EXHAUST FANS

NO.1 CENTRIFUGAL ROOF EXHAUSTER, DIRECT DRIVE, SINGLE SPEED. 1200 CFM x 540 RPM x 1/4" S.P. x 1/20 HP. 115V-1-60 WITH LIGHT CIRCUIT.

NO.2 CENTRIFUGAL ROOF EXHAUSTER, DIRECT DRIVE, TWO SPEED. 1200/2400 CFM x 1750/3450 RPM x 1/4"/1" S.P. x 1/2 H.P. FURNISH WITH H.I.L.O.- OFF - SELECTOR SWITCH 115V-1-60

NO.3 PROPELLER TYPE, BELT DRIVEN, DRIVE CODE VENTILATOR TWO SPEED. 3000 CFM - 1/2" S.P. 575/460 RPM FAN SPEED 1/2 H.P. 460V-3-60

NO.4 PROPELLER TYPE, BELT DRIVEN, WALL BAUT SINGLE SPEED. 2000 CFM 1/2" S.P. 460V-3-60

NO.5 CENTRIFUGAL ROOF EXHAUSTER, DIRECT DRIVE SINGLE SPEED. 1200 CFM - 1160 RPM 1/4" S.P. 1/6 HP 230V-1-60

NO.6 CENTRIFUGAL WALL EXHAUSTER, DIRECT DRIVE, SINGLE SPEED. 455 CFM - 1750 R.P.M. 1/8" S.P. 1/4 HP. 115V-1-60

HEAT PUMP UNIT

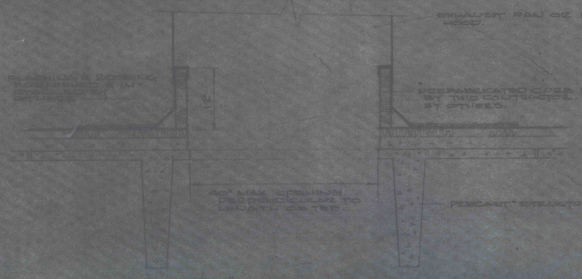
CONDITION LOAD — TOTAL LOAD 70,900 BTU/HR.
SENSIBLE LOAD 57,000 BTU/HR.
AIR ENT. INDOOR COIL — 80°F DB. 67°F WB
AIR ENT. OUTDOOR COIL — 95°F DB

HEATING LOAD — TOTAL LOAD 74,000 BTU/HR.
AIR ENT. INDOOR COIL — 70°F DB. MAX. WITH
AIR ENT. OUTDOOR COIL — ACCORDING TO
AIR ENT. OUTDOOR COIL — 40°F DB.

INDOOR FAN - 2000 CFM x 3/4 HP, 3 PHASE
MAIN SHALL BE 460V 3 60

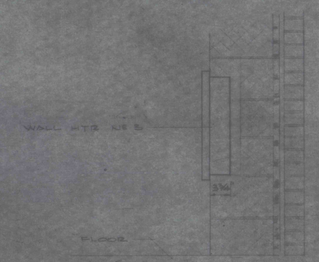
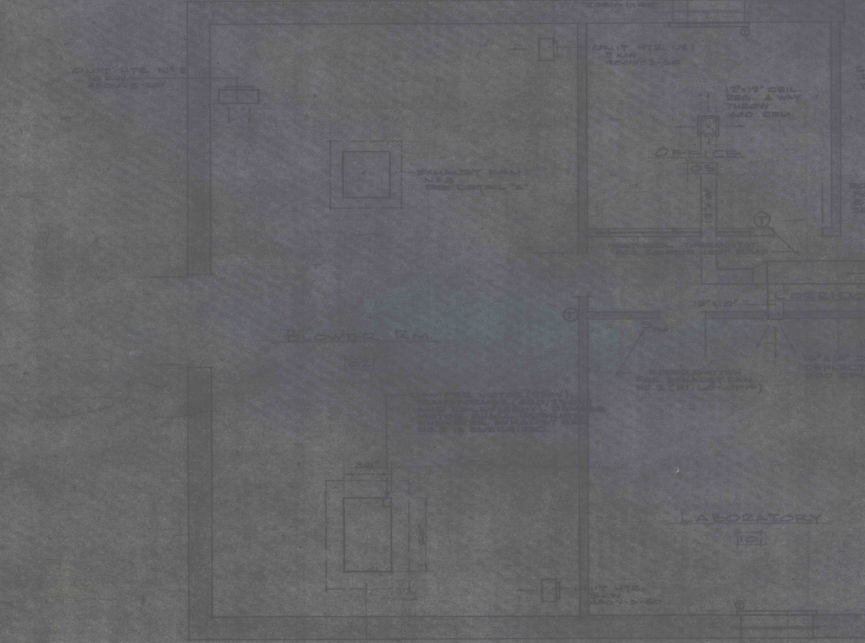
NOTES

1. THIS CONTRACTOR SHALL FURNISH AND INSTALL ALL EQUIPMENT WITH ELECTRICAL LOAD AND SHALL COORDINATE ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR.
2. ALL EXHAUST AND INTAKE FROM CONCRETE TOPS SHALL BE PREFABRICATED CORE FURNISHED BY THIS CONTRACTOR, INSTALLED BY OTHERS.
3. ALL EXHAUST AND INTAKE FROM CONCRETE TOPS SHALL BE PREFABRICATED CORE FURNISHED BY THIS CONTRACTOR, INSTALLED BY OTHERS. ALL OPENINGS THROUGH WALLS AND ROOFS ARE THE RESPONSIBILITY OF THIS CONTRACTOR. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED IN THE INSTALLATION OF EQUIPMENT FURNISHED UNDER THIS CONTRACT.
4. ALL EXHAUST AND INTAKE FROM CONCRETE TOPS SHALL BE PREFABRICATED CORE FURNISHED BY THIS CONTRACTOR, INSTALLED BY OTHERS. ALL OPENINGS THROUGH WALLS AND ROOFS ARE THE RESPONSIBILITY OF THIS CONTRACTOR. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED IN THE INSTALLATION OF EQUIPMENT FURNISHED UNDER THIS CONTRACT. THIS CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO INSURE THAT THE STRUCTURAL INTEGRITY OF THE BUILDING IS NOT IMPAIRED BY ANY OPENINGS AS IS IN NO WAY IMPAIR THE STRUCTURAL INTEGRITY OF THE BUILDING. WHERE WORK IS DIRECTED BY ENGINEER THAT WOULD IMPAIR THE STRUCTURAL INTEGRITY OF THE BUILDING, THIS CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING BEFORE PROCEEDING WITH THE WORK.
5. ALL REGISTERS & GRILLES SHALL BE FURNISHED WITH OPPOSED BLADE VOLUME CONTROL DAMPERS.
6. ALL UNIT HEATERS WITHOUT CONTROL ELEC. SHALL BE FURNISHED WITHOUT INTERNAL CONTROL THERMOSTATS.



DETAIL 'A' - PREFABRICATED CORE

DETAIL 'C' - DRAFT BARRIER



DETAIL 'D' - WALL HTR Nº 3