

Figure 3-1. The Password Query Display

## SECTION 3 SECURITY

### SYSTEM PASSWORD

The Orion Control System has a system password which is set at the factory. It is provided to the appropriate customer personnel at the time of delivery. This password allows access to machine parameters and the ICS upgrade functions, but it prevents permanent changes to either the machine parameters or ICS functions by unauthorized personnel.

The password is case sensitive, so it must be entered with the exact combination of upper and lower case characters used when it was set.

The password is set in the machine parameters, and can be changed by anyone having access to that portion of the system. Instructions for changing this password are contained in Section 13, Machine Parameters.

### PROGRAM PASSWORDS

In addition, each part program can be protected by its own password, which is set when the program is saved for the first time. Normally this feature is toggled off in the machine parameters. It can be toggled on by anyone having access to the machine parameters. Instructions for doing so are contained in Section 13, Machine Parameters.

Like the system password, program passwords permit the use and temporary modification of any program. However, any changes made on a temporary basis cannot be saved to the program file. This prevents the inadvertent modification of key programs saved in system memory.

If this feature is toggled on, the display shown in figure 3-1 will appear whenever a program is saved. If you do not wish to assign a password to the program, touch the Cancel Touchbutton. If you wish to assign a password, touch the enter Touchbutton and the Password Entry Screen shown in Figure 3-2 will appear.

### **CAUTION**

**THE USE OF PASSWORDS ON PROGRAMS IS NOT  
RECOMMENDED EXCEPT IN SITUATIONS WHERE EXTRA  
SECURITY IS NEEDED.**

Establish only a limited number of passwords and use them sparingly. Use of many passwords, or a different password for each program, can be confusing, and lead to the inability to upgrade certain programs. Password protected programs cannot be deleted from the system without using the password.

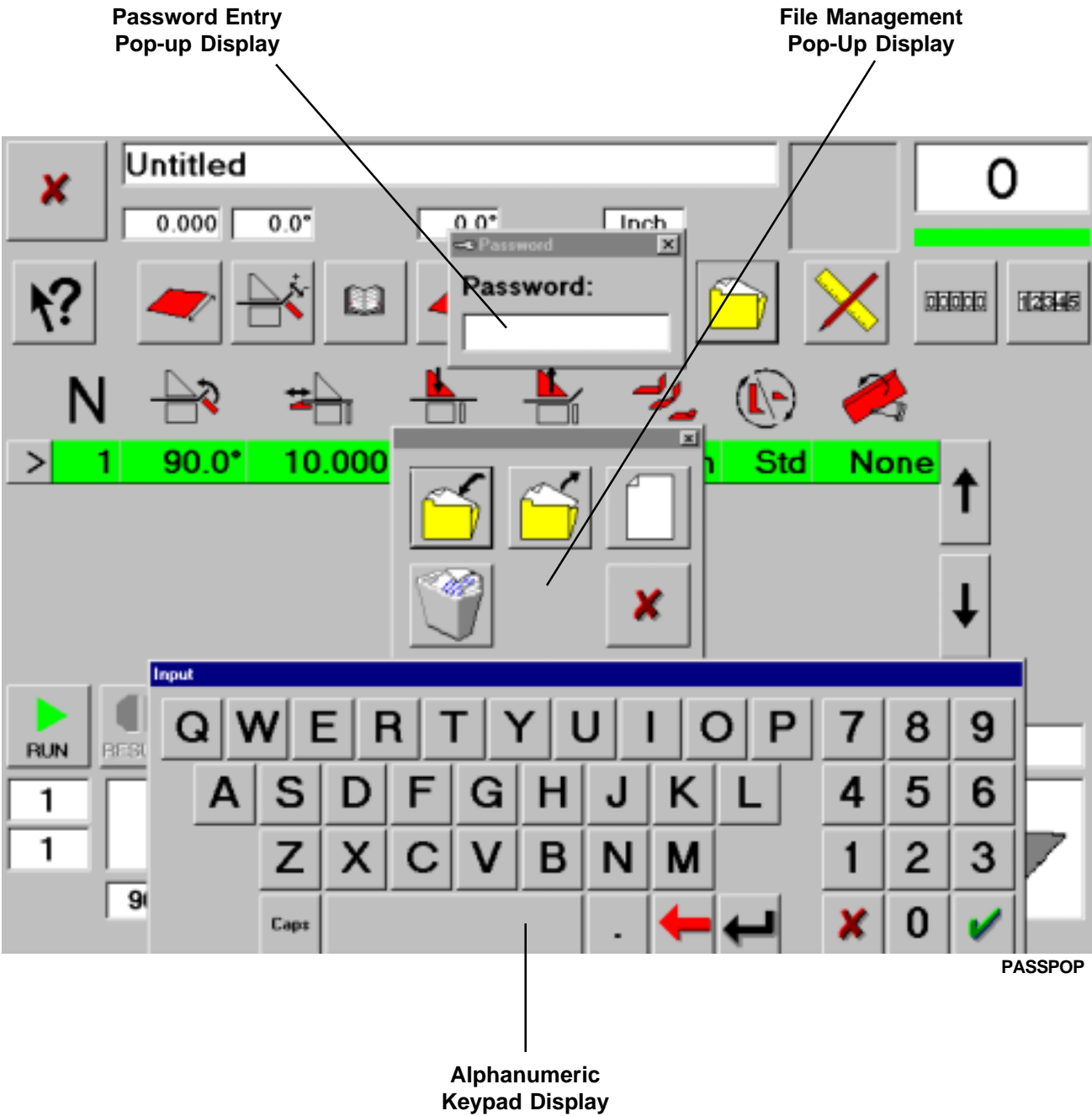


Figure 3-2. Program Password Pop-Up Displays

**ENTERING A  
PROGRAM  
PASSWORD**

Enter the desired password for the program using the Alphanumeric Keypad Display shown in Figure 3-2. (See the instructions with Figure 10-4 in Section 10, Manual Programming.) The password characters will appear in the Password Entry Pop-Up Display.

When the desired password has been entered, incorporate it into the program by touching the Enter Touchbutton. The pop-up displays will disappear and the save process will be completed.

**SAVING  
CHANGES TO  
A PASSWORD  
PROTECTED  
PROGRAM**

When saving changes to a password protected program, the same set of displays will appear. Enter the proper password, and the change process will proceed.

**DELETING A  
PASSWORD  
PROTECTED  
PROGRAM**

When deleting a password protected program, the same set of displays will appear. Enter the proper password, and the delete process will proceed.