

POWER LEGEND

---	RACEWAY IN WALL OR ABOVE CEILING
- - - -	RACEWAY IN OR BELOW FLOOR
B-4	HOMERUN: LETTER(S) DENOTES PANEL NAME, NUMBER DENOTES CIRCUIT NUMBER
A	DENOTES DEVICE MOUNTED ABOVE COUNTER
WP	DENOTES WEATHERPROOF DEVICE
GF/GFCI	DENOTES GROUND FAULT INTERRUPTING DEVICE
⊕	DUPLEX RECEPTACLE
⊕	QUADRUPLEX RECEPTACLE
⊕	ISOLATED GROUND DUPLEX RECEPTACLE
⊕	ISOLATED GROUND QUADRUPLEX RECEPTACLE
⊕	FLOOR DUPLEX RECEPTACLE
⊕	FLOOR ISOLATED GROUND DUPLEX RECEPTACLE
⊕	FLOOR QUADRUPLEX RECEPTACLE
⊕	FLOOR ISOLATED GROUND QUADRUPLEX RECEPTACLE
⊕	CEILING MOUNTED DUPLEX RECEPTACLE
⊕	CEILING MOUNTED QUADRUPLEX RECEPTACLE
○	USB RECEPTACLE
⊕	USB DUPLEX COMBO RECEPTACLE
⊕	USB QUADRUPLEX COMBO RECEPTACLE
⊕	ISOLATED GROUND USB DUPLEX COMBO RECEPTACLE
⊕	ISOLATED GROUND USB QUAD COMBO RECEPTACLE
⊕	120V, SIMPLEX RECEPTACLE
⊕	250V, SINGLE PHASE, 3 WIRE GROUNDED RECEPTACLE (NUMBER INDICATES AMPERAGE RATING)
⊕	THREE PHASE RECEPTACLE (NUMBER DENOTES AMPERAGE RATING)
○	CEILING JUNCTION BOX
○	WALL JUNCTION BOX
---	POWER/DATA SURFACE RACEWAY
⊕	POWER/DATA POWER POLE
⊕	CONTROL DEVICE
⊕	SCOREBOARD FLUSH FLOOR BOX
⊕	MOTOR CONNECTION
⊕	MOTOR STARTER
⊕	DISCONNECT SWITCH
⊕	DISCONNECT SWITCH - FUSED
⊕	480V PANELBOARD
⊕	208V PANELBOARD
⊕	DISTRIBUTION PANELBOARD
⊕	DRY-TYPE TRANSFORMER
RISER DIAGRAM LEGEND	
⊕	TRANSFORMER
⊕	METER
⊕	GROUND CONNECTION
⊕	CIRCUIT BREAKER
⊕	DRAW-OUT CIRCUIT BREAKER
⊕	FUSED SWITCH
⊕	NON-FUSED DISCONNECT
⊕	AUTOMATIC TRANSFER SWITCH
⊕	GENERATOR
⊕	HEATER CONNECTION

GENERAL POWER NOTES:

- ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE AND LOCAL CODES, RULES, REGULATIONS AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
- ALL WORK SHALL COMPLY WITH THE BUILDING OWNER'S CONSTRUCTION GUIDELINES.
- ALL CIRCUITS SHOWN SHALL BE 120V, 20A CIRCUITS UNLESS NOTED OTHERWISE.
- ALL CONDUCTORS SHALL BE #12 AWG UNLESS NOTED OTHERWISE.
- ALL 120V RUNS LONGER THAN 60' SHALL BE #10 AWG UNLESS NOTED OTHERWISE ON THE PLANS.
- ALL CONDUCTORS SHALL BE COPPER (#10 AND SMALLER SHALL BE SOLID).
- WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT CONDUCTOR SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS NOTED OTHERWISE.
- PANELBOARD DIRECTIONS SHALL BE COMPLETELY FILLED OUT TO ACCURATELY IDENTIFY EACH CIRCUIT (EXISTING AND NEW CIRCUITS) IN ALL PANELS WITHIN SCOPE OF WORK. DIRECTIONS SHALL BE TYPEWRITTEN.
- ALL RECEPTACLES MOUNTED OUTSIDE THE BUILDING SHALL HAVE GROUND FAULT CIRCUIT INTERRUPTER(GFCI) PROTECTION.
- ELECTRIC CONNECTIONS TO PANELBOARDS SHALL BE MADE ONLY WHEN PANELBOARD HAS BEEN DE-ENERGIZED.
- ALL ELECTRICAL PANELS AND TRANSFORMERS SHALL HAVE PERMANENT ENGRAVED LABELS ON COVER INDICATING PANEL OR TRANSFORMER DESIGNATION.
- CIRCUIT NUMBERS SHOWN ARE FOR LOCATION AND QUANTITY ONLY. VERIFY EXACT NUMBERS IN THE FIELD.
- EACH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL CONNECTED BACK TO THE PANEL.
- PANT ALL EXPOSED CONDUIT TO MATCH EXISTING PAINT COLOR IN THAT AREA. COORDINATE WITH ARCHITECTURAL FINISHES PRIOR TO FINAL ROUGH IN.

GENERAL ELECTRICAL DEMOLITION NOTES:

- THE INFORMATION ON THE DEMOLITION DRAWINGS ARE NOT FROM "AS-BUILT" DRAWINGS BUT FROM ORIGINAL DRAWINGS. THIS INFORMATION IS INCLUDED FOR REFERENCE ONLY. CONTRACTOR WILL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO SUBMITTING A BID TO DETERMINE THE AMOUNT OF WORK THAT WILL BE REQUIRED. CONTRACTOR SHALL EXAMINE THE EXISTING BUILDING AND GENERALLY VERIFY THE LOCATION OF ALL EXISTING WORK AND BECOME INFORMED AS TO THE RELATION TO AND EFFECT ON THE WORK REQUIRED BEFORE SUBMITTING A BID. SUBMISSION OF A BID WILL CONSTITUTE EVIDENCE THAT THE CONTRACTOR HAS INSPECTED THE SITE OF THE PROPOSED WORK.
- REMOVE ALL EXISTING FIXTURES, WIRING DEVICES, ELECTRICAL EQUIPMENT AND CIRCUITING, WHETHER SPECIFICALLY INDICATED OR NOT, AS REQUIRED DUE TO THE ARCHITECTURAL AND MEP DEMOLITION WORK IN THE AREA TO BE REMOVED. ALL EQUIPMENT THAT HAS BEEN REMOVED AND IS NOT REUSED SHALL BE RETURNED TO THE OWNER, OR DISPOSED OF AS DIRECTED BY THE OWNER'S REPRESENTATIVE. VERIFY DISPOSAL OF ANY MAJOR ELECTRICAL EQUIPMENT ITEMS SUCH AS PANELS, TRANSFORMERS AND FIXTURES WITH OWNER'S REPRESENTATIVE AND ELECTRICAL ENGINEER.
- COORDINATE DEMOLITION WORK WITH THE BUILDING MAINTENANCE PERSONNEL AND OTHER TRADES PERFORMING WORK IN THE BUILDING PRIOR TO THE REMOVAL OF ANY ITEMS OF EQUIPMENT OR SYSTEMS THAT WILL AFFECT OTHER SYSTEMS WITHIN THE LIMIT OF NEW CONSTRUCTION OR OTHER AREAS OF THE BUILDING. CONTRACTOR SHALL VERIFY WITH THE OWNER IF THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION, AND THEREFORE, UTILITIES MUST REMAIN IN OPERATION AT ALL TIMES. ANY REQUIRED OUTAGES MUST BE COORDINATED WITH THE OWNER.
- PRIOR TO THE REMOVAL OF ANY MEP ITEMS OF EQUIPMENT, CONTRACTOR MUST VERIFY THE ORIGIN AND TERMINATION OF THOSE SYSTEMS AND CONFIRM THAT THE ITEMS BEING REMOVED DO NOT SERVE ANY ITEMS THAT ARE TO REMAIN (INCLUDING THOSE IN AREAS OUTSIDE THE CONTRACT LIMITS).
- MODIFY AND RECONNECT THE EXISTING ELECTRICAL EQUIPMENT AS REQUIRED TO REMAIN, AND NOT AFFECTED BY THE NEW CONSTRUCTION, TO ENSURE THE FINAL SYSTEM WILL FUNCTION IN A SAFE MANNER ACCEPTABLE TO AUTHORITIES.
- DO NOT ABANDON ANY ITEMS IN PLACE. REMOVE ALL COMPONENTS ASSOCIATED WITH EACH ITEM CALLED OUT TO BE REMOVED.
- RECONNECT CIRCUITING AS REQUIRED TO MAINTAIN CONTINUITY TO REMAINING OUTLETS WHEN EXISTING FIXTURES AND DEVICES ARE REMOVED. CONSOLIDATE PARTIALLY LOADED CONVENIENCE RECEPTACLE CIRCUITS TO MAXIMIZE SPACE MADE AVAILABLE AT THE PANELBOARD. TRACE CONSOLIDATED CIRCUITS TO VERIFY THAT THE TOTAL LOAD DOES NOT EXCEED 1920 VOLT AMPERES.
- PROVIDE EXTENSION RINGS, COVER PLATES OR ACCESS DOORS AS NECESSARY TO MAINTAIN ACCESS TO EXISTING WIRING, WHERE REQUIRED BY NEW CONSTRUCTION. ALL ACCESS DOOR LOCATIONS SHALL BE REVIEWED BY ARCHITECT PRIOR TO INSTALLATION.
- PROVIDE BLANK COVER PLATES ON JUNCTION BOXES WHICH ARE NOT REUSED.
- PROVIDE TYPE AND SIZE OF CONDUCTORS TO MATCH EXISTING FOR EXISTING CIRCUITS WHICH ARE EXTENDED TO SERVE NEW OR RELOCATED DEVICES OR FIXTURES.
- REMOVE ALL UNUSED CONDUITS AND WIRING, SWITCHES, RECEPTACLES, LIGHT FIXTURES, ETC., WHERE CEILING, CEILING TILES OR WALLS ARE BEING DEMOLISHED EXCEPT AS FOLLOWS: WHERE WALLS AND CEILING ARE TO REMAIN, MAINTAIN EXISTING CONDUIT, WIRING AND BOXES SERVING ALL ELECTRICAL EQUIPMENT, OUTLETS AND SWITCHES IN THOSE AREAS. REMOVE ALL POWER WIRING BACK TO ITS OVERCURRENT DEVICE AND MARK CIRCUIT BREAKERS AS "SPARE." INSTALL BLANK COVERS ON ALL BOXES. REFER TO DRAWINGS FOR ADDITIONAL REQUIREMENTS AND OTHER SPECIFIC EXCEPTIONS.
- COORDINATE ALL DEMOLITION WORK WITH NEW REQUIREMENTS TO COORDINATE ALL DEMOLITION WORK WITH NEW REQUIREMENTS TO ASSURE THAT EXISTING EQUIPMENT, WIRING, ETC., THAT IS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM IS NOT REMOVED.
- THE CONTRACTOR SHALL INCLUDE IN HIS BID ALL MATERIALS AND LABOR REQUIRED FOR THE EXTENSION, REROUTING AND RELOCATION OF EXISTING SYSTEM COMPONENTS, EQUIPMENT, WIRING, CONDUITS, AND CABLING, SO AS TO MAINTAIN OPERATION OF ALL SYSTEMS THROUGHOUT THE OCCUPIED AREAS OF THE BUILDING DURING THE DEMOLITION.
- EXISTING RACEWAYS MAY BE REUSED, IF IN PLACE, WHERE POSSIBLE, AND WHERE IN COMPLIANCE WITH THE SPECIFICATIONS AND THE INTENT OF THE CONTRACT DOCUMENTS. UPGRADE AND/OR PROVIDE NEW CONDUIT SUPPORTS WHERE NECESSARY FOR ALL RACEWAYS BEING REUSED. INSURE INTEGRITY OF EXISTING RACEWAYS BEFORE REUSE.

first sentence seems redundant

MECHANICAL LEGEND

CHS	CHILLED WATER SUPPLY
CHR	CHILLED WATER RETURN
HWS	PRIMARY HEATING WATER RETURN
HWR	PRIMARY HEATING WATER RETURN
RS	REFRIGERANT SUCTION
RL	REFRIGERANT LIQUID
RG	REFRIGERANT GAS
CD	CONDENSATE DRAIN
→	FLOW IN DIRECTION OF ARROW
1/8" FT.	SLOPE DOWN IN DIRECTION OF ARROW WITH SLOPE SHOWN
1/8" FT.	STRAINER WITH BLOW DOWN VALVE
⊕	GATE VALVE
⊕	BUTTERFLY VALVE
⊕	URDN
⊕	BALL VALVE
⊕	GLOBE VALVE
⊕	PLUG VALVE
⊕	CHECK VALVE
⊕	FLOW SWITCH
⊕	FLOW METER
⊕	AUTO FLOW CONTROL VALVE
⊕	AUTOMATIC 2-WAY CONTROL VALVE
⊕	AUTOMATIC 3-WAY CONTROL VALVE
⊕	AUTOMATIC STEAM CONTROL VALVE
⊕	PRESSURE REDUCING VALVE
⊕	PRESSURE RELIEF VALVE
⊕	GAUGE COCK
⊕	PRESSURE GAUGE WITH GAUGE COCK
⊕	THERMOMETER
⊕	INSTRUMENT PORT
⊕	CAP
⊕	LOW PRESSURE DRIP TRAP ASSEMBLY
⊕	MEDIUM PRESSURE DRIP TRAP ASSEMBLY
⊕	AUTOMATIC AIRVENT
⊕	RISE IN PIPING
⊕	DROP IN PIPING
⊕	THERMOWELL
⊕	ANCHOR POINT
⊕	GUIDE OR RACK POINT
⊕	CONCENTRIC REDUCER
⊕	ECCENTRIC REDUCER
⊕	THERMOSTAT/TEMPERATURE SENSOR
⊕	HUMIDITY SENSOR
⊕	CARBON DIOXIDE SENSOR
⊕	DUCT SMOKE DETECTOR
⊕	WALL SWITCH
⊕	WALL SWITCH WITH PUSH BUTTON
⊕	WALL TIMER SWITCH
⊕	SUPPLY AIR ARROW
⊕	RETURN AIR ARROW
⊕	RISE IN DUCT
⊕	DROP IN DUCT
⊕	SUPPLY DUCT
⊕	RETURN OR EXHAUST DUCT
⊕	MANUAL DAMPER
⊕	MOTORIZED DAMPER
⊕	FIRE DAMPER
⊕	S.D.
⊕	F.S.D.
⊕	FIRE-SMOKE DAMPER
⊕	CONNECT TO EXISTING
⊕	EXISTING WORK TO REMAIN
⊕	EXISTING WORK TO BE REMOVED
⊕	NEW WORK

NOTE: ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT.

GENERAL DEMOLITION MECHANICAL NOTES:

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- EXISTING MEP ITEMS TO BE REMOVED SHALL BE RETURNED TO THE OWNER OR DISPOSED OF AS DIRECTED BY THE DESIGNATED OWNER'S REPRESENTATIVE.
- COORDINATE DEMOLITION WORK WITH THE BUILDING MAINTENANCE PERSONNEL AND OTHER TRADES PERFORMING WORK IN THE BUILDING PRIOR TO THE REMOVAL OF ANY ITEMS OF EQUIPMENT OR SYSTEMS THAT WILL AFFECT OTHER SYSTEMS WITHIN THE LIMIT OF NEW CONSTRUCTION OR OTHER AREAS OF THE BUILDING. THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION, AND THEREFORE, UTILITIES MUST REMAIN IN OPERATION AT ALL TIMES. ANY REQUIRED OUTAGES MUST BE COORDINATED WITH THE OWNER.
- PRIOR TO THE REMOVAL OF ANY MEP ITEMS OR EQUIPMENT, CONTRACTOR MUST VERIFY THE ORIGIN AND TERMINATION OF THOSE SYSTEMS AND CONFIRM THAT THE ITEMS BEING REMOVED DO NOT SERVE ANY ITEMS THAT ARE TO REMAIN (INCLUDING THOSE IN AREAS OUTSIDE THE CONTRACT LIMITS).

GENERAL MECHANICAL NOTES:

- ALL DUCTWORK SHALL BE RUN CONCEALED ABOVE CEILING AS HIGH AS POSSIBLE & CONCEALED IN WALLS, CHASES, OR FURROWS IN GENERAL. LOCATIONS SHOWN, UNLESS NOTED OTHERWISE.
- LOCATE AIR DEVICES APPROXIMATELY WHERE SHOWN FOR EXACT LOCATION AND FRAME MOUNTING TYPES. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS. ALL CEILING DIFFUSERS TO BE FOUR-WAY TYPE, UNLESS NOTED OTHERWISE BY AIR FLOW ARROWS ON FLOOR PLAN.
- DUCTWORK INSULATION TO MEET CURRENT 2015 IECC REQUIREMENTS. RECTANGULAR SUPPLY AIR DUCTWORK IS TO BE EXTERNALLY INSULATED WITH ONE AND ONE-HALF (1-1/2") THICK INSULATION. RECTANGULAR RETURN AND TRANSFER AIR DUCTS SHALL BE LINED WITH 1" LINER ONLY. DUCTWORK SIZES SHOWN ARE NET INTERNAL CLEAR DIMENSIONS. SHEET METAL SIZES ARE TO BE INCREASED IN SIZE TO MAINTAIN THESE INTERNAL CLEAR DIMENSIONS. CONCEALED ROUND DUCTWORK IS TO BE EXTERNALLY WRAPPED. FLEXIBLE ROUND DUCTWORK SHALL HAVE A MINIMUM R-VALUE OF 30.

Need Cover sheet

table Need of contents

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RWB PROJECT #17116-00

REGISTRATION

DRAWING HISTORY

NO.	DATE	DESCRIPTION

KEY PLAN

PROJECT NAME
ADDISON
ATHLETIC CLUB

PROJECT LOCATION
3900 BELTWAY DR.
ADDISON, TX 75001

PROJECT NUMBER
17116.00

SHEET TITLE
GENERAL NOTES &
LEGEND

SHEET NUMBER

ME-00

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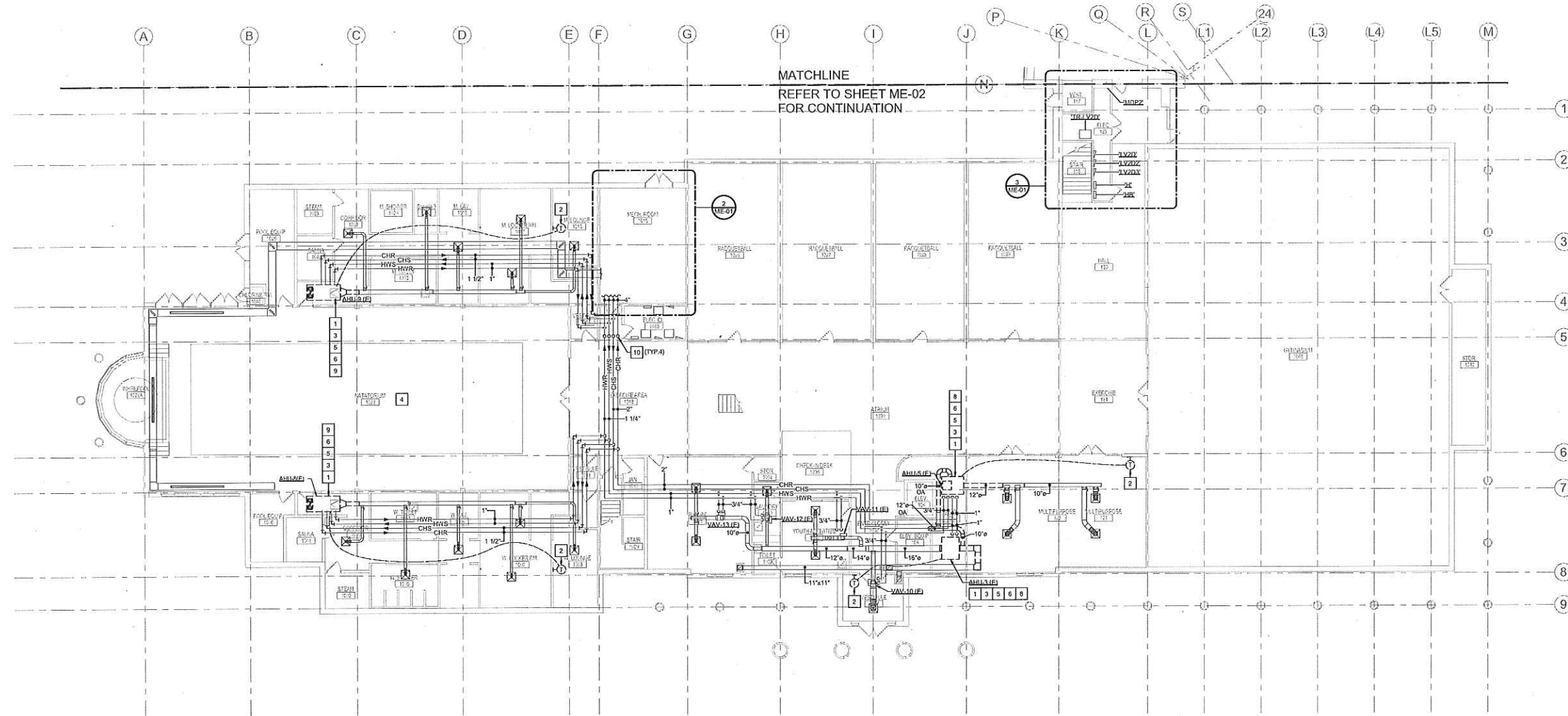
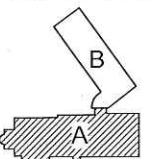


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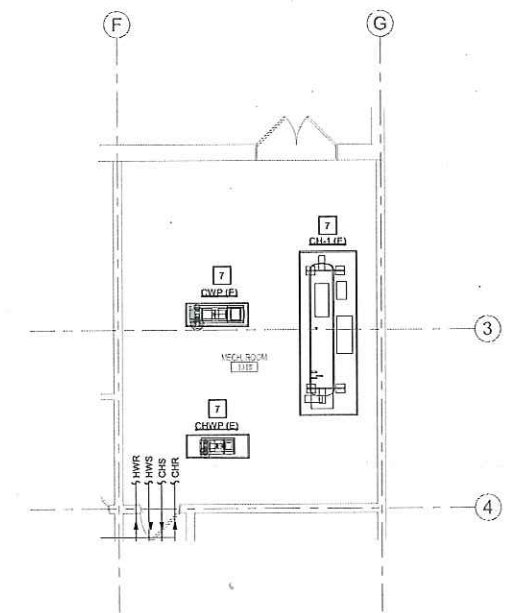


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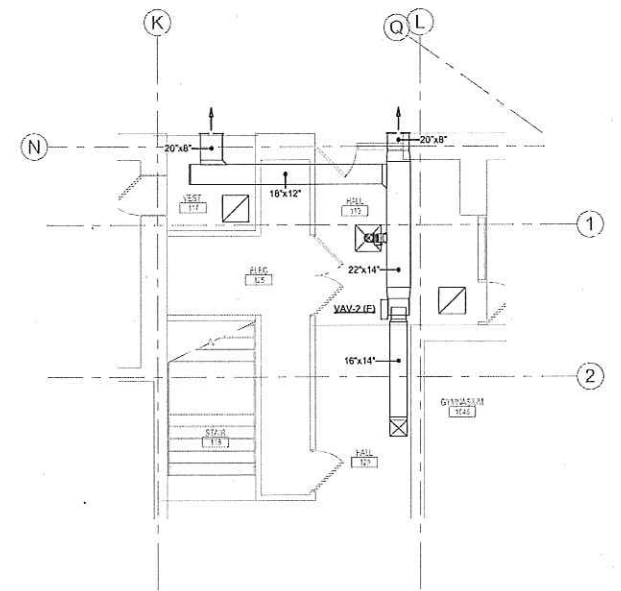
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1 GROUND FLOOR - DEMOLITION FLOOR PLAN - MECHANICAL/ELECTRICAL - AREA 'A'
SCALE: 3/32" = 1'-0"



2 PARTIAL DEMOLITION FLOOR PLAN - GROUND FLOOR - ORIGINAL BUILDING - MECH 1015
SCALE: 3/16" = 1'-0"



3 PARTIAL DEMOLITION FLOOR PLAN - GROUND FLOOR - ORIGINAL BUILDING - ELECT 125
SCALE: 3/16" = 1'-0"

- DEMOLITION NOTES BY SYMBOL:**
- EXISTING AIR HANDLING UNIT TO BE REMOVED.
 - EXISTING PNEUMATIC THERMOSTAT TO BE REMOVED.
 - REMOVE EXISTING DISCONNECT SWITCH AND ELECTRICAL WHIP TO PACKAGED A/C UNIT. EXISTING ELECTRICAL FEEDER TO DISCONNECT SWITCH SHALL REMAIN FOR REUSE. FIELD VERIFY EXISTING CONDITIONS PRIOR TO FINAL DEMOLITION.
 - POOL AREA AND POOL EQUIPMENT NOT IN SCOPE.
 - REMOVE EXISTING CHS/CHR AND HWS/HWR BACK TO ISOLATION VALVES.
 - DISCONNECT EXISTING CONDENSATE DRAIN PIPING TO ALLOW FOR EQUIPMENT REMOVAL.
 - EXISTING CHILLER AND ASSOCIATED EQUIPMENT TO REMAIN OPERATIONAL THROUGHOUT THE CONSTRUCTION PROCESS.
 - REMOVE LAY-IN CEILING AND GRID TO ALLOW FOR THE AHU REPLACEMENT. SAVE AND PROTECT THE TILE AND GRID FOR RE-INSTALLATION.
 - REMOVE GYPSUM CEILING AND ACCESS PANELS TO ALLOW FOR THE AHU REPLACEMENT.
 - PIPING UP TO SECOND FLOOR.

PROJECT NAME
ADDISON
ATHLETIC CLUB

PROJECT LOCATION
3900 BELTWAY DR.
ADDISON, TX 75001

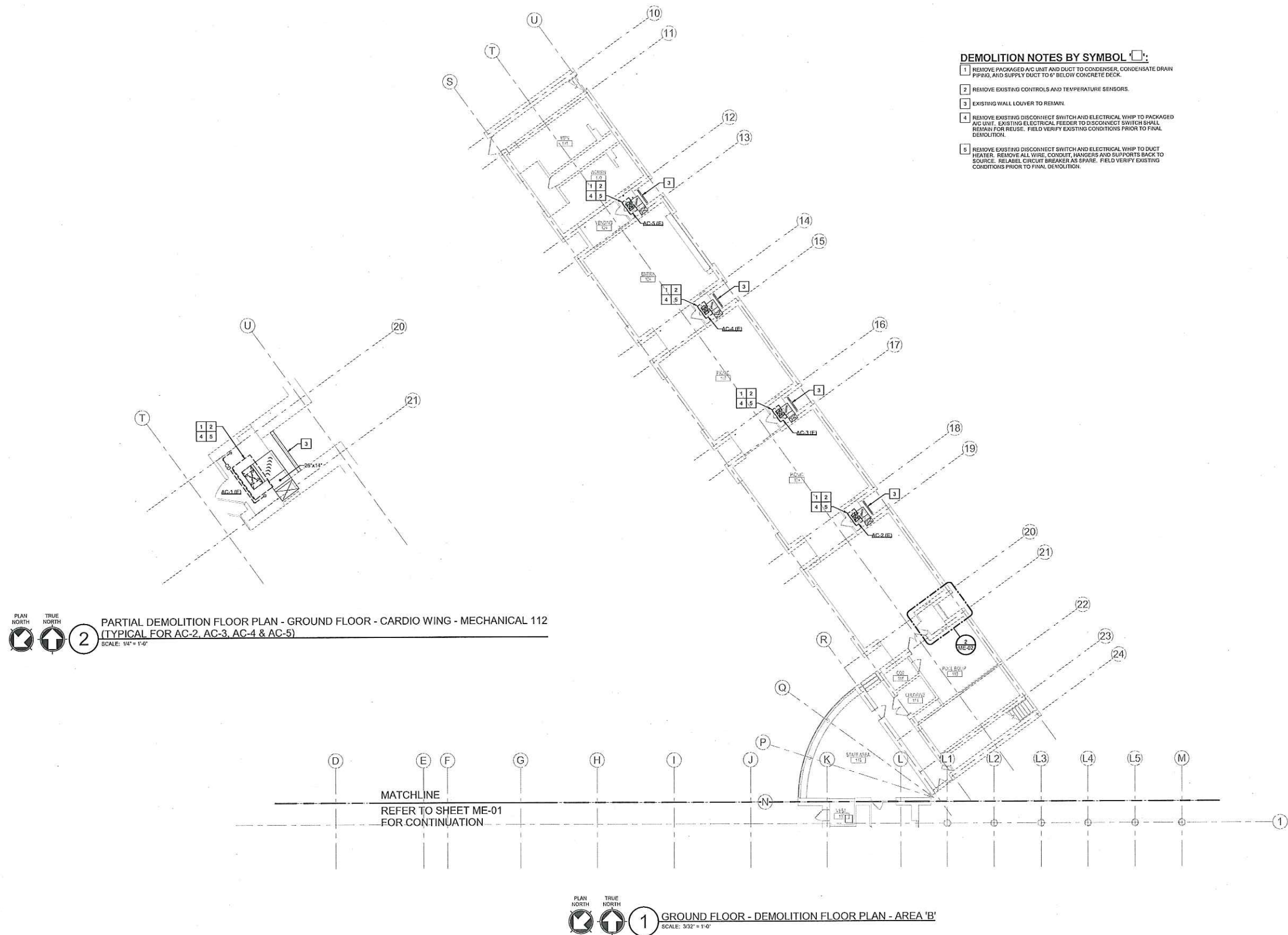
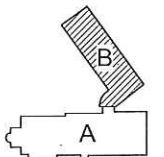
PROJECT NUMBER
17116.00

SHEET TITLE
GROUND FLOOR
DEMOLITION -
AREA 'A'

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NO.	DATE	DESCRIPTION



- DEMOLITION NOTES BY SYMBOL:**
- 1 REMOVE PACKAGED A/C UNIT AND DUCT TO CONDENSER, CONDENSATE DRAIN PIPING, AND SUPPLY DUCT TO 6" BELOW CONCRETE DECK.
 - 2 REMOVE EXISTING CONTROLS AND TEMPERATURE SENSORS.
 - 3 EXISTING WALL LOUVER TO REMAIN.
 - 4 REMOVE EXISTING DISCONNECT SWITCH AND ELECTRICAL WHIP TO PACKAGED A/C UNIT. EXISTING ELECTRICAL FEEDER TO DISCONNECT SWITCH SHALL REMAIN FOR REUSE. FIELD VERIFY EXISTING CONDITIONS PRIOR TO FINAL DEMOLITION.
 - 5 REMOVE EXISTING DISCONNECT SWITCH AND ELECTRICAL WHIP TO DUCT HEATER. REMOVE ALL WIRE, CONDUIT, HANGERS AND SUPPORTS BACK TO SOURCE. RELABEL CIRCUIT BREAKER AS SPARE. FIELD VERIFY EXISTING CONDITIONS PRIOR TO FINAL DEMOLITION.

PLAN NORTH TRUE NORTH
2 PARTIAL DEMOLITION FLOOR PLAN - GROUND FLOOR - CARDIO WING - MECHANICAL 112 (TYPICAL FOR AC-2, AC-3, AC-4 & AC-5)
SCALE: 1/4" = 1'-0"

PLAN NORTH TRUE NORTH
1 GROUND FLOOR - DEMOLITION FLOOR PLAN - AREA 'B'
SCALE: 3/32" = 1'-0"

MATCHLINE
REFER TO SHEET ME-01
FOR CONTINUATION

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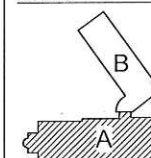


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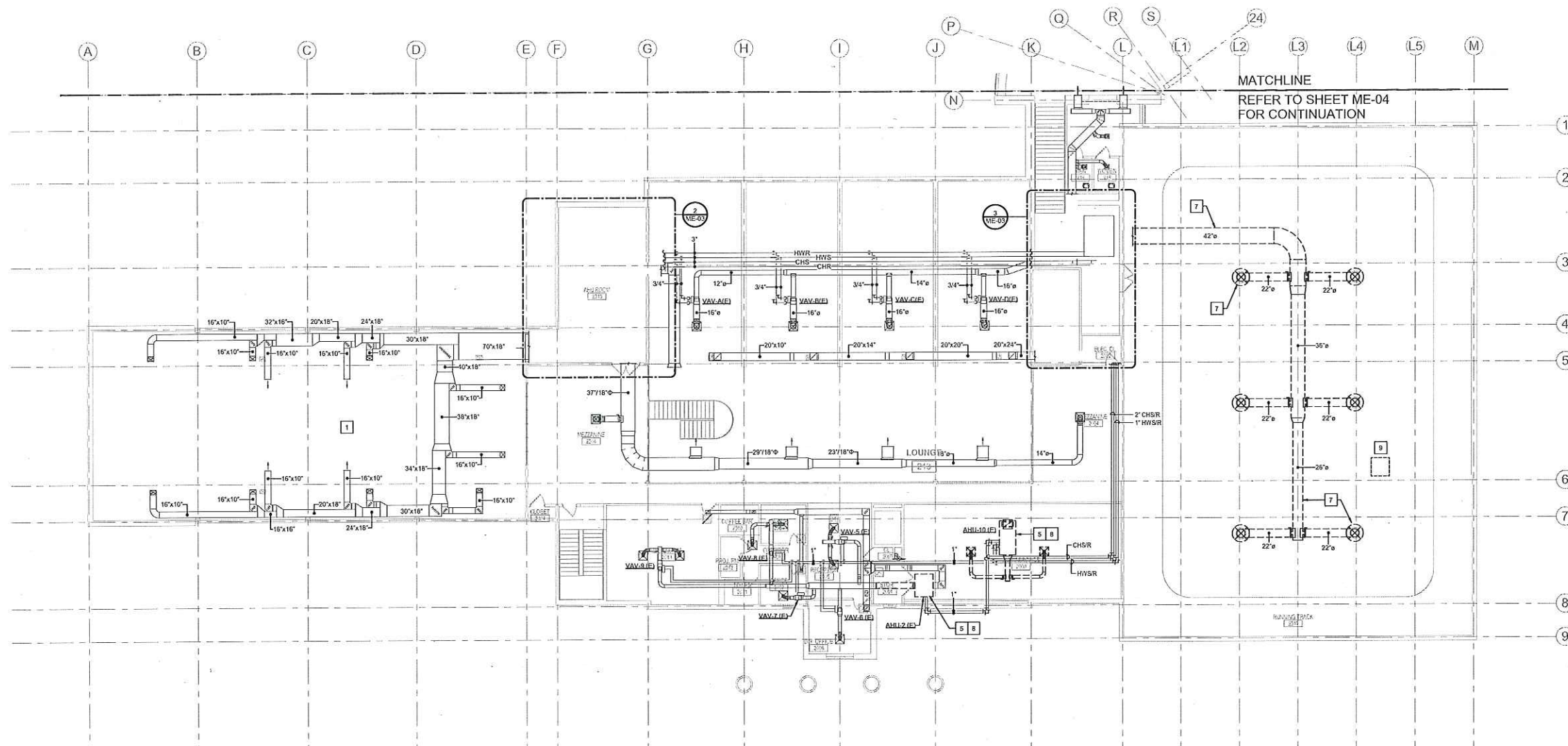
PROJECT NAME
ADDISON ATHLETIC CLUB

PROJECT LOCATION
3900 BELTWAY DR.
ADDISON, TX 75001

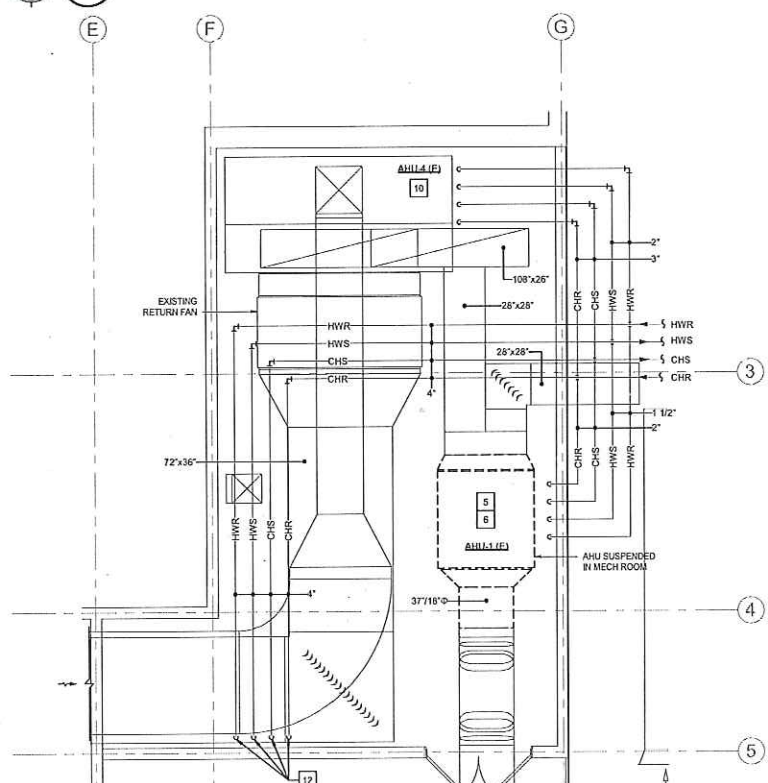
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SHEET TITLE
SECOND FLOOR DEMOLITION - AREA 'A'

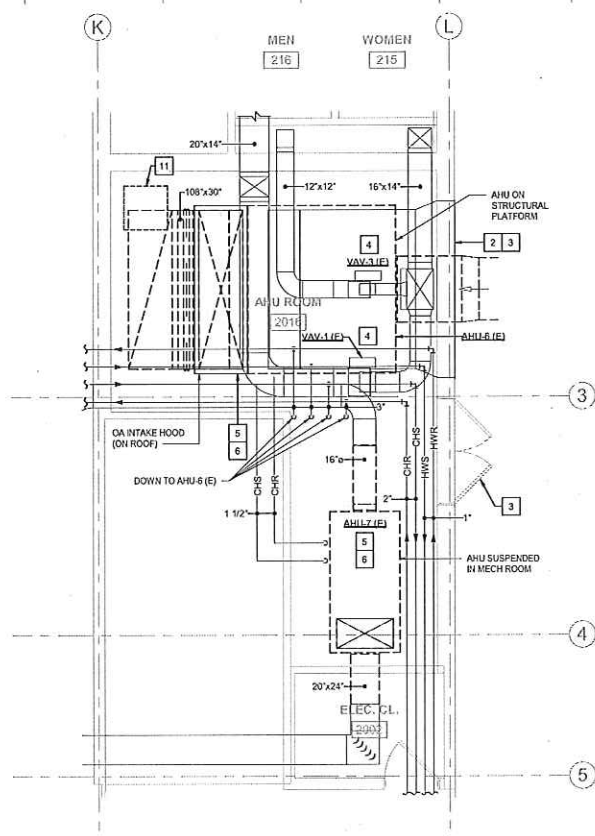
ME-03



PLAN NORTH TRUE NORTH
1 SECOND FLOOR - DEMOLITION - MECHANICAL/ELECTRICAL - AREA 'A'
SCALE: 3/32" = 1'-0"



PLAN NORTH TRUE NORTH
2 PARTIAL FLOOR PLAN - SECOND FLOOR - ORIGINAL BUILDING - MECHANICAL 1015
SCALE: 1/4" = 1'-0"



PLAN NORTH TRUE NORTH
3 PARTIAL FLOOR PLAN - SECOND FLOOR - ORIGINAL BUILDING - MECHANICAL 125
SCALE: 1/4" = 1'-0"

DEMOLITION NOTES BY SYMBOL [Symbol]:

- 1 POOL AREA AND POOL EQUIPMENT NOT IN SCOPE.
- 2 REMOVE RETURN AIR GRILLE AND CLEAN FOR RE-INSTALLATION.
- 3 REMOVE DOORS AND A PORTION OF THE MECHANICAL ROOM WALLS TO ALLOW FOR REPLACEMENT OF AHU.
- 4 EXISTING VAV TERMINAL UNIT AND DUCT TO BE REMOVED FOR AHU REPLACEMENT. STORE FOR RE-INSTALLATION.
- 5 EXISTING AHU TO BE REPLACED.
- 6 TEMPORARILY DISCONNECT EXISTING ELECTRICAL CONNECTION TO EXISTING HVAC UNIT. EXISTING ELECTRICAL FEEDER TO REMAIN FOR REUSE. FIELD VERIFY EXISTING CONDITIONS PRIOR TO FINAL DEMOLITION.
- 7 REMOVE EXISTING DUCTWORK AND ASSOCIATED AIR DEVICES IN GYMNASIUM. (ALTERNATE BID)
- 8 REMOVE EXISTING DISCONNECT SWITCH AND ELECTRICAL WHIP TO PACKAGED AC UNIT TO BE REMOVED. EXISTING ELECTRICAL FEEDER TO DISCONNECT SWITCH SHALL REMAIN FOR REUSE. FIELD VERIFY EXISTING CONDITIONS PRIOR TO FINAL DEMOLITION. ALTERNATE BID.
- 9 EXISTING RELIEF AIR HOOD TO REMAIN.
- 10 EXISTING AHU-4 (POOL UNIT) IS NOT IN THE SCOPE.
- 11 EXISTING ROOF HATCH TO REMAIN.
- 12 PIPING DOWN TO GROUND FLOOR.

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PLOT SCALE: 3/32" = 1'-0"



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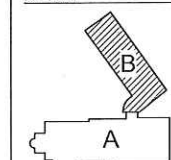
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COSTA MORALES, ARCHITECT
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REGISTRATION

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NO.	DATE	DESCRIPTION

KEY PLAN



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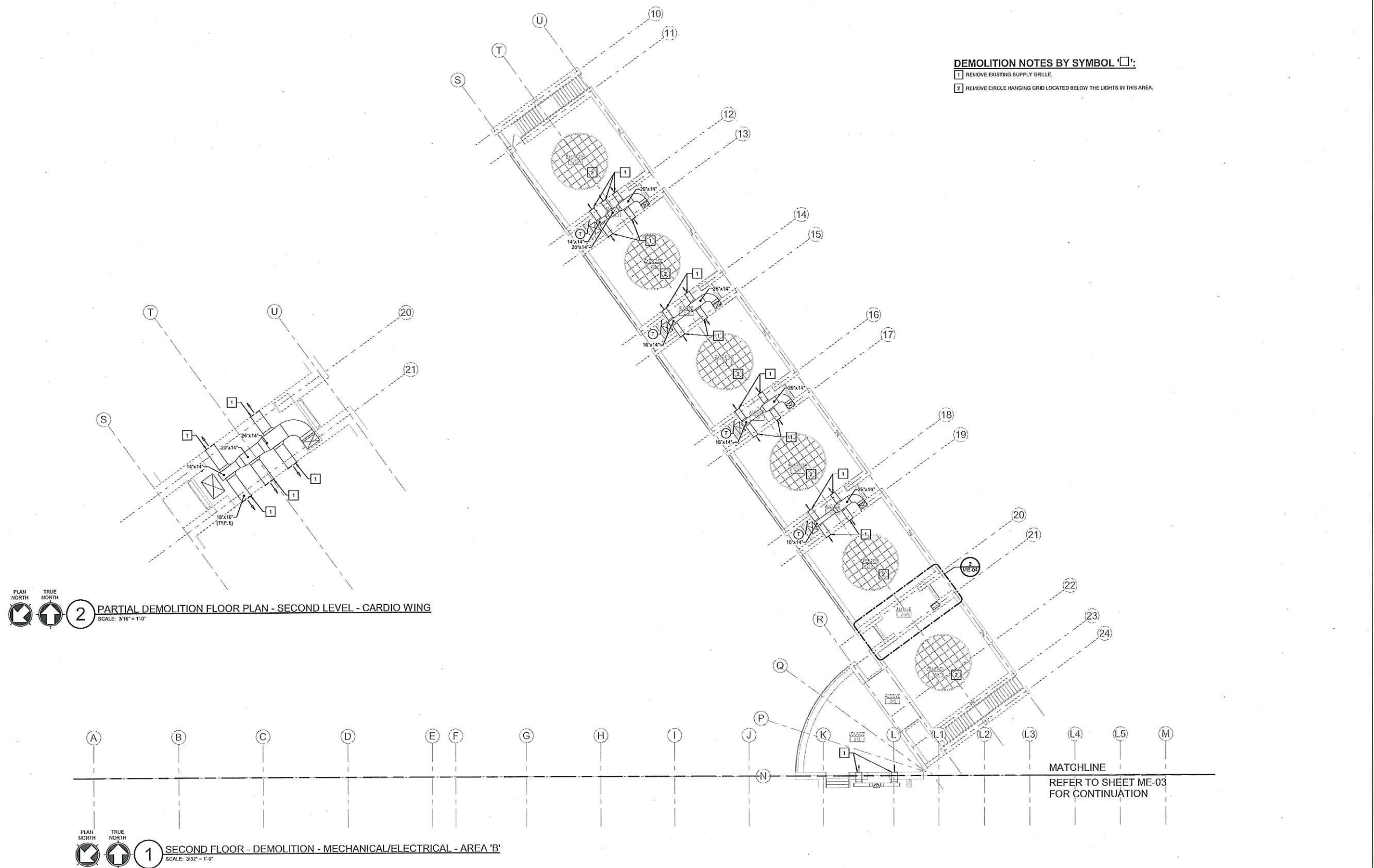
PROJECT LOCATION
3900 BELTWAY DR.
ADDISON, TX 75001

PROJECT NUMBER
17116.00

SHEET TITLE
SECOND FLOOR
DEMOLITION -
AREA 'B'

SHEET NUMBER

ME-04



DEMOLITION NOTES BY SYMBOL:

- 1 REMOVE EXISTING SUPPLY GRILLE.
- 2 REMOVE CIRCLE HANGING GRID LOCATED BELOW THE LIGHTS IN THIS AREA.

PLAN NORTH TRUE NORTH
2 PARTIAL DEMOLITION FLOOR PLAN - SECOND LEVEL - CARDIO WING
SCALE: 3/16" = 1'-0"

PLAN NORTH TRUE NORTH
1 SECOND FLOOR - DEMOLITION - MECHANICAL/ELECTRICAL - AREA 'B'
SCALE: 3/32" = 1'-0"

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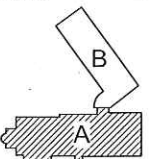


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Texas Firm #2174
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RWB PROJECT #17116-00

NO.	DATE	DESCRIPTION



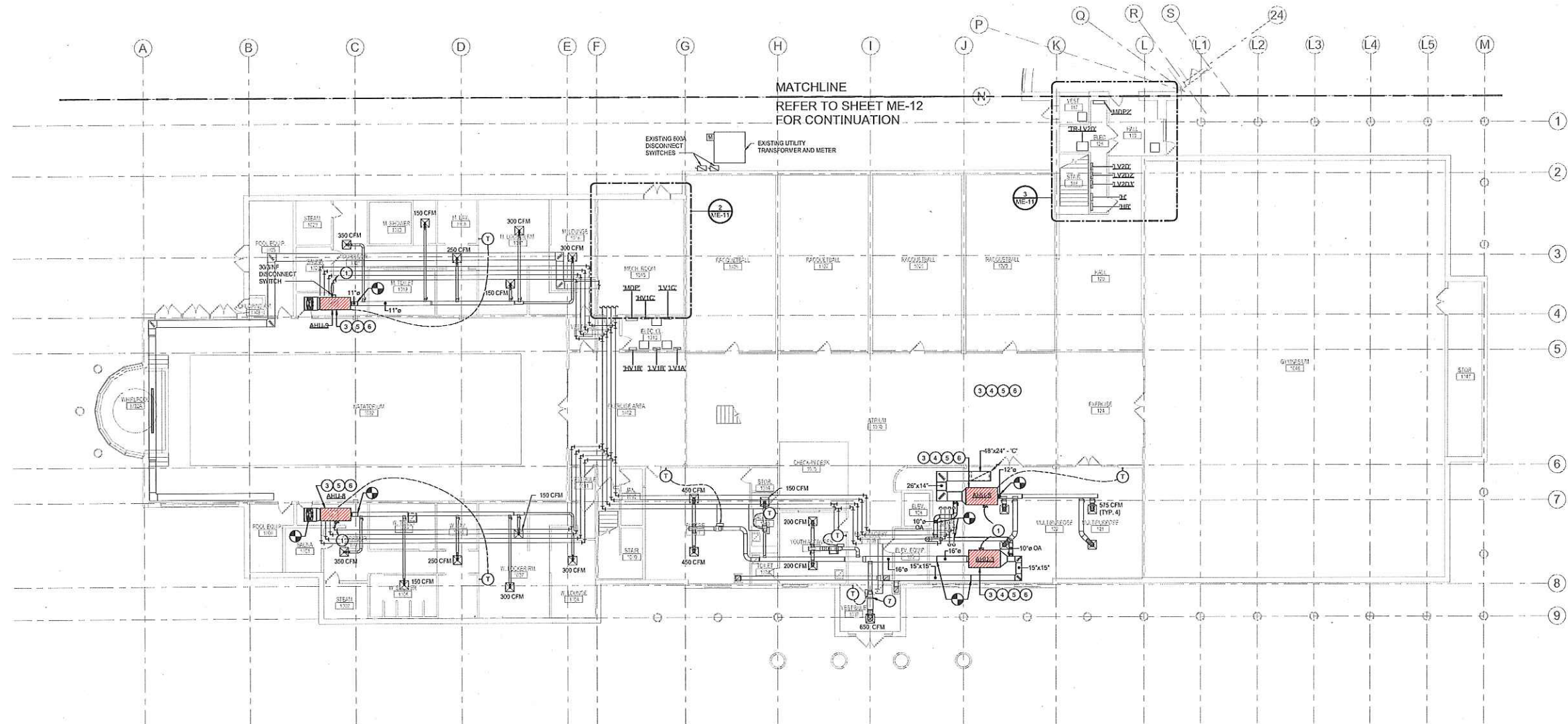
PROJECT NAME
**ADDISON
ATHLETIC CLUB**

PROJECT LOCATION
**3900 BELTWAY DR.
ADDISON, TX 75001**

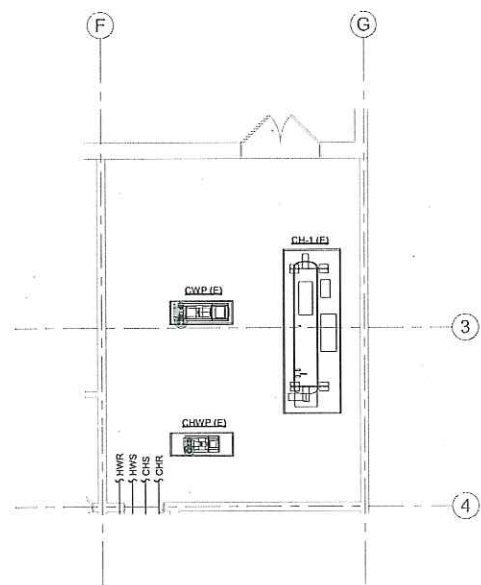
PROJECT NUMBER
17116.00

SHEET TITLE
**GROUND FLOOR
PLAN - AREA 'A'**

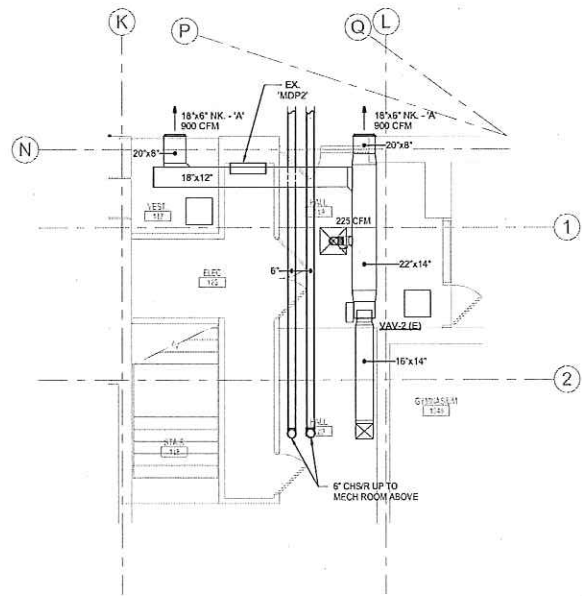
ME-11



1 GROUND FLOOR - MECHANICAL/ELECTRICAL - AREA 'A'
SCALE: 3/32" = 1'-0"



2 PARTIAL FLOOR PLAN - GROUND FLOOR - ORIGINAL BUILDING - MECH 1015
SCALE: 3/16" = 1'-0"



3 PARTIAL FLOOR PLAN - GROUND FLOOR - ORIGINAL BUILDING - MECH 125
SCALE: 3/16" = 1'-0"

- NOTES BY SYMBOL 'O':**
- 1 PROVIDE A NEW 300/15A/F FUSED DISCONNECT SWITCH FOR NEW A/C UNIT. TERMINATE TO EXISTING FEEDER MADE AVAILABLE FROM DEMOLITION. PROVIDE NEW ELECTRICAL WHIP FROM NEW DISCONNECT SWITCH TO NEW A/C UNIT WITH (2) #12, #12 GROUND IN 3/4" CONDUIT. FIELD VERIFY EXISTING CONDITIONS PRIOR TO FINAL ROUGH-IN.
 - 2 SUSPEND NEW UNIT FROM STRUCTURE UTILIZING NEW VIBRATION ISOLATION.
 - 3 REPLACE THE EXISTING CEILING GRID AND LAY IN TILE TO MATCH THE ORIGINAL CONDITIONS.
 - 4 REPAIR GYP CEILINGS AND PAINT TO MATCH THE ADJACENT LOCKER ROOM CEILING. INSTALL (2) 24"X24" STAINLESS STEEL ACCESS PANELS, ONE TO ACCESS FILTERS AND ONE TO ACCESS THE COIL SECTION AND CONTROL VALVES.
 - 5 PROVIDE NEW 2-WAY CONTROL VALVES AND TEMP SENSOR FOR NEW AHU.
 - 6 EXISTING TERMINAL UNIT TO REMAIN. VERIFY OPERATION PRIOR TO PERFORMING TAB ON NEW AHU.

FILE PATH: C:\Users\Public\Documents\17116-00\00-Mechanical\17116-00-MECH-11-ADDISON ATHLETIC CLUB.dwg
DATE PLOTTED: 12/15/2011 10:15:53 AM
PLOT DEVICE: HP DesignJet 1000 Series

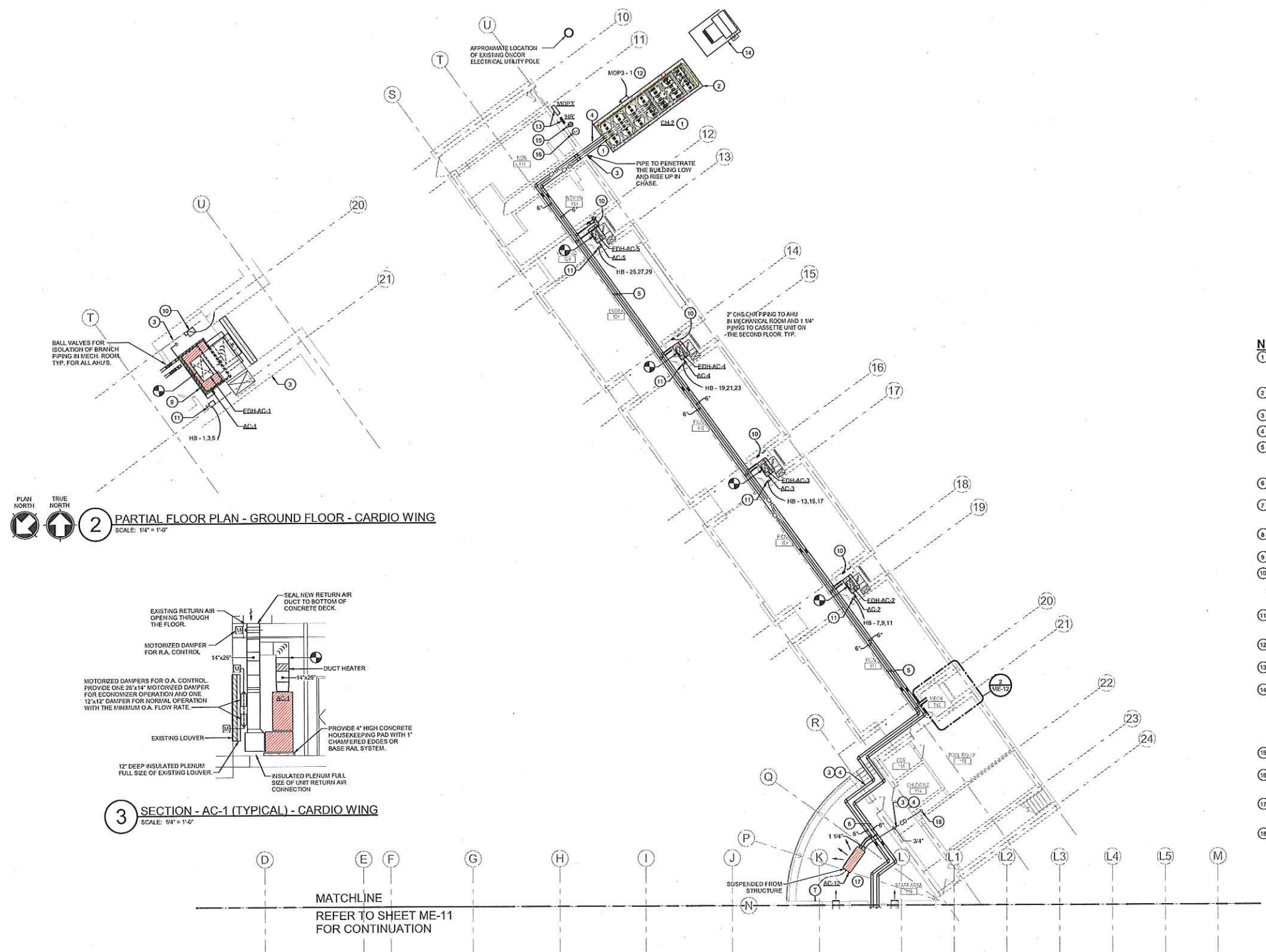
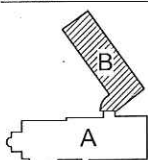


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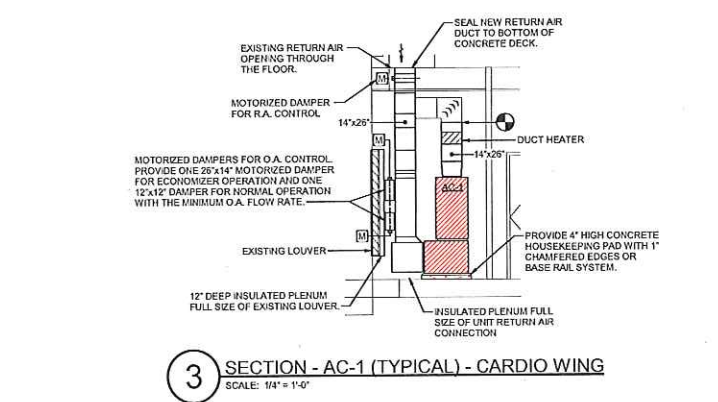


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Table with columns: No., Date, Description



2 PARTIAL FLOOR PLAN - GROUND FLOOR - CARDIO WING SCALE: 1/4" = 1'-0"



3 SECTION - AC-1 (TYPICAL) - CARDIO WING SCALE: 1/4" = 1'-0"



1 GROUND FLOOR PLAN - AREA 'B' SCALE: 3/32" = 1'-0"

NOTES BY SYMBOL:

- 1 PROVIDE MANUFACTURERS RECOMMENDED CLEARANCES FOR SERVICE AND AIR FLOW... 2 PROVIDE 6" THICK CONCRETE PAD WITH 1" CHAMFERED EDGES... 3 SLEEVE PIPE PENETRATIONS THROUGH WALL AND SEAL TO BE WATERPROOF...

FILE PATH: \\P:\Projects\17116\Addison Athletic Club\ME-12.dwg DATE PLOTTED: 07/27/11 4:45:58 PM PLOT SCALE: 1:1

ARCHITECT



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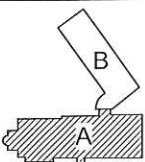
Reed, Walls, Benson & Company
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Texas Firm # 2174
CORP. OFFICE: 3000 WEST 12TH ST., SUITE 202, FORT WORTH, TX 76102
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RWB PROJECT #17116-00

REGISTRATION

DRAWING HISTORY

NO.	DATE	DESCRIPTION

KEY PLAN



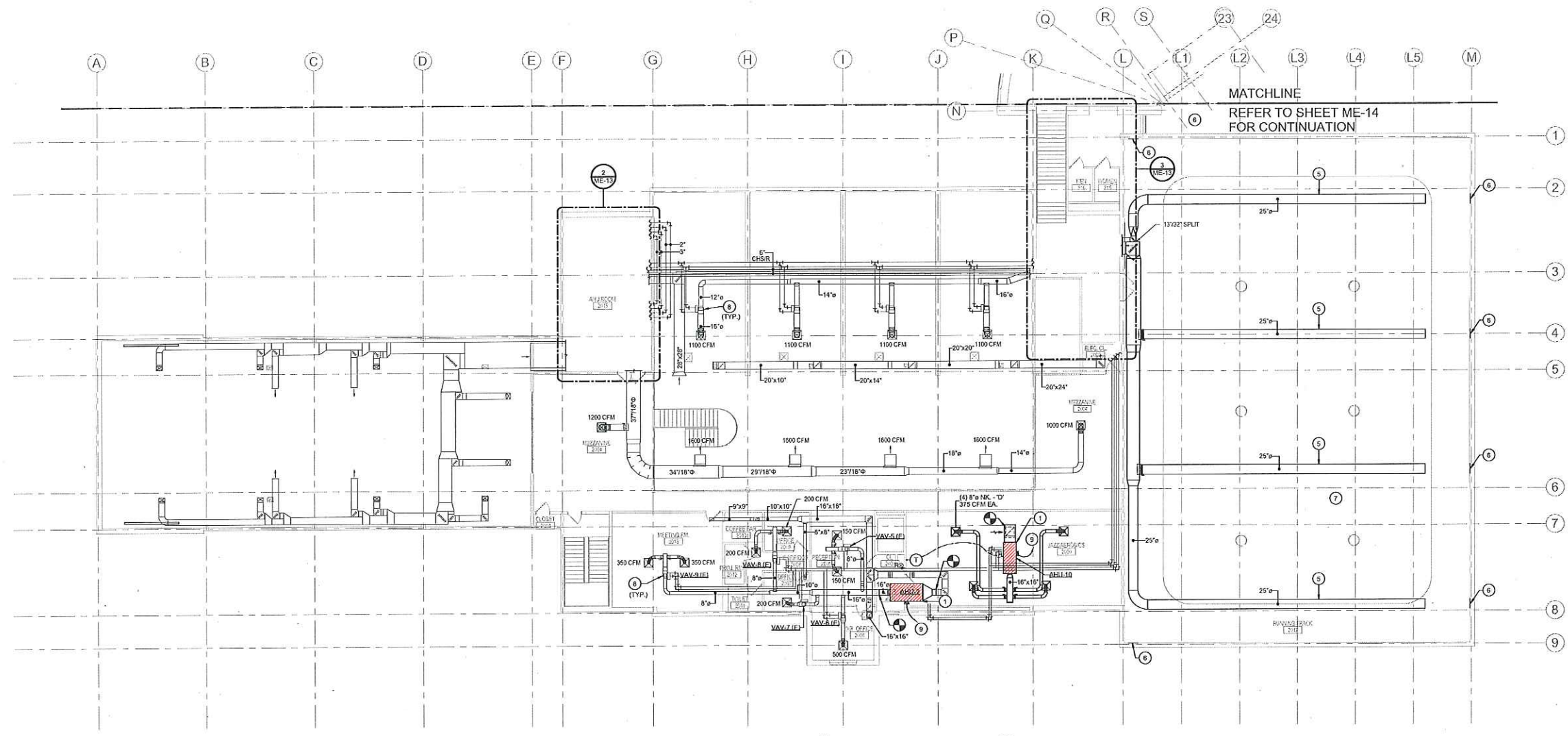
PROJECT NAME
ADDISON ATHLETIC CLUB

PROJECT LOCATION
3900 BELTWAY DR. ADDISON, TX 75001

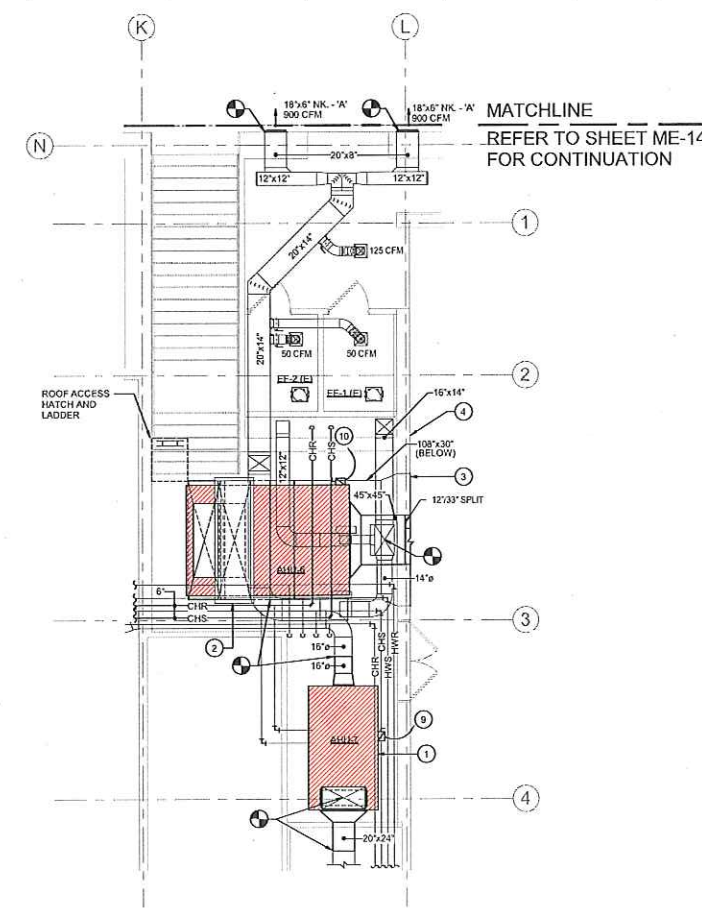
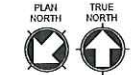
PROJECT NUMBER
17116.00

SHEET TITLE
SECOND FLOOR PLAN - AREA 'A'

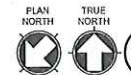
SHEET NUMBER
ME-13



1 SECOND FLOOR PLAN - AREA 'A'
SCALE: 3/32" = 1'-0"

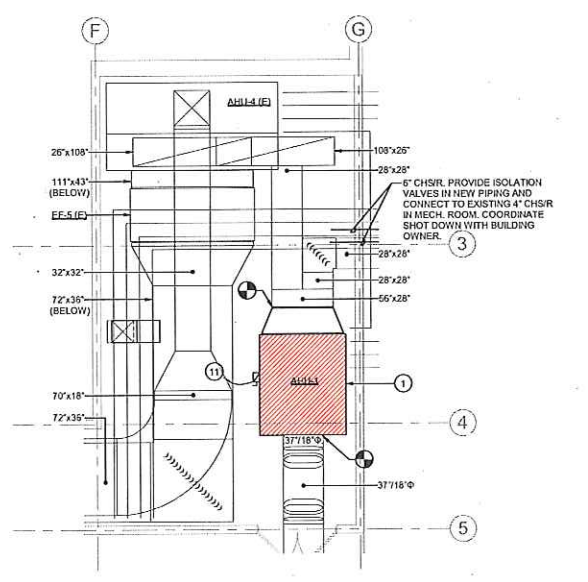


3 SECOND FLOOR PLAN - AREA 'A' - MECH 125
SCALE: 3/16" = 1'-0"



NOTES BY SYMBOL:

- 1** SUSPEND AHU FROM STRUCTURE AND CONNECT TO EXISTING SUPPLY DUCT. PROVIDE NEW RETURN AIR GRILLE AND RETURN AIR DUCT. CONNECT EXISTING OUTSIDE AIR DUCT TO NEW AHU. INSTALL NEW ELECTRONIC ACTUATORS ON EXISTING DAMPERS. PROVIDE NEW 2-WAY LOW VOLTAGE CONTROL VALVES FOR THE CHILLED AND HEATING WATER COILS. CONNECT NEW AHU TO THE EXISTING CONDENSATE PIPING.
- 2** UTILIZE THE EXISTING STRUCTURAL PLATFORM FOR THE NEW AHU. RETURN AIR DUCT WILL CONNECT TO THE BOTTOM OF THE MIXING SECTION AND THE OUTSIDE AIR DUCT WILL CONNECT TO THE TOP OF THE MIXING SECTION. PROVIDE MOTORIZED DAMPERS IN THE R.A. AND O.A. DUCTS. INSTALL NEW 2-WAY CONTROL VALVES FOR THE CHILLED AND HEATING WATER COILS. INSTALL NEW 3/4" CONDENSATE DRAIN PIPING TO THE FLOOR DRAIN.
- 3** CLEAN AND RE-USE THE SIDEWALL RETURN AIR.
- 4** REPAIR THE WALL OPENING UTILIZED FOR REMOVAL AND RE-INSTALLATION OF THE AIR HANDLING UNIT. PATCH AND MATCH THE FINISH OF THE ADJACENT WALL THAT WAS NOT DAMAGED.
- 5** PROVIDE AN ALTERNATE BID TO INSTALL FABRIC DUCT AND THE CABLE SUPPORT SYSTEM FOR THE CONFIGURATION SHOWN. THE BASIS OF DESIGN IS DUCTSOK MATERIAL, DURATEX WITH HOZZLES AT 45" FROM BOTTOM CENTERLINE ON EACH SIDE OF DUCT, SKELECORE SUSPENSION.
- 6** FABRIC DUCT CABLE SUSPENSION POINTS. PROVIDE STRUCTURAL SUPPORTS TO DISTRIBUTE THE CABLE TENSION INTO THE WALL STRUCTURE.
- 7** REPLACE THE EXISTING ROOF MOUNTED RELIEF AIR HOOD AND INSTALL A MOTORIZED DAMPER AT THE ROOF OPENING TO MODULATE TO MAINTAIN THE BUILDING PRESSURIZATION.
- 8** EXISTING VAV TERMINAL TO REMAIN.
- 9** PROVIDE A NEW 30/315 AF FUSED DISCONNECT SWITCH FOR NEW A/C UNIT. TERMINATE TO EXISTING FEEDER MADE AVAILABLE FROM DEMOLITION. PROVIDE NEW ELECTRICAL WHIP FROM NEW DISCONNECT SWITCH TO NEW A/C UNIT WITH (3) #12, #12 GROUND IN 3/4" CONDUIT. FIELD VERIFY EXISTING CONDITIONS PRIOR TO FINAL ROUGH-IN.
- 10** PROVIDE A NEW 60/315 AF FUSED DISCONNECT SWITCH FOR NEW A/C UNIT. TERMINATE TO EXISTING FEEDER MADE AVAILABLE FROM DEMOLITION. PROVIDE NEW ELECTRICAL WHIP FROM NEW DISCONNECT SWITCH TO NEW A/C UNIT WITH (3) #8, #10 GROUND IN 1" CONDUIT. FIELD VERIFY EXISTING CONDITIONS PRIOR TO FINAL ROUGH-IN.
- 11** RECONNECT EXISTING DISCONNECT AND ELECTRICAL FEEDER TO NEW AHU-1 VFD. EXTEND WIRE AND CONDUIT TO EXISTING DISCONNECTS NEW LOCATION. FIELD VERIFY EXISTING CONDITIONS PRIOR TO FINAL ROUGH-IN.



2 SECOND FLOOR PLAN - AREA 'A' - MECH 1015
SCALE: 3/16" = 1'-0"



FILE NO: 17116-00-1 (Rev. 06/10/11) 17116-00-1 (Rev. 06/10/11) 17116-00-1 (Rev. 06/10/11)
DATE PLOTTED: 06/10/11 10:00 AM
PLOT SCALE: 1/8" = 1'-0"



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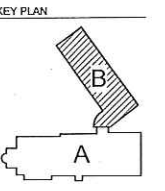
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RWB PROJECT #17116.00

REGISTRATION

DRAWING HISTORY	
DATE	DESCRIPTION



PROJECT NAME
ADDISON
ATHLETIC CLUB

PROJECT LOCATION
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ADDISON, TX 75001

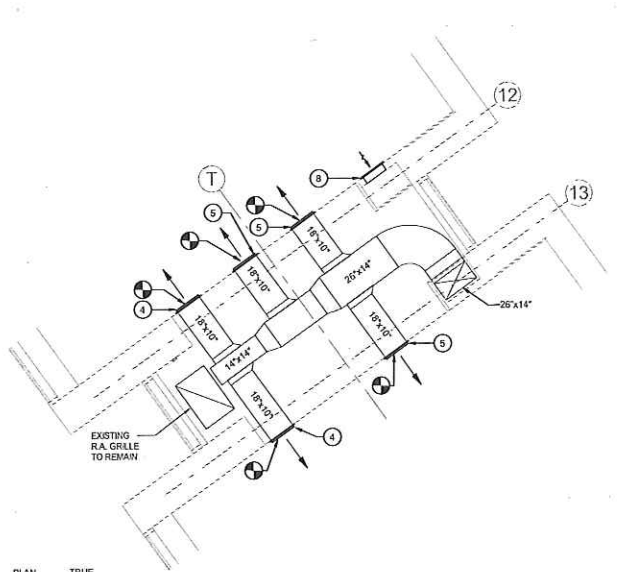
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SHEET TITLE
SECOND FLOOR
PLAN - AREA 'B'

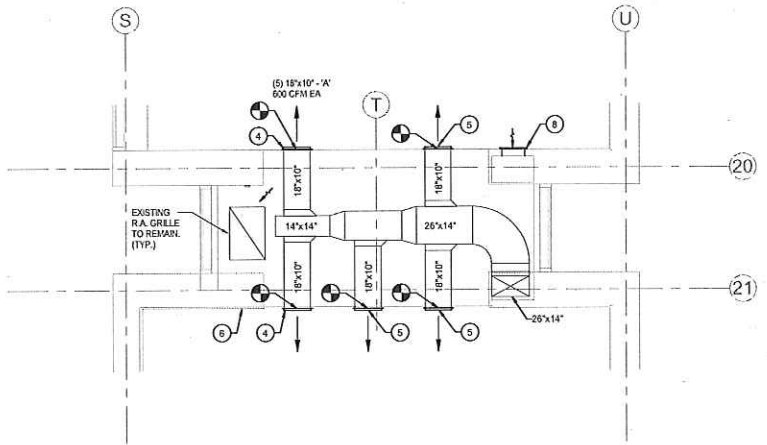
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ME-14

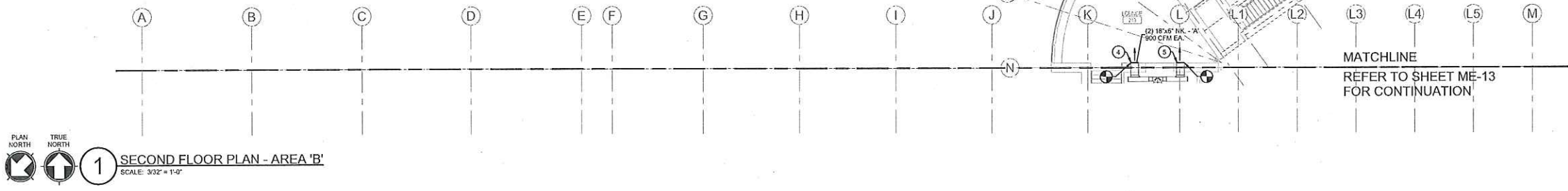
- NOTES BY SYMBOL ○:**
- ① PROVIDE A MOTOR THERMAL OVERLOAD SWITCH AND MOUNT TO THE STRUCTURE NEAR THE FAN, BUT NOT UNDER THE BLADES.
 - ② PROVIDE (1) HOOKUP OF THE HIGH VELOCITY FANS FOR APPROVAL FROM FACILITY AND CITY PRIOR TO INSTALLATION OF THE OTHER FANS. COORDINATE HVLS ROOF LENGTH AND EXISTING LIGHTS. FAN SHALL BE INSTALLED BELOW LIGHTS.
 - ④ INSTALL NEW DRUM LOUVER TO MATCH THE EXISTING DUCT SIZE. REFER TO THE AIR DEVICE SCHEDULE. ADJUST THE DISCHARGE AIR DIRECTION TO EVENLY COVER THE WINDOWS.
 - ⑤ INSTALL NEW DRUM LOUVER TO MATCH THE EXISTING DUCT SIZE. REFER TO THE AIR DEVICE SCHEDULE. ADJUST THE DISCHARGE AIR DIRECTION TO EVENLY COVER THE ROOM.
 - ⑥ INSTALL A LOCKABLE PANEL RECESSED INTO THE WALL TO HOUSE THE CONTROL PANEL FOR THE HVLS FANS. ONE CONTROL PANEL TO INDIVIDUALLY OPERATE ALL FANS. PROVIDE A NEW 1P20A CIRCUIT BREAKER IN EXISTING PANEL LV2037 TO FEED HVLS FANS WITH 2412, #12 GROUND IN 3/4" CONDUIT.
 - ⑦ REPAIR GYP CEILING AND WALLS DAMAGED BY THE CEILING CASSETTE INSTALLATION. MATCH THE ADJACENT FINISH AND COLOR. PAINT THE WALLS CORNER TO CORNER AND THE ENTIRE CEILING TO AVOID COLOR MATCHING ISSUES.
 - ⑧ INSTALL NEW 35"X24" - "B" RETURN AIR GRILLE 1'-0" A.F.F.



PLAN NORTH TRUE NORTH
③ PARTIAL FLOOR PLAN - SECOND FLOOR PLAN - AREA 'B'
SCALE: 1/4" = 1'-0"



PLAN NORTH TRUE NORTH
② PARTIAL FLOOR PLAN - SECOND FLOOR
SCALE: 1/4" = 1'-0"



PLAN NORTH TRUE NORTH
① SECOND FLOOR PLAN - AREA 'B'
SCALE: 3/32" = 1'-0"



MATCHLINE
REFER TO SHEET ME-13
FOR CONTINUATION

FILE NO: 17116.00
 DATE: 10/15/2024
 PROJECT: ADDISON ATHLETIC CLUB

