Mistake notes:

RPM are third party devices, place on different FLN

Give addresses for different devices on FLN (node number for P1)

Add return air arrows on ducts (and other flow directions)

Normal position of dampers and valves should be noted

AFMS should be mounted horizontally

For sizing averaging T-Stats: 1 ft of probe length per 1ft^2 of coil area.

What are the incoming pipe sizes designated on the mechanical drawings?

Watch the high and low ports of DPS tubing. For high/low static trip it is especially important

Usually put component panels on AHU boms, not the riser diagram

See if the fan shutoff relay board sends out 24VAC or not.. some are dry contacts and some have voltage

H608 current sensors are usually the correct device to use

Add up the power requirements of service boxes. Do not exceed the 192 VA requirement, and one plug should be dedicated to the PXCM. This means one plug for field equipment which turns to about 100VA for field equipment… and use a 0.8 safety factor

What leg are the transformers terminated on? Be sure to show them terminated on the correct leg

Remove “copyright” on detail notes

GDE131.1p for terminal unit actuators

Lots of different options for P1 T-stats…

P1 TEC can only use 10k or 100k RTD

Pressure sensor flush mount: 547-100… A-306-A for outside pressure tap enclosure

AFMS can be mounted in several different ways… (insertion is good for ducts, Internal also ok for ducts, and stand off are usually used when its mounted against a wall inlet or something

100 Congress:

Add GPM to valves and Cv as well

Add NO/NC designation to dampers and valves

SAF for fan start/stop signals

Show points for LTDs

Need to usually use a relay safety board with air handler fans

St Davids Georgetown:

Didn’t order push button switch (need latching type)

Incorrect network number on FLN riser