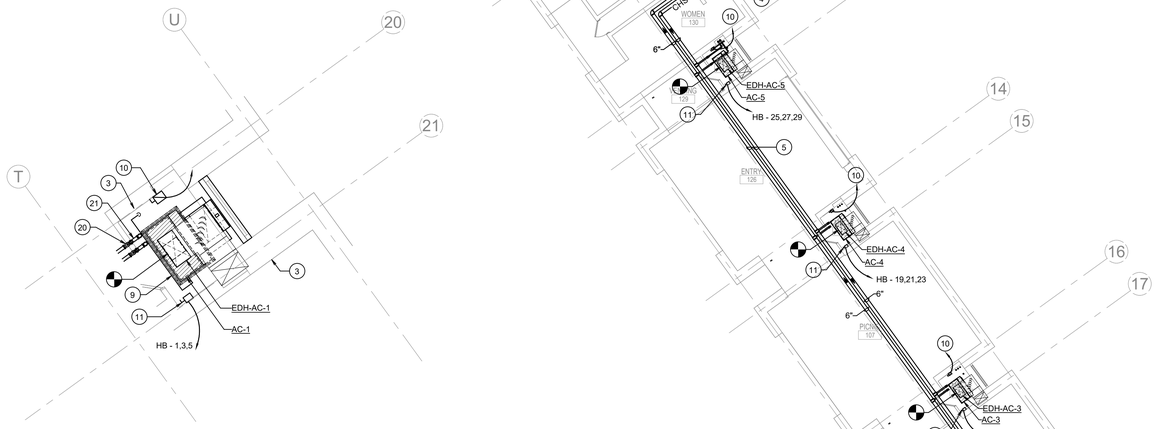
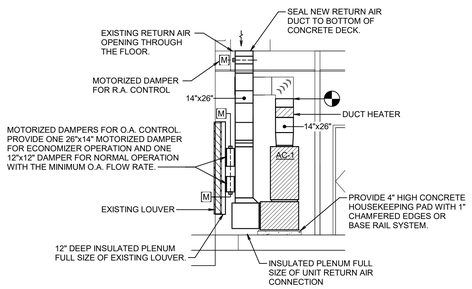


PLAN NORTH TRUE NORTH

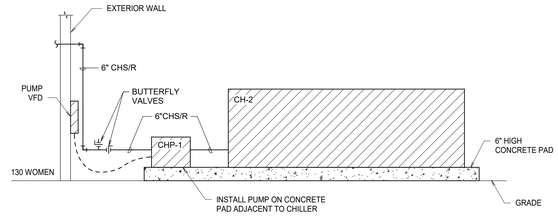
2 PARTIAL FLOOR PLAN - GROUND FLOOR - CARDIO WING

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



3 SECTION - AC-1 (TYPICAL) - CARDIO WING

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



4 CHILLER CH-2 SECTION

NO SCALE

PLAN NORTH TRUE NORTH

1 GROUND FLOOR PLAN - AREA 'B'

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

NOTES BY SYMBOL '◯':

1. PROVIDE MANUFACTURERS RECOMMENDED CLEARANCES FOR SERVICE AND AIR FLOW. CONTRACTOR TO LOCATE CHILLER TO MINIMIZE IMPACT TO EXISTING LANDSCAPING. CONFIRM MODIFICATIONS TO SITE PRIOR TO MAKING ANY CHANGES TO THE EXISTING CONDITIONS.
2. PROVIDE 6" THICK CONCRETE PAD WITH 1" CHAMFERED EDGES. PAD SHALL BE 4" LARGER THAN THE CHILLER SKID IN EACH DIRECTION.
3. SLEEVE PIPE PENETRATIONS THROUGH WALL AND SEAL TO BE WATERPROOF.
4. INSULATE PIPING OUTSIDE BUILDING AND COVER WITH AN ALUMINUM JACKET.
5. PIPING SHALL BE INSTALLED TIGHT TO BOTTOM OF THE STRUCTURE ADJACENT TO THE FIRE PROTECTION PIPING. THE PIPING INSTALLED IN THE RESTROOMS AND PICNIC AREAS SHALL BE INSULATED AND WRAPPED WITH A WHITE PVC JACKET.
6. PIPING INSIDE THE BUILDING SHALL BE INSULATED AND WRAPPED WITH A PVC JACKET.
7. 1-1/4" CHS/R PIPING UP TO CEILING MOUNTED CASSETTE UNITS. PROVIDE BALL VALVES IN MECH. ROOM TO ISOLATE THE CASSETTE UNITS FROM THE AIR HANDLING UNITS.
8. 3/4" CONDENSATE DRAIN FROM CEILIING MOUNTED CASSETTE UNITS TO HUB DRAIN IN MECH. ROOM.
9. 3/4" CONDENSATE DRAIN FROM AHU TO HUB DRAIN IN MECH. ROOM.
10. PROVIDE NEW 30/3/15AF FUSED DISCONNECT SWITCH FOR NEW AIR HANDLING UNIT. RE-CONNECT TO EXISTING FEEDER. PROVIDE (3) #12 & #12 GROUND IN 3/4" FLEXIBLE METAL CONDUIT FROM NEW DISCONNECT SWITCH TO NEW AIR HANDLING UNIT. FIELD VERIFY EXISTING CONDITIONS PRIOR TO FINAL INSTALLATION.
11. PROVIDE NEW 60/3/NF NON-FUSED DISCONNECT SWITCH FOR NEW ELECTRIC DUCT HEATER. PROVIDE NEW ELECTRICAL BRANCH CIRCUIT AS SHOWN. PROVIDE ALL ELECTRICAL TERMINATIONS TO DUCT HEATER.
12. PROVIDE SINGLE FEEDER FROM DISTRIBUTION PANELBOARD TO AIR COOLED CHILLER PACKAGE FACTORY MOUNTED DISCONNECT SWITCH AS SHOWN.
13. PROVIDE NEW WALL MOUNTED PANELBOARDS. REFERENCE SHEET ME-41 FOR DETAILS.
14. NEW PAD MOUNTED TRANSFORMER AND ASSOCIATED METER BY ONCOR. TRANSFORMER PAD BY CONTRACTOR PER ONCOR DESIGN AND CONSTRUCTION STANDARDS. CONTRACTOR SHALL PROVIDE TWO (2) 4" CONDUITS UNDERGROUND TO AND CONDUIT POLE RISER UP ONCOR ELECTRICAL UTILITY POLE NORTH OF TRANSFORMER LOCATION. COORDINATE EXACT POLE LOCATION WITH ONCOR. PROVIDE SECONDARY ELECTRICAL FEEDER TO NEW DISTRIBUTION PANELBOARD MDP3. REFERENCE SHEET ME-41 FOR DETAILS.
15. PROVIDE GFCI RECEPTACLE WITH WEATHERPROOF COVER. PROVIDE 120V CIRCUIT FROM EXISTING PANELBOARD 'LV2D3'.
16. PROVIDE 120V CIRCUIT FROM EXISTING PANELBOARD 'LV2D3' FOR CHILLER CONTROLS AND CONTROL PANEL. COORDINATE EXACT REQUIREMENTS WITH CHILLER MANUFACTURER'S SPECIFICATIONS PRIOR TO ROUGH-IN.
17. PROVIDE 208V CIRCUIT FROM EXISTING PANELBOARD 'LV2D3' FOR POWER TO NEW HVAC UNIT. PROVIDE NEW 2-POLE, 45A CIRCUIT BREAKER IN PANELBOARD. PROVIDE 2#6 & #10 GROUND IN 3/4" CONDUIT.
18. ROUTE 3/4" PVC CONDENSATE DRAIN TO NEAREST FLOOR DRAIN. MAINTAIN 1/8" PER FOOT SLOPE.
19. PROVIDE A 6" DIA. TEE IN CHS/R PIPING. INSTALL A VALVE AND A BLIND FLANGE TO BE USED FOR CONNECTION TO A RENTAL CHILLER IN THE EVENT THAT CH-2 IS NOT OPERATIONAL. INSULATE AND SEAL THE ENTIRE ASSEMBLY.
20. BALL VALVES FOR ISOLATION OF BRANCH PIPING IN MECHANICAL ROOM. TYPICAL FOR ALL AHU'S.
21. 2" CHS/R PIPING TO AHU IN MECHANICAL ROOM WITH 1-1/4" VALVE AND CAP FOR FUTURE CONNECTION.

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REGISTRATION

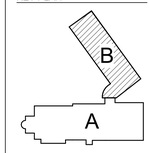
STATE OF TEXAS — J. MIKE ADCOCK — 86850 — LICENSED PROFESSIONAL ENGINEER — 4/1/18

STATE OF TEXAS — DAVID M. BOON — 95600 — LICENSED PROFESSIONAL ENGINEER — 2018.04.17

DRAWING HISTORY

No	DATE	DESCRIPTION
	9/17/2018	ISSUE FOR BID

KEY PLAN



PROJECT NAME
ADDISON ATHLETIC CLUB - HVAC IMPROVEMENTS

PROJECT LOCATION
3900 BELTWAY DR.
ADDISON, TX 75001

PROJECT NUMBER
17116.00

SHEET TITLE
GROUND FLOOR PLAN - AREA 'B'

SHEET NUMBER
ME-12

FILE PATH: C:\Revit Local Files\2018\1716-Addison Athletic Club-RWB-2018_jonorian.rvt
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PLOT SCALE:As indicated