



PROCEDURES FOR REVIEW AND SUBMITTING ENERGY CALCULATIONS, MANUAL “J” AND MANUAL “D”

**City of Deltona
Construction Services Dept.**

Required submittals for Single Family Residences:

- A. (2) Complete copies of the Florida Energy Calculation from 600A-01
- B. (1) Additional front page of the Florida Energy Calculation from 600A-01
- C. (2) Copies of Manual “J” Load Summary (Entire House)
- D. (2) Duct Layouts indicating the following:
 - 1. Supply trunk sizes and individual room duct sizes
 - 2. Return trunk sizes and individual room duct sizes
 - 3. Balanced Return Air Systems other than ducted systems

AND (1) OF THE FOLLOWING:

- E. (2) Copies of Manual “D” Duct System Summary
- (2) Copies of a completed Manual “D” Worksheet
- (2) Copies of Engineered signed and sealed Duct Layouts

**NOTE: All documents must be either “Worst Case Scenario”
OR
All documents must be oriented as per the site plan**

The following is a checklist of what is reviewed so that the Air Distribution System complies with the Florida Energy Code:

Region and Version of Calculations	(600A, Manual “J” & “D”)
Location of Air Distribution Systems	(600A, Construction Plans)
Conditioned Area (Square Feet)	(600A, Manual “J” & Construction Plans)
Air Distribution Systems (Electric or Gas)	(600A, Manual “J” & Construction Plans)
Number of Bedrooms	(600A, Manual “D”, Duct Layout & Construction Plans)
Air Distribution System (BTU’s)	(600A & Manual “J”)
Glass Area and Type	(600A & Construction Plans)
Air Distribution (SEER, HPSF, AFUE)	(600A & Manual “J”)
Insulation (Wall & Ceiling)	(600A & Construction Plans)
Hot Water System (Electric or Gas)	(600A & Construction Plans)
Wall Types	(600A & Construction Plans)
Conservation and HVAC Credits	(600A & Construction Plans)
CFMs of Heating and Cooling Systems	(Manual “J” & Manual “D”)
Supply and Return Trunk and Duct sizes	(Manual “D” & Duct Layout)
Static Pressure	(Manual “D”)
Friction Rate	(Manual “D”)
Supply and Return Trunk & Duct Material	(Manual “D”)

All forms and submittals must reflect the same information.