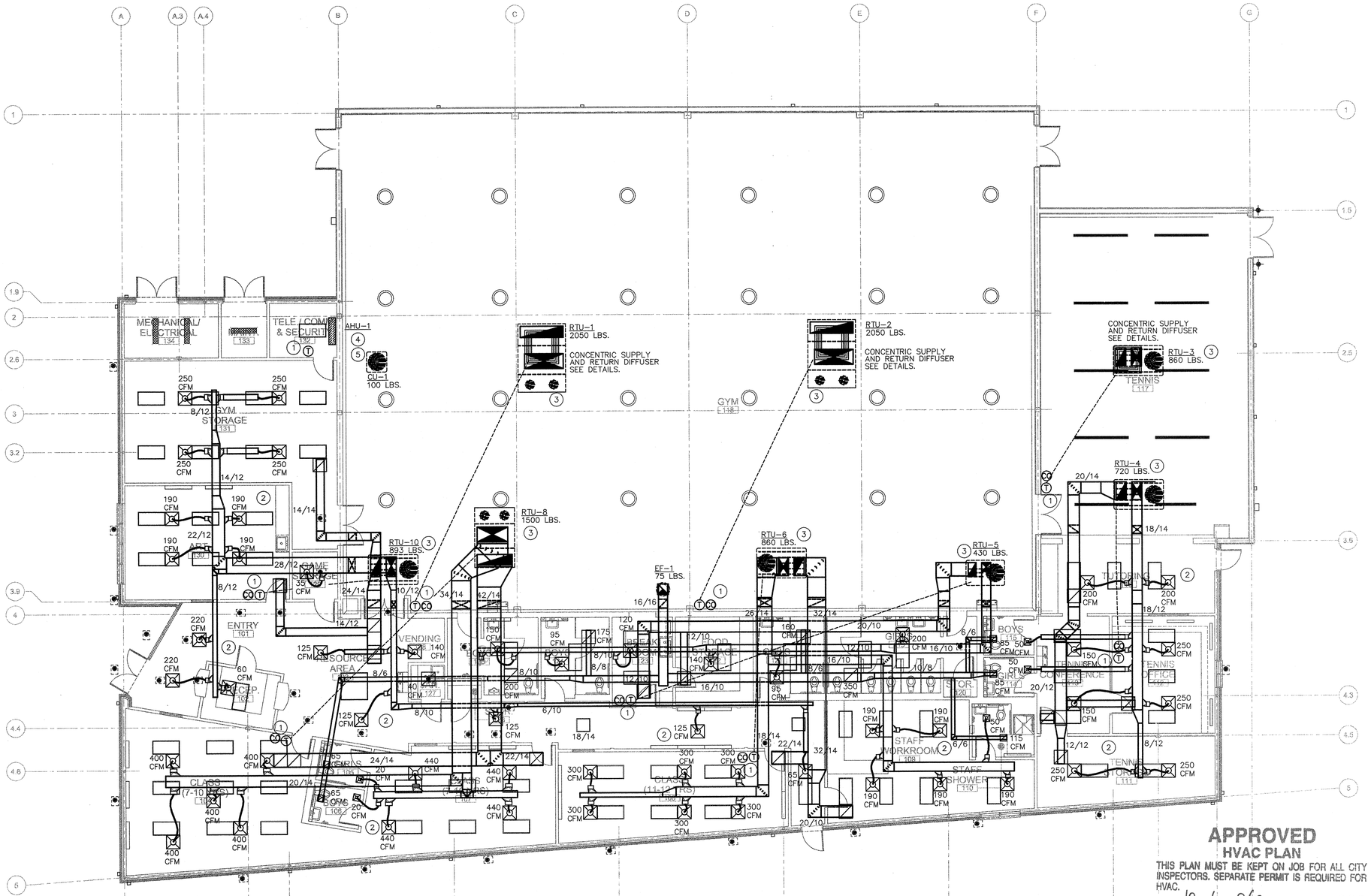
MECHANICAL GENERAL NOTES:

1. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. REFER TO M1.01 FOR LEGENDS AND ADDITIONAL NOTES. REFER TO M3.01 FOR DETAILS. REFER TO M4.01 FOR SCHEDULES.
3. CONTRACTOR SHALL VERIFY THAT SUFFICIENT RETURN AIR OPENINGS ARE PROVIDED IN WALLS ABOVE CEILING. AIR IS RETURNED TO THE CEILING PLENUM AND THEN TO THE AIR HANDLING UNITS THROUGH RETURN AIR GRILLES, ARCHITECTURAL CEILING OPENINGS AND LIGHTING FIXTURES.
4. PROVIDE REMOTE DAMPER OPERATORS FOR NON-ACCESSIBLE CEILING AREAS. COORDINATE LOCATIONS WITH ARCHITECT.
5. THE ENTIRE AIR SUPPLY SYSTEM SHALL BE BALANCED TO THE AIR QUANTITIES INDICATED ON THIS DRAWING BY AN INDEPENDENT AIR BALANCE CONTRACTOR. THE AIR BALANCE CONTRACTOR SHALL SUBMIT NEBB CERTIFIED AIR BALANCE REPORTS FOR ENGINEERING REVIEW AND TO BUILDING MANAGEMENT. PROVIDE AHU DRIVE ADJUSTMENTS AS REQUIRED.
6. FLEXIBLE DUCTWORK LENGTHS SHALL NOT EXCEED 8'-0". USE INSULATED RIGID ROUND DUCTWORK WHERE REQUIRED. ALL NEW FLEXIBLE DUCTWORK CONNECTIONS TO AIR DEVICES SHOWN ON THE DRAWING SHALL BE SIZED ACCORDING TO THE NECK SIZE SCHEDULE.
7. PROVIDE IECC COMPLIANT ELECTRONIC PROGRAMMABLE THERMOSTATS FOR EACH RTU.
8. ALL DUCTWORK TO BE ROUTED TIGHT TO STRUCTURE UNLESS OTHERWISE NOTED.

MECHANICAL KEYED NOTES:

1. LOCATE PROGRAMMABLE THERMOSTAT WHERE SHOWN. ALL DEVICE LOCATIONS ARE TO BE APPROVED IN THE FIELD PRIOR TO INSTALLATION. ALL THERMOSTATS ARE TO HAVE WHITE COVERS AS APPROVED BY THE ARCHITECT.
2. COORDINATE LOCATION OF AIR DEVICES WITH ARCHITECT.
3. INSTALL NEW RTU WITH ELECTRIC HEAT. SEE SCHEDULES AND DETAILS. ROUTE 1" INSULATED CONDENSATE LINE FROM RTU TO APPROVED RECEPTOR IN JANITORS CLOSET. AUXILARY DRAINS TO ROUTE TO JANITORS CLOSET MOP SINK.
4. REFRIGERANT LINES FROM AHU TO MECHANICAL CONDENSING UNIT. SIZE PER MANUFACTURERS RECOMMENDATIONS. FIELD VERIFY EXACT ROUTE TO THE ROOF AND LOCATION OF CONDENSING UNITS.
5. REFRIGERANT LINES ROUTED TIGHT TO STRUCTURE AND SIZED PER MANUFACTURERS INSTRUCTIONS. INSULATE AND INSTALL LINES PER SPECIFICATIONS AND DETAILS.



APPROVED
HVAC PLAN
THIS PLAN MUST BE KEPT ON JOB FOR ALL CITY INSPECTORS. SEPARATE PERMIT IS REQUIRED FOR HVAC.
10-6-06
NO. 393

N
0 8'0" 16'0"
SCALE: 1/8" = 1'0"

MECHANICAL PLAN 01

E/B/E, Inc.
ELECTRICAL/MECHANICAL CONSULTING ENGINEERS
Firm Registration No: 5638
Tel.: (713) 840-0177
Fax: (713) 840-8677

CRAIG KOEHN 61132 REGISTERED PROFESSIONAL ENGINEER 08/08/06

Community Family Centers
Centros Familiares de la Comunidad

John P. McGovern, M.D.
Community Sports & Recreation Building
7318 AVENUE F
HOUSTON, TEXAS 77011

THATS ARCHITECTURE
2402 COMMONWEALTH #100, HOUSTON, TX 77006
TELEPHONE 713/222-1406 FAX 713/222-1506

ISSUES & REVISIONS
08/07/06 BID AND PERMIT

SHEET TITLE
MECHANICAL PLAN

PROJECT NO. 06120.00
SCALE AS NOTED

SHEET NUMBER
M02.01