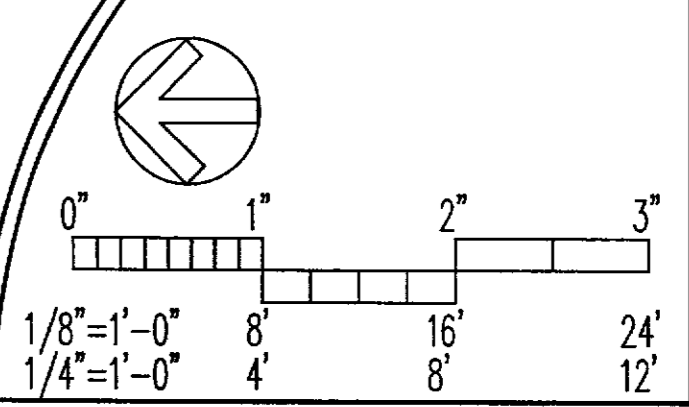
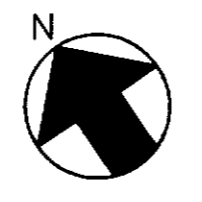


DRAWING NOTES

- 1 EXISTING EXTERIOR (PERIMETER) VAV BOX TO REMAIN. CONTRACTOR TO MAINTAIN EXISTING TOTAL AIRFLOW AT THE VAV BOX AND EACH EXISTING AIR-TITE FITTING DOWNSTREAM.
- 2 EXISTING INTERIOR VAV BOX TO REMAIN.
- 3 SUPPLY AIR DUCTWORK SUPPORTED ABOVE CEILING (TYPICAL).
- 4 EXHAUST AIR DUCTWORK SUPPORTED ABOVE CEILING (TYPICAL).
- 5 RELOCATED EXISTING 2'-0" LINEAR SUPPLY AIR DEVICE MOUNTED IN ACOUSTICAL TILE CEILING WITH NECK SIZE AND AIR VOLUME INDICATED (TYPICAL).
- 6 NEW 4'-0" LINEAR SUPPLY AIR DEVICE MOUNTED IN ACOUSTICAL TILE CEILING WITH NECK SIZE AND AIR VOLUME INDICATED (TYPICAL).
- 7 RELOCATED/NEW 24"x24" PERFORATED SUPPLY AIR DEVICE MOUNTED WITHIN ACOUSTICAL CEILING TILE WITH NECK SIZE AND AIR VOLUME INDICATED (TYPICAL).
- 8 NEW 24"x24" PERFORATED RETURN AIR DEVICE MOUNTED WITHIN ACOUSTICAL CEILING TILE WITH NECK SIZE AND AIR VOLUME INDICATED (TYPICAL).
- 9 RELOCATED 24"x12" PERFORATED RETURN AIR DEVICE MOUNTED WITHIN ACOUSTICAL CEILING TILE WITH NECK SIZE AND AIR VOLUME INDICATED (TYPICAL).
- 10 NEW 12"x12" PERFORATED SUPPLY AIR DEVICE MOUNTED WITHIN DRYWALL CEILING WITH NECK SIZE AND AIR VOLUME INDICATED. PROVIDE TRIM PANELS FOR DRYWALL INSTALLATION (TYPICAL).
- 11 NEW 12"x12" PERFORATED EXHAUST AIR DEVICE MOUNTED WITHIN DRYWALL CEILING WITH NECK SIZE AND AIR VOLUME INDICATED. PROVIDE TRIM PANELS FOR DRYWALL INSTALLATION (TYPICAL).
- 12 12"x12" PERFORATED AIR DEVICE WITH 8" NECK SIZE DUCT CONNECTION ABOVE CEILING AND RADIATION FIRE DAMPER.
- 13 RADIATION TYPE FIRE DAMPER IN DRYWALL CEILING (TYPICAL).
- 14 10"x4" AIR TRANSFER DUCT MOUNTED ABOVE CEILING.
- 15 CEILING MOUNTED EXHAUST FAN MOUNTED IN ACOUSTICAL TILE CEILING. REFER TO SHEET M-5 FOR SIZE AND CAPACITY (TYPICAL).
- 16 IN-LINE EXHAUST FAN SUPPORTED ABOVE CEILING. REFER TO SHEET M-5 FOR SIZE AND CAPACITY.
- 17 ELECTRIC WALL MOUNTED HEATER WITH INTEGRAL THERMOSTAT. REFER TO SHEET M-5 FOR SIZE AND CAPACITY (TYPICAL).
- 18 EXISTING VAV BOX. REFER TO SHEET M-5 FOR REVISED AIR QUANTITY (TYPICAL).
- 19 RELOCATED VAV BOX. REFER TO SHEET M-5 FOR REVISED AIR QUANTITY (TYPICAL).
- 20 NEW VAV BOX. REFER TO SHEET M-5 FOR REVISED AIR QUANTITY.
- 21 THERMOSTAT TO BE MOUNTED 45'-0" ABOVE FINISHED FLOOR ON WALL TO CONTROL VAV BOX (TYPICAL).
- 22 THERMOSTAT (MICROPROCESSOR) WITH HUMIDITY CONTROL MOUNTED ON WALL 45'-0" ABOVE FINISHED FLOOR.
- 23 INSULATED FLEXIBLE DUCTWORK SUPPORTED ABOVE CEILING (TYPICAL).
- 24 VOLUME DAMPER (TYPICAL).
- 25 AIR-TITE FITTINGS WITH DAMPER AND ADHESIVE GASKET (TYPICAL).
- 26 24"x14" AIR TRANSFER DUCT SUPPORTED WITHIN WALL/ABOVE CEILING WITH 1/2"x1/2" WIRE MESH SCREEN OVER DUCT OPENINGS (TYPICAL).
- 27 SMOKE DAMPER (TYPICAL).
- 28 AIR HANDLING UNIT SUPPORTED FROM STRUCTURE ABOVE CEILING. REFER TO SHEET M-5 FOR SIZE AND CAPACITY.
- 29 EXTEND 6" FLEXIBLE DUCT FOR AIRFLOW WITHIN ENCLOSE WINDOW SPACE.
- 30 8"x8" THROUGH THE WALL AIR TRANSFER DUCT ABOVE THE CEILING.
- 31 1" DOOR UNDERCUT. COORDINATE WITH ARCHITECT (TYPICAL).
- 32 ROUTE/SUPPORT REFRIGERANT PIPING FROM STRUCTURE WITHIN SECOND FLOOR CEILING.
- 33 CONTRACTOR TO FIELD VERIFY AND ROUTE REFRIGERANT PIPING ABOVE SECOND FLOOR CEILING OUT TO LOW SECOND FLOOR ROOF 150'-0" AWAY FOR CONNECTION TO AIR COOLED CONDENSING UNITS.
- 34 CONTRACTOR TO LOCATE/MOUNT AIR COOLED CONDENSING UNIT SECURELY ON THE CURBS ON LOW SECOND FLOOR ROOF. REFER TO SHEET M-5 FOR SIZE AND CAPACITY.
- 35 CONTRACTOR TO FIELD VERIFY/LOCATE EXISTING VAV BOX AND BALANCE AIRFLOW FOR A MAXIMUM AIRFLOW OF 260 C.F.M. AND MINIMUM 0 C.F.M. IF BOX IS OVERSIZE OR NOT AVAILABLE THEN A NEW TITUS VAV BOX WITH A 5" INLET IS TO BE PROVIDED.
- 36 THERMOSTAT TO BE MOUNTED 45'-0" ABOVE FINISHED FLOOR ON WALL TO CONTROL VAV BOX. VAV BOX NOT SHOWN.
- 37 PROVIDE LIQUID TIGHT SHEET METAL PAN BELOW AIR HANDLING UNIT AND PIPING. ALSO PROVIDE A LIQUITECH SENSOR IN PAN TO ALARMUSER OF WATER LEAKS AND DE-ENERGY UNIT UPON STANDING WATER. ALL VISUAL ALARMS, HARDWARE, WIRING AND ASSOCIATED CONTROLS TO BE FURNISHED BY CONTRACTOR.

**SECOND FLOOR PART PLAN-EXISTING
CONDITIONS/NEW WORK (HVAC)**
SCALE: 1/4"=1'-0"



PART PLAN-EX.COND./NEW WORK (HVAC)

REV#	DATE	REVISIONS	DESCRIPTION

**DON PENN
ENGINEERING**
CONSULTING ENGINEERS
3890 HIGHWAY 380, SUITE 101
GRAPESVILLE, TEXAS 76051
817-410-2888 FAX 817-261-0411

InSync ARCHITECTURAL DESIGNS, INC.

PHONE 410-557-9300
FAX 410-557-2983

REVISIONS TO:
RMS LIFELINE
DETROIT

SHEET
M2
2 OF 6
DATE 1/4/01
BY B.L.
CHECKED BY
1-100C GVR