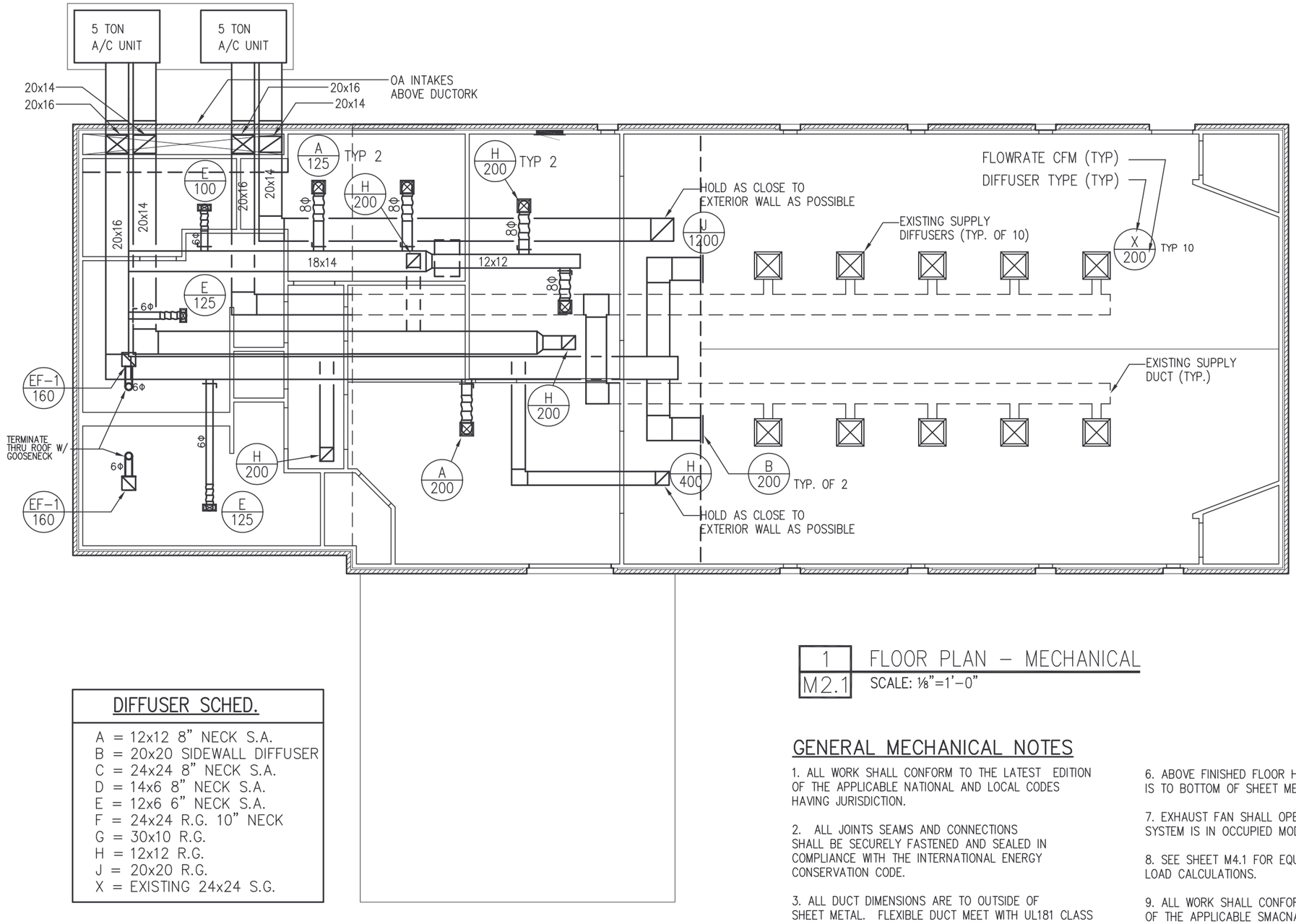

DIFFUSER SCHED.

A = 12x12 8" NECK S.A.
B = 20x20 SIDEWALL DIFFUSER
C = 24x24 8" NECK S.A.
D = 14x6 8" NECK S.A.
E = 12x6 6" NECK S.A.
F = 24x24 R.G. 10" NECK
G = 30x10 R.G.
H = 12x12 R.G.
J = 20x20 R.G.
X = EXISTING 24x24 S.G.

1 / M2.1 FLOOR PLAN – MECHANICAL
SCALE: 1/8"=1'-0"

GENERAL MECHANICAL NOTES

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE APPLICABLE NATIONAL AND LOCAL CODES HAVING JURISDICTION.

2. ALL JOINTS SEAMS AND CONNECTIONS SHALL BE SECURELY FASTENED AND SEALED IN COMPLIANCE WITH THE INTERNATIONAL ENERGY CONSERVATION CODE.

3. ALL DUCT DIMENSIONS ARE TO OUTSIDE OF SHEET METAL. FLEXIBLE DUCT MEET WITH UL181 CLASS CLASS "1" STANDARD.

4. DUCT COVERINGS AND LININGS SHALL HAVE A FLAME SPREAD INDEX NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX NOT MORE THAN 50.

5. DUCTS USED FOR COOLING SHALL HAVE VAPOR BARRIER OF 0.05 PERM OR ALUMINUM FOIL AT LEAST 2 MILS IN THICKNESS.

6. ABOVE FINISHED FLOOR HEIGHT (AFF) OF DUCTWORK IS TO BOTTOM OF SHEET METAL.

7. EXHAUST FAN SHALL OPERATE WHEN VENTILATION SYSTEM IS IN OCCUPIED MODE.

8. SEE SHEET M4.1 FOR EQUIPMENT SCHEDULES AND LOAD CALCULATIONS.

9. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE APPLICABLE SMACNA HVAC DUCT CONSTRUCTION STANDARD.

:: APPROVED FOR CONSTRUCTION ::

NO	DATE	REVISION	BY

SHEET TITLE
MECHANICAL FLOOR PLAN AND NOTES (2 UNITS)

PROJECT TITLE
KINGDOM HALL OF JEHOVAH'S WITNESSES
LIBERTY CONGREGATION ADDITION & REMODEL PROJECT
119 HWY 49, LIBERTY, KY USA

DWN BY: DSA CKD BY: DSA
SCALE: 1/8"=1'-0"
DATE: 4/9/2007
CAD #: LBRT-M21
SHEET No.
M2.1