

## **PUMP STAND**

3X - 10 AWG Wires (Color - Red, Black  
Green) From BAY BOX

1X - 18 AWG Wire From BAY BOX  
1X - Cat 5 or 6 Cable From BAY BOX  
4X - 18 AWG Wires From SYSTEM STOP  
6X - 18 AWG Wires to OFFBOARD TANK  
2X - 18 AWG Wires to RO TANK

### **E-CHAIN JUNCTION BOX**

3X - 12 AWG Wires (Color - Red, Black  
Green) From BAY BOX  
1X - 18 AWG Wire From BAY BOX  
1X - Cat 5 or 6 Cable From BAY BOX

### **SYSTEM STOP**

7X - 18 AWG Wires Fed From PUMP STAND

### **ACTIVATION NODE**

2X - 18 AWG Wires From BAY BOX  
1X - Cat 5 or 6 Cable From BAY BOX  
10X - 18 AWG Wires From KIOSK

### **KIOSK**

10X - 18 AWG Wires From ACTIVATION NODE  
2X - Cat 5 or 6 Cable From XPRES WASH  
2X - Cat 5 or 6 Cable From STORE NETWORK  
LOCATION

2X - 4 Wire Shielded Cable from STORE REGISTER  
LOCATION

**XPRES WASH**

120 Outlet Nearby

1X - Cat 5 or 6 Cable to STORE NETWORK  
LOCATION

2X - Cat 5 or 6 Cable to PAY KIOSK

**BAY SIGN (Top)**

2X - Shielded Twisted Pair Signal Cable to BAY BOX

3X - 18 AWG Wires to BAY BOX (Color - Red, Black,  
Green)

PDQ Temperature Sensor To BAY BOX

**CONFIRMATION SIGN (Side)**

1X - Shielded Twisted Pair Signal Cable to BAY BOX

3X - 18 AWG Wires to BAY BOX (Color - Red, Black,  
Green)

**ENTRANCE SIGN**

5X - 18 AWG Wires to BAY BOX

PDQ TEMP PROBE to BAY BOX

**COUNTDOWN TIMER**

2X - 18 AWG Wires to BAY BOX

1X - Shielded Twisted Pair Signal Cable to BAY BOX

**MEASURE SONIC**

To BAY BOX (DO NOT SPLICE)

**MEASURE SONIC**

To BAY BOX (DO NOT SPLICE)

**ENTER DOOR EYES (Into Junction Box)**

3X - 18 AWG Wire to BAY BOX

Pull Grey & Black Door Cables into Junction Box  
With Control Wiring.

Color (Brown Blue White)

**ENTER DOOR**

3X - 18 AWG Wire to BAY BOX

**EXIT DOOR EYE**

3X - 18 AWG Wire to BAY BOX

Pull Grey & Black Door Cables into Junction Box  
With Control Wiring.

Color (Brown, Blue, White)

**EXIT DOOR**

3X - 18 AWG Wire to BAY BOX

**DRYERS**

7X - 18 AWG Wire to BAY BOX

**OFFBOARD TANK**

6X - 18 AWG Wires to PUMP STAND

## **RO TANK**

**2X - 18 AWG Wires to PUMP STAND**

**2X - 18 AWG Wires to RO Unit**

**Feeds To Bay Box (Low Voltage Only)**  
**ASI Will Return To Terminate**  
**THHN Color Coated Wire Required**

**OUTDOOR TEMP PROBE** (Pulled from outdoor entrance sign)

### **PUMP STAND**

3X - 10 AWG Wires (Color preference Red, Black Green) From BAY BOX

1X - 18 AWG Wire From BAY BOX

1X - Cat 5 or 6 Cable From BAY BOX

### **E-CHAIN JUNCTION BOX**

3X - 12 AWG Wires (Color preference Red, Black Green) From BAY BOX

1X - 18 AWG Wire From BAY BOX

1X - Cat 5 or 6 Cable From BAY BOX

### **ACTIVATION NODE**

2X - 18 AWG Wires From BAY BOX

1X - Cat 5 or 6 Cable From BAY BOX

### **BAY SIGN (Top)**

2X - Shielded Twisted Pair Signal Cable to BAY BOX  
3X - 18 AWG Wires to BAY BOX (Color preference Red, Black, Green)  
PDQ TEMP PROBE TO BAY BOX  
**CONFIRMATION SIGN (Side)**  
1X - Shielded Twisted Pair Signal Cable to BAY BOX  
3X - 18 AWG Wires to BAY BOX (Color preference Red, Black, Green)  
**ENTRANCE SIGN**  
5X - 18 AWG Wires to BAY BOX  
PDQ TEMP PROBE to BAY BOX  
**COUNTDOWN TIMER**  
2X - 18 AWG Wires to BAY BOX  
1X - Shielded Twisted Pair Signal Cable to BAY BOX  
**MEASURE SONIC**  
To BAY BOX (DO NOT SPLICE) - Sealtite into side of ultrasonic enclosure  
**MEASURE SONIC**  
To BAY BOX (DO NOT SPLICE) - Sealtite into side of ultrasonic enclosure  
**ENTER DOOR EYE**  
Add Or Use Junction Box At Height That Black/Grey Cables Will Reach  
3X - 18 AWG Wire to BAY BOX (Color Preference Blue, Brown, White)  
**ENTER DOOR**  
3X - 18 AWG Wire to BAY BOX  
**EXIT DOOR EYE**  
Add Or Use Junction Box At Height That Black/Grey Cables Will Reach  
3X - 18 AWG Wire to BAY BOX (Color Preference Blue, Brown, White)  
**EXIT DOOR**  
3X - 18 AWG Wire to BAY BOX  
**DRYERS**  
7X - 18 AWG Wire to BAY BOX  
**CORTEX**  
1X - Cat 5 or 6 Cable From STORE NETWORK LOCATION

#### **Feeds To Pay Kiosk**

##### **XPRESWASH (If Applicable)**

###### **120 Outlet Nearby Enclosure**

1X - Cat 5 or 6 Cable to STORE NETWORK LOCATION  
2X - Cat 5 or 6 Cable to PAY KIOSK

##### **KIOSK**

10X - 18 AWG Wires From ACTIVATION NODE  
2X - Cat 5 or 6 Cable From XPRES WASH  
2X - Cat 5 or 6 Cable From STORE NETWORK LOCATION  
2X - 4 Wire Shielded Cable from STORE REGISTER LOCATION

**Air**

$\frac{1}{2}$  Female Air Drop - With Ball Valve

**Enter Door Air**

$\frac{1}{2}$  Female Air Drop - With Ball Valve

**Exit Door Air**

$\frac{1}{2}$  Female Air Drop - With Ball Valve

**R0 Feed**

$\frac{3}{4}$  Female Drop - Soft Water - With Ball Valve

**Solution Pump**

1- $\frac{1}{4}$  Female Drop - Soft Water - With Ball Valve

**HP Tank Fill (Off Board)**

$\frac{3}{4}$  Female Drop - With Ball Valve

**Hot Water**

$\frac{3}{4}$  Female Drop - With Ball Valve

**Unifoamer**

$\frac{1}{2}$  Inch Female Drop - With Ball Valve

$\frac{3}{4}$  Female Soft Water Drop - With Ball Valve

**Washdown Hose**

1 Inch Male Drop - With Ball Valve At Accessible Height

**Bridge HP Stainless Pipe (Inbay)**

1 Inch Female Thread (Hookup To Hose)

**Underbody HP Stainless Pipe (Inbay)**

1 Inch Female Thread (Hookup To Valve Assembly)

**Bridge HP Stainless Pipe (Pump Room)**

1 Inch Female Thread (Hookup To Hose)

**Underbody HP Stainless Pipe (Pump Room)**

1 Inch Female Thread (Hookup To Hose)