



MEZZANINE A/C PLAN

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

A/C NOTES:

CONTRACTOR SHALL VERIFY EXIST. FCU-1 & ACCU-1 (ON ROOF)

THE CAPACITY, DUCT DIMENSIONS AND SUPPORT BEFORE REPLACING THE UNITS.

INC UNITS.

BEFORE REPLACING THE UNITS. CONTRACTOR TO CHECK THE ELECTRICAL REQUIREMENTS FOR RECONNECTION REQUIRED.

24x16 OA INTAKE LOUVER CONNECT TO EXIST. 8/8 EXH. ON ROOF 4'x3' OA INTAKE 1 LOUVER @WALL. EF-3 REPLACE (E FCU-1 W/ NEW UNT. 8/6 EXH. 8/6 EXH. FCU-12'-0"x3'-6 HOOD FCU-TP 1"FILTER BANK EF-1 ON ROOF (7) 27/06 AGCU-2 ON ROOF 18x18 S 945 CFM REPLACE (E)SAD W/ NEW-300 CFM

FIRE DEPT NOTES A/C & VENTILATION PLAN

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

The Automatic Fire Extinguishing System shall be installed in accordance with the Mechanical Code, their listing, and the manufacturer's instruction. UFC 1997, section 1006.

"Automatic fire extinguishing systems shall be interconnected to the fuel or current supply for cooking equipment. The interconnection shall be arranged to automatically shut off all cooking equipment and electrical receptacles which are located under the hood when the system is activated. Shut off valves or switches shall be of the types that require manual operation to reset, UFC 1997, section 100.2 2.4.1"

"Grease ducts and plenums serving a Type I hood shall be constructed of at least 0.0055 inch thick (16 gage) steel or stainless steel at least 0.0044 inch (18 gage) in thickness. Exhaust fan housings serving a Type I hood shall be constructed of steel. Joints and seams shall be made with a continuous liquid tight weld or braze made on the external surface of the duct system. Duct bracing and supports shall be of noncombustible material; securely attached to the structure and designed to carry gravity and lateral loads within the stress limitations of the Building Code. Bolts, screws, rivets, and other mechanical fasteners shall not penetrate duct walls, UMC 1997, section 508.1.1.

"Ducts exposed to the outside atmosphere or subject to a corrosive environment shall

\*Duct systems serving a Type I hod shall slope not less the toward the hood or toward an approved grease reservoir.

"Grease duct systems shall not hive openings therein othe proper operation and maintenanc of the system. Any por sections inaccessible from the dut entry or discharge shall adequate cleanout openings. UnC 1997, section 508.3."

Duct Enclosure: A grease duct string a Type I hood which wall, or floor shall be enclosed in I duct enclosure from the duct may only penetrate exterior alls at locations where un permitted by the Building Code. I luct enclosures shall be or resistive construction in all building and shall be of two hou construction in Types I and II fire sistive buildings. The diseased around the duct at the poil of penetration and venic weather protected openings. The closure shall be separa least 3 inches and not more than 2 inches and shall serve duct system. UMC 1997, section 1908.4.\*

"When cleanout openings are looked in ducts within a fire enclosure, access openings sharpe provided in the shaft or cleanout point. These access opinings shall be equipped to the shaft of the shaft o

