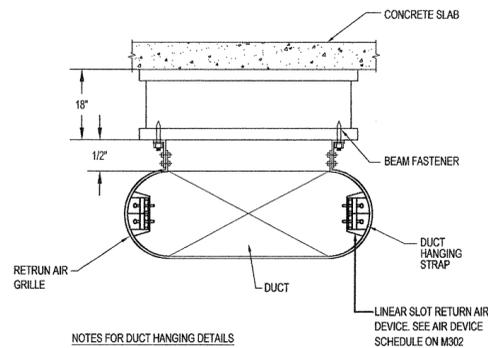


1 TRAPEZE PIPE SUPPORT DETAIL
M-203 | M-203 NO SCALE



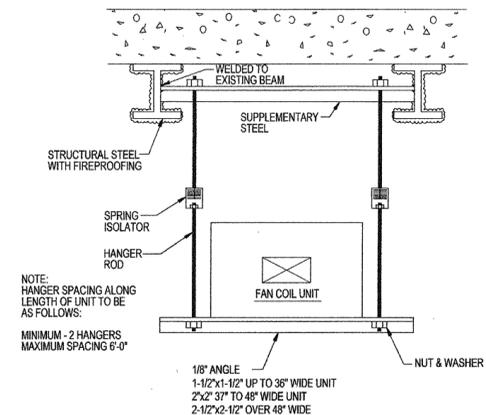
NOTES FOR DUCT HANGING DETAILS

1. DUCT SHALL BE SUSPENDED WITH GALVANIZED BAND IRON STRAPS SECURELY FASTENED TO THE BOTTOM AND SIDE OF THE DUCT. STRAPS TO BE SIZED IN ACCORDANCE WITH SMACNA TABLE 4-1 OR ACCORDING TO LOCAL CODES, WHICHEVER IS MORE STRINGENT.

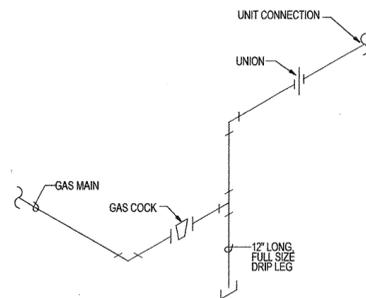
CROSS SECTIONAL AREA (SQ.FT.)	MAX. HANGER SPACING (FT.)
UP TO 4	8
OVER 4 NOT TO EXCEED 10	6
OVER 10	4

2. DUCTS WIDER THAN 60 INCHES TO BE SUPPORTED BY TRAPEZE ANGLES IN ACCORDANCE WITH SMACNA TABLE 4-3.

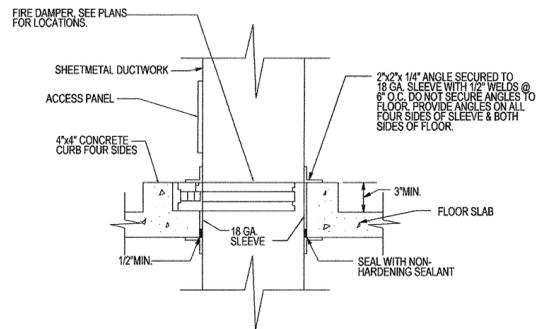
2 DUCT HANGING DETAIL FOR CONCRETE SLAB
M-203 | M-203 NO SCALE



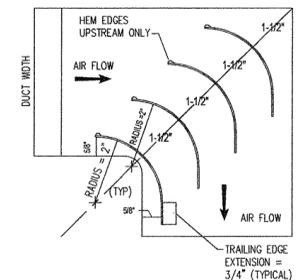
3 EQUIPMENT SUSPENDED FROM STRUCTURAL STEEL
M-203 | M-203 NO SCALE



4 TYPICAL GAS PIPING CONNECTION
M-203 | M-203 NO SCALE



5 DUCT PENETRATION THRU FIRE RATED FLOOR
M-203 | M-203 NO SCALE

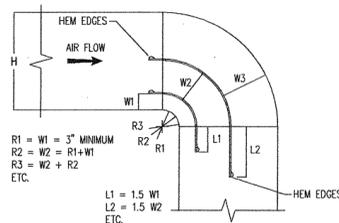


NOTES:

- ALL TURNING VANES TO BE MADE OF 18 GAUGE GALV. SHEET METAL, 2\"/>

TURNING VANES FOR SQUARE ELBOWS IN HIGH VELOCITY DUCTWORK OF MAXIMUM 36\"/>

6 TURNING VANES DETAIL
M-203 | M-203 NO SCALE

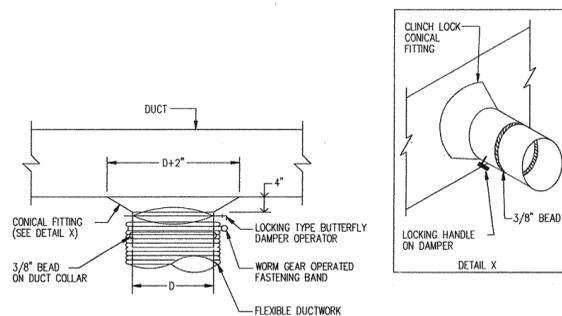


NOTES:

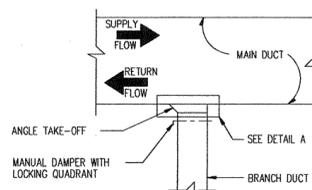
- RADIUS ELBOWS, WHERE POSSIBLE, SHOULD HAVE THROAT RADIUS AT LEAST EQUAL TO DUCT WIDTH, W.
- ALL RADIUS ELBOWS WITH A THROAT RADIUS LESS THAN THE DUCT WIDTH ARE TO BE FABRICATED WITH SPLITTERS, AS SHOWN IN THIS DRAWING. WHEN THROAT IS SQUARE, W1 IS TO BE 3 INCHES, W2 THEN = 6\", W3 = 12\", ETC.
- WHERE VANED ELBOWS ARE REQUIRED FOR HIGH VELOCITY (>2000 FPM) SYSTEMS DUE TO SPACE CONDITIONS, THIS IS ONE APPROVED TYPE OF ELBOW. DO NOT USE DOUBLE THICKNESS TURNING VANES FOR THIS APPLICATION.
- NUMBER OF SPLITTERS TO SUIT TOTAL DUCT WIDTH.

ELBOWS TO BE USED FOR HIGH VELOCITY DUCTWORK ABOVE 36\"/>

7 TURNING VANES DETAIL
M-203 | M-203 NO SCALE



FLEXIBLE DUCT CONNECTION TO MAIN DUCTS



BRANCH DUCT CONNECTION

8 LOW PRESSURE BRANCH DUCT CONNECTIONS
M-203 | M-203 NO SCALE

POLK STANLEY YEARY ARCHITECTS, LTD.

700 SOUTH SCHILLER
LITTLE ROCK, AR 72201
501 378-4878
FAX 372-7629

21 W. MOUNTAIN, SUITE 227
FAYETTEVILLE, AR 72701
479-444-0473

CONSULTANTS:

OWNER'S PROJECT ADVISOR:
MOSES TUCKER REAL ESTATE, INC.

CIVIL ENGINEER:
MCLELLAND ENGINEERS

LANDSCAPE ARCHITECT:
LARSON BURNS SMITH

STRUCTURAL ENGINEER:
CROMWELL ENGINEERS INC.

MECH., ELEC., PLUMB. ENGINEER:
CROMWELL ENGINEERS INC.

SUSTAINABLE CONSULTANT:
BNIM / ELEMENTS

GLOBAL VILLAGE CONSULTANT
CAMBRIDGE SEVEN ASSOCIATES

INTERIOR DESIGNER:
POLK STANLEY YEARY

GENERAL CONTRACTOR:
CDI

GENERAL NOTES:

NOTES:

ISSUE DATE:
DECEMBER 15, 2003
CORE/SHELL
PACKAGE #5

REVISIONS:

#	DATE	DESCRIPTION
Δ	1-16-04	ADDENDUM #1
Δ	7-1-04	PACKAGE 7, 100% ROLL UP

HEIFER INTERNATIONAL CENTER OFFICE BUILDING

LITTLE ROCK, ARKANSAS

PSY PROJECT NUMBER:
431C

CONTENTS:

HVAC DETAILS
SHEET NUMBER:

M203

