



NOTES:
1. COFFEEWOOD WATER TOWER WIRELESS SYSTEM.
2. PUMP SWITCHES CLOSE WHEN MOTOR IS RUNNING.

INPUT/OUTPUT STATES ON POWER UP:
TRANSMITTER INPUT A753: 4.00mA BRIEFLY, THEN SET TO NORMAL OUTPUT.
TRANSMITTER OUTPUT A753 : RF DATA ONLY

MASTER A750 INPUT: DON'T CARE (RF DATA ONLY)
MASTER A750 OUTPUT: 4:00 mA UPDATED WHEN DATA RECEIVED FROM TRANSMITTER.
MASTER A0033 INPUT : DON'T CARE; PLC DEPENDENT (INPUT TO A0033 FROM PLC MUST BE LOGIC LEVELS).
MASTER A0033 OUTPUT A750: 4.00mA, A0033 OUTPUT: OPEN CONTACT (3 RELAYS).

CONTROL A0033 OUTPUT: OPEN CONTACT (3 RELAYS).
CONTROL A0033 INPUT: DON'T CARE, DEPENDENT ON PUMP SWITCH ON STATUS.

OUTPUT STATES ON RF LINK FAILURE:
TRANSMITTER A753: DON'T CARE, RF LINK INDICATOR OFF.
MASTER A750: 4.00mA, RF LINK ALARM: OPEN; A0033 ??? RF LINK INDICATOR OFF.
CONTROL A0033: OPEN CONTACT (3 RELAYS), RF LINK INDICATOR OFF.

GENERAL I/O NOTES:
OUTPUTS FROM BOTH A0033 MODULES ARE DRY CONTACT RELAYS.

INPUTS TO A750:
RF 4-20mA

INPUTS TO: A0033
PUMP START/STOP SW 1
PUMP START/STOP SW 2
PUMP START/STOP SW 3

OUTPUTS FROM: A0033
PUMP ON/OFF SW 1
PUMP ON/OFF SW 2
PUMP ON/OFF SW 3

INPUTS TO A750:
3 SWITCH CONTACTS (TURN ON PUMPS)

OUTPUTS FROM: A750
3 SWITCH CONTACTS (CLOSED WHEN MOTOR IS ON)RF 4-20mA

COMMENTS: EACH MOTOR CAN BE TURNED ON AND OFF INDIVIDUALLY BY PLC

LEGEND
RF SIGNAL
HARD WIRED

QUOTE OR ORDER NUMBER		Analylnk Wireless, LLC 790 CROSS POINTE ROAD COLUMBUS, OHIO 43230	
REVISIONS		TITLE WIRELESS SYSTEM FOR SP3318	
DATE	BY	DATE	BY
04/03/09			
CHECKED	DATE	NEXT ASS'Y	DWG NO.
APPROVED	DATE		SP3318A