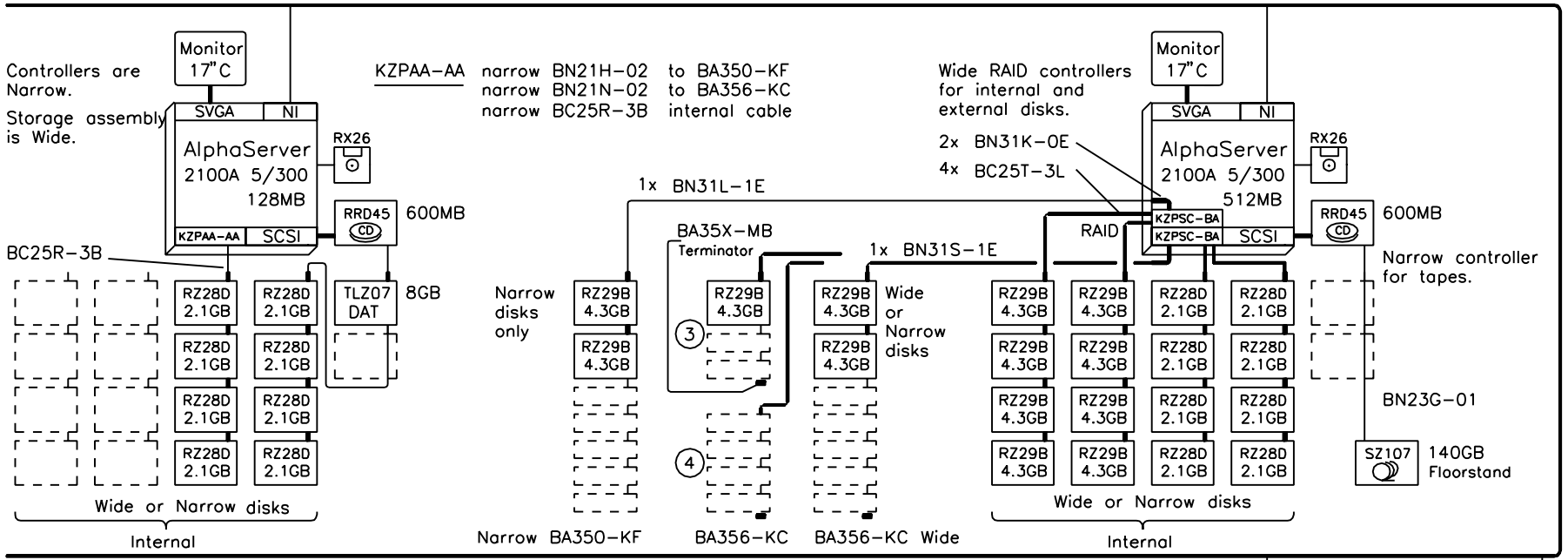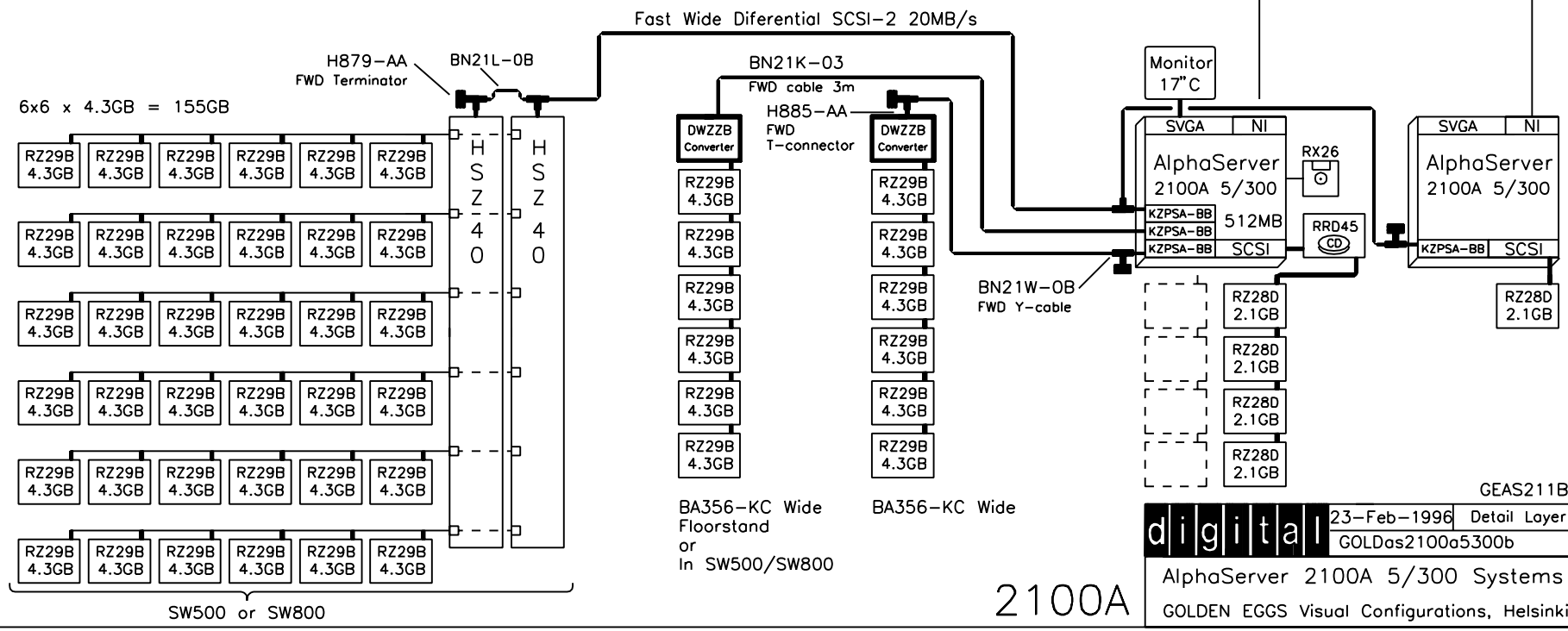CONFIGURATION EXERCISES