1. The bloc)s ma" be assigned a single run time within a program, and all stations will run together as a group.

*. 'ach program ma" be assigned a programmable dela" between stations, to allow for slow-closing valves or pressure recharging.

;. 'ach station or bloc) ma" be assigned -"cle and /oa) settings to prevent runoff and waste b" dividing run times into absorbable increments.

2.% +perating /"stem

. The controller displa" shall offer cop" and paste functions for data entr" tas)s <e.g., -"cle and /oa), run times, program da" schedules, flow =one and $, 2 > assignments, etc.?.

#. graphical displa" shall graph the start times and durations of each program over time to allow the user to see the relationship between overlapping programs.

-. The controller shall have /easonal d@ust settings in 1A to %. . A increments. /easonal d@ust ma" be set b" program in an" of the following wa"s8

1. -ontroller level <ad@usts all programs for ease of use?
2. $rogram level <ad@ustment b" individual program?
%. 2onthl" <pre-programmed ad@ustment for each month of the "ear?
7. /olar /"nc0 <automatic dail" ad@ustment from an external sensor?

!. The controller shall have true -alendar !ate +ff programming allowing specific dates to be s)ipped at an" time of "ear b" program. +ff dates ma" be recurring or one-time occurrences.

'. The controller shall provide a Cser 2anagement function to limit access to programming and other operations with uni&ue passwords for multiple users, permitting either full or partial access to controller functions.

1. Cser logins and activities shall be trac)ed b" user *!, if password securit" is enabled.
2. The controller shall automaticall" log users out after a period of inactivit".

3. The controller shall allow 'as" 4etrieve0 bac)up of

5. **3**low **+**perations

1. **-**ontroller shall feature independent flow management and flow monitoring in each of up to **6** flow **=**ones.
2. **-**ontroller shall allow flow budgeting at flow **=**one and mainline levels to monitor total monthl**"** water usage, and provide an alarm when the budgeted amount is exceeded.

*****.

2. The response shall be configured to either pause all other irrigation and execute the response immediatel", or to execute the response together with other flow-managed activities.

%. -onditional 4esponse ma" be configured to activate an external /tatus +utput /tation to provide a visual notification that the controller is in an alarmed state.

7. -onditional 4esponse ma" be configured to switch from one water source <$, 2>? to another based on the status of an external sensor switch.

2. The controller shall feature a separate decoder diagnostic menu with functions to8

1. $rogram decoders
2. >iew status or configuration of individual decoders
%. ssign stations from one decoder output module to another
7. -reate a decoder inventor"
5. $erform diagnostic tests and displa" current draw for all components of the two-wire s"stem

1. The controller shall include a built-in wire trac)ing function, that generates a traceable sine wave on the two-wire path for use with standard current clamp meters to locate line faults.

+. The controller shall include a solenoid finder feature, to chatter solenoids for up to %. minutes to facilitate finding lost valve boxes in the landscape.