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Wood Interior Doors:

Plain Sliced Birch Stained to Match Existing Solid Core. Equal to 1/2" solid core. 1/2" Solid Wood 1 3/4" Prepared for scheduled Hardware.

Note: Interior Wood Doors:

All Hardware cuts, locations & preparations to be received (coat of primer on exposed wood surfaces). Door Top & Bottom to be Sanded and Sealed in a different color from the door finish.

Hollow Metal Doors:

Exterior Doors: Republic DE Series SD1 (20) 18 Ga. Face sheets, Top channel 16 ga. 4 Bottom inverted, hinge & closure reinforcement 10 ga. Hardware reinforcement. Lock Edge non-beveled and continuous. Core: Insulated 2" to Polyurethane 1/10 R-10 Interior Doors: Republic DE Series SD1 (20) 18 Ga. Face sheets, Top channel 16 ga. 4 Bottom inverted, hinge & closure reinforcement 10 ga. Hardware reinforcement. Lock Edge non-beveled and continuous. Core: Standard 3/4" Cell Honeycomb with U of 34 All Metal Doors: Factory Primed 2 Field Coats Applied.

Keying: Architectural Hardware Consultants (AHC) to make contact with Owner and Develop keying system in full accordance with owner requirements.

Abbreviations: IM - Insulated Metal Wd - Wood Stained 4 Varished HM - Hollow Metal Painted

GLAZING:

A Clear Float Glass 1/4" B Insulated Glass Type II - 1/4" C Tempered Safety Glass 1/4" Double Strength D Insulated Glass 1" overall thickness - Tempered Safety Glass E Insulated Glass 1" overall thickness - Heat Treated

HARDWARE SCHEDULED:

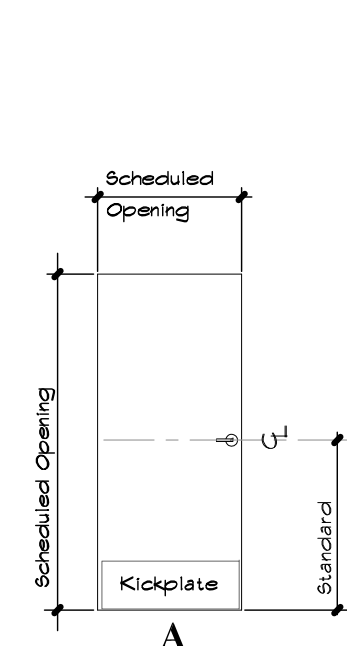
HW-1: (Typical Passage)

Hinges: Stanley: FBB-199 x 4 1/2" x 4 1/2" x ANSI A5111 (UB32D) Lockset: Corbin / Russwin: CL 3310 Passage, F15 x 676 x Lever Newport NZD x Standard Strikes. Closer: Corbin / Russwin: DC 6210 Series Non-handed x A2 x 689 x H-15 x Through Bolts. Bumper: Rockwood (floor type) * 442 Kick Plate: Rockwood * K2060 x 360° Th. Kydex® x 1" less than door width x 12" high 1/2" above door bottom.

General Hardware Notes:

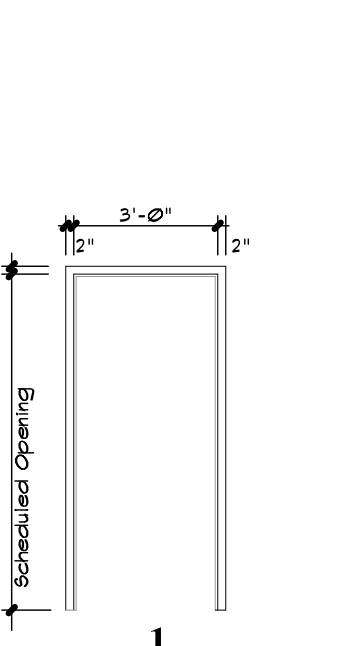
- Exterior swinging doors to have Non-Rising Pins (NRP)
- All Thresholds / Saddles set in full width bed of sealant
- All Doors and Frames provided with Clearance per NFPA 80 code for rated and Standard Clearances for Non-Rated
- Contractor Note: Seal all cut-outs for hardware w/ Prime Coat Accent Color Seal Top & Bottom of Door w/ 2 coats of finish paint.
- Typical Clearances:

Head and Jamb: 1/8" Paired Doors: 1/8" Max. per leaf Sill Line: 3/4" max. above floor Substrate and 1/4" above threshold. Kick plates: 1/2" setback at door edges All Wood Door have Kick plates Each Side



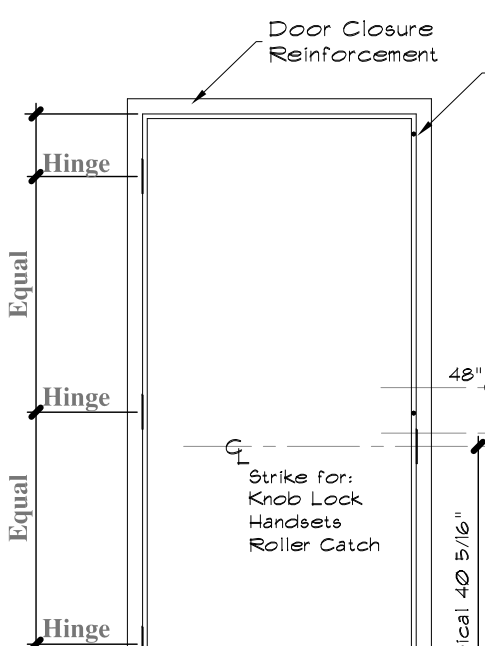
Door Elevation

Scale: 1/4" = 1'-0"



Frame Elevation

Scale: 1/4" = 1'-0"

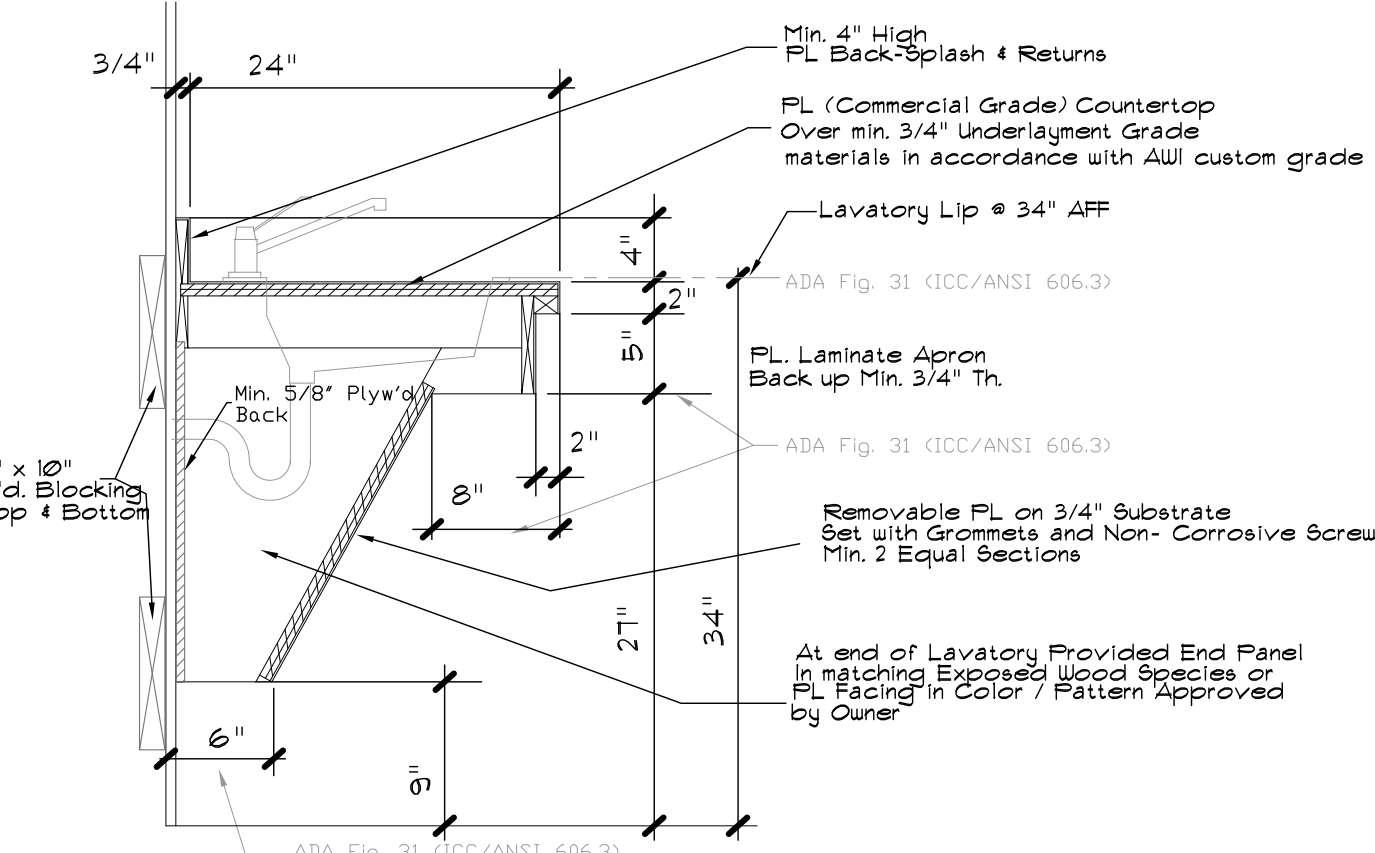


Hardware Information

No Scale

Contractor Note:

Building Built in 1950's and studs Maybe of 1 5/8" x 3 5/8" Dimensions Field Verify and Adjust Frame Dimensions



COUNTERTOP DETAIL

No Scale: Countertop and Construction meeting AWI Standards for Custom Grade

Lavatory Protection:

TrueBro® Lav-Guard Trap Cover, Valve cover, Water Supply Lines ADA conforming wheelchair accessible Lavatories. Trap and angle valve assemblies shall be covered with the included anti microbial TRUEBRO® inc. Lavé Guard under sink protective pipe cover in Gray Color. Covers shall be secured with Snap-Clip Flush reusable fasteners, angle stop shall have Lock-lid locking access cover.

Blocking Requirements and Support Information

Review and coordinate all wall mounted equipment:

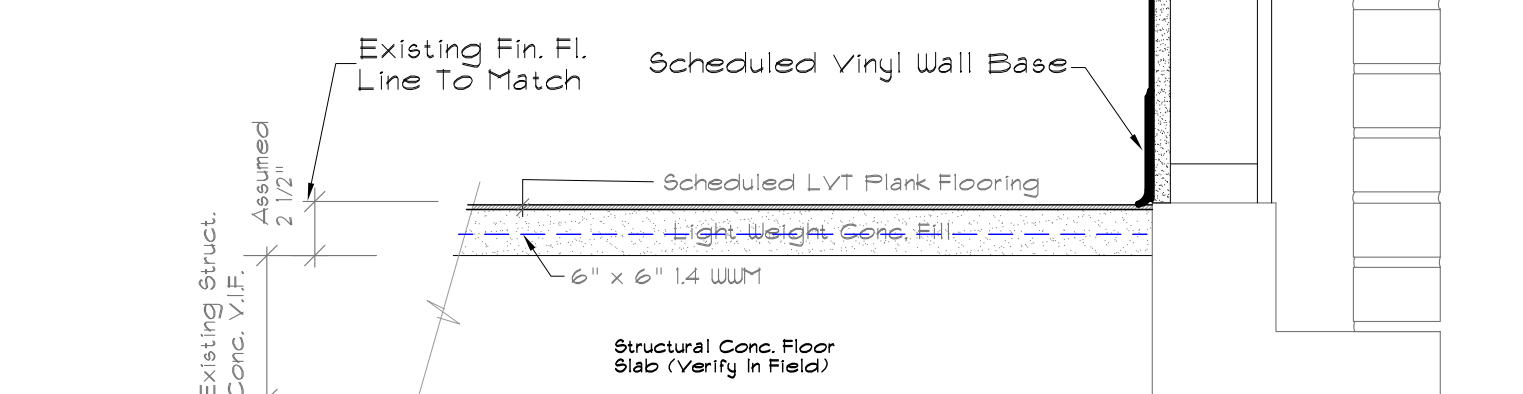
Provided under this contract or by Owner and provide and install blocking for support of and anchoring to: 10 lbs. 4 Under: 3/4" APA Plywood set flush to studs. 10 lbs. 4 Greater: Min. 2" x 10" set flush to studs. Wall Cabinets: Min. 2" x 4" at cabinet top & bottom Set flush to studs. (Upper, Base and Shelving) Wall Stairs (Doors): Provide 2" x 10" Wood Blocking at proper height and location for door sets.

Contractor Note:

Base Bid: New Light Weight Conc. Fill to U/S. Scheduled Floor. Including Fc = 3000 psi.

Indicated Slopes to:

New 4 Existing Floor Drains Finished as an Acceptable Substrate.



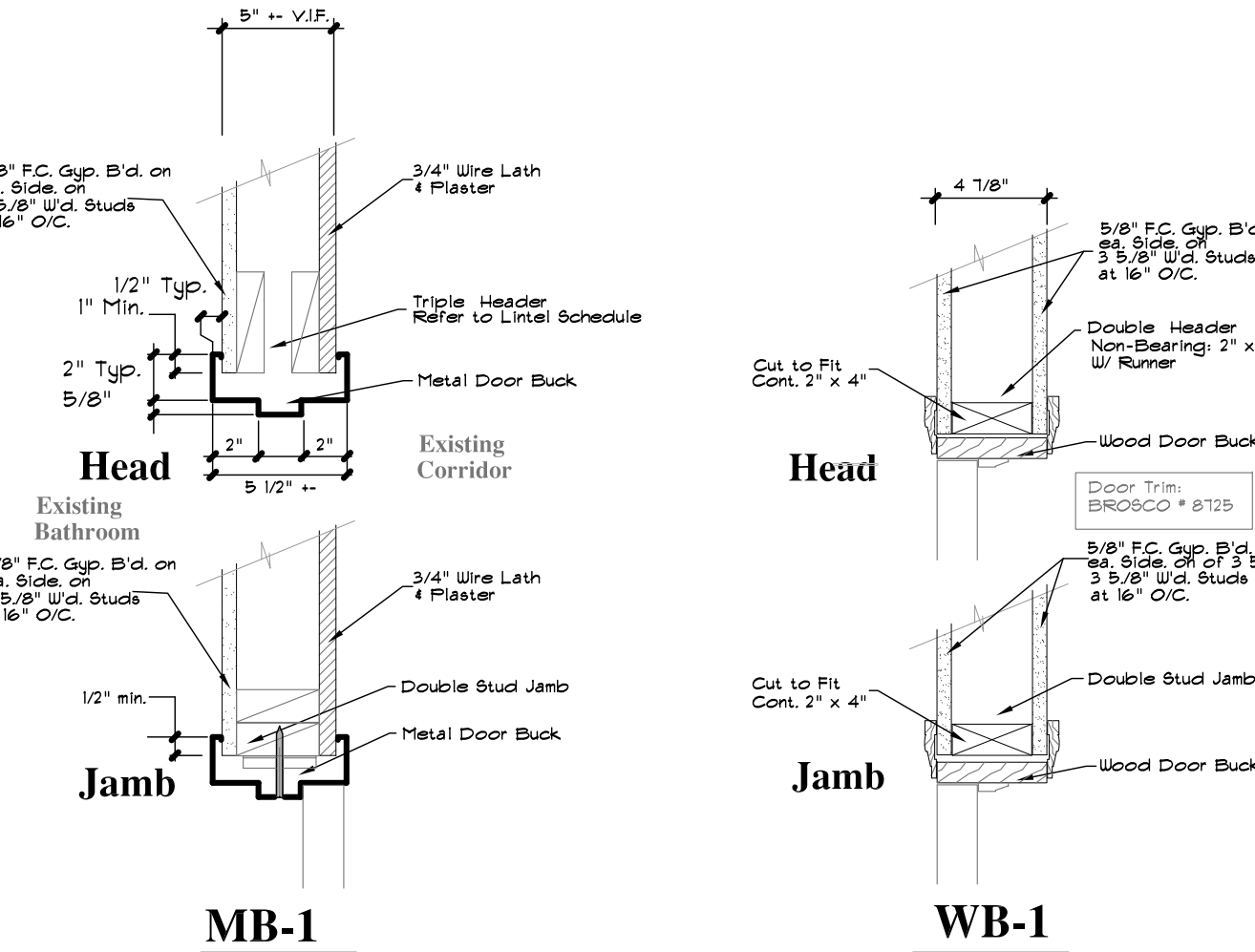
Base Bid:

Approx. Existing Restroom Floor Assembly

Scale : 1 1/2" = 1'-0" +-

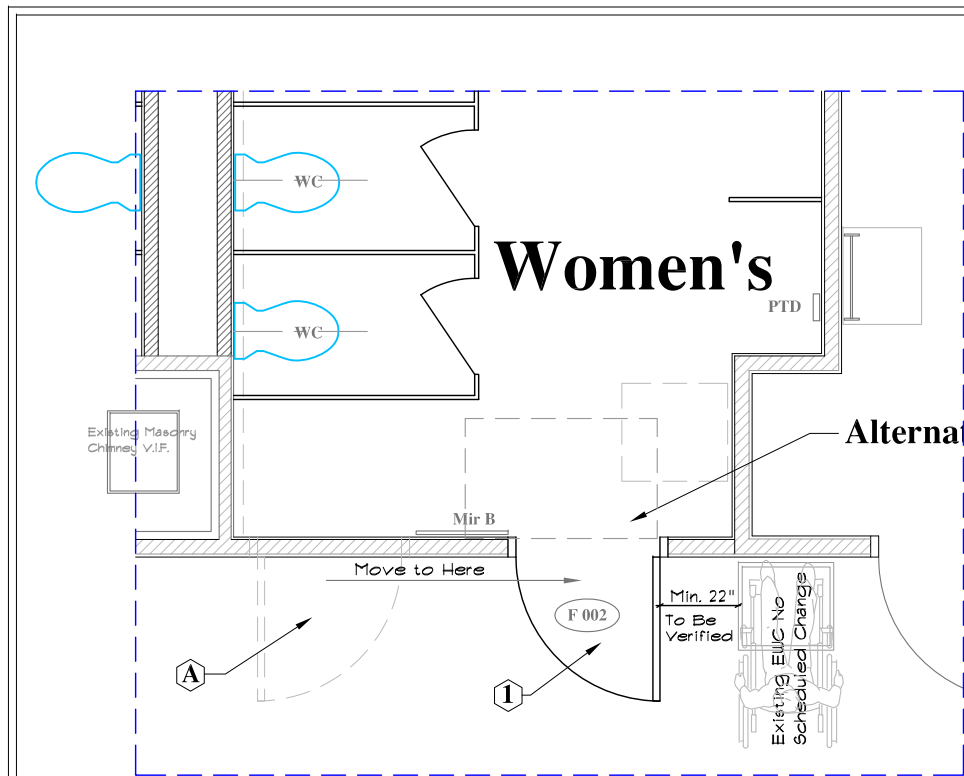
Alternate Restroom Floor:

- In lieu of complete removal of existing ceramic mosaic floor tile, cement grout, mud set bed: Grind, clean and patch ceramic tile system, and include repairs to floor areas where floor mounted: Urinals existed, and infill with concrete to match surface. Review and coordinate with Mechanical / Plumbing Dugs for new floor drains.



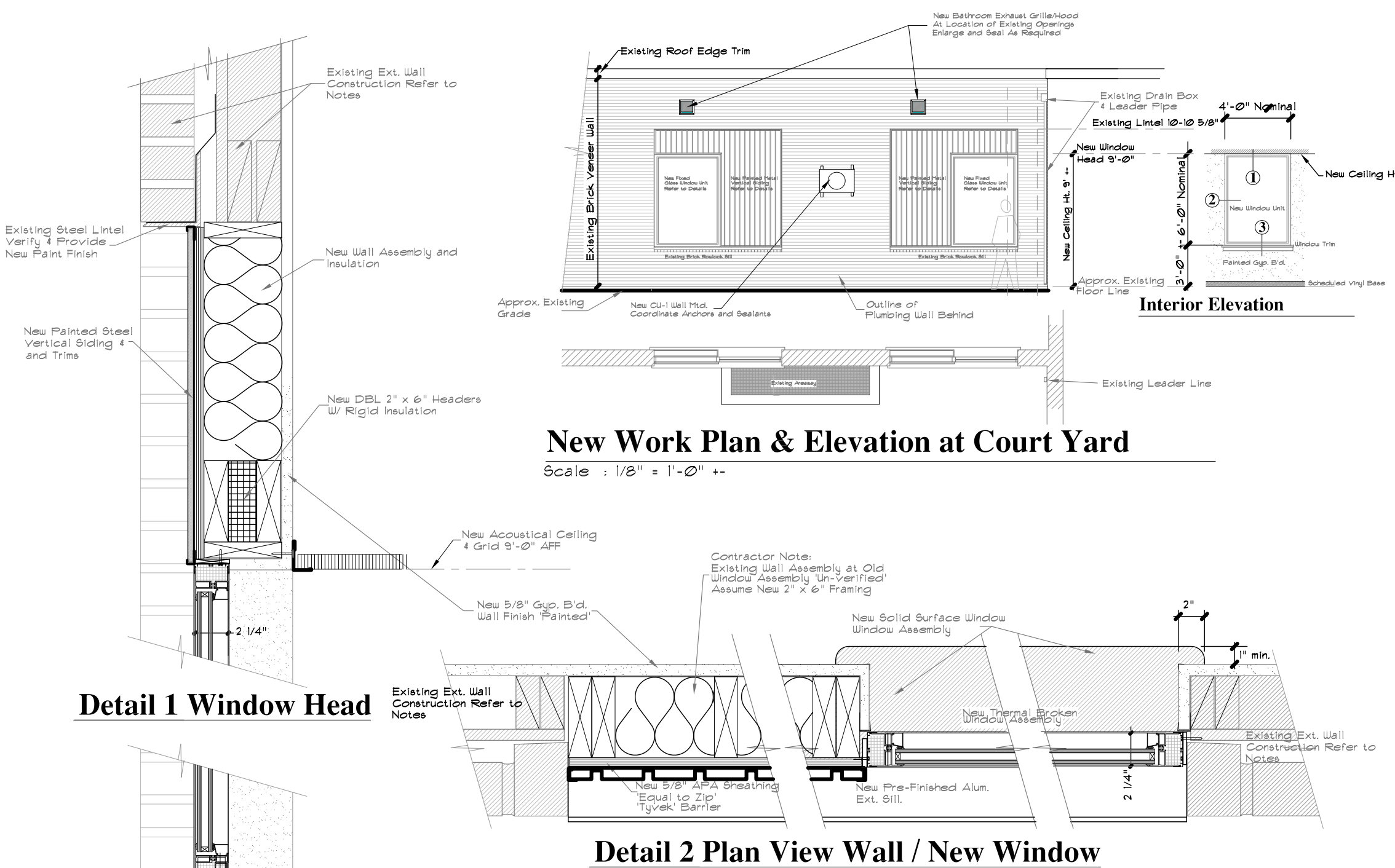
Metal Door Buck Details

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



Alt. No. 2 Door Location at Revised Women's Room

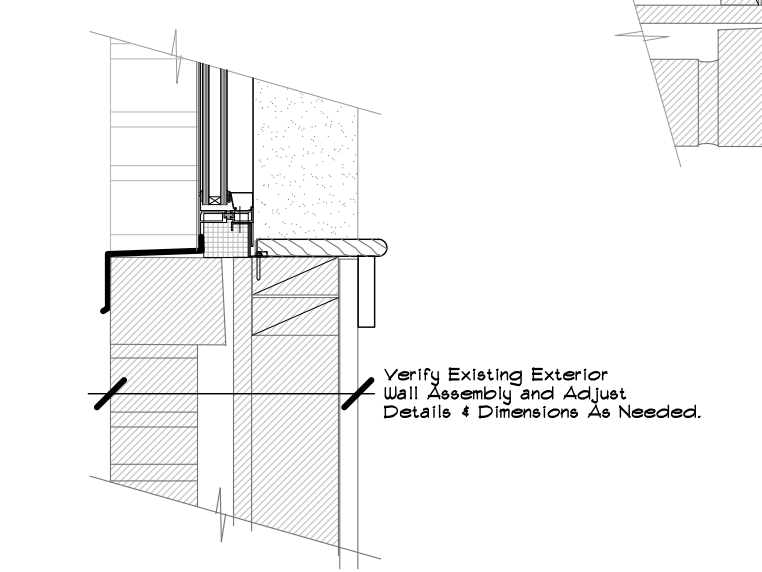
Relocate New Door and Frame 'F002' from shown on A-1 to This Location and inclusive of all Demo, 4 New Work finishes.



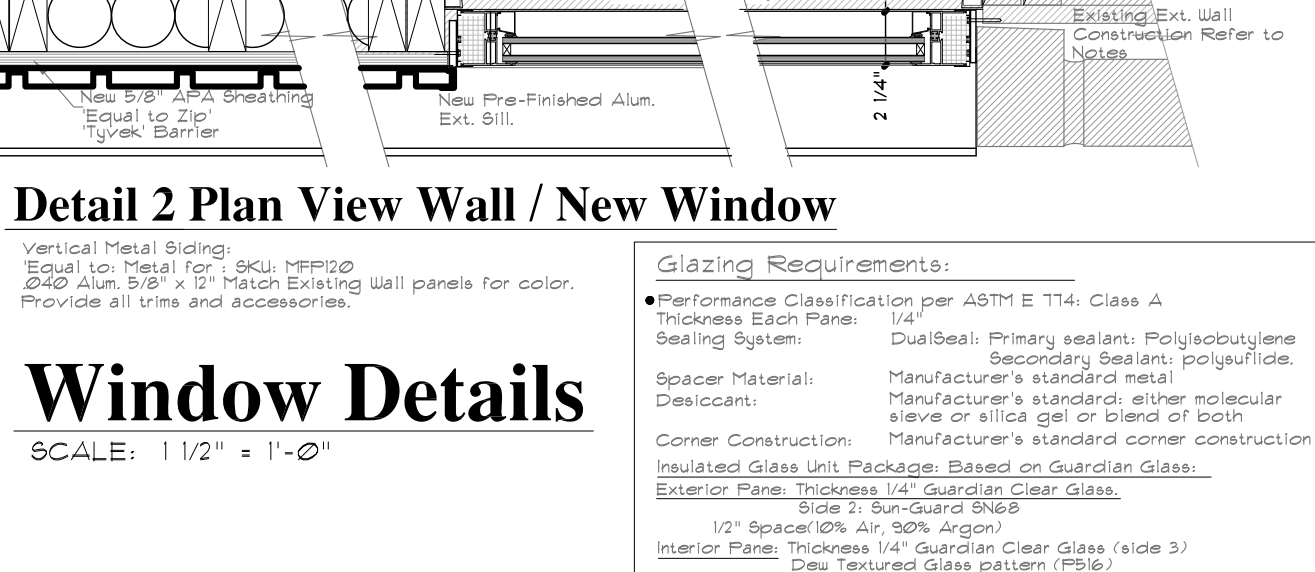
New Work Plan & Elevation at Court Yard

Scale : 1/8" = 1'-0" +-

Detail 1 Window Head



Detail 2 Plan View Wall / New Window



Window Details

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

Detail 3 Window Sill

Window Package Outline Specifications:

Aluminum Framing and Windows are Based on 'Kawneer' Products: 8225TLF Fixed Window with thermal Breaks.

Another manufacture of commercial aluminum thermally broken window units, meeting the design criteria When all comparable information, operation, function and size / shape provided For Review and meet Full satisfaction of the Architect of Record.

Basic Profile / Shape:	Type of Aluminum Window Included: Series 8225TL Thermal Windows. Fixed Window 2 1/4" frame depth with 0.125" wall thickness AIA 0104-01
Meeting fenestration industry standard terminology and definitions referring to American Architectural Manufacturer's Association (AAMA) -AAMA Glossary.	
Performance Requirements: Aluminum-frame window system shall withstand the effects of the following performance requirements with out failure due to defective manufacture, fabrication, or other related defects in construction.	
Window System Performance Requirements:	
Provide aluminum windows of performance indicated that comply with AAMA/WDMA/CSA 1011.92/A440 (NAF8).	
Performance Glass and Grade: All-FG100-FL	
Air Infiltration: Test specimen shall be tested with ASTM E 283 at a minimum widow size of 60" x 99", the air infiltration rate shall not exceed 0.10 cfm/ft. at a static pressure differential of 6.24 psf.	
Water Resistance: The test shall be tested in accordance with ASTM E 541 and ASTM E 331 at a minimum window size window size of 60" x 99". There shall be no leakage as defined in the test method at a static air pressure differential of 12 psf.	
Uniform Load Deflection: A minimum static air pressure difference of 100 psf shall be applied in the positive and negative direction in accordance with ASTM E330. There shall be no deflection in excess of 1/16" of the span of any framing member.	
Uniform Load Structural Test: A minimum air pressure of 150 psf shall be applied in the positive and negative direction in accordance with ASTM E330. The unit shall be evaluated after each test.	
Condensation Resistance Test (CRR): When tested with AAMA 1503 with clear glass, the condensation resistance factor (CRR) shall not be less than (CRR150) glass.	
Forced Entry Resistance: All windows shall conform to ASTM F568, Grade 10.	
Sound Performance: When tested in accordance with ASTM E 90, the STC shall not be less than (34) and OTC but less than (28) based on 1G with 1/2" air space.	
Thermal Barrier Test: Testing shall be in general accordance with AAMA 505 Dry Shrinkage and Composite Thermal Cycling test procedure, AIA 110-04 Structural Performance of Composite Thermal Barrier Systems.	
Environmental Product Declarations (EPD) shall have a Type III product specific EPD created from a Product Category Rule specific to North America.	

Recycled Content: For each documentation that aluminum has a minimum of 50% mixed pre-and post - consumer recycled content with a sample document illustrating project specific information that will be provided after product shipment.	
Submittals: Provide a full set of shop-drawings (plans, elevations and details) in scale/s that are easy to read and understand Plans 6 min. 1/4" / ft. Sections 6 min. 1/2" / ft. and Details 6 min. 3" / ft.	
Warranty: Provide manufacturer's warranty for a 2 year period from issuance of Architect's 'AIA 0104 Certificate of Substantial Completion'	
Aluminum Extrusions: Alloy and temper recommended by Glazed aluminum curtain wall and storefront system manufacturer for strength corrosion resistance, and application of required finish and complying with ASTM B 221: 6063-T6, 6063-T5, or 6061-T6 alloy and temper. Wall thickness at any location for the main frame to be not less than 0.010".	
Thermal Barrier: The thermal barrier shall be Kawneer IsoLock with a nominal 3/8" separation consisting of a two-part, chemically curing high density polyurethane which is mechanically and adhesively bonded to the aluminum.	
Fasteners: Aluminum, nonmagnetic stainless steel or other materials to be non-corrosive and compatible with aluminum window members, trim hardware, anchors and other components.	
Anchors, Clips and Accessories: Aluminum, nonmagnetic stainless steel, or zinc-coated steel or iron complying with ASTM B 633 for SC 3 severe service conditions provide sufficient strength to withstand design pressure indicated.	
Reinforcing Members: Aluminum, nonmagnetic stainless steel, or nickel/chrome-plated steel complying with ASTM B 456 for Type 9C 3 severe service conditions, or zinc-coated steel or iron complying with ASTM B 633 for SC 3 Severe Conditions provide sufficient to withstand design pressure indicated.	
Sealant: For sealants required within fabricated windows, provide window manufacturer's standard, permanently elastic, non-shrinking, and non-migrating type recommended by sealant manufacturer for joint size and movement.	
Fabrication:	
Framing Members, General: Fabricate components that, when assembled, have the following characteristics:	
Profiles that are sharp, straight, and free of defects or deformations.	
Accurately fit joints make joints flush/inline and weatherproof.	
Means to drain water passing joints, condensation within the framing members, and moisture migrating within the system to exterior.	
Physical and thermal isolation of glazing from framing members.	
Accommodations for thermal isolation of glazing from framing members.	
Accommodations for thermal and mechanical movements of glazing and framing to maintain required glazing edge clearances.	
Provisions for field replacement of glazing.	
Fasteners, anchors, and connections devices that are concealed from view to the greatest extent possible.	
Window Frame Joinery: Screw-spline, factory sealed frame and corner joints.	
Fabricated aluminum windows in sizes indicated, include a complete system for assembling components and anchoring windows.	
Fabricated aluminum windows that are re-glazable without dismantling framing.	
Sub-frames: Provide sub frames for windows units as shown, of profile and dimensions indicated but not less than 0.033" thick extruded Aluminum Miter or cope corners, and join with concealed mechanical joint fasteners. Finish to match window units.	
Provide sub frames capable of withstanding design loads of window units.	
Factory-Glazed Fabrication: Glaze aluminum windows in the factory where practical and possible for applications indicated, comply with requirements if indicated glazing and AAMA/WDMA/CSA 1011.92/A440 9NAF8)	
Finish: Kawneer Permafluor (10% PVDF), AAMA 2605, Fluoropolymer Coating in Color Selected by Owner.	
Examination / Installation:	
Field review all existing conditions prior to installation of scheduled window and components, review carefully manufacture's requirements for installation To ensure all conditions, measurements, supports, structure and anchors are ready and in full compliance to window manufacture's requirements full Warranty, and finished installation will meet all design requirements.	

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Boy's & Girls Restroom Modifications

Fair Oaks School Community Center

836 Old Colchester Road Oakdale, CT.

Door Schedule New Window Details New Floor Finish Plan

PROJECT NO: 2022-10-22

SCALE: AS NOTED

DRAWN BY: FRED M.

CHECKED BY:

DATE: Revised 08/28/2025

A2

ABBREVIATIONS

a	48" ABOVE FINISHED FLOOR	FD	FIRE DAMPER
A	GENERAL SERVICE COMPRESSED AIR	FD/SB	FIRE DAMPER WITH INTEGRAL SECURITY BARS
A/AMP	AMPERE	FD	FLOOR DRAIN
AC	AIR COMPRESSOR	FDC	FIRE DEPARTMENT CONNECTION
ACD	ALTERNATING CURRENT	FDV	FIRE DEPARTMENT VALVE
ACD	AUTOMATIC COOLING CONDENSATE PUMP	FHC	FIRE HOSE CABINET
ACF	AIRFLOW CENTRIFUGAL FAN	FM	FLOW METER
ACU	AIR CONDITIONING UNIT(S)	FMC	FLEXIBLE METALLIC TUBING
AD	ACCESS DOOR	FOB	FLAT ON BOTTOM
AD	AREA DRAIN	FOF	FUEL OIL FILL
AF	ARC FAULT	FOR	FUEL OIL RETURN
AFF	ABOVE FINISHED FLOOR	FOS	FUEL OIL SUPPLY
AFG	ABOVE FINISHED GRADE	FOT	FLAT ON TOP
AHU	AIR HANDLING UNIT	FOV	FUEL OIL VENT
AIC	AMPS INTERRUPTING CURRENT	FP	FIRE PUMP
AMB	AMBIENT	FPM	FEET PER MINUTE
ANN	ANNUNCIATOR	FPS	FEET PER SECOND
APD	AIR PRESSURE DROP	FS	FLOOR SINK
APPROX	APPROXIMATE	FT	FOOT OR FEET
ARV	AXIAL ROOF VENTILATOR	FVC	FIRE VALVE CABINET
AS	AIR SEPARATOR	G	GAS
ATC	AUTOMATIC TEMPERATURE CONTROL	GA	GAUGE
ATS	AUTOMATIC TRANSFER SWITCH	GAL	GALLONS
AV	ACID VENT (CHEMICAL)	GCC	GRAVITY COOLING CONDENSATE
AVG	AVERAGE	GF	GROUND FAULT
AVTR	ACID VENT THRU ROOF	GND	GROUND
AW	ACID WASTE	GPH	GALLONS PER HOUR
AWG	AMERICAN WIRE GAUGE	GPM	GALLONS PER MINUTE
AWT	AVERAGE WATER TEMPERATURE	GR	GRAINS
B	42" ABOVE FINISHED FLOOR	GRU	GREASE RECOVERY UNIT
BAS	BUILDING AUTOMATION SYSTEM	GW	GREASE WASTE
BDD	BACK DRAFT DAMPER	GWA	GREASE WASTE ABOVE GRADE
BES	BUILDING ENERGY SYSTEM	GWB	GREASE WASTE BURIED
BFW	BOILER FEED WATER	GWH	GAS WATER HEATER
BHP	BRAKE HORSEPOWER	H	HEIGHT
BICF	BACKWARD INCLINED CENTRIFUGAL FAN	HC	HEATING COIL
BMS	BUILDING MANAGEMENT SYSTEM	H/C	HEATING/COOLING
BSMT	BASEMENT	HD	HEAD
BTUH	BRITISH THERMAL UNITS/HOUR	HDCP	HANDICAP
C	CONDUIT	HP	HORSEPOWER
C/B	CIRCUIT BREAKER	HTR	HEATER
CV	COEFFICIENT, VALVE FLOW	HX	HEAT EXCHANGER
CC	COOLING COIL	HZ	FREQUENCY (CYC. PER SEC.)
CLPS	CLEAN LOW PRESSURE STEAM	ICF	IN-LINE CENTRIFUGAL FAN
CLG	CEILING	IEF	IN-LINE EXHAUST FAN
CMPS	CLEAN MEDIUM PRESSURE STEAM	LBS/HR	POUNDS PER HOUR
CMV	CEILING MOUNTED VENTILATOR	MA	MIXED AIR
CO	CLEANOUT	MFR	MANUFACTURER
CO2	CARBON DIOXIDE	NTS	NOT TO SCALE
COMP	COMPRESSOR	T'STAT	THERMOSTAT
COND	CONDENSER	TYP	TYPICAL
CONV	CONVECTOR	VD	VOLUME DAMPER
CND	CONDENSATE PIPING	VF	VERIFY IN FIELD
EF	EXHAUST FAN		
EXH	EXHAUST		

HVAC DEMOLITION GENERAL NOTES

- BEFORE SUBMITTING BID, THE CONTRACTORS SHALL VISIT THE JOB SITE AND BECOME FULLY FAMILIAR WITH THE EXISTING CONDITIONS AND THE DOCUMENTS OF OTHER TRADES UNDER WHICH THEIR WORK WILL BE ACCOMPLISHED. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY ASSUMPTIONS, OMISSIONS OR ERRORS MADE AS A RESULT OF FAILURE TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS.
- THE CONTRACTOR SHALL COORDINATE AND SCHEDULE ANY DAILY INTERRUPTIONS OR SHUTDOWNS OF THE EXISTING SYSTEMS IN ADVANCE WITH OWNER'S DESIGNATED REPRESENTATIVE. THIS SHALL INCLUDE SERVICES INTERRUPTIONS, CONNECTIONS AND DISRUPTIONS EFFECTING OTHER TRADES (MECHANICAL AND ELECTRICAL). INCLUDE ALL WORK REQUIRED TO ALLOW PHASED CONSTRUCTION WHERE NECESSARY.
- DEMOLITION DRAWINGS ARE STRICTLY DIAGRAMMATIC AND SHOW GENERAL ARRANGEMENT AND APPROXIMATE LOCATION OF EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT. IT IS NOT THE INTENT OF THESE DRAWINGS TO SHOW ALL EQUIPMENT, PIPING OR CONDUIT TO BE REMOVED, EQUIPMENT NOT BEING REUSED SHALL BE REMOVED, INCLUDING ALL ASSOCIATED HANGERS, SUPPORTS, PIPES, CONDUITS, WIRES, AND CONTROLS BACK TO THE POINT OF ORIGIN.
- REFER TO THE ARCHITECTURAL DEMOLITION DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS. THE FULL EXTENT OF THE DEMOLITION AND RECONSTRUCTION SCOPE OF WORK SHALL BE DETERMINED BY THE ENTIRE SET OF BID DOCUMENTS.
- THE CONTRACTORS SHALL COORDINATE THE DEMOLITION SCOPE OF WORK WITH THE GENERAL CONTRACTOR'S OR CONSTRUCTION MANAGER'S PHASING SCHEDULE PRIOR TO COMMENCEMENT OF WORK. CARE MUST BE TAKEN SO AS NOT TO DESTROY, REMOVE OR DEMOLISH ANY EQUIPMENT, APPURTENANCES OR DEVICES INTENDED TO REMAIN, PROVIDE TEMPORARY SERVICES AND SYSTEM MODIFICATIONS TO ACCOMMODATE CONTINUOUS OPERATION OF ACTIVE SYSTEM.
- THE LOCATION OF EXISTING HVAC SYSTEM SHOWN ON FLOOR PLANS, IS BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL FIELD VERIFY PRIOR TO COMMENCEMENT OF CONSTRUCTION, EXACT QUANTITY AND LOCATION(S) OF EXISTING EQUIPMENT, PIPING, DUCTWORK, ETC. TO BE REMOVED AND ADJUST AS NECESSARY.
- ALL EQUIPMENT, AND ASSOCIATED PIPING INDICATED TO BE REMOVED OR RELOCATED, SHALL BE DISCONNECTED AND REMOVED, INCLUDING HANGERS AND OTHER COMPONENTS, UP TO NEAREST EXISTING ACTIVE MAIN OR BRANCH LINE AND CAPPED AS CLOSE TO THE ACTIVE LINE AS POSSIBLE. NO EQUIPMENT, PIPING, OR CONDUIT SHALL BE ABANDONED IN PLACE, UNLESS SPECIFICALLY NOTED.
- ALL SYSTEMS TO BE REMOVED SHALL BE REMOVED BACK TO THE POINT OF SOURCE. THE CONTRACTOR SHALL VERIFY WHICH SYSTEMS MUST REMAIN ACTIVE TO SERVE ADJACENT SPACES DURING CONSTRUCTION. SHOULD THE CONTRACTOR ENCOUNTER, DURING DEMOLITION OF EXISTING WALLS OR CHASES, ANY PIPING OR CONDUIT WHICH MUST REMAIN ACTIVE, HE SHALL IMMEDIATELY GIVE NOTICE TO THE ENGINEER, GENERAL CONTRACTOR OR CONSTRUCTION MANAGER.
- ALL SALVAGEABLE MATERIALS OR EQUIPMENT TO BE REMOVED SHALL BE TURNED OVER TO THE OWNER AT THE END OF EACH DAY. ITEMS REMOVED AND NOT REUSED OR CLAIMED BY THE OWNER SHALL BECOME PROPERTY OF THE TRADE CONTRACTOR AND SHALL BE TRANSPORTED FROM THE SITE. SITE STORAGE OF REMOVED ITEMS WILL NOT BE PERMITTED.
- PROPERLY DISPOSE OF ALL DEMOLISHED EQUIPMENT IN COMPLIANCE WITH CODES AND REGULATIONS; THIS APPLIES TO HAZARDOUS MATERIALS AND CONTAMINATED ITEMS TO BE DEMOLISHED.
- THE CONTRACTOR SHALL OBTAIN EXISTING MECHANICAL DRAWINGS FROM THE OWNER IF AVAILABLE TO HELP DETERMINE FULL SCOPE OF WORK.

HVAC GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH CURRENT APPLICABLE CODES, ORDINANCES, REGULATORY AGENCIES HAVING JURISDICTION, AND SPECIFICATIONS. SPECIFICATIONS MAY EXCEED REQUIREMENTS OF THE CODE, IN WHICH CASE, THE SPECIFICATION MUST BE FOLLOWED.
- THE INTENT OF THESE DOCUMENTS IS FOR THE MEP TRADES TO FURNISH AND INSTALL COMPLETE MECHANICAL AND ELECTRICAL SYSTEMS. THE SPECIFIED HVAC SYSTEM SHALL BE COMPLETE IN ALL RESPECTS, OPERATIONAL, TESTED, ADJUSTED, APPROVED BY AUTHORITIES HAVING JURISDICTION AND READY FOR BENEFICIAL USE BY THE OWNER.
- THE TRADES SHALL OBTAIN AND REVIEW ALL CONTRACT DOCUMENTS BEFORE SUBMITTING THEIR BID. INFORMATION IS PROVIDED ON THE VARIOUS DRAWINGS, SCHEDULES, SPECIFICATIONS, AND ALL OF THE VARIOUS DOCUMENTS IN THE BIDDING PACKAGE. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND FORM A TOTAL PROJECT DESIGN AND INFORMATION SOURCE FOR CONSTRUCTION PURPOSES.
- THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. COORDINATE LOCATIONS OF EQUIPMENT WITH OTHER TRADES BEFORE AND DURING CONSTRUCTION. ANY MODIFICATION TO THE EQUIPMENT LAYOUT, REQUIRED FOR INSTALLATION, IS TO BE PERFORMED UNDER THE CONTRACT AGREEMENT. AT NO ADDITIONAL COST. REFER TO DETAILS, SCHEDULES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR SHALL BECOME THOROUGHLY FAMILIAR WITH THE PROJECT DOCUMENTS OF ALL TRADES. DRAWINGS ARE DIAGRAMMATIC AND SHOW THE GENERAL ARRANGEMENT OF EQUIPMENT AND PIPING. CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF EQUIPMENT AND PIPING INSTALLATION WITH ALL TRADES BEFORE COMMENCING WORK.
- EQUIPMENT SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS, WHEN EQUIPMENT MUST BE LOCATED ABOVE AN INACCESSIBLE CEILING (GYP BOARD OR EQUIVALENT), OR BEHIND A WALL, AN APPROPRIATE ACCESS DOOR SHALL BE PROVIDED. IF AN ACCESS DOOR IS REQUIRED, IT SHALL BE OF A RATING APPROPRIATE FOR THE WALL/CEILING IN WHICH IT IS TO BE INSTALLED. CONTRACTOR SHALL COORDINATE LOCATIONS OF ACCESS PANELS FOR ALL VALVES AND DEVICES, REQUIRING ACCESS, WITH THE ARCHITECT, PRIOR TO INSTALLATION OF SUCH DEVICES OR OTHER APPURTENANCES.
- REFER TO THE ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION AND MOUNTING HEIGHTS OF VARIOUS EQUIPMENT. ALL SUCH EQUIPMENT AND EQUIPMENT COLORS AND FINISHES SHALL BE COORDINATED WITH THE ARCHITECT. MOUNTING HEIGHTS SHALL BE APPROVED BY THE ARCHITECT.
- WHERE A CONFLICT OCCURS BETWEEN THE DOCUMENTS, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. CARRY AS PART OF THE BID THE LARGER QUANTITY AND/OR MORE EXPENSIVE ITEM(S).
- COORDINATE PIPING AND CONDUITS ENTERING OR LEAVING THE BUILDING WITH THE SITE CONTRACTOR(S) BEFORE INSTALLATION. COORDINATE INVERTS WITH THE STRUCTURE AND SYSTEM REQUIREMENTS, PRIOR TO INSTALLATION.
- PROVIDE THE REQUIRED/SPECIFIED SLEEVES AND SEALS FOR PIPES OR CONDUIT PENETRATING INTERIOR, AND EXTERIOR WALLS AND FLOOR SLABS.
- INSTALL FLOOR-MOUNTED EQUIPMENT ON A CONCRETE HOUSEKEEPING PAD.
- THIS CONTRACT SHALL INCLUDE ALL THE NECESSARY PIPING, FITTINGS, TRANSITIONS ETC. AS REQUIRED TO INSTALL PIPING AND EQUIPMENT. AND TO AVOID ANY CONFLICTS WITH OTHER TRADES AND THE BUILDING STRUCTURE. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY ASSUMPTIONS, OMISSIONS OR ERRORS HE MAKES AS A RESULT OF HIS FAILURE TO COORDINATE WITH OTHER TRADES OR BECOME FULLY FAMILIAR WITH THE PROJECT DOCUMENTS OF ALL TRADES.
- DO NOT INSTALL ANY PIPING OVER ELECTRICAL PANELS, TRANSFORMERS, SPECIAL EQUIPMENT, OR THROUGH ELECTRICAL ROOMS, DATA ROOMS, ELEVATOR MACHINE ROOM, STAIRWELL OR STAIRWELL WALLS THAT ARE NOT ASSOCIATED WITH OR SERVE THE RESPECTIVE ROOMS. COORDINATE THE LOCATION OF ELECTRICAL EQUIPMENT IN THE FIELD AND ADJUST AS NECESSARY.
- INSTALL SMOKE DETECTORS IN BOTH SUPPLY & RETURN AIR DUCTS FOR AIR HANDLING EQUIPMENT 2,000 CFM AND GREATER.
- PROVIDE SMOKE DAMPERS AND DUCT SMOKE DETECTORS IN BOTH SUPPLY & RETURN AIR DUCTS (AT EACH FLOOR) FOR AIR HANDLING EQUIPMENT 15,000 CFM AND GREATER.
- PROVIDE SMOKE DAMPERS AND SMOKE DETECTORS AT DUCT PENETRATIONS OF SMOKE-BARRIERS, AND AT ELEVATOR SHAFT VENTS PER CODE REQUIREMENTS.
- PROVIDE FIRE DAMPERS AT DUCT PENETRATIONS OF FIRE-RATED CONSTRUCTION, INCLUDING WALLS, SHAFTS AND FLOOR PENETRATIONS. COORDINATE WITH ARCHITECTURAL DRAWINGS.
- PROVIDE AN AUTOMATIC TEMPERATURE CONTROL SYSTEM COMPLETE IN ALL REGARDS. ALL ZONES, VAV'S AND SYSTEM SHALL BE THERMOSTATICALLY CONTROLLED. REVIEW THE PLANS AND SPECIFICATIONS OF ALL MEP TRADES FOR A COMPLETE SCOPE OF THE WORK.
- TEST AND BALANCE BOTH AIR AND HYDRONIC SYSTEMS, PROVIDE BALANCING REPORT TO ARCHITECT AND ENGINEER.
- PIPING SHALL BE SUPPORTED FROM STRUCTURE ABOVE. TO MAXIMIZE HEAD ROOM, INSTALL PIPING TIGHT TO BOTTOM OF BEAMS WHEN RUNNING PERPENDICULAR TO BEAM; INSTALL PIPING TIGHT TO FLOOR SLAB WHEN RUNNING PARALLEL TO BEAM; PROVIDE ALL NECESSARY FITTINGS AND TRANSITIONS.
- PROVIDE THROTTLING VALVES AND SHUT-OFF VALVES AS INDICATED IN SPECIFICATIONS IN ADDITION TO THOSE INDICATED ON THE DOCUMENTS.
- INSTALL ALL EQUIPMENT VALVES AS REQUIRED BY MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS AND AS DETAILED.
- PROVIDE AIR VENTS AT ALL HIGH POINTS AND DRAINS AT ALL LOW POINTS.
- PROVIDE PRESSURE RELIEF DOORS FOR AIR SYSTEMS, PER THE SPECIFICATIONS.
- PROVIDE MOTORIZED DAMPERS AT ALL PERMANENT OPENINGS (EXHAUST, SUPPLY, RELIEF, O.A. INTAKES, MAKE-UP AIR, SMOKE VENTS, ETC.) EXCEPT DRYER, KITCHEN, AND FUME EXHAUST AND PROVIDE A MEANS TO CONTROL THE DAMPER OPERATION.
- ALL SUPPLY RECTANGULAR 90° ELBOWS SHALL HAVE TURNING VANES.
- PROVIDE DUCT TAKE-OFF TYPES AND VOLUME DAMPERS PER THE SPECIFICATIONS AND DUCT TAKE-OFF DETAILS ON DRAWINGS. TAKE-OFFS SHOWN ON FLOOR PLANS DO NOT REPRESENT THE SPECIFIC TYPE OF TAKE-OFF REQUIRED; CONSULT THE DETAILS AND SPECIFICATIONS.
- PROVIDE VOLUME DAMPERS ON ALL SUPPLY, EXHAUST, AND RETURN BRANCH DUCTS.
- COORDINATE AND VERIFY LOCATIONS OF ALL ITEMS REQUIRING ACCESS WITH ARCHITECT IN FIELD., INCLUDING VALVES, VOLUME DAMPERS, FIRE DAMPERS, ETC.
- ALL EQUIPMENT LOCATED ON THE ROOF THAT REQUIRES SERVICING SHALL BE LOCATED A MINIMUM 10'-0" FROM EDGE OF THE ROOF.
- ALL EXPOSED DUCTWORK SHALL BE FLAT, OVAL, OR ROUND. COORDINATE WITH ARCHITECT'S CEILING PLANS AND IDENTIFY ON DUCTWORK SHOP DRAWINGS.
- PROVIDE DUCT TRANSITIONS AT RTU/AHU CONNECTIONS, ADJUST STEEL FRAMING AND SUPPORTS AFTER FINAL AIR HANDLING UNIT APPROVAL.
- IN TIGHT AREAS ALL DUCTWORK SHALL BE INSTALLED AS HIGH AS POSSIBLE, BETWEEN STEEL & TRUSSES, BRUNCH DUCTWORK SHALL RUN THRU JOIST OPENINGS.
- ALL THERMOSTATS LOCATED ON OUTSIDE WALL SHALL HAVE INSULATED PAD BEHIND.
- ALL MOTORIZED DAMPERS SHALL BE WIRED BY ATC CONTRACTOR, COORDINATE VOLTAGE REQUIREMENTS WITH EQUIPMENT.
- ALL TOILETS & BATHROOMS SHALL HAVE 3/4" UNDERCUT DOORS.
- ALL LOUVERS ARE SELECTED AND SCHEDULED BY ARCHITECT. LOUVER TAGS ARE SHOWN FOR COORDINATION ONLY.
- SEISMICALLY SUPPORT THE EQUIPMENT AS REQUIRED BY CODE, THE AUTHORITY HAVING JURISDICTION, AND/OR AS SPECIFIED. SUBMIT ENGINEERED INSTALLATION DETAILS PER THE SPECIFICATIONS. THE CONTRACTOR'S SEISMIC ENGINEER SHALL REVIEW THE INSTALLATION AND PROVIDE A DETAILED REPORT FOR THE RECORD.
- ALL DUCTWORK AND PIPING CROSSING SEISMIC JOINTS SHALL ACCOMMODATE DIFFERENTIAL MOTION. REFER TO DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR LOCATIONS.
- PROVIDE PIPE EXPANSION COMPENSATION FOR THE VARIOUS PIPING SYSTEMS. SUBMIT ENGINEERED DETAILS FOR APPROVAL AND VERIFY INSTALLATION IS IN ACCORDANCE WITH THE CODE. THE CONTRACTOR'S CONSULTING ENGINEER SHALL REVIEW THE INSTALLATION AND PROVIDE A REPORT OF THE FINDINGS.



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Revisions:

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Community Center
836 Old Colchester Road Oakdale, CT.

Plans
MECHANICAL
GENERAL NOTES
AND LEGEND

PROJECT NO: 2022-10.22

SCALE:
AS NOTED
DRAWN BY:
FSM
CHECKED BY:
BJZ
DATE:
08/28/2025

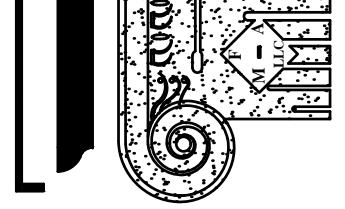
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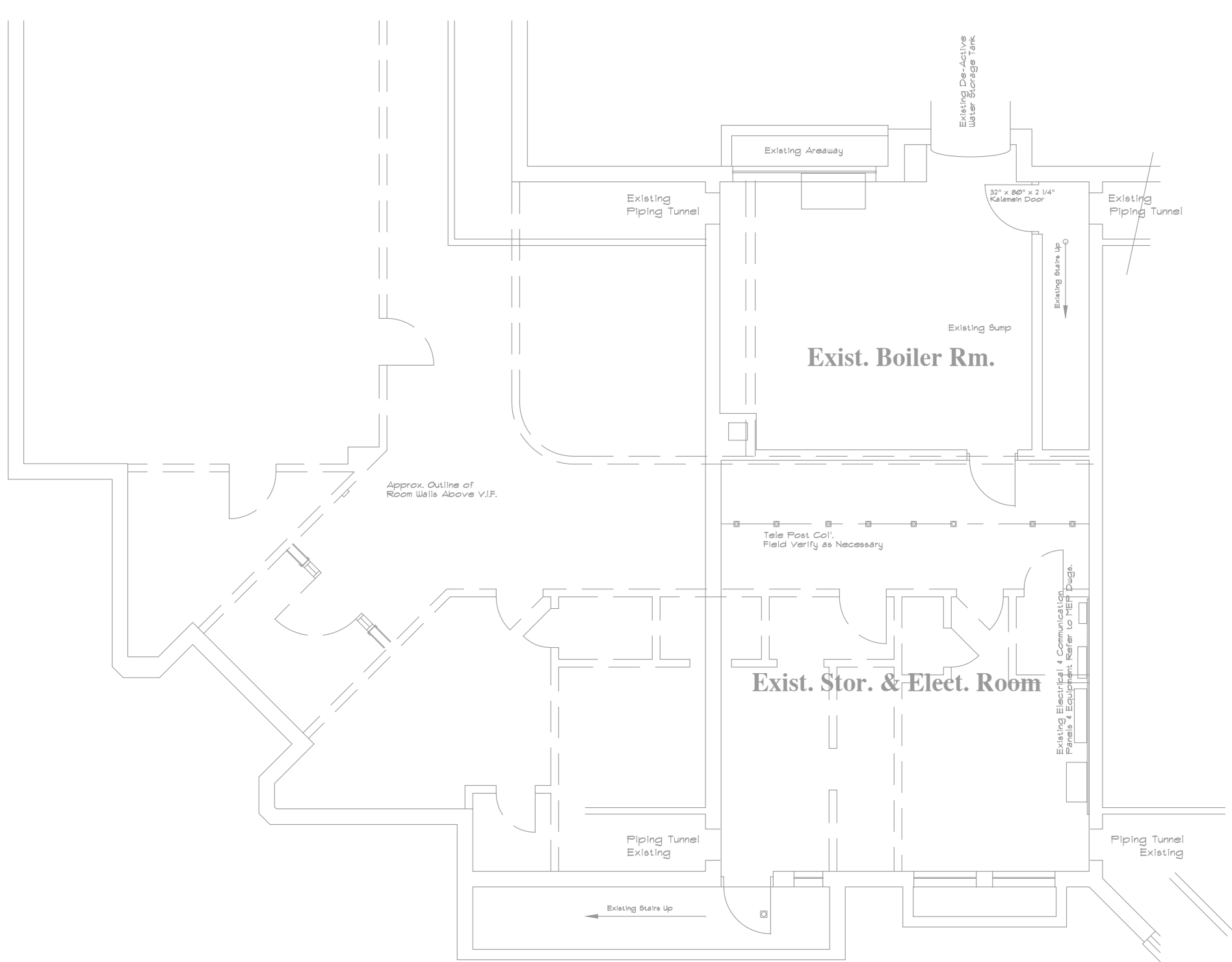
Boy's & Girls Restroom Modifications
**Fair Oaks School
Community Center**
836 Old Colchester Road Oakdale, CT.

**Plans
MECHANICAL
FLOOR PLANS**

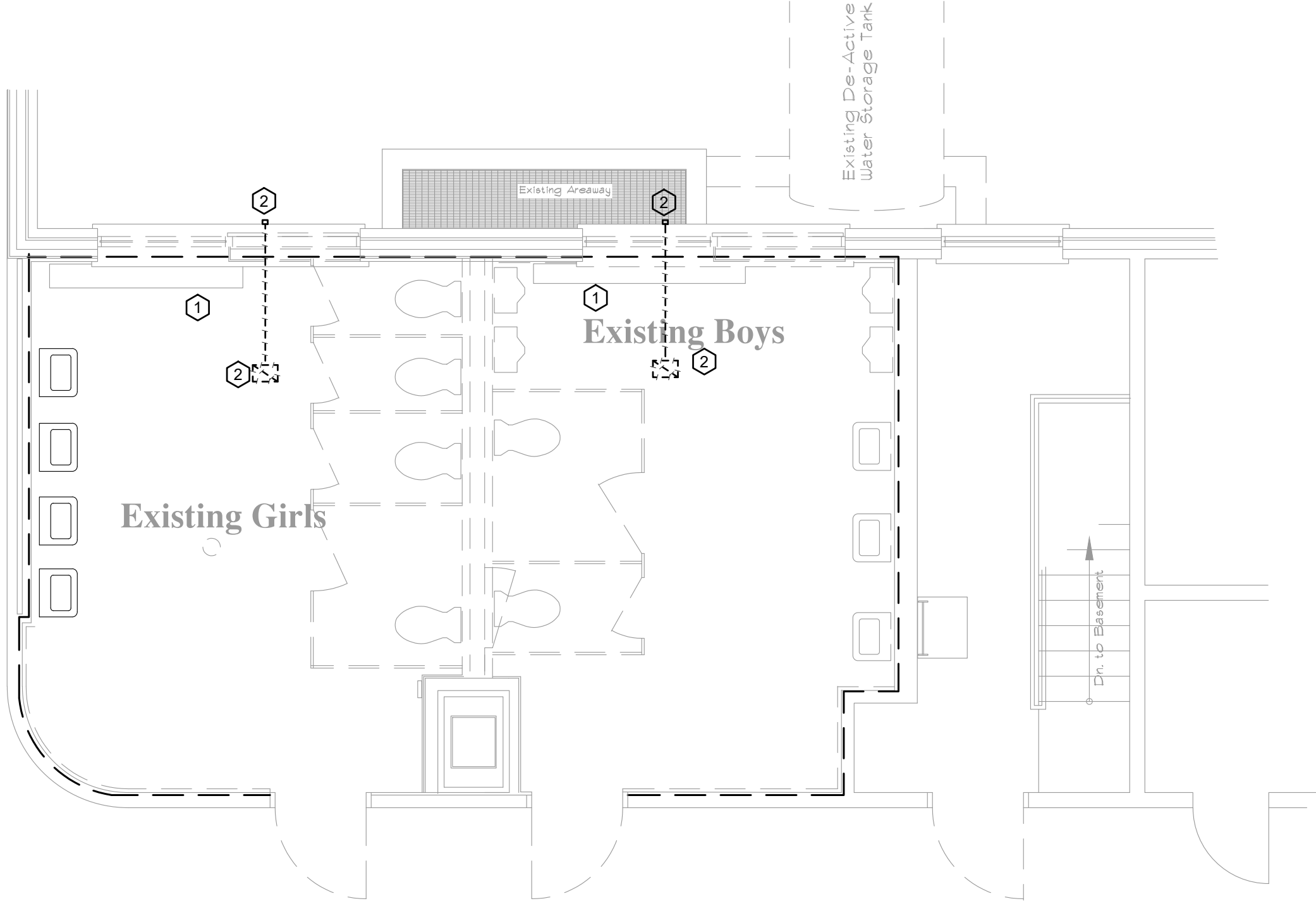
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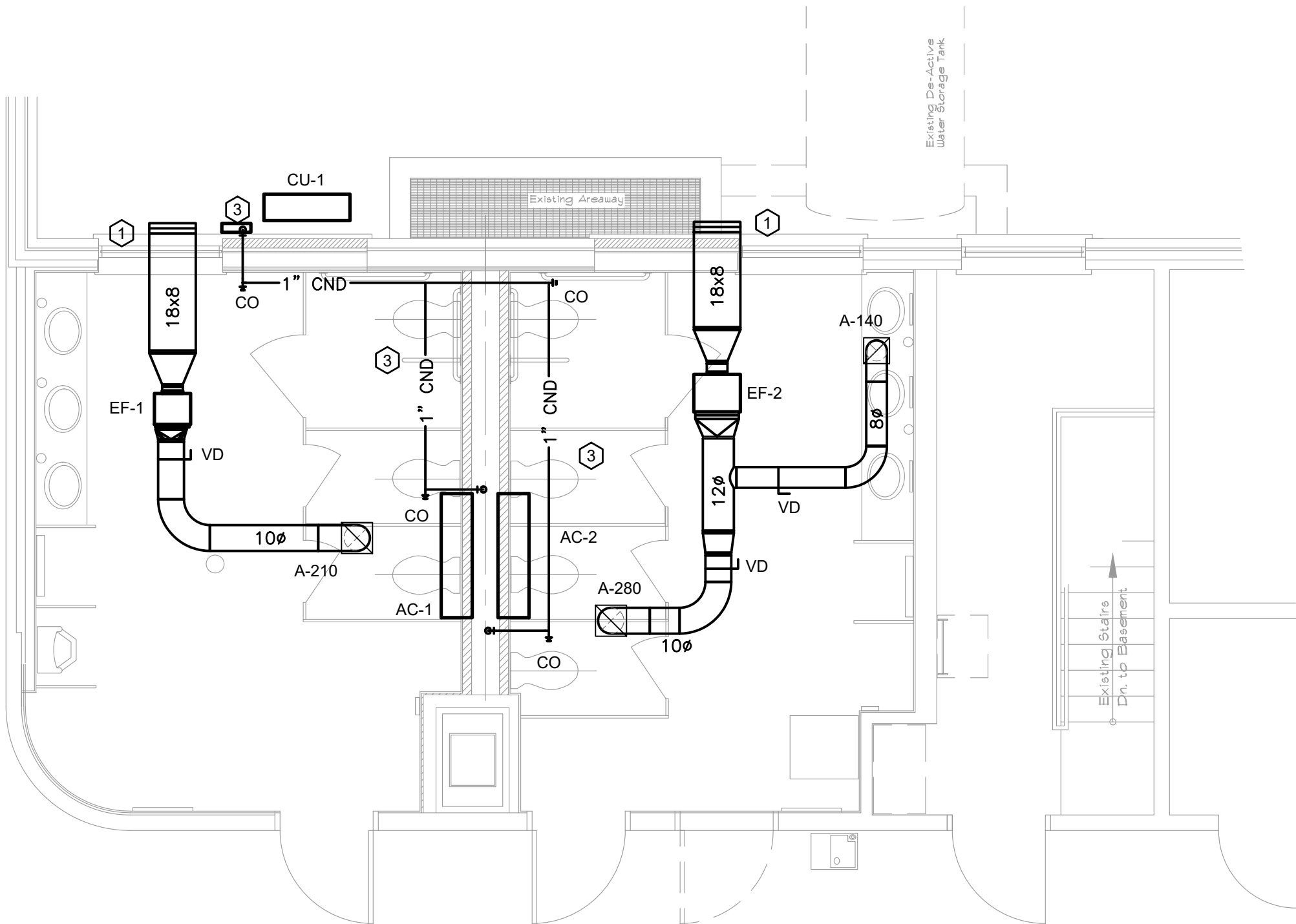


1 BASEMENT DEMOLITION PART PLAN
SCALE: 1/8" = 1'-0"



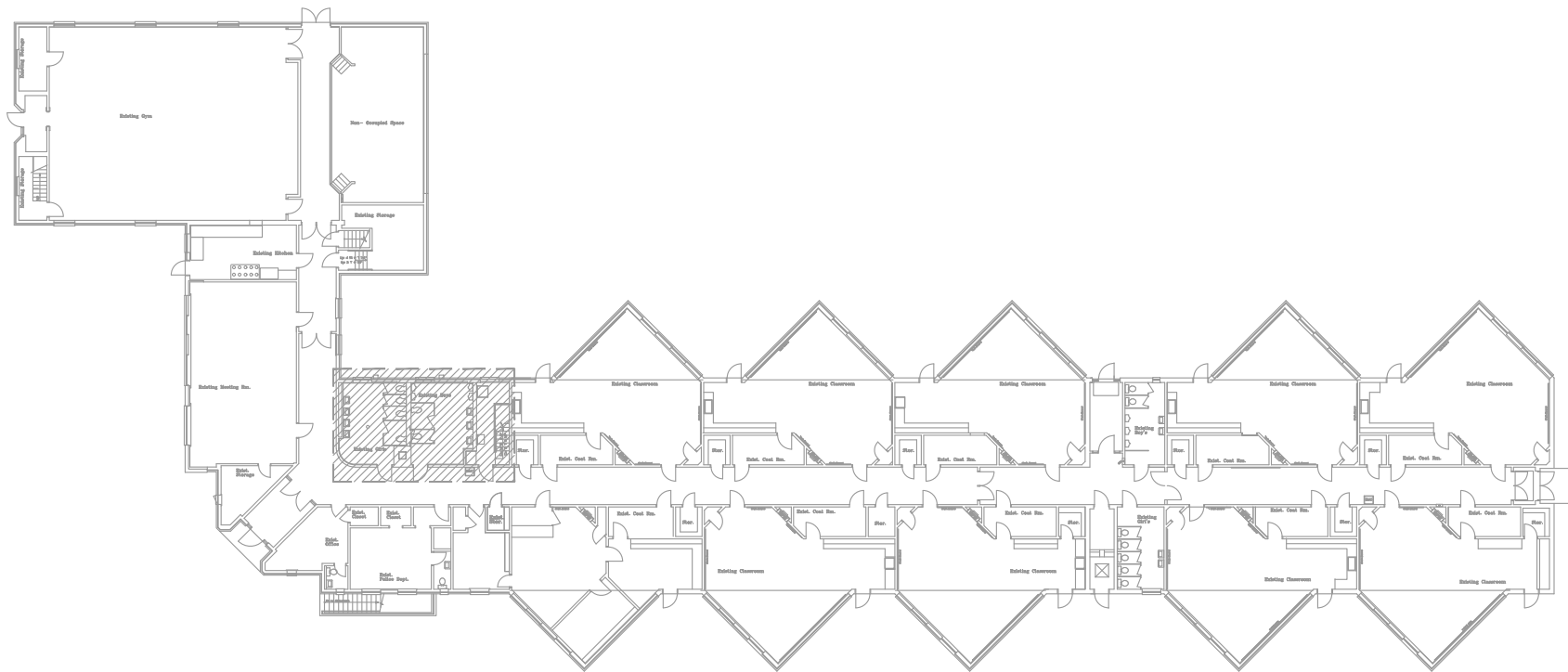
2 FIRST FLOOR DEMOLITION PART PLAN
SCALE: 1/4" = 1'-0"

- MECHANICAL DEMOLITION NOTES:**
- REMOVE STEAM CONVECTOR. REMOVE STEAM SUPPLY AND CONDENSATE RETURN BACK TO MAIN AND CAP.
 - REMOVE EXISTING EXHAUST FAN AND ASSOCIATED DUCTWORK AND WALL CAP.



3 FIRST FLOOR NEW WORK PART PLAN
SCALE: 1/4" = 1'-0"

- MECHANICAL NOTES:**
- FURNISH AND INSTALL BUCKLEY ASSOCIATES WALL CAP MODEL WC18X8.
 - REMOVE EXISTING EXHAUST FAN AND ASSOCIATED DUCTWORK AND WALL CAP.
 - RUN REFRIGERATE LINES AND 1" CONDENSATE ABOVE THE CEILING AND DOWN TO CU-1 AND CU-2.
 - INSTALL REFRIGERATE LINES AND CONDENSATE ON THE EXTERIOR OF THE BUILDING. INSTALL IN LINE HIDE. PROVIDE SLASH BLOCK CONDENSATE PIPING.



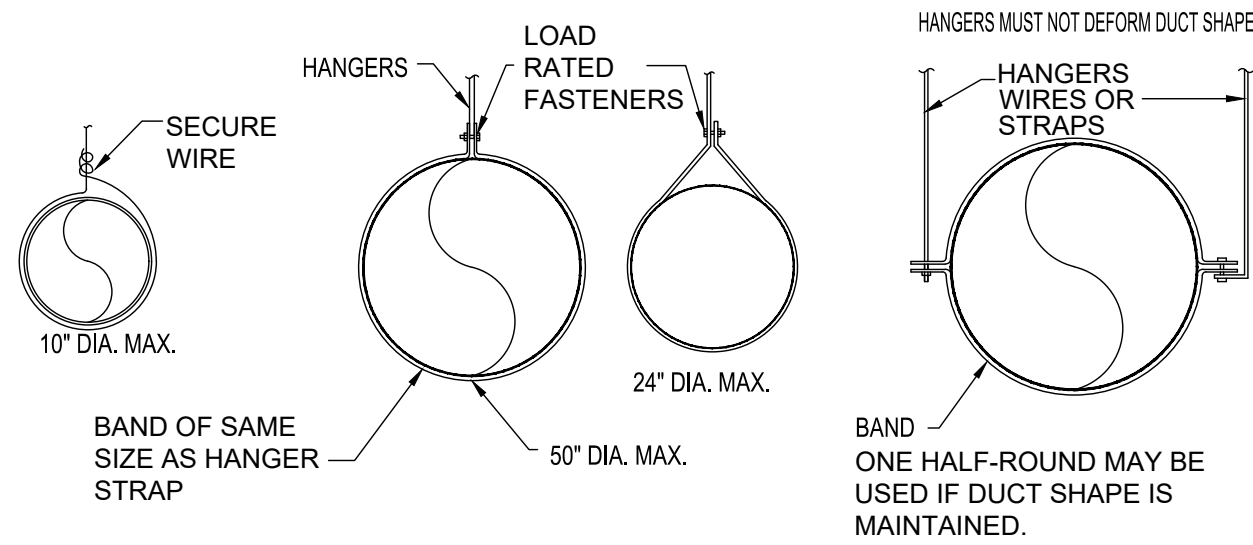
Key Plan Main Level Floor



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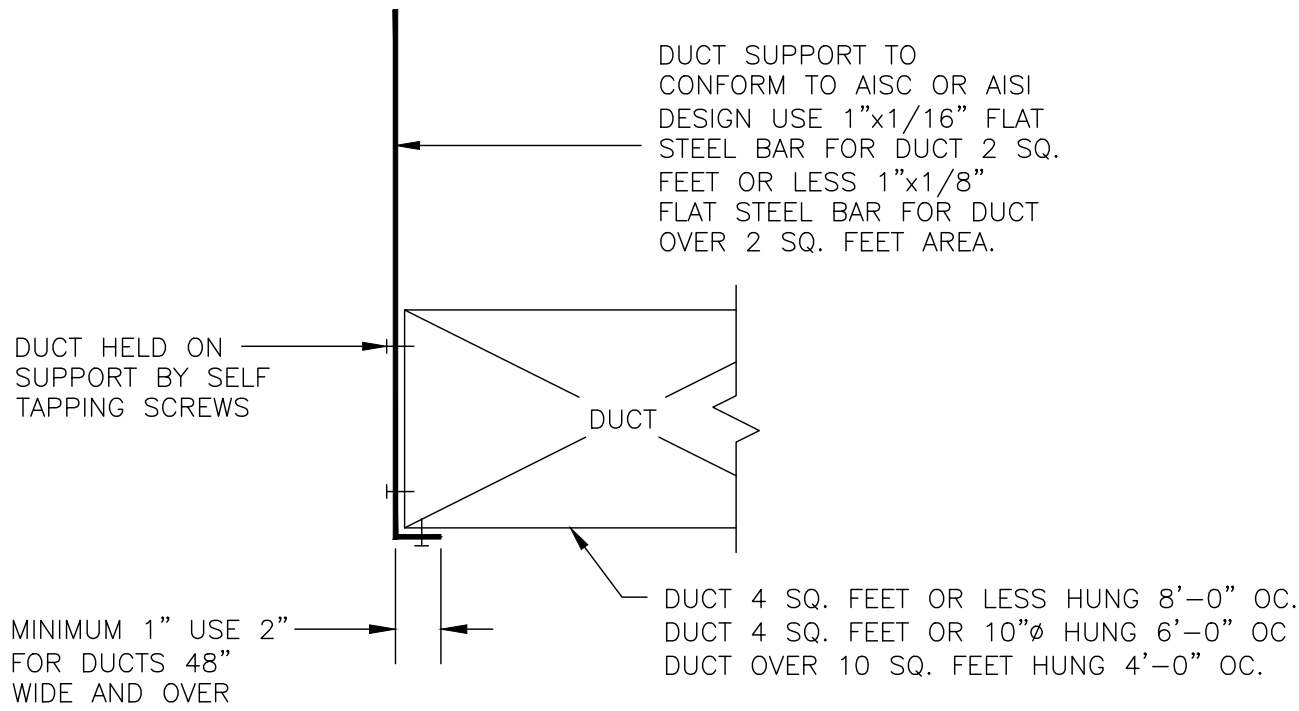
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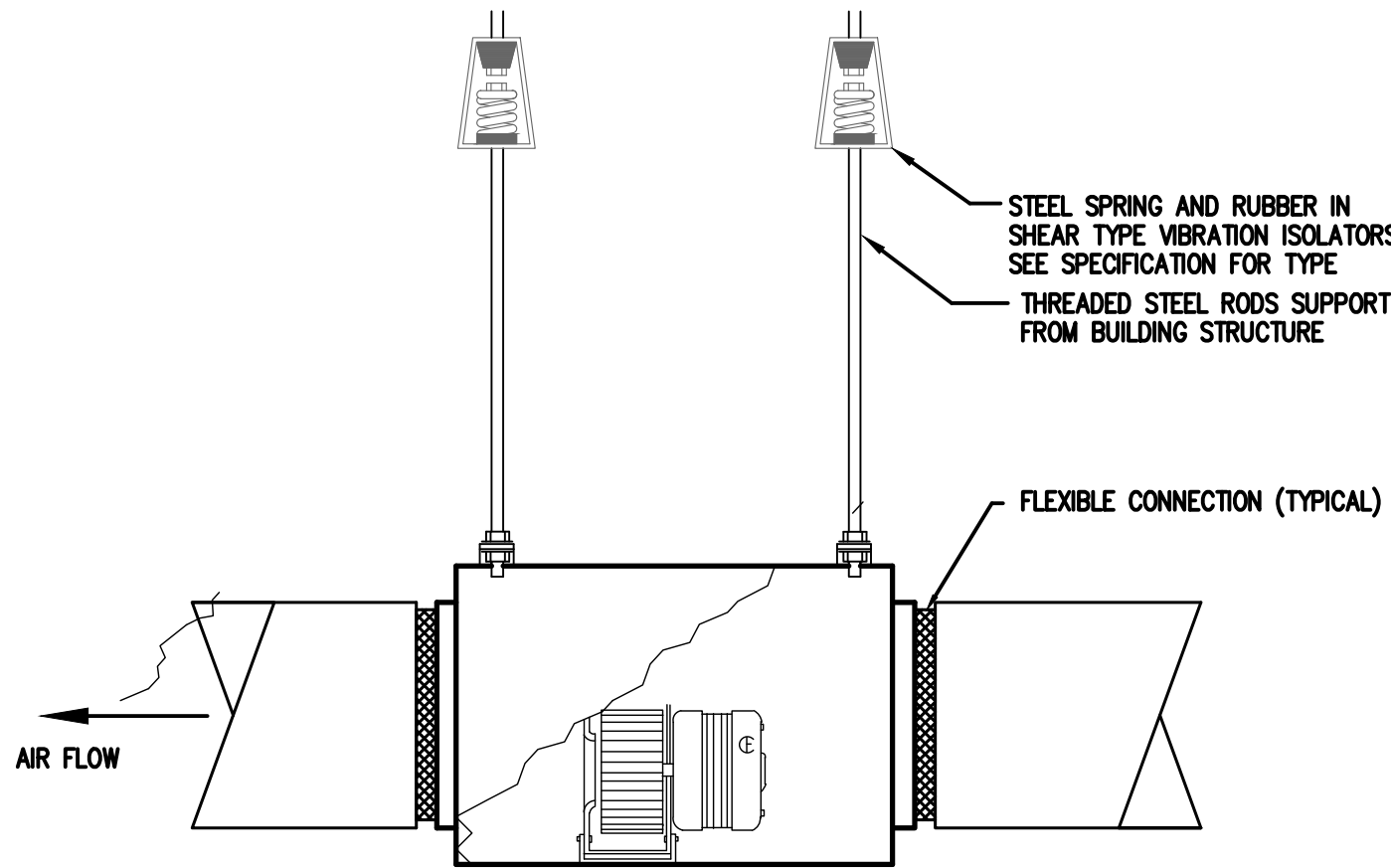
MINIMUM HANGER SIZES FOR ROUND DUCT			
DIA.	MAXIMUM SPACING	WIRE DIA.	STRAP
10" dn 11-18"	12'	One 12 ga. Two 12 ga. or One 8 ga. Two 10 ga. Two 8 ga.	1" x 22 ga. 1" x 22 ga.
19-24" 25-36" 37-50"	12'		1" x 22 ga. 1" x 20 ga.
51-60"	12'		Two 1" x 20 ga. Two 1" x 18 ga.
61-84"	12'		Two 1" x 16 ga.

FOR ADDITIONAL INFORMATION REFER TO THE LATEST EDITION OF SMACNA

1
M-2 **ROUND DUCT HANGER DETAIL**
SCALE: N.T.S



2
M-2 **RECTANGULAR DUCT HANGER DETAIL**
SCALE: N.T.S



3
M-2 **IN-LINE FAN DETAIL**
SCALE: N.T.S

DUCTLESS SPLIT SYSTEM SCHEDULE								
EVAPORATOR UNIT								
TAG	MFR	MODEL	CFM	COOLING (BTUH)	HEATING (BTUH)	MAX SOUND LEVEL dB(a)	MOUNTING	VOLTS/ PHASE
AC-1	DAIKIN	MSZ-FS12NA	137-226-221-304-424	12,000	12,300	21-24-29-36-44	WALL	208/1
AC-2	DAIKIN	MSZ-FS12NA	137-226-221-304-424	12,000	12,300	21-24-29-36-44	WALL	208/1
CONDENSING UNIT								
TAG	CAPACITY (TONS)	MODEL	REFRIGERANT TYPE	SEER	MCA	MOCP	VOLTS/ PHASE	
CU-1	1.5	MXZ-3C24NA3	R410A	20.0	22.1	25	208/1	
<u>GENERAL NOTES/ACCESSORIES:</u> 1. ACCEPTABLE MANUFACTURERS BY:DAIKIN, SAMSUNG, FUJITSU 2. PROVIDE WIRED DELUXE REMOTE CONTROLLER 3. PROVIDE CONDENSATE PUMP EQUAL TO ASPEN MINI 4. PROVIDE EACH AC UNIT WITH MODEL PAC-YT53CRAU THERMOSTAT AND LOCKING COVER. 5. LOW AMBIENT BAFFLE KIT. 6. PROVIDE UL LISTED DRAIN PAN CONDENSATE OVERFLOW SENSOR 7. VARIABLE COMPRESSOR SPEED INVERTER TECHNOLOGY 8. PROVIDE CONDENSING UNIT SUPPORTS. 8.1. 18" HIGH STAND 9. INSTALL REFRIGERANT PIPING IN STRICT ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS.								

EXHAUST FAN SCHEDULE								
TAG	MFR	MODEL NUMBER	TYPE	DRIVE	CFM	ESP (IN WC)	RPM	MOTOR WATTS
EF-1	GREENHECK	CSP-A290	INLINE	DIRECT	210	.5	840	102
EF-2	GREENHECK	CSP-A510	INLINE	DIRECT	420	.25	1070	210
TAG	VOLTS/ PHASE	SERVICES	SONES	REMARKS				
EF-1	115/1	GIRLS BATHROOM	4.1	1 2				
EF-2	115/1	BOYS BATHROOM	2.8	1 2				
ACCEPTABLE MANUFACTURERS BY: COOK, TWIN CITY FANS.						ADDITIONAL ACCESSORIES 1 SWITCH W/PILOT LIGHT 2 RUBBER ISOLATED MOUNTING BRACKET		

REGISTERS, GRILLES, AND DIFFUSERS (RGD'S)			
CEILING RETURN/EXHAUST REGISTER TYPE A			
CFM		NECK SIZE	
0-150		8 x 8	
151-250		10 x 10	
251-350		12 x 12	
351-500		14 x 14	
TYPE	MFG	MODEL	DESCRIPTION
A	PRICE	630	RETURN/EXHAUST CEILING/WALL REGISTER, 0.666" SPACING, ALUMINUM CONSTRUCTION WITH FLANGED BORDERS.

ACCEPTABLE MANUFACTURERS: TITUS, KRUEGER

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MECHANICAL
SCHEDULE AND
DETAILS

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M-2



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ELECTRICAL
GENERAL
INFORMATION

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E-0

ELECTRICAL LEGEND

N O T E : ALL MOUNTING HEIGHTS GIVEN ARE TO CENTERLINE OF DEVICE UNLESS OTHERWISE NOTED.

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	RECESSED CEILING MOUNTED LIGHT FIXTURE - SUBLETTER INDICATES TYPE	A	AMPERE
	LIGHT FIXTURE WITH INTEGRAL EMERGENCY LIGHTING BATTERY PACK	AC	ABOVE COUNTER
	CEILING MOUNTED OCCUPANCY SENSOR	A.F.F.	ABOVE FINISHED FLOOR
	GROUNDDED DUPLEX GFI RECEPTACLE "WEATHERPROOF WHILE IN-USE" COVER	A.F.G.	ABOVE FINISHED GRADE
	WEATHERPROOF NON-FUSED DISCONNECT SWITCH	C	CONDUIT
	MOTOR	C/B	CIRCUIT BREAKER
	ELECTRICAL PANELBOARD	EF	EXHAUST FAN
	HEAT DETECTOR	ETR	EXISTING TO REMAIN
	TRANSFORMER	GFI	GROUND FAULT INTERRUPTER
	BRANCH CIRCUIT WIRING	NL	NEW LOCATION OF EXISTING RELCOATED
	BRANCH CIRCUIT HOMERUN	RE	REMOVE EXISTING
	LOW VOLTAGE WIRING	WAP	WIRELESS ACCESS POINT
	ELECTRICAL GROUND	WP	WEATHER PROOF

ELECTRICAL DEMOLITION NOTES

1. PRIOR TO SUBMITTING BID, VISIT SITE AND IDENTIFY EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT WORK TO BE PERFORMED. NO COMPENSATION WILL BE GRANTED FOR ADDITIONAL WORK CAUSED BY UNFAMILIARITY WITH SITE CONDITIONS THAT ARE VISIBLE OR READILY IDENTIFIED BY EXPERIENCED OBSERVERS. INCLUDE IN THE BID ALL DEMOLITION WORK REQUIRED.
2. PERFORM WORK FOR REMOVAL AND DISPOSAL OF EQUIPMENT AND MATERIALS CONTAINING TOXIC SUBSTANCES REGULATED UNDER THE FEDERAL TOXIC SUBSTANCES CONTROL ACT (TSCA) IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. APPLICABLE EQUIPMENT AND MATERIALS INCLUDE, BUT ARE NOT LIMITED TO:
- PCB-CONTAINING ELECTRICAL EQUIPMENT, INCLUDING TRANSFORMERS, CAPACITORS, AND SWITCHES.
- PCB- AND DEHP-CONTAINING LIGHTING BALLASTS.
- MERCURY-CONTAINING LAMPS AND TUBES.

ELECTRICAL GENERAL NOTES

1. POWER WIRING TO MECHANICAL EQUIPMENT, MOTOR CONTROLLERS AND CONTROL PANELS SHALL BE PROVIDED UNDER DIVISION 26 (ELECTRICAL)

2. HVAC CONTROL WIRING SHALL BE PROVIDE UNDER DIVISION 25 (HVAC).

3. UNLESS OTHERWISE STATED OR SPECIFIED ALL STARTERS SHALL BE NEMA COMBINATION MAGNETIC MOTOR STARTERS SIZED PER MOTOR HP. COORDINATE MOTOR STARTER TYPE AND FEATURES WITH THE REQUIREMENTS OF THE MECHANICAL EQUIPMENT AND THE CONTROL SYSTEM. PROVIDE OVERLOAD, UNDER VOLTAGE AND PHASE LOSS PROTECTION IN ALL STARTERS.

4. PROVIDE FLEXIBLE CONNECTIONS ON ALL ROTATING EQUIPMENT. WIRING METHODS:
A. GENERAL: CONCEAL ALL WIRING IN BUILDING WALLS, FLOORS, AND ABOVE CEILINGS EXCEPT IN MECHANICAL/ ELECTRICAL EQUIPMENT ROOMS, BASEMENTS,UNFINISHED ATTIC SPACES.

5. GENERAL:
A. BRANCH CIRCUIT WIRING IS SHOWN ON THE FLOOR PLANS. NUMERALS ADJACENT TO THE HOMERUN SYMBOLS FOR LIGHTING, RECEPTACLES, MOTORS, APPLIANCES, ETC. INDICATE THE CIRCUIT NUMBER TO WHICH THE ITEMS ARE TO BE CONNECTED. PROVIDE BRANCH CIRCUIT WIRING FOR ALL ITEMS SHOWN IN ACCORDANCE WITH THESE GENERAL NOTES AND THE ELECTRICAL SPECIFICATIONS.

B. MECHANICAL EQUIPMENT (MOTORS, HVAC EQUIPMENT, ETC.) IS SHOWN ON PLAN DRAWINGS FOR APPROXIMATE LOCATION ONLY. REFER TO MECHANICAL PLANS FOR EXACT LOCATIONS.

C. ALL 1 POLE, 15 AND 20 AMPERE BRANCH CIRCUITS SERVING RECEPTACLE OR LIGHTING SHALL BE 2 WIRE CIRCUITS PROVIDING AN INDIVIDUAL NEUTRAL CONDUCTOR FOR EACH UNGROUNDED (HOT) CIRCUIT CONDUCTOR. DO NOT SHARE NEUTRAL CONDUCTORS.

D. ALL CIRCUITS SHALL BE 2#12,1#12G, 3/4" C CONNECT TO NEW 20A-1P CIRCUIT BREAKER IN PANEL INDICATED UNLESS NOTED OTHERWISE.

E. ALL 120VAC(277VAC) BRANCH CIRCUITS EXCEEDING 150' (250') IN LENGTH SHALL BE INCREASED TO 2#10,1#10G,3/4" C. UNLESS NOTED OTHERWISE.

F. REFER TO ARCHITECT'S REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF CEILING MOUNTED DEVICES.

G. ALL DEVICES SHALL BE LABELED WITH SOURCE PANEL AND CIRCUIT NUMBER (S).

6. ALL EXPOSED CABLES OF ANY TYPE IN PLENUM CEILING SPACE SHALL BE PLENUM RATED.

7. CONTRACTOR SHALL PROVIDE ALL NECESSARY MISCELLANEOUS STEEL FOR THE SUPPORT OF ALL EQUIPMENT, PIPING, CONDUIT AND DUCTWORK. SUSPENDED FROM SLAB, STEEL, WALL OR TRUSSWORK.

8. CONTRACTOR SHALL COORDINATE HIS WORK WITH THE WORK OF ALL OTHER TRADES AND THE EXISTING FIELD CONDITIONS.

1. ELECTRICAL TERMINATIONS (LUGS, TERMINALS, ETC.) ON ALL EQUIPMENT SHALL BE RATED FOR USE WITH 90 DEGREES C CONDUCTORS.
10. EQUIPMENT GROUNDING:
A. INSULATED (GREEN) EQUIPMENT GROUND WIRES SHALL BE PROVIDED IN ALL FEEDERS AND BRANCH CIRCUITS.

11. ALL PENETRATIONS OF FLOORS (WHETHER OR NOT FIRE RESISTANCE RATED) AND ALL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE PROVIDED WITH A THROUGH PENETRATION PROTECTION SYSTEM (FIRESTOPPING). EACH THROUGH - PENETRATION PROTECTION SYSTEM SHALL BE TESTED IN ACCORDANCE WITH ASTM E814 AND BE LISTED FOR THE TYPE OF FLOOR OR WALL ASSEMBLY PENETRATED AND THE TYPE OF PROTECTION SYSTEM.

12. IT IS NOT THE INTENTION TO SHOW EVERY FITTING, HANGER, WIRE OR DEVICE, ALL SUCH ITEMS SHALL BE FURNISHED AND INSTALLED AS NECESSARY FOR A COMPLETE SYSTEM.

13. DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. (DO NOT SCALE THE DRAWINGS.)

14. PROVIDE POWER TO ALL MECHANICAL EQUIPMENT SHOWN ON MECHANICAL PLANS, RISERS, SCHEDULES AND SPECIFICATIONS. REFER TO MECHANICAL PLANS AND SCHEDULES FOR LOCATIONS AND ELECTRICAL REQUIREMENTS. COORDINATE EXACT LOCATION OF ALL EQUIPMENT WITH THE MECHANICAL CONTRACTOR.

15. CONTRACTOR SHALL DETERMINE THE QUANTITY OF CONDUCTORS REQUIRED FOR PROPER OPERATION OF ALL SWITCHING SCHEMES.

16. ALL BRANCH CIRCUIT WIRING SHOWN IS DIAGRAMMATIC. EXACT ROUTING SHALL BE FIELD COORDINATED TO CLEAR THE WORK OF OTHER TRADES.

17. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION OF ALL WIRING DEVICES SHOWN ON ELECTRICAL PLANS.

18. ALL RECEPTACLES LOCATED WITHIN 6' OF SINKS AND ALL WET LOCATIONS SHALL BE GFI TYPE. EXTERIOR DEVICES TO BE PROVIDED WITH "WEATHERPROOF WHILE IN USE" COVERS

19. BOND ALL OF THE FOLLOWING SERVICES TOGETHER WHERE PRESENT PER THE NEC: POWER, TELECOMMUNICATION, CATV.

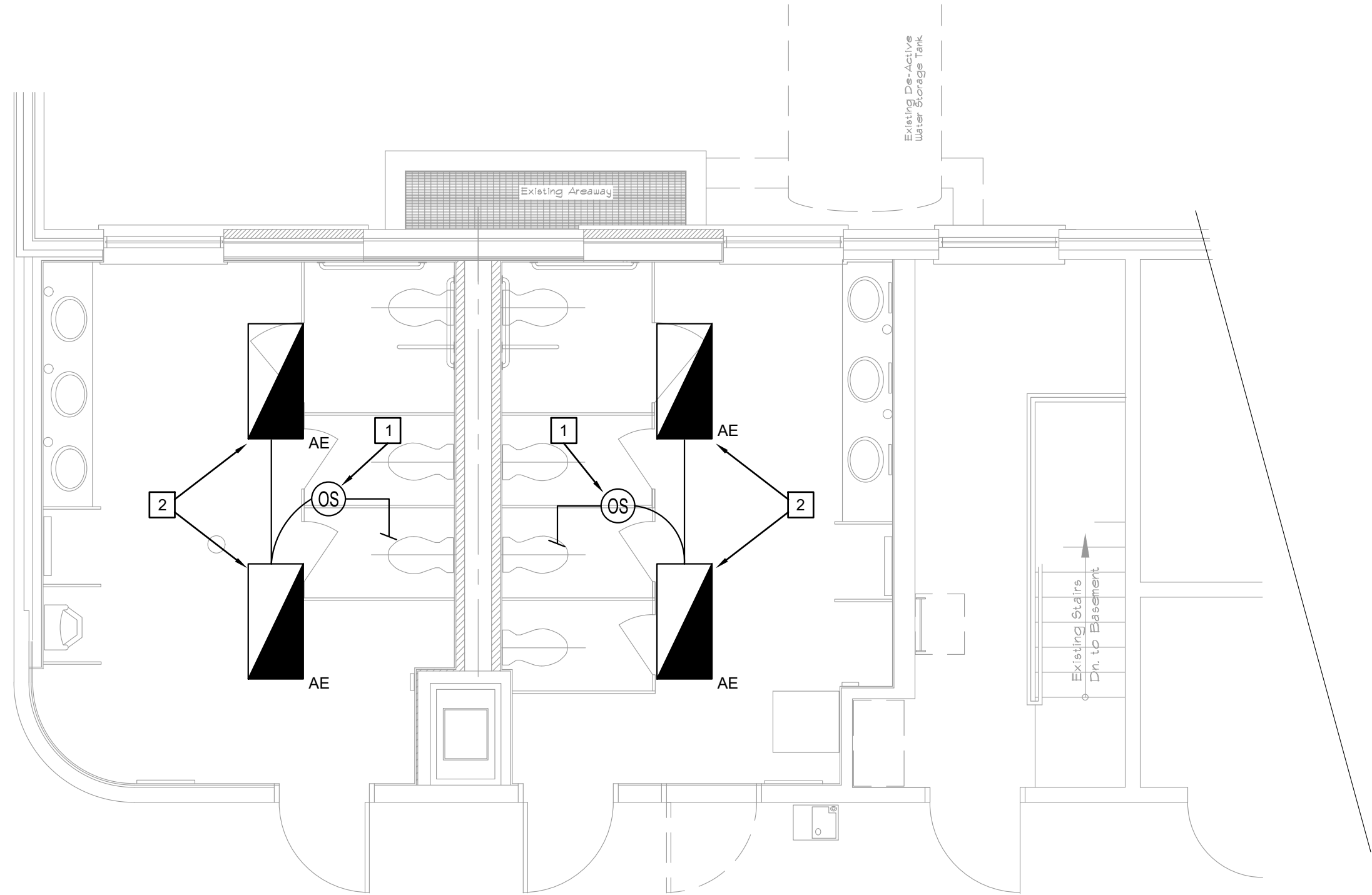
20. PROVIDE POWER FEED FROM PANEL WITH SUFFICIENT CAPACITY AND SPACE FOR ALL MISCELLANEOUS SYSTEMS. THESE SYSTEMS SHALL INCLUDE, BUT NOT LIMITED TO, MONITORING SYSTEMS, CONTROL PANELS, PLUMBING ACCESSORIES, ETC. CONTRACTOR SHALL FURNISH AND INSTALL ALL BRANCH CIRCUIT WIRING AND CIRCUIT BREAKERS FOR ALL EQUIPMENT SHOWN AS REQUIRED.

21. PROVIDE ALL BONDING AND GROUNDING REQUIRED BY THE NATIONAL ELECTRIC CODE, NFPA 70 AND AS REQUIRED BY LOCAL AUTHORITY HAVING JURISDICTION.

22. ALL REQUIRED BONDING CONDUCTORS SHALL BE MINIMUM #8 SOLID INSULATED COPPER, PROVIDE ALL NECESSARY FITTINGS, JUNCTION BOXES, END FITTINGS, ETC., FOR A COMPLETE, CONTINUOUS INSTALLATION.

23. ALL BONDING/GROUNDING CONNECTIONS SHALL BE MADE BY LISTED CLAMP,OR CONNECTORS AS REQUIRED BY ARTICLE 250 OF NFPA 70, THE NATIONAL ELECTRIC CODE (CURRENT ADOPTED EDITION).

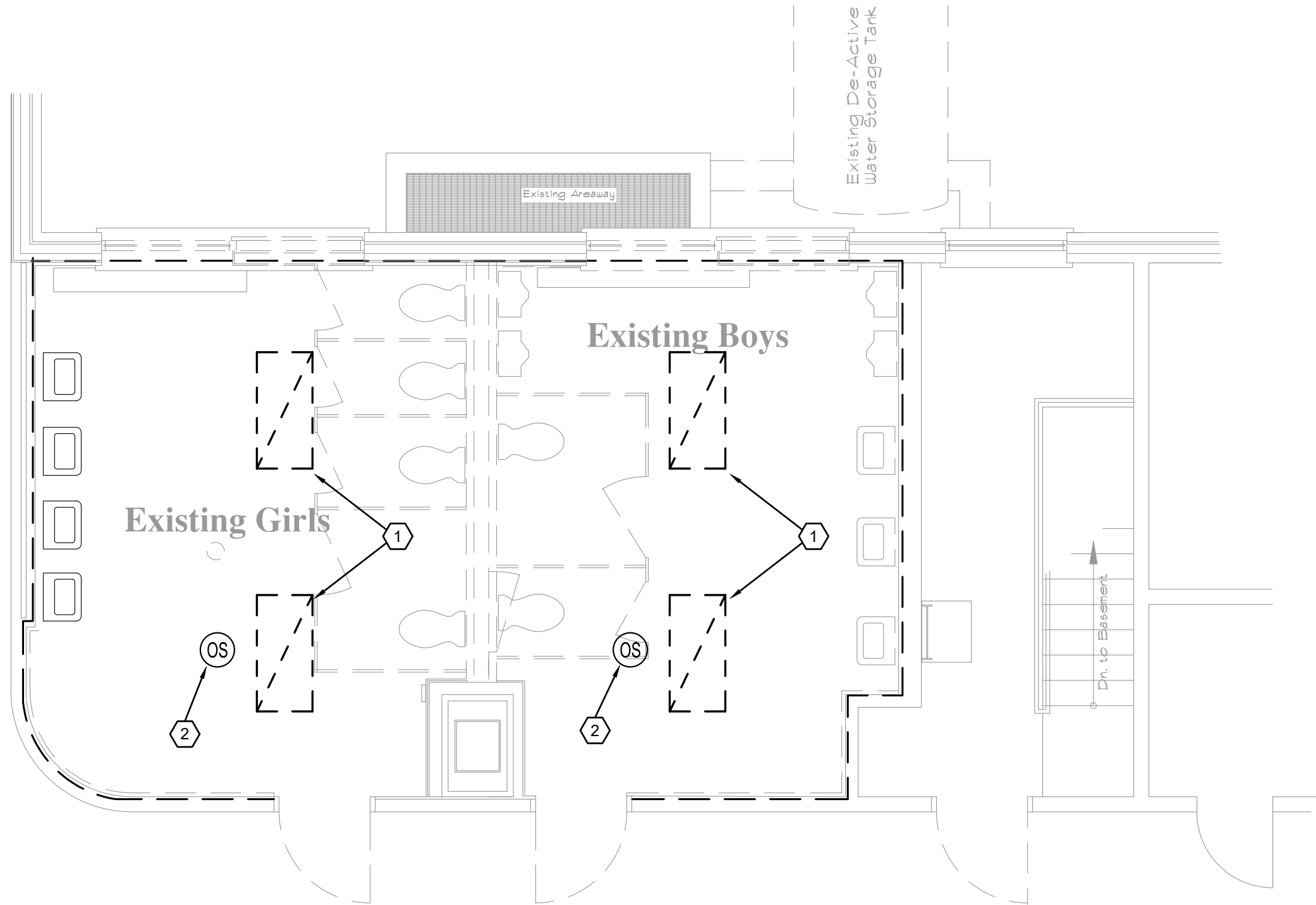
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2 FIRST FLOOR NEW WORK PART PLAN
E-1
SCALE: 1/4" = 1'-0"

ELECTRICAL LIGHTING NEW WORK NOTES:

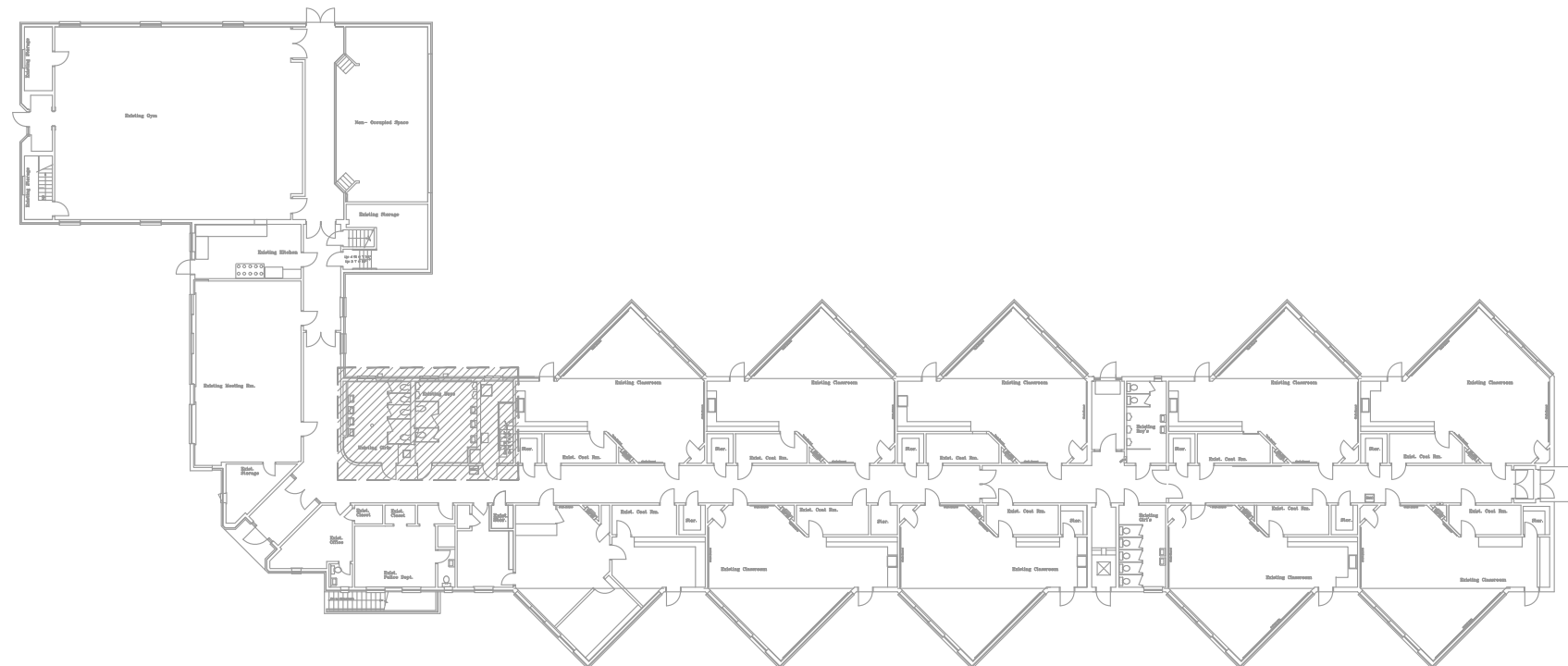
- 1 PROVIDE AND INSTALL NEW CEILING MOUNTED OCCUPANCY SENSOR: EQUAL TO CURRENT LIGHTING #OMNIDT2000BP1277. CONNECT TO UNSWITCHED LEG OF AREA LIGHTING CIRCUIT.
- 2 PROVIDE AND INSTALL LIGHTING FIXTURE TYPE 'AE': EQUAL TO COLUMBIA LIGHTING #LJT24-35-HLG-FS-A12-EU-ELL14, WITH EMERGENCY BATTERY PACK. CONNECT FIXTURE TO SWITCHED LEG (FROM OCCUPANCY SENSOR) FOR NORMAL LIGHTING CONTROL AND UNSWITCHED LEG FOR EMERGENCY LIGHTING CONTROL.)



1 FIRST FLOOR DEMOLITION PART PLAN
E-1
SCALE: 1/4" = 1'-0"

ELECTRICAL LIGHTING DEMOLITION NOTES:

- 1 DISCONNECT AND REMOVE LIGHTING FIXTURE AND ASSOCIATED CIRCUITING. RETAIN UNSWITCHED CIRCUIT FOR CONNECTION TO NEW LIGHTS.
- 2 DISCONNECT AND REMOVE CEILING MOUNTED OCCUPANCY SENSOR AND ASSOCIATED CIRCUITING.



Key Plan Main Level Floor

No Scale



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Community Center**
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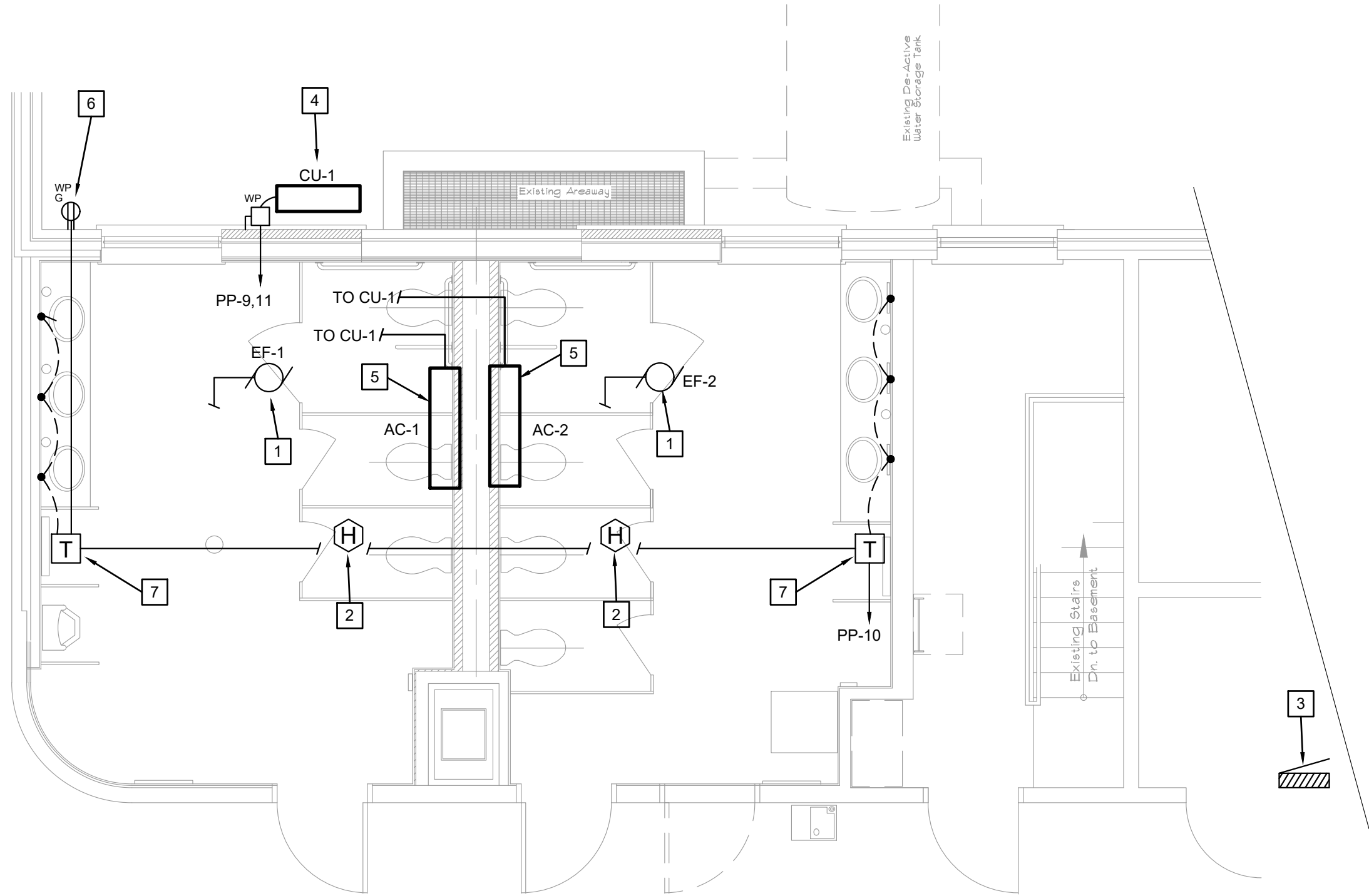
Plans
ELECTRICAL
LIGHTING
FLOOR PLANS

PROJECT NO.: 2022-10-22

SCALE:
AS NOTED
DRAWN BY:
DSL
CHECKED BY:
BJZ
DATE:
08/28/2025

E-1

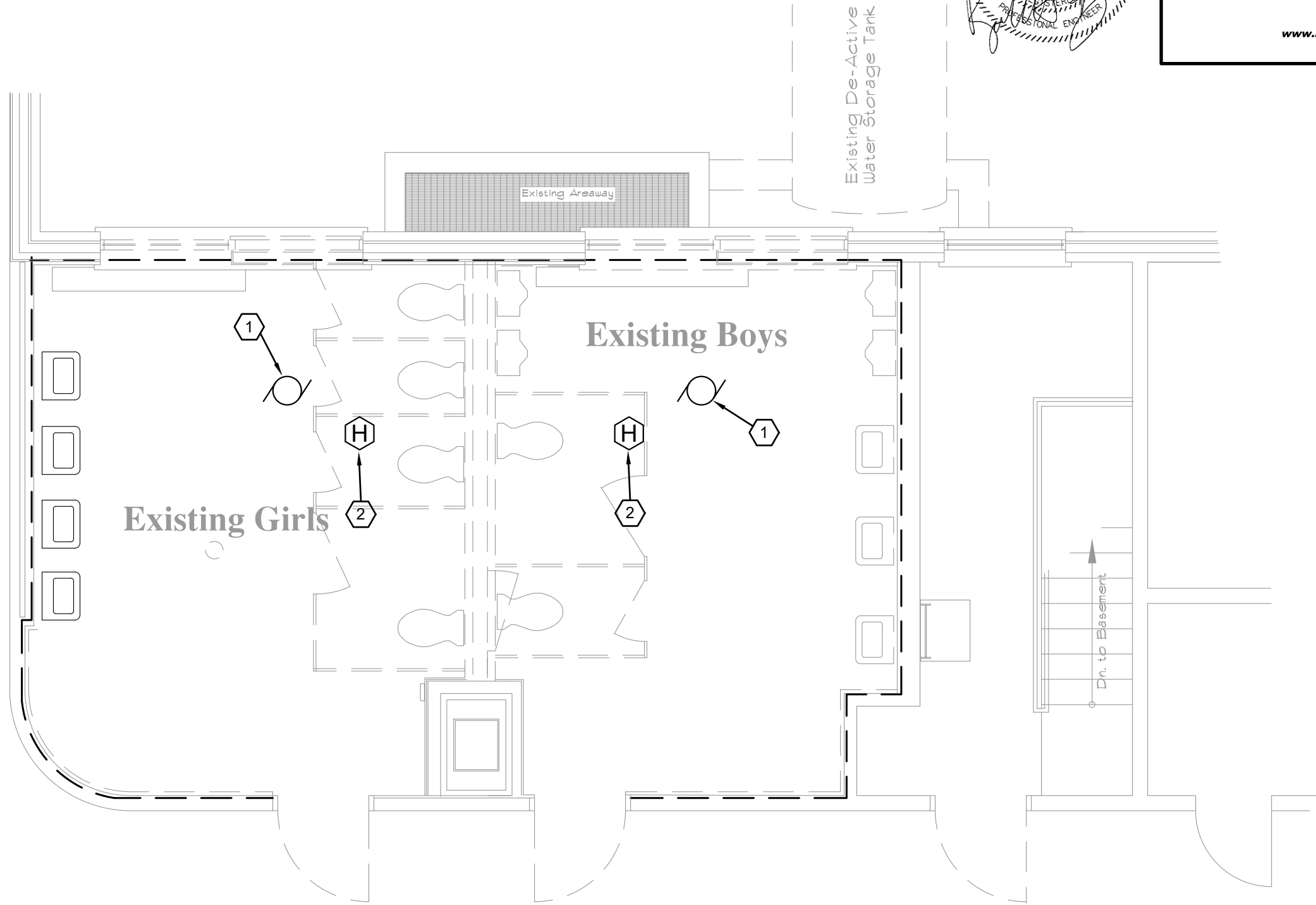
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2 FIRST FLOOR NEW WORK PART PLAN
SCALE: 1/4" = 1'-0"

ELECTRICAL POWER NEW WORK NOTES:

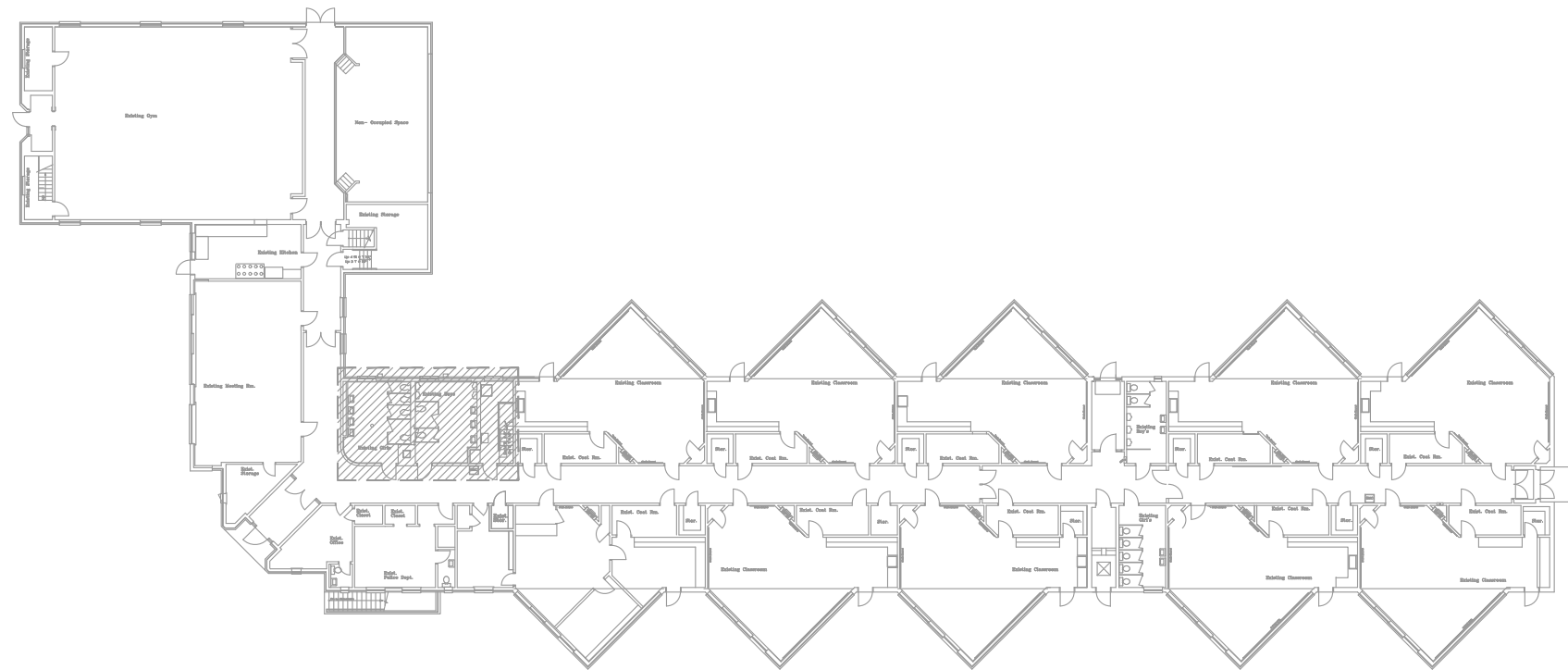
- 1 NEW EXHAUST FAN (SEE MECHANICAL DRAWINGS.) CONNECT TO SWITCHED LEG OF ROOM LIGHTING CIRCUIT.
- 2 REINSTALL EXISTING HEAT DETECTOR IN NEW CEILING, AND RECONNECT TO EXISTING CIRCUITING.
- 3 EXISTING PANEL "PP" TO REMAIN. PROVIDE AND INSTALL ONE (1) NEW 25A-2P AND ONE (1) NEW 20A-1P CIRCUIT BREAKER.
- 4 NEW HEAT PUMP OUTDOOR UNIT (SEE MECHANICAL DRAWINGS). ROUTE 2#10+10G-3/4"C TO NEW 25A-2P C/B IN PANEL "PP."
- 5 NEW HEAT PUMP INDOOR UNIT (TYP. OF 2 - SEE MECHANICAL DRAWINGS). ROUTE 3#14 INTERCONNECTING CABLE (PER MANUFACTURER'S REQUIREMENTS) TO OUTDOOR UNIT.
- 6 NEW WEATHER RESISTANT, TAMPER RESISTANT, GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE (NEMA 5-15R) WITH "IN-USE" COVER. CONNECT TO NEW 20A, 120V BATHROOM CIRCUIT.
- 7 PROVIDE AND INSTALL NEW ELECTRONIC FAUCET TRANSFORMER ABOVE CEILING (ONE PER BATHROOM) AND CONNECT (2#12+12G-3/4"C) TO NEW NEW 20A, 120V BATHROOM CIRCUIT. ROUTE 24V LOW VOLTAGE CABLE FROM TRANSFORMER TO THREE FAUCETS PER MANUFACTURER'S REQUIREMENTS. (COORDINATE w/DIVISION 22.)



1 FIRST FLOOR DEMOLITION PART PLAN
SCALE: 1/4" = 1'-0"

ELECTRICAL POWER DEMOLITION NOTES:

- 1 DISCONNECT AND REMOVE EXHAUST FAN CIRCUITING.
- 2 DISCONNECT AND REMOVE EXISTING HEAT DETECTOR. EXISTING CIRCUITING TO REMAIN. RETAIN DETECTOR FOR REINSTALLATION IN NEW CEILING.



Key Plan Main Level Floor

No Scale



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Plans
ELECTRICAL
POWER FLOOR
PLANS

PROJECT NO: 2022-10-22

SCALE:
AS NOTED
DRAWN BY:
DSL
CHECKED BY:
BJZ
DATE:
08/28/2025

E-2

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