

CLIENT:

747 4th Street

Interior Renovations

747 4th Street
Miami Beach, FL 33139
Folio: 02-4203-009-3050

CDS
CONSTRUCTION DESIGN SERVICES

333 SE 2ND AVENUE, SUITE 2066
MIAMI, FL 33131
Tel: 786.218.5335
License #AA 26002467

WWW.CASTELLANOSDESIGN.COM

No. DATE ISSUED / REVISED

1 02-16-17 RTC
2 05-03-17 RTC

CLIENT:

747 4th Street

Interior Renovations

747 4th Street
Miami Beach, FL 33139
Folio: 02-4203-009-3050

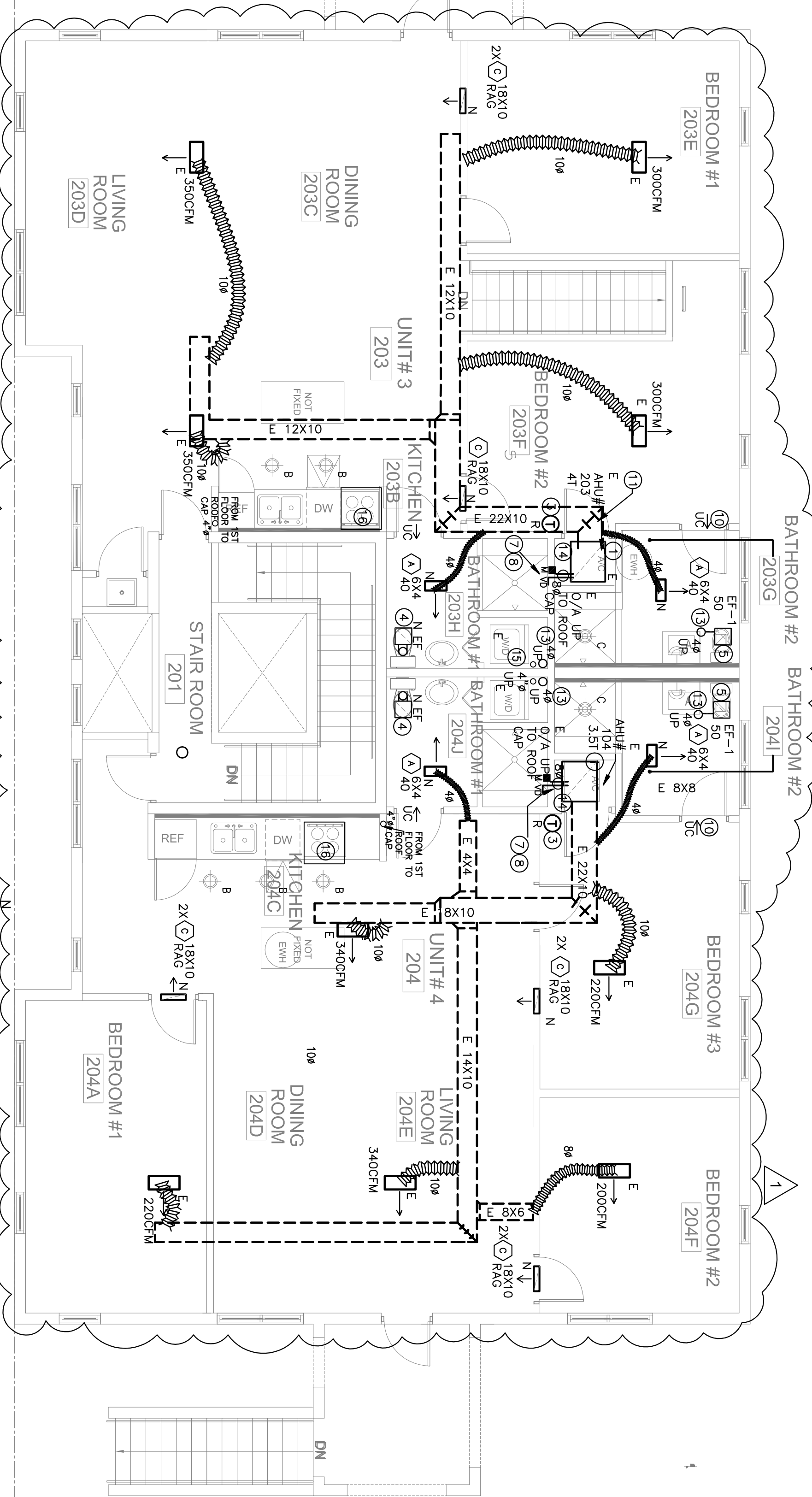
CDS
CONSTRUCTION DESIGN SERVICES

333 SE 2ND AVENUE, SUITE 2066
MIAMI, FL 33131
Tel: 786.218.5335
License #AA 26002467

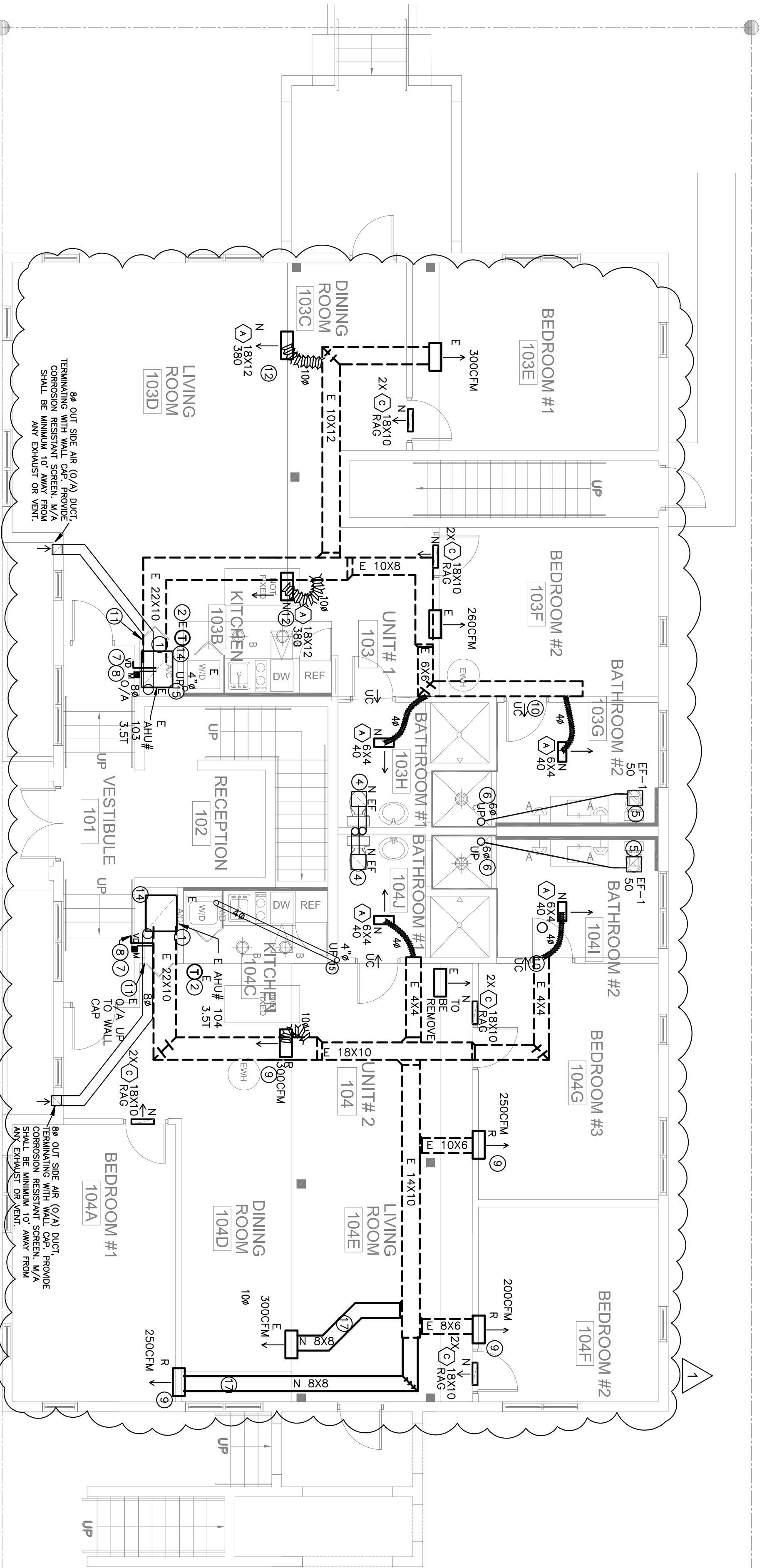
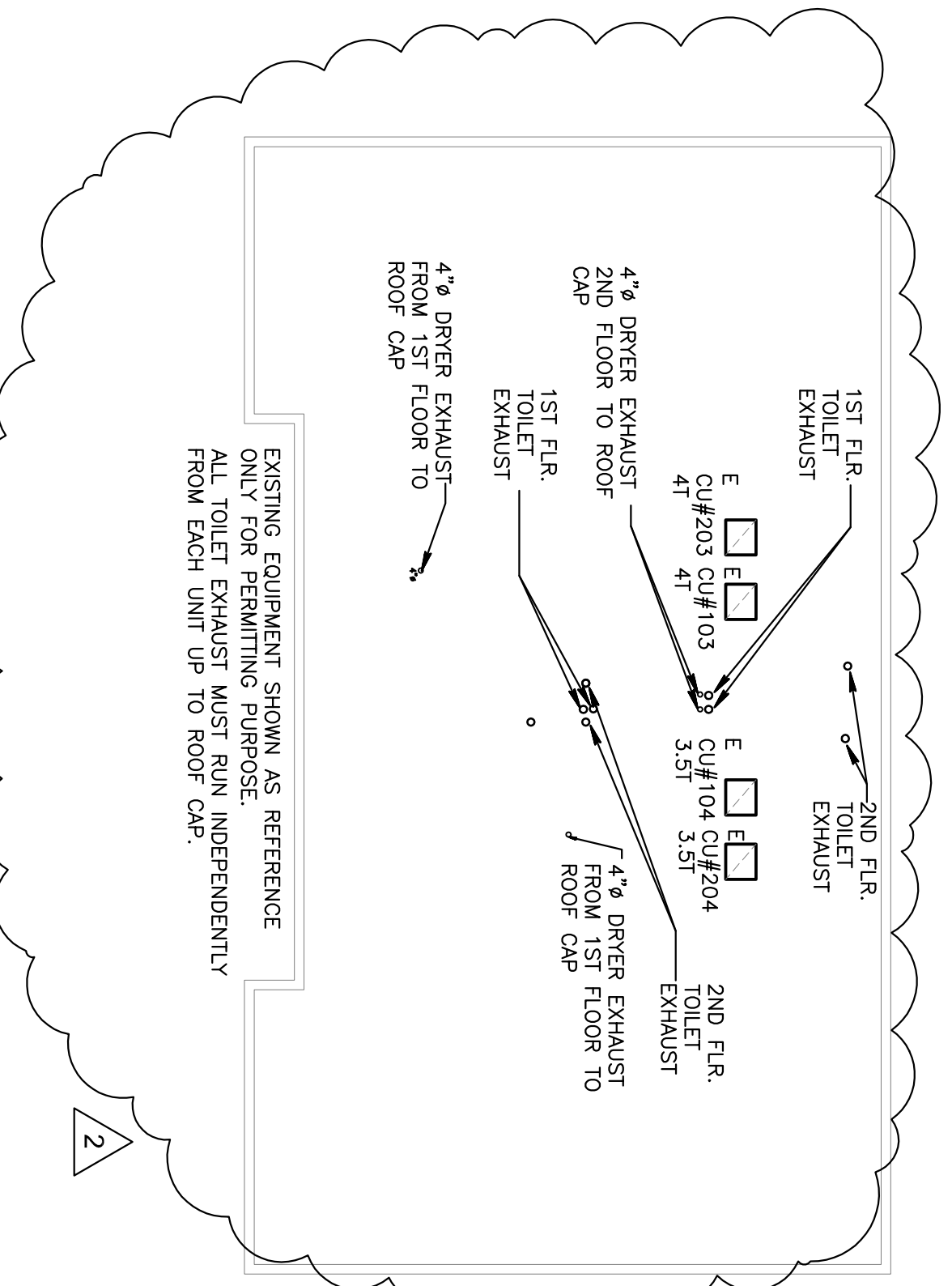
WWW.CASTELLANOSDESIGN.COM

No. DATE ISSUED / REVISED

1 02-16-17 RTC
2 05-03-17 RTC



2 MECHANICAL SECOND FLOOR PLAN
M-2 SCALE: 3/16"=1'-0"



1 MECHANICAL GROUND FLOOR PLAN
M-1 SCALE: 3/16"=1'-0"

KEY NOTES

- 1 EXISTING AC UNIT TO REMAIN AS IT IS.
 - 2 EXISTING THERMOSTAT TO REMAIN AS IT IS.
 - 3 RELOCATED THERMOSTAT AS SHOWN, MOUNTED AT 50" A.F.F.
 - 4 EXISTING EXHAUST FAN TO BE REPLACED SAME LOCATION, RUN INDEPENDENT EXHAUST DUCT UP TO ROOF.
 - 5 NEW EXHAUST FAN & GRILLE AS SIZED.
 - 6 NEW EXHAUST DUCT UP THRU 2ND FLOOR RESISTANT SCREEN.
 - 7 PROVIDE MOTORIZED DAMPER IN EXISTING OUT SIDE AIR (O/A) DUCT. CLOSED WHEN SPACE IS NOT IN USED.
 - 8 PROVIDE MANUAL VOLUME DAMPER IN EXISTING PROPER AIR BALANCE.
 - 9 RELOCATED SUPPLY AIR (SA) DIFFUSER, RECONNECT TO EXISTING HVAC DUCT WORK.
 - 10 1" DOOR UNDER CUT, TYPICAL.
 - 11 EXISTING FULL LOUVER DOOR TO REMAIN.
 - 12 NEW SUPPLY AIR (SA) DIFFUSER, CONNECT TO EXISTING HVAC DUCT WORK.
 - 13 NEW EXHAUST DUCT TERMINATING W/ROOF CAP, PROVIDE CORROSION RESISTANT SCREEN.
 - 14 AC CLOSET USED AS A RETURN AIR PLENUM, NO COMBUSTIBLES ALLOWED.
 - 15 DRYER EXHAUST TERMINATING WITH ROOF CAP, NO SCREEN.
 - 16 NEW RECIRCULATING MICROWAVE RANGE HOOD, HVAC DUCTWORK TO BE FIBER GLASS, INSTALLED AS PER SMACNA STANDARDS WITH 1.5" THICK (R-6) INSULATION, UNLESS NOTED OTHERWISE.
- SCOPE OF WORK:
INTERIOR REMODELING OF EXISTING BUILDING. CHANGE OF USED, AC UNITS AND AC DISTRIBUTION TO REMAIN.
- LEGEND:
E- EXISTING TO REMAIN.
R- RELOCATED
N- NEW.
- ENERGY CONSERVATION NOTES:
ALL HVAC EQUIPMENT SHALL BE EQUIPPED WITH PROGRAMMABLE THERMOSTAT TO ALLOW OPERATION. ALL LIGHTING HAS PETER HOURS SHUT DOWN. ALL AC EQUIPMENT PROVIDE WITH OUTSIDE AIR MOTORIZED DAMPER TO SHUT DOWN WHEN SPACE IS NOT IN USED.

ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE 2018 FLORIDA MECHANICAL CODE, AS AMENDED. THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMITS FROM THE APPLICABLE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND SERVICES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING STRUCTURE AND SERVICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND SERVICES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING STRUCTURE AND SERVICES.

SEAL: _____
DATE: _____

MRS. EVARIT CASTELLANOS
FLORIDA MECHANICAL LICENSE #61433
PROJECT NO.: 2016-18

MECHANICAL
GROUND + SECOND
FLOOR PLAN

CHECKED BY: J.A.R.
DRAWN BY: F.A.
SCALE: AS SHOWN
2016 BY CDS

engineering inc
2855 E. Wilshire Road, Suite 1109
Coral Gables, Florida 33134
Phone > 305.444.9809
Fax > 305.444.9827

Amielle Rodriguez, P.E.
License Number 60236
C.A. 2009

Signature _____
Date _____

JOB # 16-0908
1 MECHANICAL GROUND FLOOR PLAN
M-1 SCALE: 3/16"=1'-0"