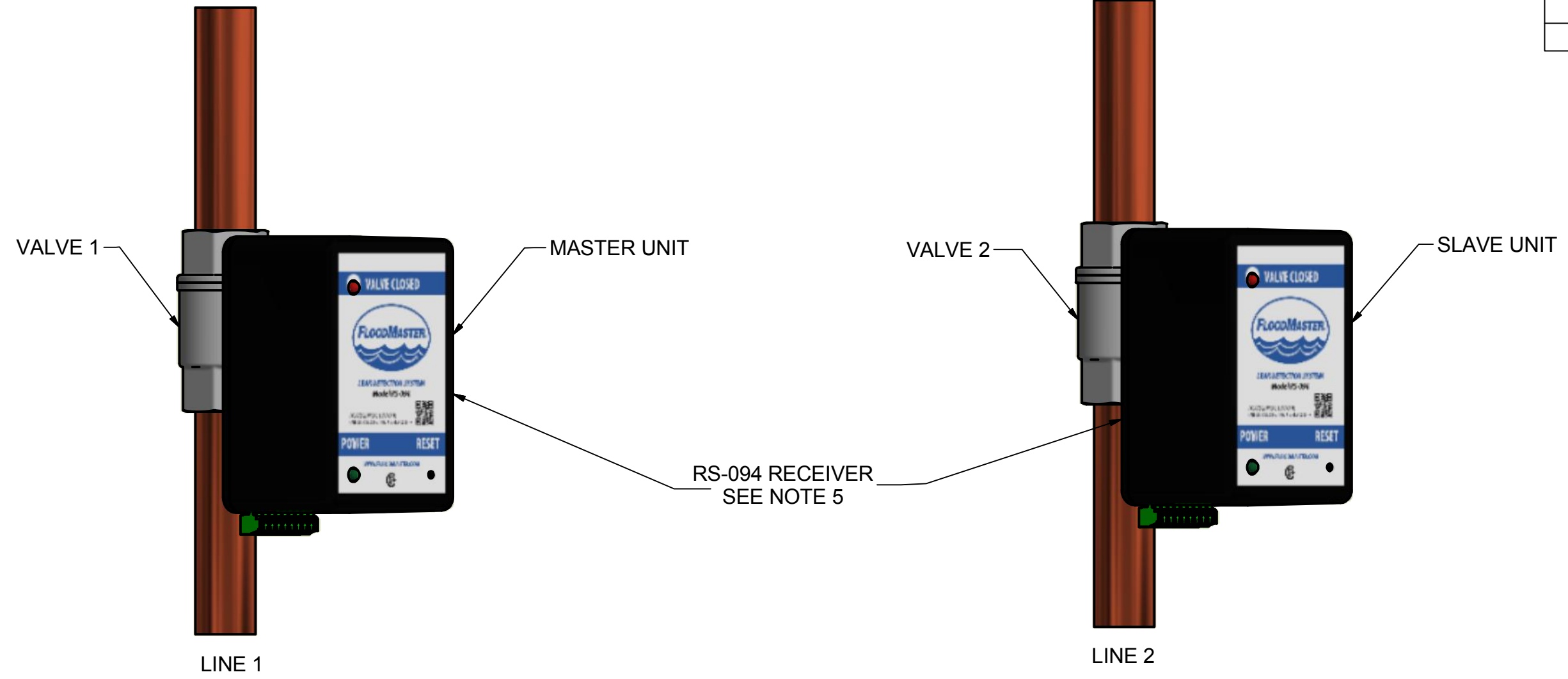


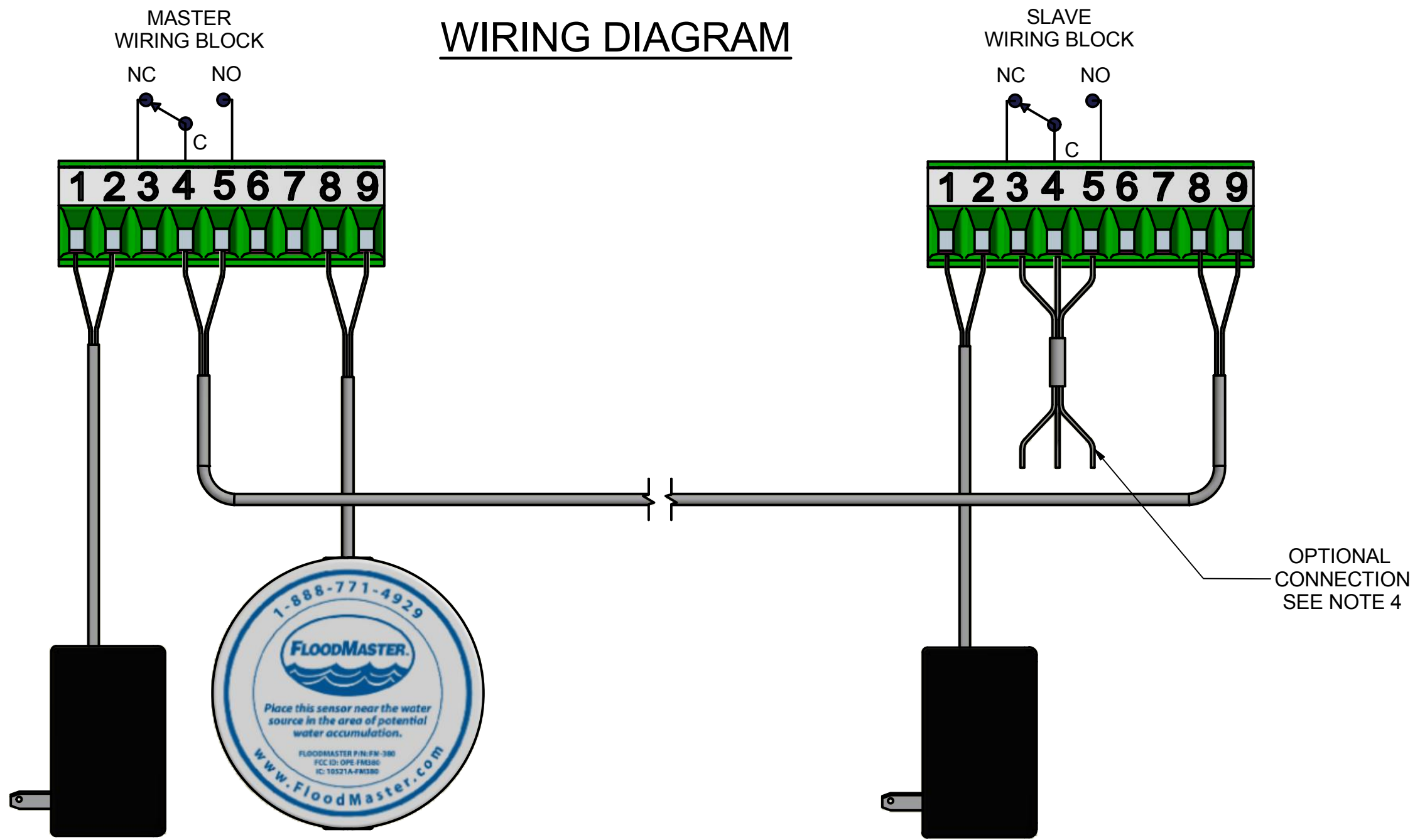
REVISION HISTORY		
REV	DESCRIPTION	DATE
1	ECR 10639, PRELIMINARY DRAWING	12/04/2017



Cross-Wiring of RS-0XX Receivers for Simultaneous Shut-down of Hot and Cold Water Feed Lines
 Scope: Provide field wiring instructions to facilitate simultaneous valve closure of individual hot and cold water feed lines in the event a sensor detects a leak. Primary or Master Receiver includes leak detection sensors and the secondary or Slave Receiver takes input signal from the Master Receiver to close the Slave valve 2. In the event of a water fault, both Master and Slave receivers will need to be reset individually to open to valve and restore the water flow.

- Step 1. Create a wiring connection between **Master Receiver Dry Contact Outputs 4 & 5** (Common and Normally Open) and **Slave Receiver Inputs 6 & 7 or 8 & 9** (Sensor) wiring blocks.
- Step 2. Master Receiver: Confirm Water Sensor(s) installation/connection to (6 & 7 or 8 & 9).
- Step 3. Slave Receiver: Confirm Disconnect/Removal of Sensor(s) on (6 & 7 or 8 & 9).
- Step 4. Optional: If output connection to a pre-existing security panel or other device is required, use the dry contacts on the Slave Receiver (3 - Normally Closed, 4 - Common, 5 - Normally Open)
- Step 5. Test systems:
- Plug in both Master and Slave Receiver
 - Apply damp paper towel to Sensor
 - Master Receiver sounds audible alarm and valve closes. Slave Receiver sounds audible alarm and valve closes.
 - Remove paper towel from Sensor.
 - Press and Release Reset Button on Master Receiver and Slave Receiver. Valves open.
 - Repeat Steps b-e for each Sensor present.

WIRING DIAGRAM



- NOTES:**
- USE THE DRY CONTACT OUTPUT (PIN 4&5) FROM MASTER RECEIVER AS THE SENSOR INPUT TO SLAVE RECEIVER (PIN 8&9 OR 6&7).
 - DO NOT CONNECT SENSOR TO SLAVE RECEIVER (PIN 8&9 OR 6&7).
 - WHEN MASTER RECEIVER SENSES WATER AND ALARMS, VALVE 1 WILL CLOSE. THE DRY CONTACTS FROM MASTER RECEIVER SWITCHES FROM NC TO NO OPERATION. THIS CLOSURE CAUSES SLAVE RECEIVER TO ALARM AND CLOSES VALVE 2.
 - DRY CONTACTS (PIN 4,5,&6) ON THE SLAVE RECEIVER CAN BE USED TO CONNECT TO SECURITY PANELS, BUZZERS, OR OTHER NOTIFICATIONS.
 - RS-094 SERIES USED. OTHER RS-XXX MODELS CAN BE USED. PLEASE CALL CUSTOMER SERVICE FOR OTHER COMPATIBLE MODELS.

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		dnguyen		27 Business Park Drive, Branford, CT 06405	
				TITLE	
				RS-XXX CROSS WIRE FOR SIMULTANEOUS SHUT DOWN	
		CODE IDENT NO.	21603	SIZE	REV
				C	1
				DWG NO	
				M4959	
		SCALE	NONE	SHEET	1 OF 1