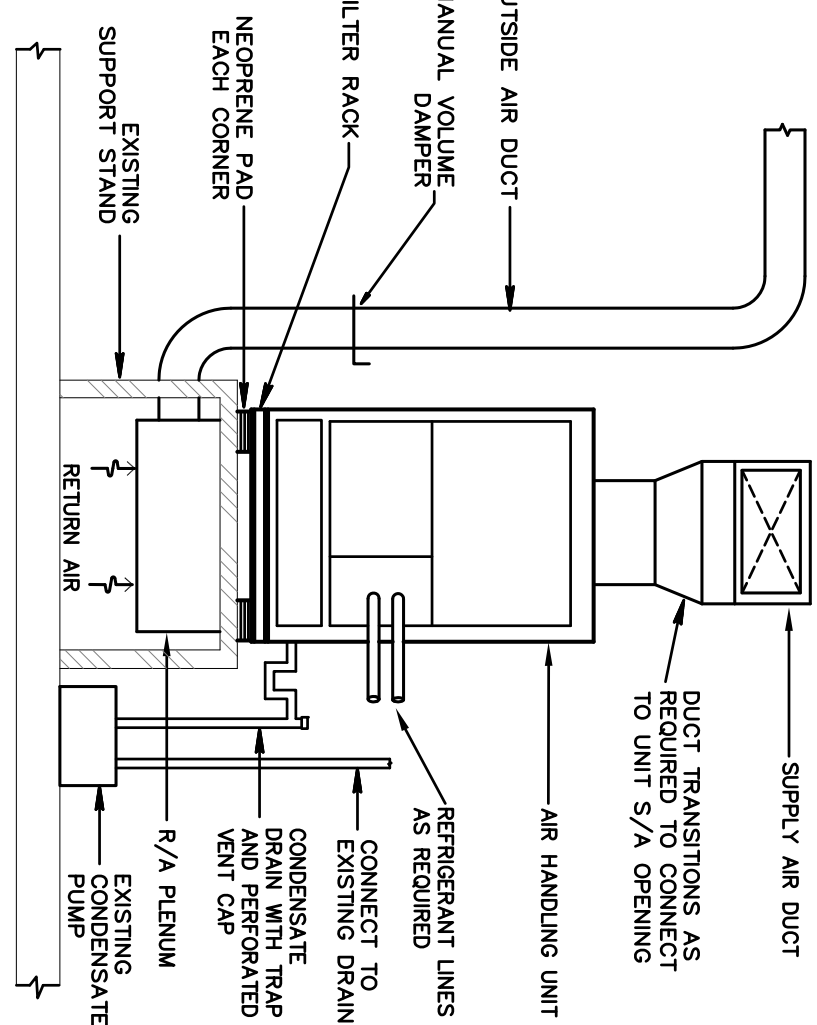


DRAWING KEYNOTES:

- EXISTING MAIN SUPPLY AIR DUCT TO REMAIN AS IS.
- EXISTING MAIN RETURN AIR DUCT TO REMAIN AS IS.
- EXISTING TERMINAL BOX TO REMAIN AS IS. (NO WORK, TYPICAL UNLESS NOTED OTHERWISE)
- EXISTING TERMINAL BOX TO BE RE-BALANCED. ADJUST ALL AIR OUTLETS AND MAXIMUM/MINIMUM CFM OF BOX AS SHOWN.
- EXISTING TERMINAL BOX TO BE RE-LOCATED. RE-BALANCE AIR OUTLETS AND MAXIMUM/MINIMUM CFM OF BOX AS SHOWN.
- PROVIDE STYLE "B" FIRE DAMPER IN NEW TENANT SEPARATION WALL, WITH ACCESS PANEL.
- PROVIDE THROUGH-PENETRATION FIRESTOP SYSTEM AROUND EXISTING DUCT AT NEW TENANT SEPARATION WALL. FIELD VERIFY EXACT SIZE OF DUCT AND INSTALLATION DETAILS.
- 48X20 RETURN AIR TRANSFER OPENING ABOVE CEILING, WITH FIRE DAMPER, SECURITY BARS AND 1-1/2" FIBERGLASS DUCT. REMOVE EXISTING DUCTWORK DOWNSTREAM OF THIS POINT. SEE EXISTING PLAN.
- EXISTING AIR HANDLING UNIT TO BE RE-LOCATED AS SHOWN. RE-LOCATED EXISTING FLOOR STAND, THERMOSTAT AND CONDENSATE PUMP. PROVIDE T/A PLenum BOX BELOW AHU AS SHOWN. (AFTER-HOURS AIR CONDITIONING SYSTEM)
- PROVIDE OUTSIDE AIR DUCT AND CONNECT TO EXISTING DUCT BELOW EXISTING GOOSENECK THROUGH ROOF.



OUTSIDE AIR CALCULATION - AHU-8

AREA TYPE	SQUARE FEET OF AREA	OFFICE
CFM/SCU.FT. REQUIRED	620	
OCCUPANTS/1000 SQ.FT.	0.06	
TOTAL OCCUPANTS	5	
CFM/PERSON REQUIRED	3	
CFM REQUIRED	52	

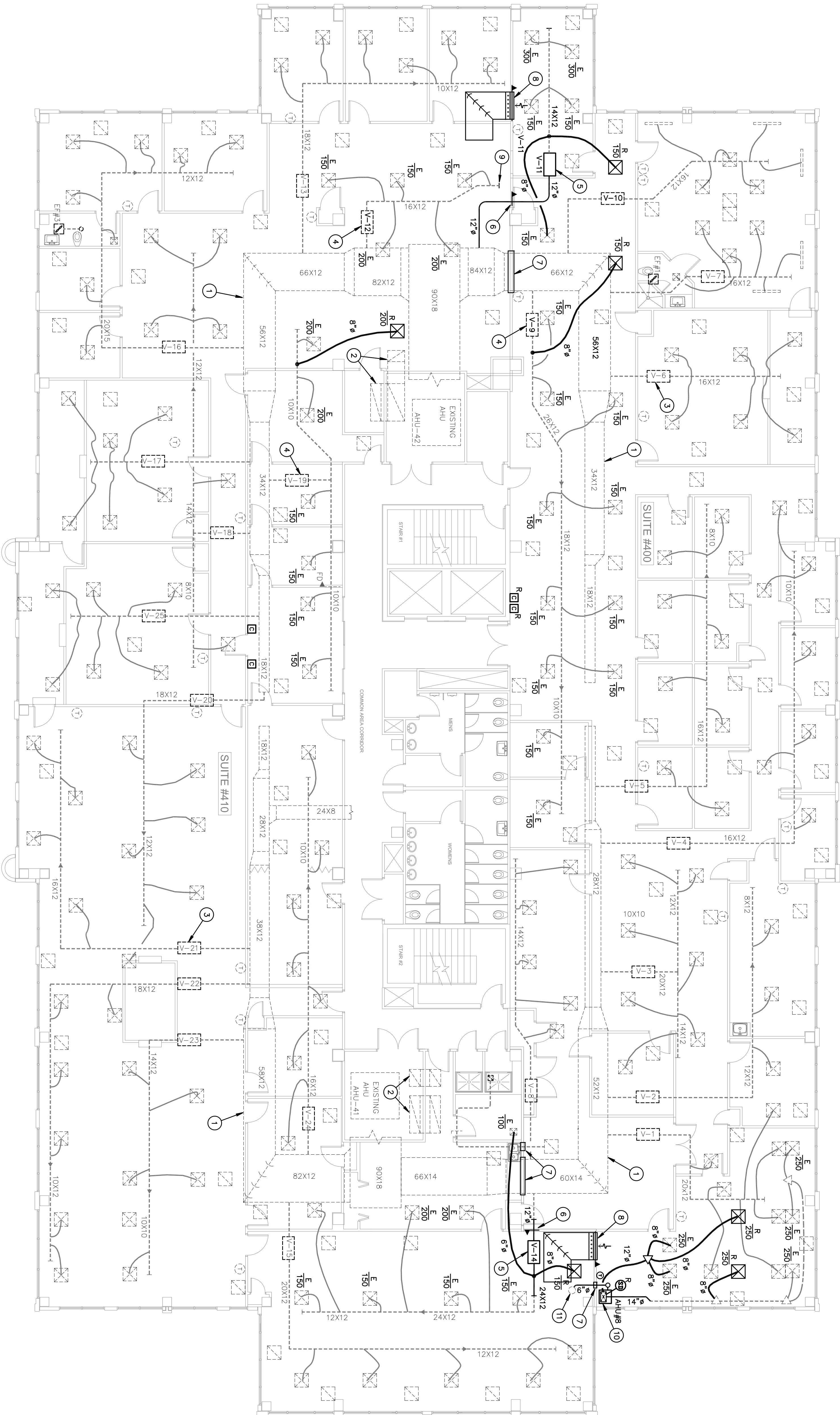
ABOVE PER ASHRAE 62.1, 2007

ABBREVIATIONS

VAR	VARIABLE AIR VOLUME
S/A	SUPPLY AIR
R/A	RETURN AIR
O/A	OUTSIDE AIR
E/A	EXHAUST AIR
CFM	CUBIC FEET PER MINUTE.
MVD	MANUAL VOLUME DAMPER (OPPOSED BLADE TYPE).
FD	FIRE DAMPER
AHU	AIR HANDLING UNIT
CU	CONDENSING UNIT
E	EXISTING
R	RE-LOCATE

SYMBOL LEGEND

- VAR TERMINAL UNIT AS NOTED
- EXISTING EQUIPMENT AS NOTED
- SUPPLY AIR DIFFUSER AS NOTED
- RETURN/TRANSFER GRILLE AS NOTED
- DUCTWORK AS NOTED
- EXISTING DUCTWORK TO REMAIN
- DUCT TRANSITION
- OVERTIME A/C CARD READER
- TYPE B FIRE DAMPER W/ACCESS DOOR
- MANUAL VOLUME DAMPER
- THERMOSTAT AS NOTED
- FLEXIBLE DUCT, U.L. CLASS 1
- CONNECTION TO EXISTING EQUIPMENT
- TAKE-OFF WITH VOLUME DAMPER FOR FLEXIBLE DUCT



PROPOSED HVAC FLOOR PLAN

SCALE: 1/8" = 1'-0"

COMBINED PLAN, NOT FOR CONSTRUCTION

Gilman & Associates, Inc.
MECHANICAL & ELECTRICAL ENGINEERS
129 N. FEDERAL HIGHWAY SUITE 202
LAKE WORTH, FL 33460 C.A.#009078
(561) 582-0210 Fax (561) 582-8212
RONALD D. GILMAN P.E. #37933

PROJECT: 11-0325

WP ASSOC. & SUITE #410

FAIRWAY OFFICE CENTER
7121 FAIRWAY DRIVE #400
PALM BEACH GARDENS, FL 33418

PROJECT NUMBER 712110

REVISIONS

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DRAWN BY GD

CD

2/21/2012

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