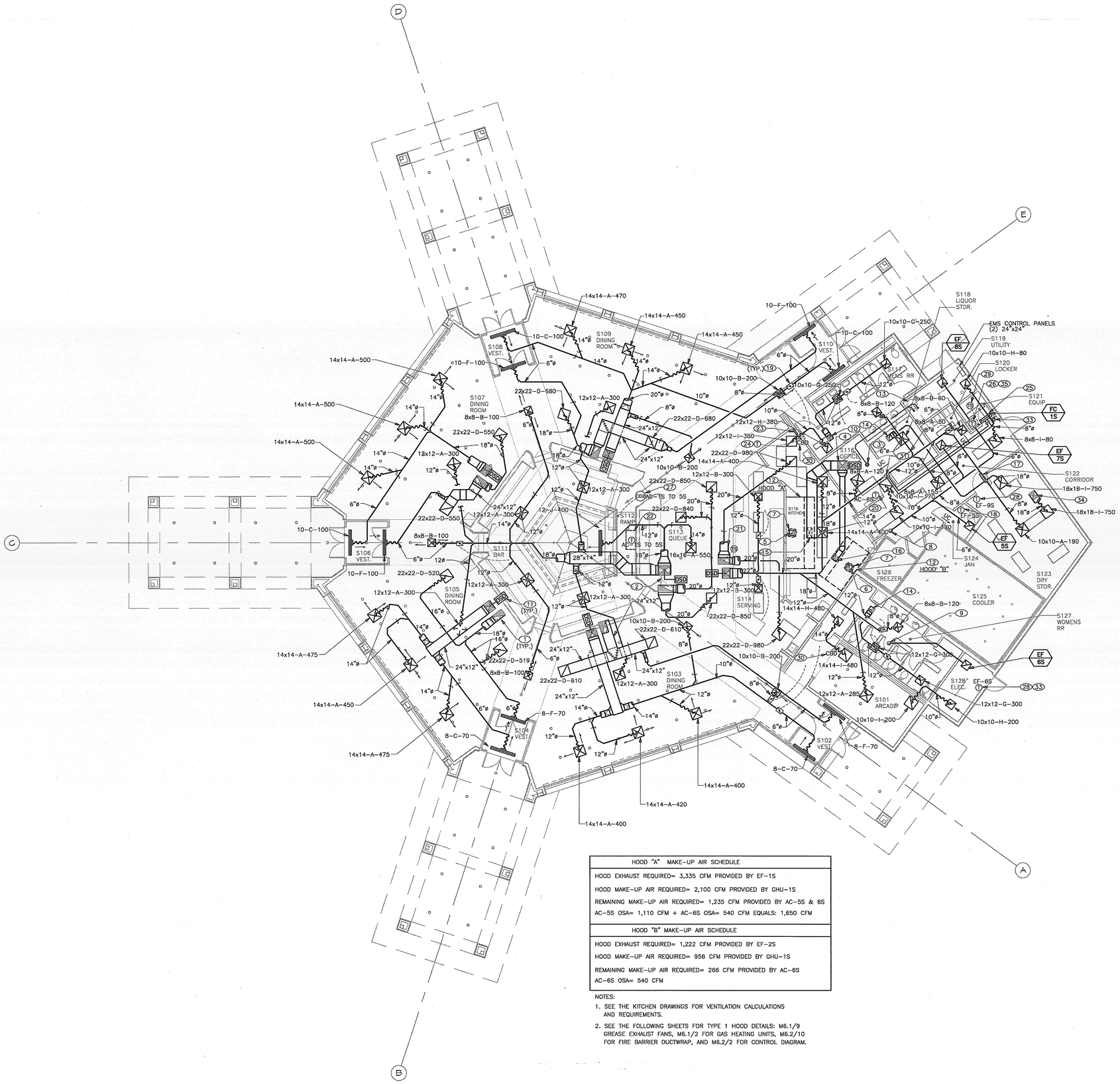

SHEET NOTES

1. 23"x18" LINED SUPPLY AND 15"x27" LINED RETURN AIR DUCTS UP THRU' ROOF TO A/C UNIT.
2. 23"x29" LINED SUPPLY AND 17"x36" LINED RETURN AIR DUCTS UP THRU' ROOF TO A/C UNIT.
3. 4"ø PVC VENT AND INTAKE TO 4-1/2"ø APPROVED CONCENTRIC VENT UP THRU' ROOF.
4. 24"x24" MAKE-UP AIR DUCT UP THRU' ROOF TO GAS HEATING UNIT WITH EVAPORATIVE COOLER & COOLING COIL.
5. 12"x12" STAINLESS STEEL GREASE EXHAUST DUCT UP THRU' ROOF TO GREASE EXHAUST FAN AND DOWN TO HOOD CONNECTION. TRANSITION DUCT AS NECESSARY.
6. 12"x9" STAINLESS STEEL GREASE EXHAUST DUCT UP THRU' ROOF TO GREASE EXHAUST FAN AND DOWN TO HOOD CONNECTION. TRANSITION DUCT AS NECESSARY.
7. FIRE BARRIER DUCT WRAP. SEE SHEET M-6.2 DETAIL 10.
8. 10"ø EXHAUST AIR DUCT UP THRU' ROOF TO ROOF CAP.
9. 8"ø EXHAUST AIR DUCT UP THRU' ROOF TO ROOF CAP.
10. 10"x10" EXHAUST AIR DUCT UP THRU' ROOF TO EXHAUST FAN.
11. DUCT SMOKE DETECTOR TO SHUT DOWN UNIT UPON DETECTION AND SEND SIGNAL TO BUILDING FIRE ALARM PANEL. DUCT SMOKE DETECTOR AND WIRING TERMINATIONS BY ELECTRICAL AND INSTALLED BY MECHANICAL.
12. TYPE 1 HOOD BY FOOD SERVICE.
13. WATER HEATER. SEE PLUMBING PLANS FOR EXACT LOCATION.
14. 12"x12" EXHAUST AIR DUCT UP THRU' ROOF TO EXHAUST FAN.
15. 24"x12" MAKE-UP AIR DUCT DOWN TO HOOD CONNECTION. TRANSITION DUCT AS NECESSARY (2100 CFM).
16. 12"x12" MAKE-UP AIR DUCT DOWN TO HOOD CONNECTION. TRANSITION DUCT AS NECESSARY (956 CFM).
17. 24"x12" DOOR LOUVER BY G.C.
18. WALL MOUNTED TWIST TIMER FOR EXHAUST FAN. MOUNT AT 48" A.F.F.
19. YOUNG REGULATOR. SEE SHEET M-6.1 DETAIL 11. INSTALL PLATE COVER AS INDICATED.
20. ELECTRONIC T-STAT. MOUNT AT 48" A.F.F. (WITHOUT TEMPERATURE SENSOR. TEMPERATURE SENSOR MOUNTED IN RETURN AIR DUCT).
21. DUCT MOUNTED TEMPERATURE SENSOR.
22. ELECTRONIC T-STAT. WITH HEAVY-DUTY KEYED LOCKABLE COVER. MOUNT AT 48" A.F.F. (WITHOUT TEMPERATURE SENSOR). REMOTE TEMPERATURE SENSORS LOCATED AT CEILING BY C.C. ONE FOR EACH UNIT.
23. ON/OFF-HEAT/VENT/COOL REMOTE CONSOLE FOR KITCHEN HOOD. MOUNT AT 48" A.F.F.
24. T-STAT. FOR GAS HEATING UNIT W/ EVAPORATIVE COOLER & COOLING COIL. MOUNT AT 48" A.F.F.
25. MOUNT DUCTLESS FAN COIL UNIT ABOVE DOOR.
26. WIRELESS REMOTE CONTROLLER. MOUNT ON WALL AT 48" A.F.F.
27. CO2 SENSOR. MOUNT AT 72" A.F.F.
28. LINE VOLTAGE T-STAT. TO EXHAUST FAN. MOUNT AT 48" A.F.F.
29. TEMPERATURE SENSOR BY C.C. (BLANK-FACE TYPE) FOR ANNUNICIATOR MONITORING.
30. COUNTER-BALANCE TYPE BACKDRAFT DAMPER (CBD).
31. 3/8" (RL) & 3/4" (RS) REFRIGERANT PIPING UP THRU' ROOF TO CONDENSING UNIT AND DOWN INSIDE WALL TO FAN COIL UNIT.
32. PROVIDE NEOPRENE PAD WITH BACKING PLATE.
33. ANNUNCIATED LIGHT INDICATING SPACE HIGH TEMP. BY C.C. SEE ARCHITECTURAL PLANS FOR EXACT LOCATION. PROVIDE KELE STB WALL MOUNTED STROBE W/O HORN.
34. 16"x16" FRESH AIR DUCT UP THRU' ROOF TO GRAVITY INTAKE HOOD.
35. PROVIDE KEYED LOCKABLE COVER.

HOOD "A" MAKE-UP AIR SCHEDULE
HOOD EXHAUST REQUIRED= 3,335 CFM PROVIDED BY EF-1S
HOOD MAKE-UP AIR REQUIRED= 2,100 CFM PROVIDED BY GHU-1S
REMAINING MAKE-UP AIR REQUIRED= 1,235 CFM PROVIDED BY AC-5S & 6S
AC-5S OSA= 1,110 CFM + AC-6S OSA= 540 CFM EQUALS: 1,650 CFM

HOOD "B" MAKE-UP AIR SCHEDULE
HOOD EXHAUST REQUIRED= 1,222 CFM PROVIDED BY EF-2S
HOOD MAKE-UP AIR REQUIRED= 956 CFM PROVIDED BY GHU-1S
REMAINING MAKE-UP AIR REQUIRED= 266 CFM PROVIDED BY AC-6S
AC-6S OSA= 540 CFM

NOTES:

1. SEE THE KITCHEN DRAWINGS FOR VENTILATION CALCULATIONS AND REQUIREMENTS.
2. SEE THE FOLLOWING SHEETS FOR TYPE 1 HOOD DETAILS: M6.1/9 GREASE EXHAUST FANS, M6.1/2 FOR GAS HEATING UNITS, M6.2/10 FOR FIRE BARRIER DUCTWRAP, AND M6.2/2 FOR CONTROL DIAGRAM.

GENERAL NOTES

A. ALL DOOR UNDERCUTS INDICATED ON FLOOR PLANS SHALL BE 3/4" MIN. ABOVE THRESHOLD.

B. CONTRACTOR SHALL COORDINATE ALL DOOR LOUVER AND UNDERCUT LOCATIONS WITH THE APPROPRIATE TRADES AND GENERAL CONTRACTOR PRIOR TO CONSTRUCTION.

C. CONTRACTOR SHALL CONFIRM FINAL REFRIGERANT PIPE SIZING UPON DETERMINATION OF ACTUAL DEVELOPED LENGTH.

D. CONTRACTOR SHALL COORDINATE ALL LOCATIONS OF DUCT PENETRATIONS THRU' SHEER WALLS WITH GENERAL CONTRACTOR. NO DUCT PENETRATIONS THRU' SHEER WALLS UNLESS SPECIFICALLY SHOWN ON STRUCTURAL PLANS.

E. CONTRACTOR SHALL REFER TO MECHANICAL AND ARCHITECTURAL PLANS FOR EXTERIOR WALL LOUVER LOCATIONS PRIOR TO FABRICATION AND INSTALLATION. CONTACT THE ENGINEER IMMEDIATELY IF THERE ARE CONFLICTS. REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHTS. IF MOUNTING HEIGHTS ARE NOT INDICATED, THEN THE CONTRACTOR SHALL RECEIVE FINAL APPROVAL FROM THE ARCHITECT PRIOR TO FABRICATION AND INSTALLATION.

PROJECT NORTH

Stadium Club - Mechanical Floor Plan | Scale: 1/8"=1'-0" | 1

MIG
MOORE IACOFANO GOLTSMAN, INC.
801 N. HARBOR BLVD. FULLERTON, CA 92831
TEL 714/871-3638 FAX 714/871-1188
www.miginc.com

PITASSI ARCHITECTS, INC.
8439 White Oak Ave., Suite. 105
Rancho Cucamonga, Ca 91730
Tel. 909-980-1361 ■ Fax. 909-944-5814
e-mail. pjpaia@pitassiarchitects.com

CONSULTANT:

GLUMAC
16735 Von Karman Ave., Suite 250
Irvine, CA 92606-4955
T. 949.830.8190 F. 949.833.0252
www.glumac.com
Job No.. 40813API
Contact: RGIAK
engineers for a sustainable future

PERRIS VALLEY Big League Dreams

2155 Trumble Road
Perris, California 92570

SHEET TITLE
STADIUM CLUB MECHANICAL FLOOR PLAN

100% CONSTRUCTION DOCUMENT

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