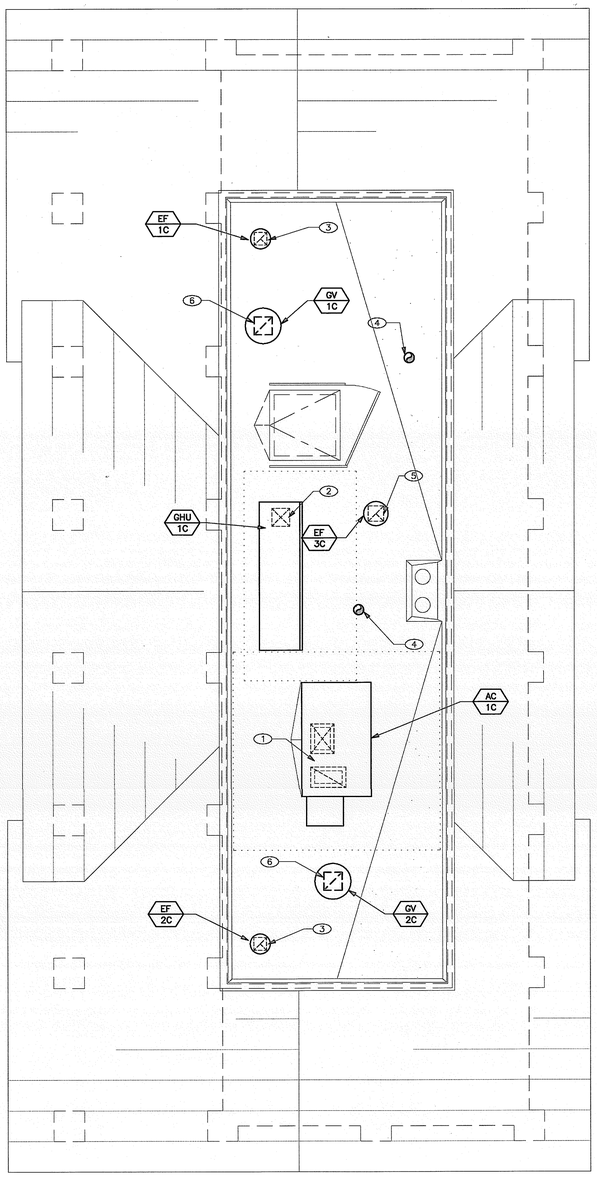


PROJECT NORTH

Concessions Building - Mechanical Roof Plan

Scale: 1/4"=1'-0" | 2

SHEET NOTES

1. 23"x18" LINED SUPPLY AND 15"x27" LINED RETURN AIR DUCTS DOWN THRU' ROOF.
2. 12"x12" MAKE-UP AIR DUCT DOWN THRU' ROOF.
3. 10"x10" EXHAUST AIR DUCT DOWN THRU' ROOF.
4. 8"ø EXHAUST AIR DUCT WITH ROOF CAP.
5. 8"x8" STAINLESS STEEL GREASE EXHAUST DUCT DOWN THRU' ROOF.
6. 14"x14" MAKE-UP AIR DUCT DOWN THRU' ROOF.

GENERAL NOTES

A. FRESH AIR INTAKES SHALL BE 10'-0" MIN. AWAY FROM ALL EXHAUST OUTLETS, PLUMBING VENTS, AND FLUES.

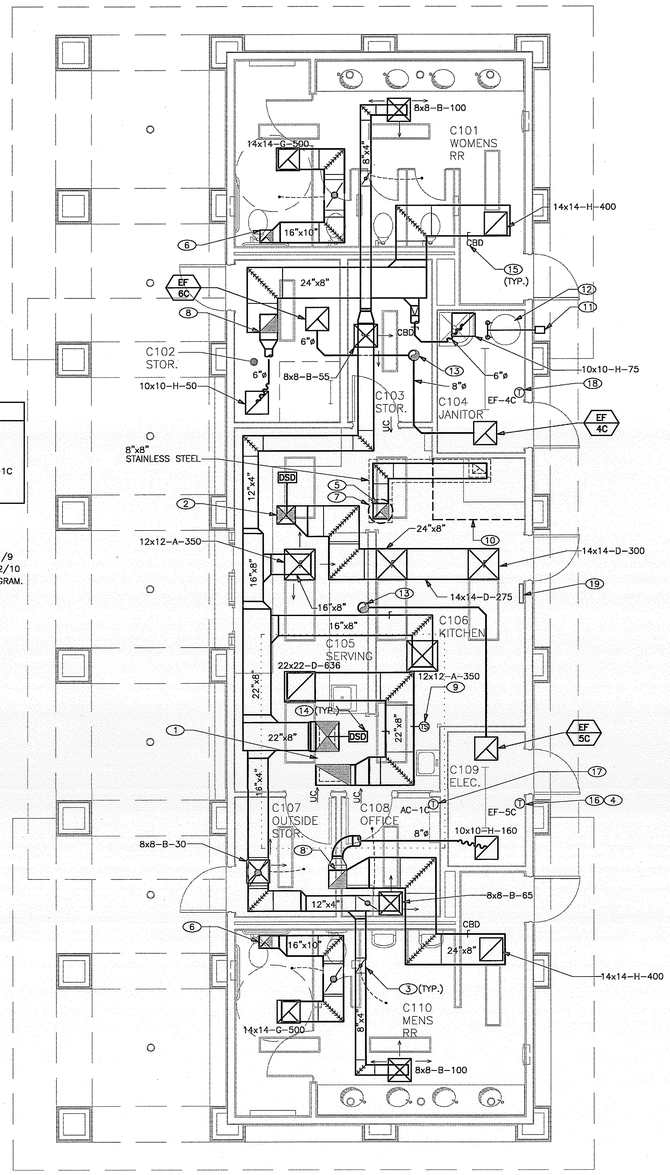
B. MAINTAIN MANUFACTURER MIN. CLEARANCES ON ALL ROOF-TOP MECHANICAL EQUIPMENT.

Mechanical Roof Key Plan Notes

HOOD MAKE-UP AIR SCHEDULE
HOOD EXHAUST REQUIRED= 789 CFM PROVIDED BY EF-3C
HOOD MAKE-UP AIR REQUIRED= 575 CFM PROVIDED BY GHU-1C
REMAINING MAKE-UP AIR REQUIRED= 214 CFM PROVIDED BY AC-1C
AC-1C OSA= 414 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.



PROJECT NORTH

Concessions Building - Mechanical Floor Plan

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

SHEET NOTES

1. 23"x18" LINED SUPPLY AND 15"x27" LINED RETURN AIR DUCTS UP THRU' ROOF TO A/C UNIT.
2. 12"x12" MAKE-UP AIR DUCT UP THRU' ROOF TO GAS HEATING UNIT W/ EVAPORATIVE COOLER.
3. YOUNG REGULATOR. SEE SHEET M-6.1 DETAIL 11. INSTALL PLATE COVER AS INDICATED.
4. PROVIDE NEOPRENE PAD WITH BACKING PLATE.
5. 8"x8" STAINLESS STEEL GREASE EXHAUST DUCT UP THRU' ROOF TO GREASE EXHAUST FAN AND DOWN TO HOOD CONNECTION. TRANSITION DUCT AS NECESSARY.
6. 10"x10" EXHAUST AIR DUCT UP THRU' ROOF TO EXHAUST FAN.
7. FIRE BARRIER DUCT WRAP. SEE SHEET M-6.2 DETAIL 10.
8. 14"x14" MAKE-UP AIR DUCT UP THRU' ROOF TO GRAVITY INTAKE HOOD.
9. DUCT MOUNTED TEMPERATURE SENSOR.
10. TYPE I HOOD BY FOOD SERVICE.
11. 3"ø PVC VENT AND INTAKE TO 4-1/2"ø APPROVED HORIZONTAL CONCENTRIC VENT THRU' WALL. SEE SHEET M-6.3 DETAIL 8.
12. WATER HEATER. SEE PLUMBING DRAWINGS FOR EXACT LOCATION.
13. 8"ø EXHAUST AIR DUCT UP THRU' ROOF TO ROOF CAP.
14. DUCT SMOKE DETECTOR TO SHUT DOWN A/C UNIT UPON DETECTION AND SEND SIGNAL TO BLDG. FIRE ALARM PANEL. DUCT SMOKE DETECTOR AND WIRING TERMINATIONS BY ELECTRICAL AND INSTALLED BY MECHANICAL.
15. COUNTER-BALANCE TYPE BACKDRAFT DAMPER (CBD).
16. LINE VOLTAGE T-STAT. TO EXHAUST FAN. MOUNT AT 48" A.F.F.
17. ELECTRONIC, PROGRAMMABLE T-STAT. MOUNT AT 48" A.F.F. (WITHOUT TEMPERATURE SENSOR. TEMPERATURE SENSOR MOUNTED IN RETURN AIR DUCT).
18. WALL MOUNTED TWIST TIMER FOR EXHAUST FAN. MOUNT AT 48" A.F.F.
19. ON/OFF-HEAT/VENT/COOL REMOTE CONSOLE FOR KITCHEN HOOD. MOUNT AT 48" A.F.F.

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

Mechanical Floor Key Plan Notes

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SHEET TITLE
CONCESSIONS BUILDING MECHANICAL PLANS

100% CONSTRUCTION DOCUMENT

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STAMP

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JOB NO. 05208.00	
SCALE AS NOTED	