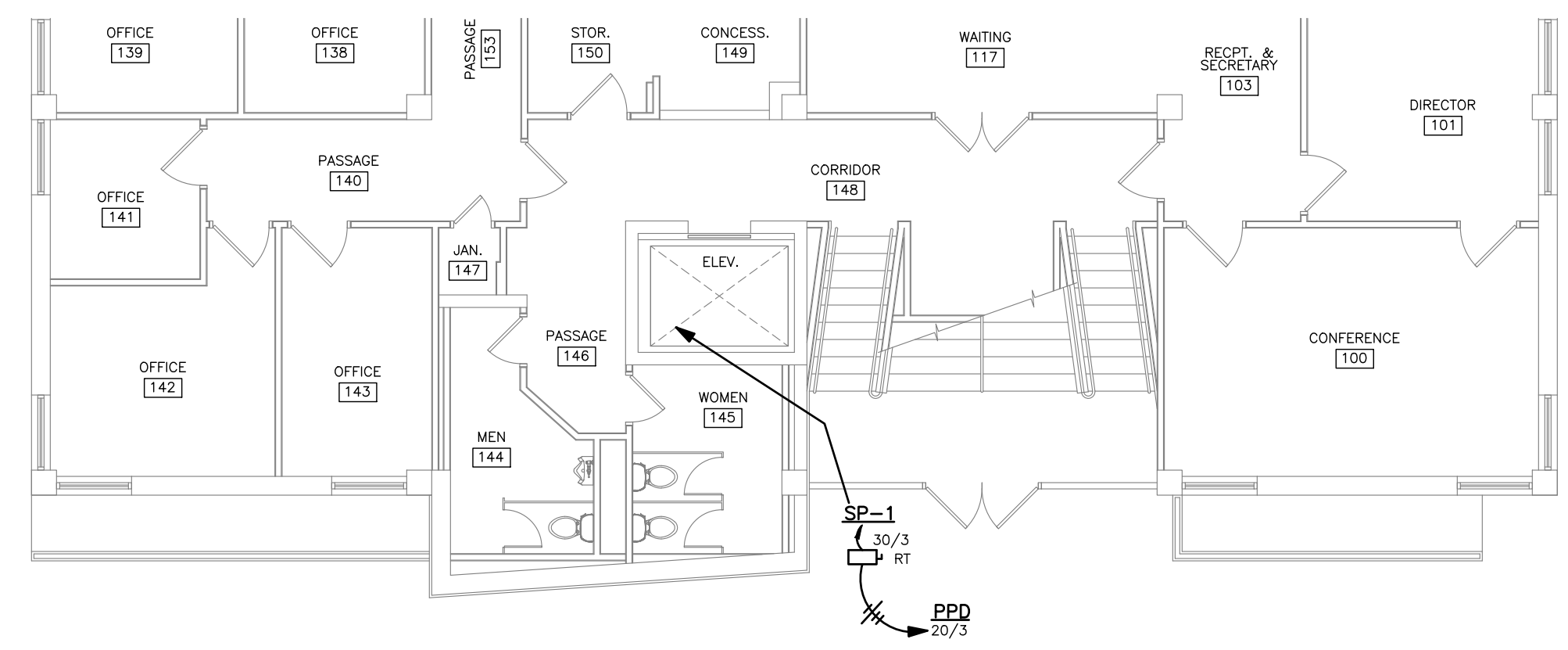
JOB NO. 25-96  
 SHEET NO:

**P2.1**





**PENTHOUSE FLOOR PLAN - POWER**  
SCALE: 1/8" = 1'-0"



**GROUND FLOOR PLAN - POWER**  
SCALE: 1/8" = 1'-0"

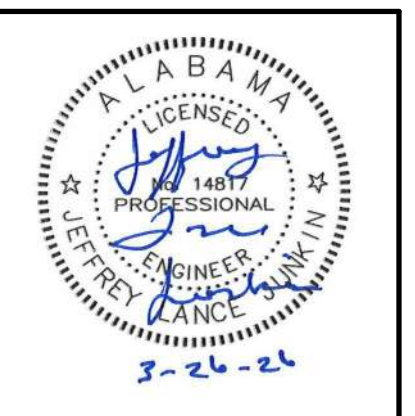
**ELECTRICAL SYMBOLS**

	CEILING OUTLET - FIXTURE "A", CIRCUIT 1, SWITCH a.
	CEILING OUTLET - FLUORESCENT FIXTURE.
	CEILING OUTLET - FLUORESCENT INDUSTRIAL OR STRIP TYPE.
	WALL OUTLET - INCANDESCENT BRACKET TYPE.
	WALL OUTLET - FLUORESCENT BRACKET TYPE.
	WALL OUTLET - DUPLEX OUTLET, 20A, 125V, GROUNDED, PASS & SEYMOUR P75362A-GRY WITH P76STR PLUG TAIL CONNECTOR.
	WALL OUTLET - DUPLEX OUTLET, 20A, 125V, GROUNDED, PASS & SEYMOUR P75362A-GRY WITH P76STR PLUG TAIL CONNECTOR - MOUNT AT 6" ABOVE COUNTER.
	WALL OUTLET - ISOLATED GROUND DOUBLE DUPLEX OUTLET, 20A, 125V, GROUNDED, PASS & SEYMOUR P76G362 WITH P76STR PLUG TAIL CONNECTOR. (THESE ARE ORANGE ISOLATED GROUND TYPE RECEPTACLES)
	WALL OUTLET - ISOLATED GROUND DOUBLE DUPLEX OUTLET, 20A, 125V, GROUNDED, PASS & SEYMOUR P76G362 WITH P76STR PLUG TAIL CONNECTOR. (THESE ARE ORANGE ISOLATED GROUND TYPE RECEPTACLES)
	WALL OUTLET - DUPLEX OUTLET, 20A, 125V, GROUNDED, PASS & SEYMOUR P72095-GRY WITH P76STR PLUG TAIL CONNECTOR.
	WALL OUTLET - DUPLEX OUTLET, 20A, 125V, GROUNDED, WEATHERPROOF, PASS & SEYMOUR P72095-GRY WITH P76STR PLUG TAIL CONNECTOR. INSTALL #MU10-CAGV WEATHERPROOF COVER. DEVICE SHALL BE LABELED AS "EXTRA DUTY".
	FLOOR OUTLET - CONDUIT STUB UP.
	CEILING OUTLET - JUNCTION BOX.
	WALL OUTLET - JUNCTION BOX WITH FLEXIBLE CONNECTION TO EQUIPMENT.
	SWITCH OUTLET - AC TYPE, SINGLE POLE, 20A, 120/277V, HUBBELL #1221 - GREY. ("N" DENOTES NARROW)
	SWITCH OUTLET - AC TYPE, THREE WAY, 20A, 120/277V, HUBBELL #1223 - GREY.
	SWITCH MANUAL MOTOR STARTER, SINGLE POLE WITH OVERLOAD PROTECTION.
	LIGHTING PANEL - SEE SPECIFICATIONS AND SCHEDULE.
	POWER PANELS - SEE SPECIFICATIONS AND SCHEDULE.
	BRANCH CIRCUIT CONCEALED IN WALL OR CEILING.
	BRANCH CIRCUIT CONCEALED IN FLOOR OR GROUND.
	HOMERUN TO PANELBOARD - ANY CIRCUIT WITHOUT FURTHER DESIGNATION 2 # 12 & 1 # 12 (G) - 1/2" CONDUIT.
	3 # 12 & 1 # 12 (G) - 3/4" CONDUIT.
	4 # 12 & 1 # 12 (G) - 3/4" CONDUIT.
	EMPTY CONDUIT - 3/4".
	BRANCH CIRCUIT EXPOSED.
	CONDUIT RUN DOWN WALLS, CONCEALED
	CONDUIT RUN UP WALLS, CONCEALED
	MOTOR SHOWN 5hp (TYPICAL) OR 40 AMPS (TYPICAL).
	EXHAUST FAN MOTOR - FRACTIONAL HORSEPOWER.
	MAGNETIC MOTOR STARTER.
	NON-FUSED DISCONNECT SWITCH. (RT - RAIN TIGHT).
	FUSED DISCONNECT SWITCH.
	ABOVE FINISHED FLOOR.
	VERIFY LOCATION.
	NATIONAL ELECTRICAL CODE.
	GROUND FAULT CIRCUIT INTERRUPTER
	WEATHER PROOF

**GENERAL NOTES**

- SERVICE TO BUILDING IS 120/208 VOLTS, 3 PHASE, 4 WIRE.
- VERIFY EXACT LOCATION OF ALL MOTORS AND EQUIPMENT BEFORE ROUGHING IN.
- CONTRACTOR TO VERIFY LOCATION OF ALL OUTLETS PRIOR TO INSTALLATION.
- ELECTRICAL CONTRACTOR MUST CHECK THE CORRESPONDING MECHANICAL SHEETS AND BE RESPONSIBLE FOR INCLUDING PROPER SERVICE AND CONNECTIONS TO ALL MECHANICAL ITEMS SHOWN THEREON REGARDLESS OF ITS BEING OR NOT BEING SHOWN ON ELECTRICAL SHEETS.
- ALL CONDUIT CONCEALED UNLESS SPECIFICALLY SHOWN EXPOSED.
- COORDINATE SERVICES WITH POWER AND COMMUNICATIONS COMPANIES. REMOVE OR RELOCATE ALL POWER AND COMMUNICATIONS CIRCUITS ABOVE OR BELOW GRADE THAT WOULD OBSTRUCT THE CONSTRUCTION OF THE PROJECT OR CONFLICT IN ANY MANNER WITH COMPLETION OF THE PROJECT OR ANY CODE PERTAINING THERETO. IF UTILITY COMPANY REQUIREMENTS ARE AT VARIANCE WITH THESE DRAWINGS AND SPECIFICATIONS, THE CONTRACT PRICE SHALL INCLUDE THE ADDITIONAL COST.
- IT IS INTENDED THAT SPECIFICATIONS AND PLANS SHALL INCLUDE EVERYTHING REQUIRED AND NECESSARY FOR PROPER AND COMPLETE INSTALLATION OF THE COMPLETE SYSTEMS SHOWN EVEN THOUGH EVERY ITEM MAY NOT BE PARTICULARLY MENTIONED IN DETAIL. THE CONTRACTOR SHALL DELIVER TO OTHER TRADES ANY EQUIPMENT THAT MUST BE INSTALLED DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD MEASUREMENTS AND COORDINATION OF THE PHYSICAL SIZE OF ALL EQUIPMENT WITH THE ARCHITECTURAL REQUIREMENTS OF THE SPACES INTO WHICH THE EQUIPMENT WILL BE INSTALLED.
- THIS CONTRACTOR SHALL INSTALL EQUIPMENT GROUNDS THROUGHOUT THIS PROJECT, USING GREEN INSULATED GROUND WIRE. USE OF CONDUIT AS THE ONLY GROUND CONDUCTOR WILL NOT BE ALLOWED. (SIZE GROUND WIRES PER N.E.C.)
- REMOVE ALL EXISTING PANELBOARDS, DISCONNECTS, FIXTURES, RECEPTACLES, AUXILIARY SYSTEM DEVICES, CONDUIT, CONDUCTORS, ETC. BEING RENDERED OBSOLETE BY THIS PROJECT.
- WHERE EXISTING REMAINING CIRCUITS ARE BEING INTERRUPTED DUE TO STRUCTURAL AND/OR DESIGN CHANGES, THIS CONTRACTOR WILL EXTEND EXISTING CIRCUITS AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY TO REMAINING ACTIVE DEVICES.

SHEET TITLE:  
ELECTRICAL PLAN



PROJ. MGR.: S. CRAWFORD  
DRAWN: SEC  
DATE: MARCH 26, 2026  
REVISIONS

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