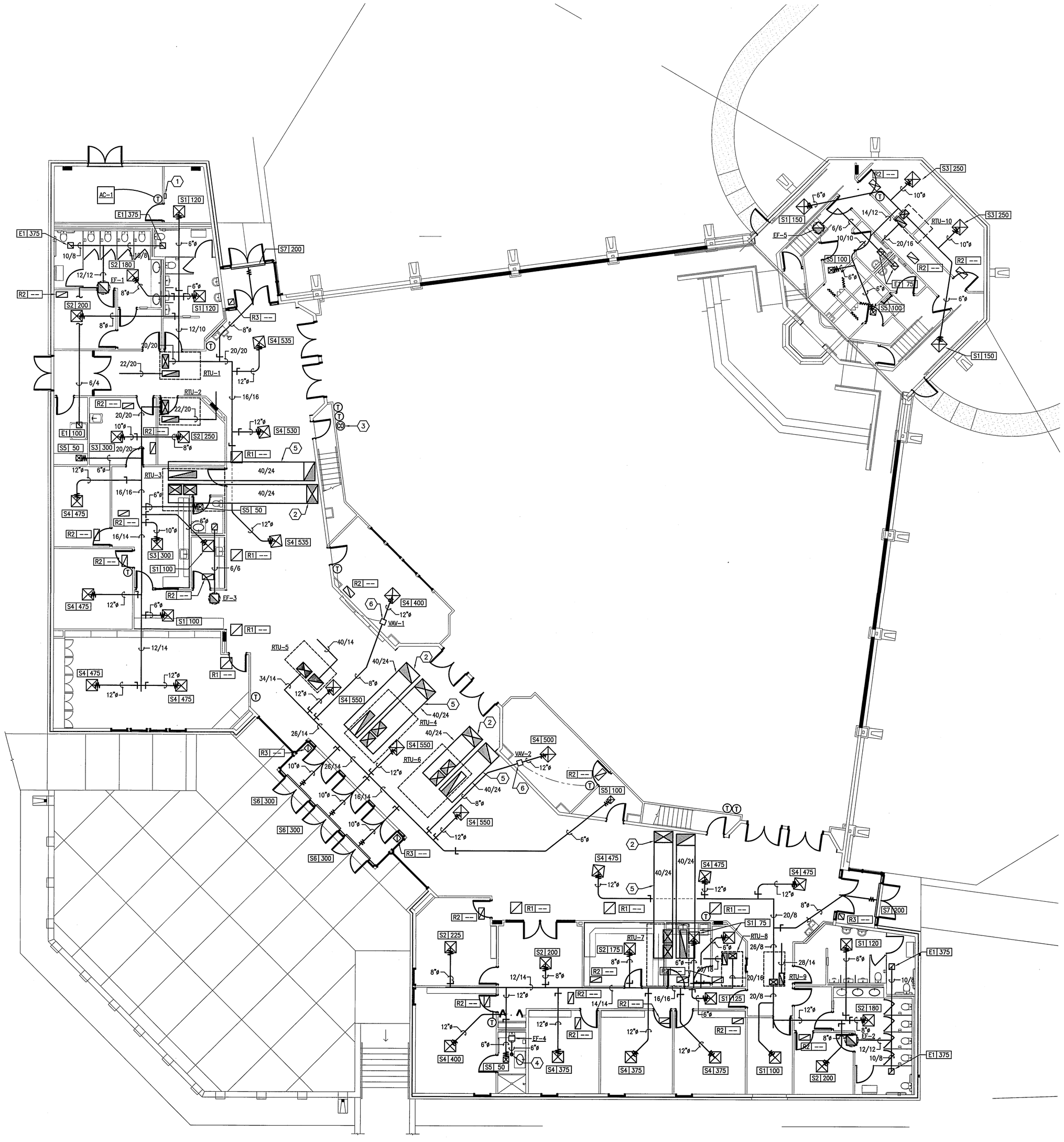

MECHANICAL PLAN – FIRST FLOOR (1 / M1.01)

1/8" = 1'-0"

NOTES BY SYMBOL "#"

1. PROPOSED LOCATION OF TIMECLOCK THAT SERVES EXHAUST FANS AND CIRCULATION PUMP. TIMECLOCK TO BE TORK K800Z SERIES OR APPROVED EQUAL. PRIOR TO INSTALLING, CONFIRM EXACT LOCATION WITH THE OWNER.
2. 40/24 SUPPLY AND RETURN DUCT UP THROUGH THE ROOF. REFER TO SHEET M1.02 FOR CONTINUATION.
3. MOUNT CO2 SENSOR ON THE WALL NEXT TO THE THERMOSTAT.
4. 6"ø EXHAUST DUCT UP THROUGH THE ROOF AND TERMINATE WITH A RAIN CAP.
5. ROUTE SUPPLY AND RETURN DUCT BETWEEN ROOF TRUSSES.
6. INSTALL A 8" VAV BOX EQUAL TO A ENVIRO-TEC SDR. VAV BOX TO HAVE A CONTROL AND THERMOSTAT THAT OPERATES IN BOTH HEATING AND COOLING MODES.

GENERAL SHEET NOTES

1. ALL DUCTWORK TO BE ROUTED BETWEEN AND THROUGH THE LIGHT GAUGE TRUSSES. CONTRACTOR TO COORDINATE ROUTING OF DUCT MAINS WITH TRUSSES BEFORE FABRICATING AND INSTALLING ANY DUCTWORK. COORDINATE CLOSELY WITH STRUCTURAL DURING PREPARATION OF STRUCTURAL SHOP DRAWINGS.

HVAC LEGEND

- NEW DUCTWORK
- NEW SUPPLY AIR DIFFUSER
- NEW RETURN OR EXHAUST GRILLE
- ROUND FLEXIBLE DUCTWORK
- THERMOSTAT (MOUNT 4'-0" ABOVE FLOOR)
- CO_2 EQUAL TO TELAIRE 8002 (MOUNT 4'-0" ABOVE FLOOR)
- VOLUME DAMPER
- A 150 — TYPE — CFM: DIFFUSER OR GRILLE DESIGNATION
- 12/8: INDICATES 12" x 8" INS. DIM. NET (1ST FIGURE = SIDE SHOWN, 2ND FIGURE = SIDE NOT SHOWN)

STATE OF TEXAS
LESLIE R. BROWN
60171
REGISTERED
PROFESSIONAL ENGINEER
3-7-08

Baird, Hampton & Brown, Inc.
Engineering & Surveying
6300 Ridglea Pl., Ste. 700 Ft. Worth, TX 76116 Tel (817)336-1277 Fax (817)336-9245 E-Mail:mail@bhbinc.com

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STATE OF TEXAS
REGISTERED ARCHITECT
JAMES E. HALLUM
2426

Revisions:	By:

HALLUM ARCHITECTS, INC.
6040 CAMP BOWIE BLVD SUITE 17
FORT WORTH, TEXAS 76116
PHONE: 817.332.2422 FAX: 817.338.1949
email: info@hallumarch.com

NEW WORSHIP FACILITY

EAST SIDE CHURCH of CHRIST

MLK @ HWY 183, AUSTIN, TEXAS

MECHANICAL PLAN
FIRST FLOOR

Date:	03-07-08
Scale:	PER PLAN
Drawn:	GHM
Job:	2006-05
Sheet Number:	M1.01

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