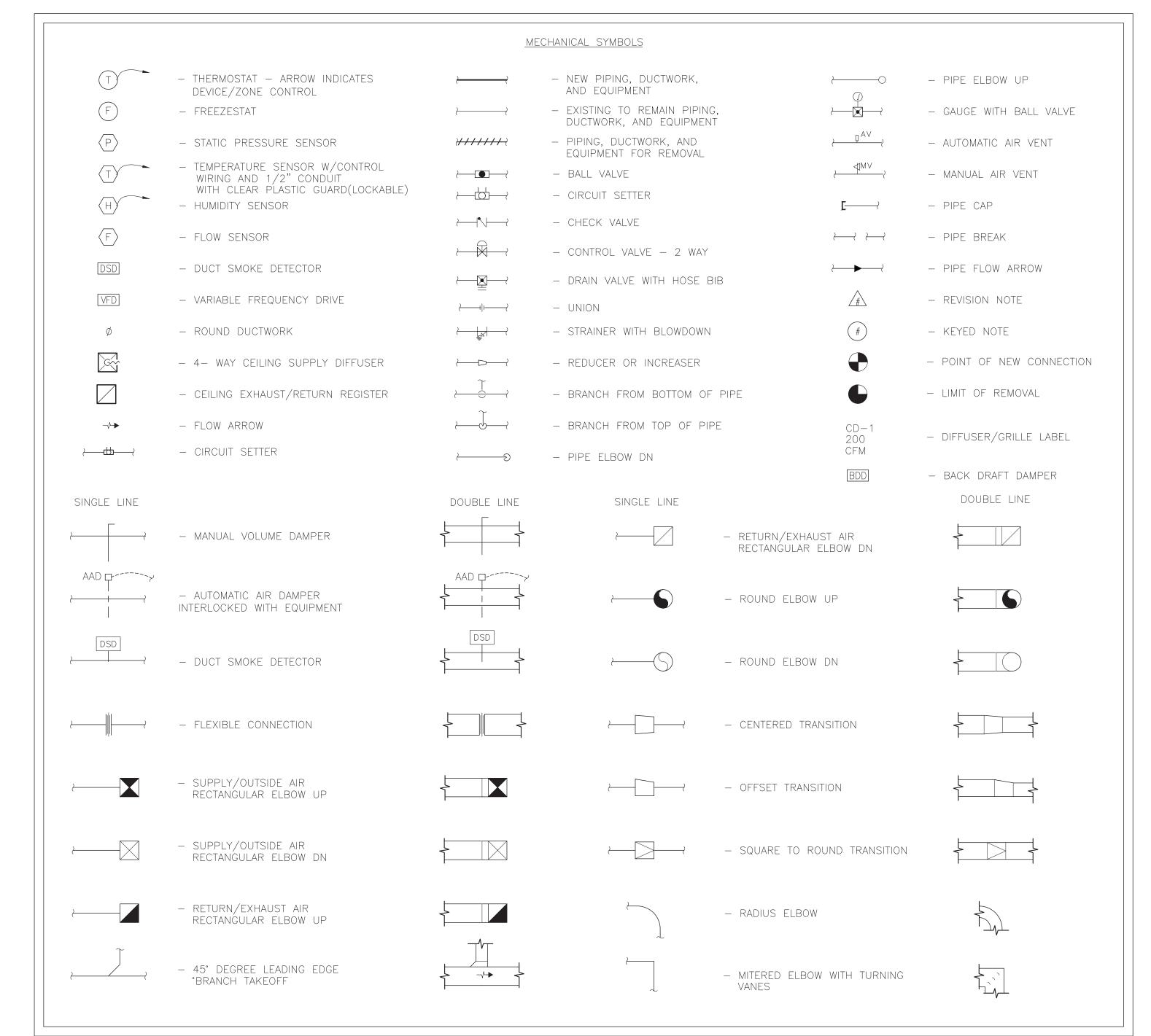
- DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. IT IS NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, FITTING OR COMPONENT; HOWEVER, CONTRACT DOCUMENTS REQUIRE COMPONENTS AND MATERIALS WHETHER OR NOT INDICATED OR SPECIFICALLY SPECIFIED TO MAKE THE SYSTEMS BEING INSTALLED COMPLETE, CODE COMPLIANT, TESTED AND OPERATIONAL.
- . CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS, DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.
- 3. ALL MATERIALS, EQUIPMENT, METHODS OF INSTALLATION, REMOVALS AND DISPOSAL SHALL BE IN ACCORDANCE WITH THE STANDARDS, REGULATIONS, CODES, ORDINANCES, AND LAWS OF LOCAL, STATE, AND FEDERAL GOVERNMENTS, AND OTHER AUTHORITIES THAT HAVE LAWFUL JURISDICTION.
- 4. PERFORM WORK, PROVIDE MATERIALS AND EQUIPMENT FOR SYSTEMS SHOWN, SPECIFIED AND DESCRIBED ON DRAWINGS. COMPLETELY COORDINATE ALL TRADES OF THIS CONTRACT AND PROVIDE COMPLETE AND FULLY FUNCTIONAL INSTALLATION. ALL WORK IN THIS SET TO BE COMPLETED UNDER THIS CONTRACT, UNLESS OTHERWISE INDICATED.
- 5. PROTECT ALL EXISTING AND NEW BUILDING ELEMENTS (INSTALLED BY OTHER CONTRACTS) FROM DAMAGE. CONTRACTOR SHALL RESTORE ALL DAMAGED ELEMENTS TO ORIGINAL OR BETTER CONDITION.
- 6. WORK SHALL BE EXECUTED IN A WORKMANLIKE MANNER AND SHALL PRESENT NEAT, RECTILINEAR APPEARANCE WHEN COMPLETED. MAINTAIN MAXIMUM HEAD ROOM AT ALL TIMES. DO NOT RUN PIPES, DUCTS, AND CONDUIT EXPOSED UNLESS SHOWN AND NOTED TO BE EXPOSED ON DRAWINGS.
- MATERIALS AND EQUIPMENT SHALL BE NEW AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. MAINTAIN MANUFACTURER'S EQUIPMENT CLEARANCES.
- 8. CONTRACTOR IS RESPONSIBLE FOR ALL WORK RELATED TO ISOLATING, SHUTTING DOWN, DRAINING, FILLING AND TESTING SYSTEMS TO ALLOW FOR COMPLETION OF WORK. INTERRUPTIONS TO EXISTING SERVICES AND SYSTEMS SHALL BE AS SHORT AS POSSIBLE AND AT A TIME AND DURATION APPROVED BY THE OWNER AND UTILITY AS APPLICABLE. INCLUDE ALL PREMIUM TIME ASSOCIATED WITH INTERRUPTIONS. ALL SYSTEM INTERRUPTIONS SHALL BE SCHEDULED WITH OWNER, UTILITY AND COORDINATED WITH OTHER TRADE WORK.
- 9. ALL EQUIPMENT PIPING, WIRING, INSULATION ETC. INSTALLED IN HVAC AIR PLENUM SPACES SHALL MEET CODE REQUIREMENTS FOR SMOKE AND COMBUSTIBILITY.
- 10. SEAL ALL PENETRATIONS THROUGH FIRE RATED WALLS, PARTITIONS FIRE RATING OF ASSEMBLY.
- 1. COORDINATE ALL WALL/FOUNDATION PENETRATIONS WITH GENERAL CONTRACT AND SEAL WEATHERTIGHT. PROVIDE STAINLESS STEEL ESCUTCHEON PLATE/TRIM RING FOR EACH ABOVE GRADE PENETRATION (BOTH SIDES).
- 12. PROVIDE PROPER ACCESS TO EQUIPMENT THAT REQUIRES INSPECTION, REPLACEMENT OR REPAIR. ACCESS PANELS/DOORS SHALL BE A MINIMUM OF 12"x12", UNLESS OTHERWISE NOTED.
- 13. DO NOT SUPPORT EQUIPMENT FROM SUSPENDED CEILINGS. ALL SUPPORT SHALL BE FROM BUILDING STRUCTURE OR FROM CEILING SUSPENSION SYSTEM WHICH HAS BEEN REINFORCED. SUPPORTS SHALL BE SELECTED AND INSTALLED TO PROVIDE A VIBRATION FREE INSTALLATION.
- 14. CLEANING DURING MECHANICAL WORK: THE MECHANICAL ROOM AND ROOMS WHERE WORK WILL BE DONE TO MINIMIZE DISTURBANCE IN THE BUILDINGS. WORKERS ARE TO USE PATHWAYS AND FACILITIES AGREED UPON WITH THE DISTRICT DESIGNEE IN WRITING. THE AREA OUTSIDE THE BUILDING WHERE CUTTING WELDING OR STORAGE IS ALLOWED IS TO BE FENCED AT ALL TIMES. THE CONTRACTOR WILL ON A DAILY BASIS CLEAN THE GROUNDS AND THE BUILDING OF ANY DEBRIS OR GARBAGE GENERATED BY THEIR WORK.
- 15. AIR CONDITIONER INSTALLATION TO BE COORDINATED WITH ARCHITECTURAL DRAWINGS.
- 16. VFDS ARE TO BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.

HVAC REMOVAL NOTES:

- THE SCOPE OF REMOVAL SHOWN ON "REMOVALS" DRAWING IS DIAGRAMMATIC ONLY AND INDICATES THE INTENT OF THE WORK TO BE PERFORMED AND NOT THE COMPLETE SCOPE OF DEMOLITION AND/OR REMOVAL WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE OR RELOCATE ANY RELATED MECHANICAL DEVICES/ITEMS EVEN IF NOT SPECIFICALLY INDICATED TO BE REMOVED ON THESE DRAWINGS IN ORDER TO ACCOMODATE NEW WORK.
- EQUIPMENT/ITEMS SHOWN CROSS HATCHED ON DRAWINGS ARE ITEMS TO BE REMOVED. ANY DEVICES/ITEMS REMOVED SHALL INCLUDE (BUT SHALL NOT BE LIMITED TO) THE REMOVAL OF ALL ASSOCIATED PIPING, CONTROLS, ETC. THAT ARE NOT INCORPORATED IN THE NEW LAYOUT. THE CONTRACTOR SHALL PERFORM ALL WORK REQUIRED TO INSURE CONTINUITY OF SERVICE TO EXISTING REMAINING EQUIPMENT. NO EXTRAS RELATING TO THE SCOPE OF WORK DESCRIBED WILL BE
- EQUIPMENT, PIPING, ETC. REQUIRED TO RECONNECT SHALL BE INSTALLED CONCEALED WITHIN THE SUSPENDED CEILINGS, PARTITIONS AND/OR WALLS, FLOORS. NO SURFACE MOUNTED OR EXPOSED EQUIPMENT, PIPING, ETC., SHALL BE PERMITTED, UNLESS SPECIFICALLY INDICATED.
- ALL ITEMS TO BE REMOVED SHALL BE REVIEWED WITH THE OWNER PRIOR TO REMOVAL. OWNER SHALL HAVE FIRST SALVAGE RIGHTS. ITEMS THE OWNER WISHES TO KEEP SHALL BE REMOVED WITH CARE AND STORED AS DIRECTED BY OWNER. ITEMS THE OWNER DOES NOT WISH TO KEEP SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.



SPECIALIZED INSPECTIONS NOTE:

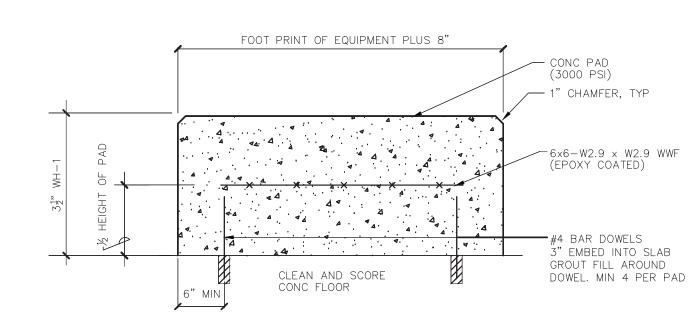
. ORGANIZATION/ SOLICITATION OF SPECIAL INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE DISTRICT.

CONTRACTORS' COORDINATION NOTE:

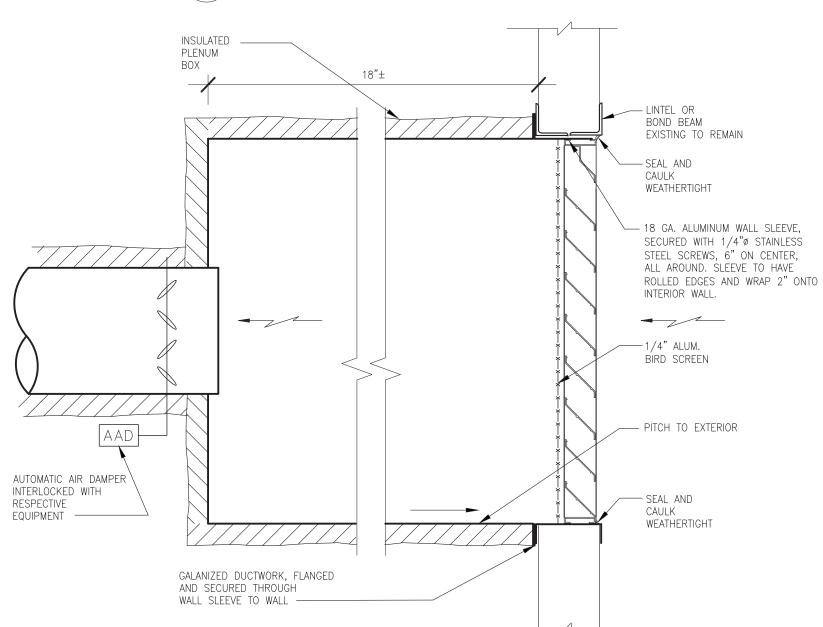
ALL CONTRACTORS ARE REQUIRED TO REVIEW THE CONTRACT DRAWINGS FOR ALL TRADES AND DETERMINE NECESSARY COORDINATION BETWEEN TRADES PRIOR TO BIDDING. ANY DISCREPANCIES, COMMENTS, OR QUESTIONS ARE TO BE SUBMITTED TO THE ENGINEER BY RFI.

DAMAGE TO WALLS AND/OR CEILINGS DURING YOUR SCHEDULED WORK

- 1. CONTRACTORS NOT TO DAMAGE EXISTING WALLS THAT ARE TO REMAIN. THIS INCLUDES WALLS WHERE ONLY A PORTION OR SIDE OF THE WALL IS TO REMAIN AND THE OTHER SIDE OF WALLS IS TO BE MODIFIED OR REPLACED. CONTRACTOR IS RESPONSIBLE FOR REPAIR TO DAMAGE WALLS AND TO ANY PORTION OF WALLS THAT ARE EXISTING TO REMAIN, EVEN IF NOT SPECIFICALLY MARKED AS
- CONTRACTOR IS RESPONSIBLE FOR REPAIR TO DAMAGE CEILINGS AND TO ANY PORTION OF CEILINGS THAT ARE EXISTING TO REMAIN, EVEN IF NOT SPECIFICALLY MARKED AS SUCH

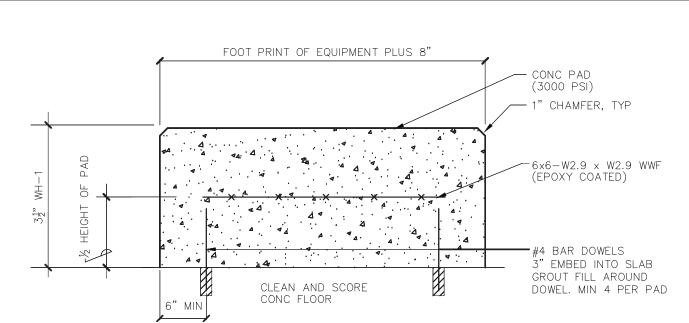


CONCRETE PAD DETAIL SCALE: NONE



ADJACENT SURFACE WHERE EXPOSED TO VIEW.

LOUVER DETAIL SCALE: NONE



ROLLED EDGES AND WRAP 2" ONTO

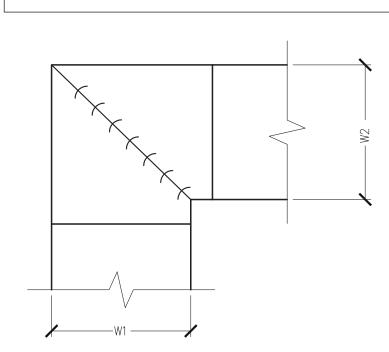
1. ALL HARDWARE SHALL BE CORROSION RESISTANT AND HAVE FINISH TO MATCH 2. PROVIDE LOUVER NOTED ON ARCH DRAWINGS OR APPROVED EQUAL. MUST ALLOW PROPER OUTDOOR AIR AND RELIEF AIR FLOW.

ACCESS DOOR AIR HANDLING UNIT AMPERAGE BACKDRAFT DAMPER BRAKE HORSEPOWER BUILDING MANAGEMENT SYSTEM BRITISH THERMAL UNIT CUBIC FEET PER MINUTE CABINET HEATER CEILING CONDENSATE DRYBULB TEMPERATURE DIRECT DIGITAL CONTROL (SYSTEM) DEGREE DIA DIAMETER DOWN DEWPOINT TEMPERATURE DIRECT EXPANSION EXHAUST AIR ENTERING AIR TEMPERATURE EXHAUST FAN EFFICIENCY EXHAUST GRILLE EXTERNAL STATIC PRESSURE EXHAUST FAHRENHEIT FIRE DAMPER FINAL FILTER FLR FLOOR FPM FEET PER MINUTE FSTAT FREEZESTAT FEET FEET OF HEAD FT WG FEET OF WATER GAUGE FACE VELOCITY GALLON GALLONS PER MINUTE HEAD HORSEPOWER MIXED AIR TEMPERATURE MAKE-UP AIR UNIT 1,000 BTU/HR MINIMUM BRANCH CIRCUIT AMPACITY OUTSIDE AIR OUTSIDE AIR INTAKE PRESSURE DROP REMOVE RETURN AIR REFRIGERANT LIQUID REVOLUTIONS PER MINUTE REFRIGERANT SUCTION SATISFACTORY SUPPLY AIR TEMPERATURE SENSIBLE HEAT SPECIFIC GRAVITY STATIC PRESSURE TESTING, ADJUSTING, BALANCE THERMOSTAT TSTAT TYPICAL VOLUME DAMPER WETBULB WATER GAUGE HEAT PUMP TEMPERATURE DIFFERENCE

HVAC ABBREVIATIONS

AUTOMATIC AIR DAMPER

ACCU AIR COOLED CONDENSING UNIT



NOTES:

- 1. ALL VANE ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY SMACNA.
- 2. WHEN W1 DOES NOT EQUAL W2 VANE SHALL BE SINGLE THICKNESS VANE TYPE REGARDLESS OF W DIMENSION.
- 3. ALL SINGLE THICKNESS VANES SHALL HAVE A 2" RADIUS, 11/2" MAXIMUM SPACE BETWEEN VANES AND A 3/4" TRAILING
- 4. WHEN W1 EQUALS W2 AND W1 IS GREATER THAN 20" VANES SHALL BE DOUBLE VANES TYPE.

DUCTWORK SQUARE VANE ELBOWS DETAIL

SCALE- NONE SCALE: NONE

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ENGINEER STAMP:



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E&R PROJECT NO. Y19MLK01 LYPS NO. 10875 11.22.2022 % | S.E.D. ADDENDUM /1 \ 11.29.2021 S.E.D. SUBMISSION 04.09.2021 REVISION DATE 11.22.2022 DRAWN BY

CHECKED BY 30"x42" SHEET SIZE AS SHOWN SCALE

SHEET TITLE **ABBREVIATIONS** AND SYMBOLS

SHEET NO.

KEYED NOTES — DEMOLITION:

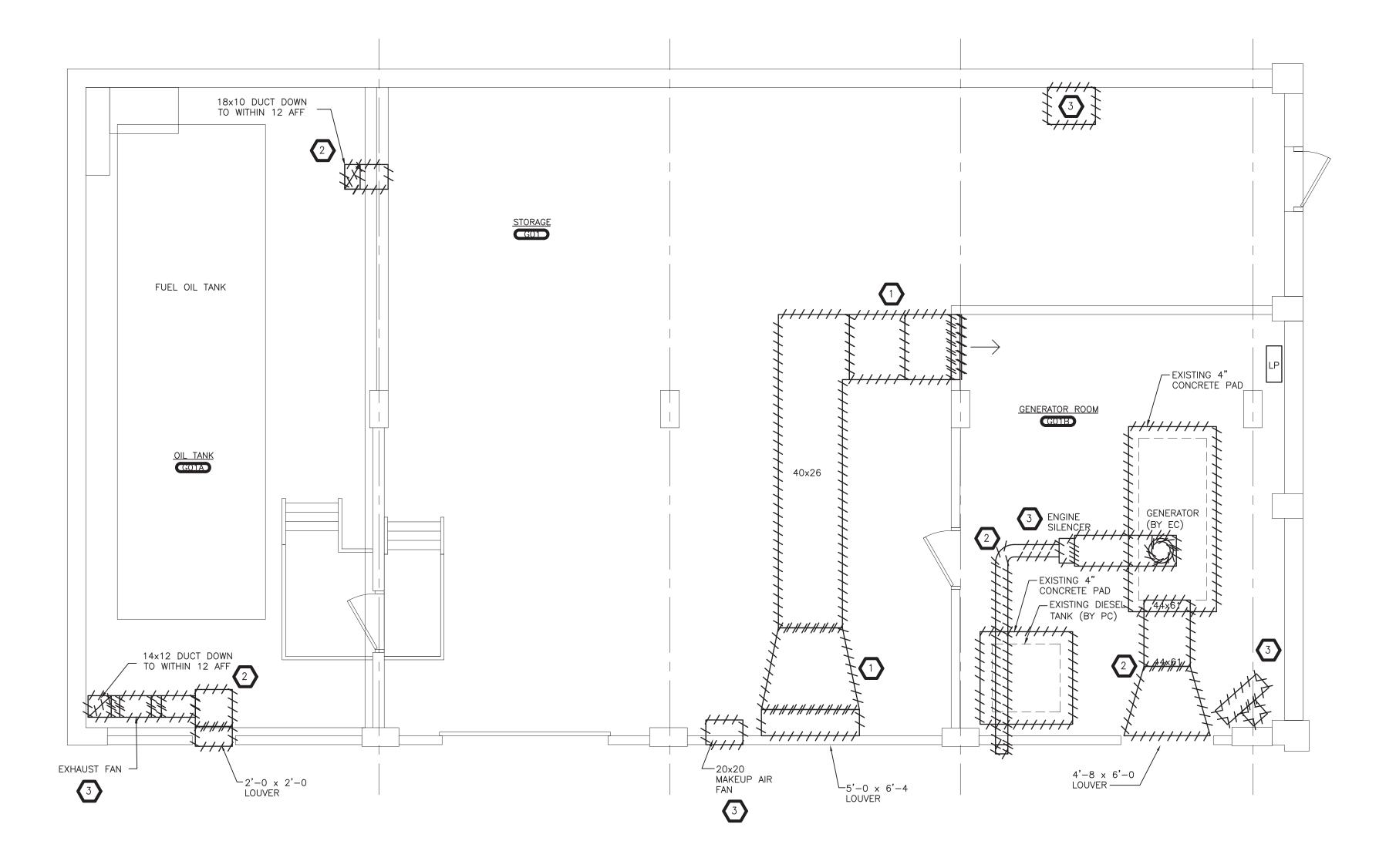
- REMOVE EXISTING DUCTWORK, INSECT SCREENS, AND HANGERS. LOUVERS IN EXTERIOR WALLS TO REMAIN. PROVIDE TEMPORARY COVERINGS TO LOUVERS AND PENETRATIONS. ANY EXISTING DAMPERS, DUCT DETECTORS, AND ASSOCIATED CONTROLS ARE TO BE REMOVED. REMOVE INSULATION AND FIRESTOPPING.
- REMOVE EXISTING DUCTWORK AND ASSOCIATED AND STORE IN OWNER SPECIFIED LOCATION FOR NECESSARY MODIFICATION AND LATER REINSTALLATION.
- REMOVE EXISTING UNIT HEATER, FANS, ENGINE SILENCER, AND EQUIPMENT ALONG WITH ANY ASSOCIATED CASING, SUPPORTS, AND CONTROLS. SAFELY STORE IN OWNER—SELECTED LOCATION FOR LATER REINSTALLATION.

KEYED NOTES - NEW WORK:

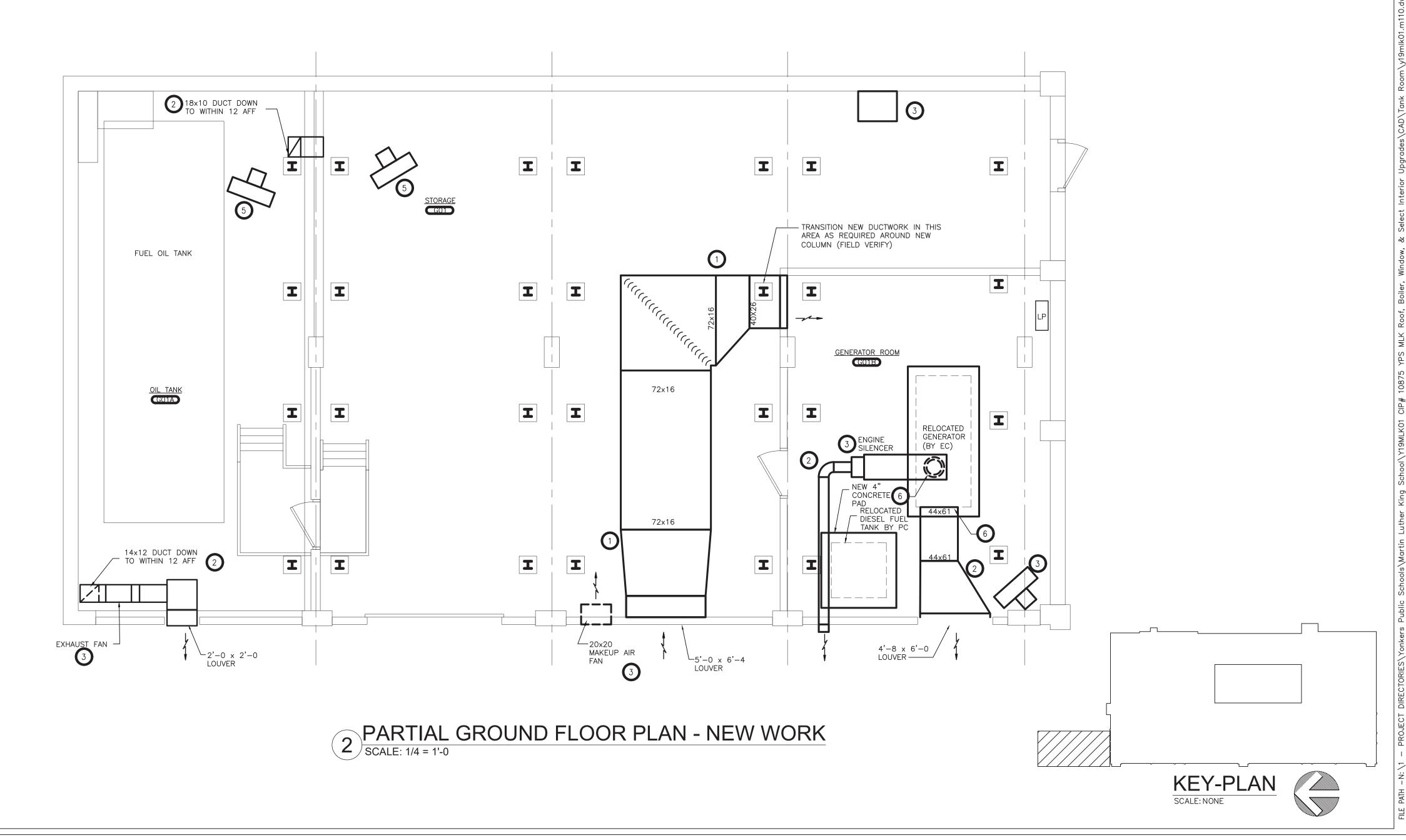
- PROVIDE NEW DUCTWORK AS SHOWN. PROVIDE ASSOCIATED SUPPORTS. PROVIDE INSECT SCREENS AT EXTERIOR WALL PENETRATIONS. FINAL DUCTWORK LAYOUT AND SIZING TO BE DICTATED BY FIELD CONDITIONS AND NEW STRUCTURAL COMPONENTS. TRANSITION DUCTWORK AS NECESSARY TO RECONNECT TO EXISTING EXTERIOR LOUVERS. NEW DUCTWORK SHALL MAINTAIN SAME AFF HEIGHT AS EXISTING WITHIN REASON.
- REINSTALL EXISTING DUCTWORK. PROVIDE TRANSITIONS AND MODIFY AS NECESSARY TO RECONNECT TO EXISTING EXTERIOR LOUVERS, PENETRATIONS, RELOCATED EQUIPMENT, ETC.
- REINSTALL UNIT HEATER, FANS AND EQUIPMENT, CONTROLS, DUCT DETECTORS, DAMPERS, AND ASSOCIATED INTO DUCTWORK, PROVIDE TRANSITIONS TO CONNECT TO NEW DUCT SIZING WHEN APPLICABLE.
- ALL DUCTWORK TO BE MADE AIR TIGHT. PENETRATIONS TO THE EXTERIOR TO BE RE-WEATHERPROOFED. ALL PENETRATIONS IN INTERIOR WALLS TO BE FIRESTOPPED.
- PROVIDE NEW ELECTRIC UNIT HEATER MODINE MODEL 100- 208-1PHASE WITH ALL APPURTENANCES. HANG FROM STRUCTURE ABOVE.

 34 CONDUIT WITH 2-#10 WITH 1-#10 GRD TO LOCAL PANEL LP. WIRING BY EC
- 6 PROVIDE NEW DUCTWORK FLEX CONNECTIONS.

NOTE: MAKE NECESSARY ADJUSTMENTS WHEN REINSTALLING EQUIPMENT, FANS, ETC.
SEE P-110 REGARDING STARTUP AND TESTING OF BOILERS AFTER PLUMBING WORK HAS CONCLUDED.



PARTIAL REFLECTED CEILING PLAN - DEMOLITION SCALE: 1/4 = 1'-0



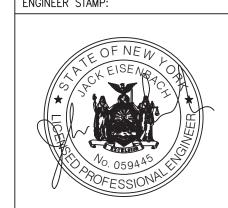




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E&R PROJECT NO. Y19MLK01

YPS NO. 10875

BID SET 11.22.2022

S.E.D. ADDENDUM 1 S.E.D. SUBMISSION DATE

DATE 11.22.2022

DRAWN BY

CHECKED BY

SHEET SIZE 30"x42"

SCALE AS SHOWN
SHEET TITLE
PARTIAL GROUND
FLOOR PLAN - TANK

FLOOR PLAN - TANK ROOM - DEMOLITION AND NEW WORK

SHEET NO.

M-110