

MECHANICAL GENERAL NOTES:

- THESE DRAWINGS ARE DIAGRAMMATIC. ALL OFFSETS, FITTINGS, TRANSITIONS AND ACCESSORIES ARE NOT SHOWN. THE CONTRACTOR SHALL INCLUDE IN HIS BID ALL ITEMS REQUIRED TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM. DO NOT SCALE DRAWINGS FOR INSTALLATION.
- ALL WORK SHALL BE PERFORMED IN A FIRST CLASS WORKMANLIKE MANNER BY LICENSED CONTRACTORS.
- THE CONTRACTOR SHALL OBTAIN AT HIS EXPENSE ALL NECESSARY FEES PERMITS, AND TESTS.
- ALL WORK SHALL CONFORM TO ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES. NO CONTRACTOR SHALL BID UNLESS FAMILIAR WITH THESE CODES.
- CORRECTION OF DEFECTS TO THIS WORK SHALL BE MADE PROMPTLY WITHOUT CHARGE TO THE OWNER. REPAIR AND REPLACEMENT FOR DAMAGE CAUSED BY THIS CONTRACTOR SHALL BE MADE PROMPTLY WITHOUT CHARGE TO THE OWNER.
- ALL WORK OF THIS TRADE SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID ANY INTERFERENCES THAT MAY DELAY PROGRESS OF CONSTRUCTION.
- PRIOR TO ACCEPTANCE BY THE OWNER THE SYSTEMS SHALL BE TESTED AND BALANCED BY THE CONTRACTOR. PROVIDE A WRITTEN REPORT.
- COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH LIGHTS AND ARCHITECTURAL ELEMENTS.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND ACCESSORIES TO BE READILY ACCESSIBLE FOR SERVICING, TESTING, BALANCING, AND REPLACEMENT.
- ALL DUCT WORK SHALL BE BUILT AND INSTALLED IN ACCORDANCE WITH SMACNA STANDARDS AND LOCAL BUILDING CODES.
- ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS.
- FLEXIBLE DUCT, WHERE SHOWN, SHALL BE U.L. CLASS 1, R-6 INSULATION.

ABBREVIATIONS

S/A	SUPPLY AIR
R/A	RETURN AIR
O/A	OUTSIDE AIR
CFM	CUBIC FEET PER MINUTE.
E	EXISTING TO REMAIN
R	RE-LOCATED DEVICE
N	NEW DEVICE
U/C	UNDERCUT DOOR

SYMBOL LEGEND

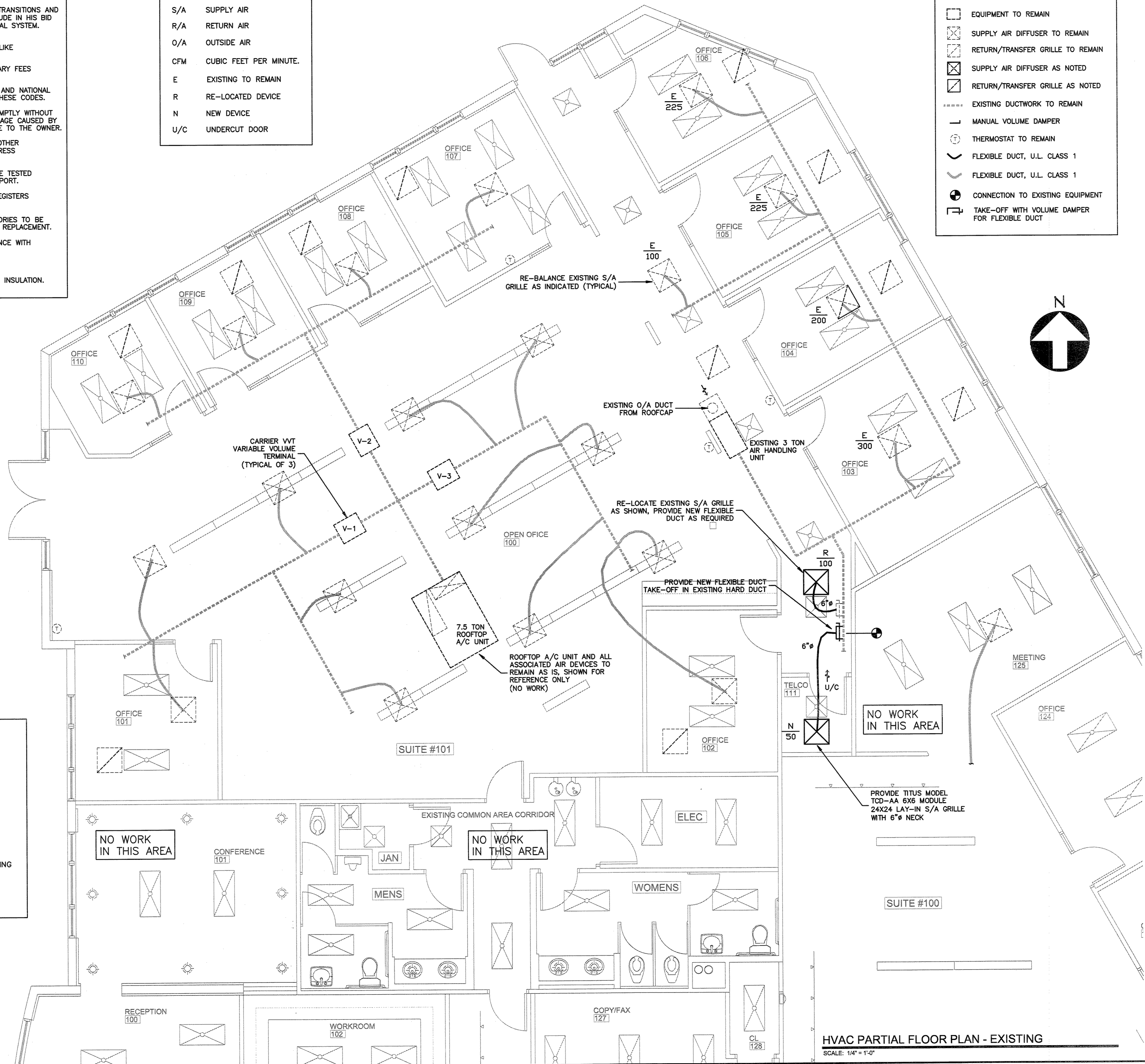
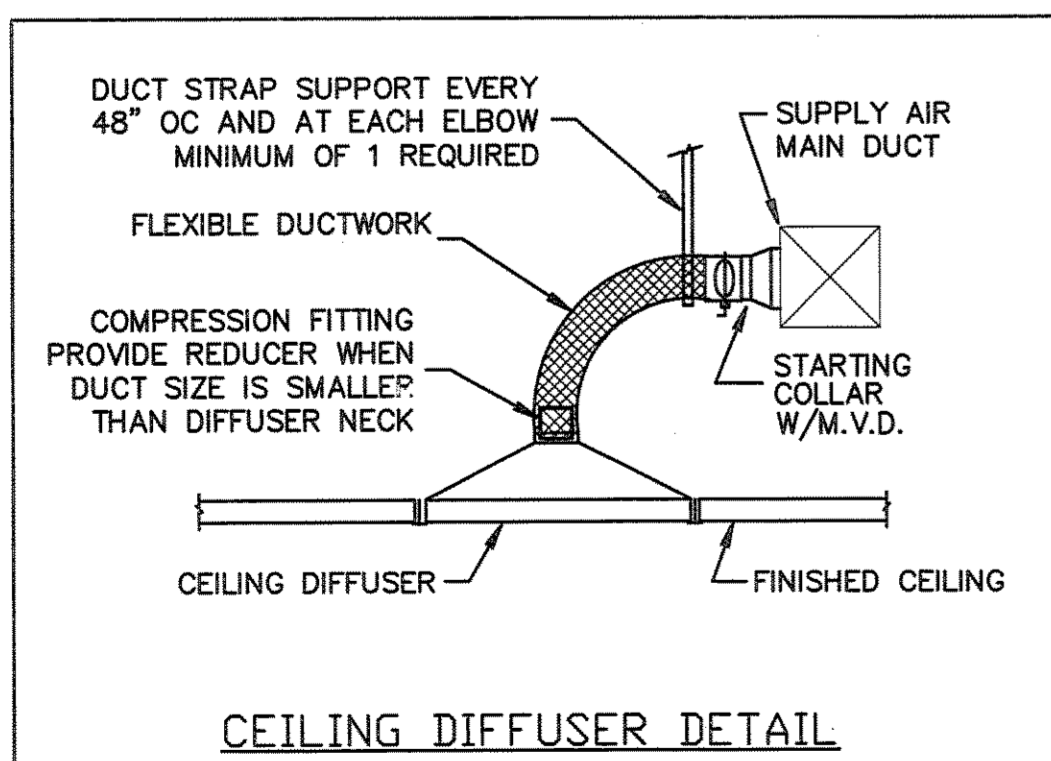
	EQUIPMENT TO REMAIN
	SUPPLY AIR DIFFUSER TO REMAIN
	RETURN/TRANSFER GRILLE TO REMAIN
	SUPPLY AIR DIFFUSER AS NOTED
	RETURN/TRANSFER GRILLE AS NOTED
	EXISTING DUCTWORK TO REMAIN
	MANUAL VOLUME DAMPER
	THERMOSTAT TO REMAIN
	FLEXIBLE DUCT, U.L. CLASS 1
	FLEXIBLE DUCT, U.L. CLASS 1
	CONNECTION TO EXISTING EQUIPMENT
	TAKE-OFF WITH VOLUME DAMPER FOR FLEXIBLE DUCT

VENTILATION CALCULATIONS

MARK	AIR HANDLING UNIT		
	OFFICE	CORRIDOR	ELECT. RM.
AREA TYPE	OFFICE	CORRIDOR	ELECT. RM.
SQUARE FEET OF AREA	680	330	38
CFM/SQ.FT. REQUIRED	0.06	0.06	0.06
TOTAL OCCUPANTS	4	-	-
CFM/PERSON REQUIRED	5	-	-
ZONE CFM REQUIRED	61	20	2
TOTAL SYSTEM CFM	83		

NOTES

- ABOVE CALCULATIONS PER ASHRAE 62.1, 2007.



PROJ. # 10-003

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HVAC PARTIAL FLOOR PLAN - EXISTING
SCALE: 1/4" = 1'-0"

Bd

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SUITE #100

1720 CENTRE PARK DRIVE
SUITE #100
WEST PALM BEACH, FL 33401

PROJECT NUMBER 17201

REVISIONS

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DRAWN BY DR

CD

02/25/10

M-1