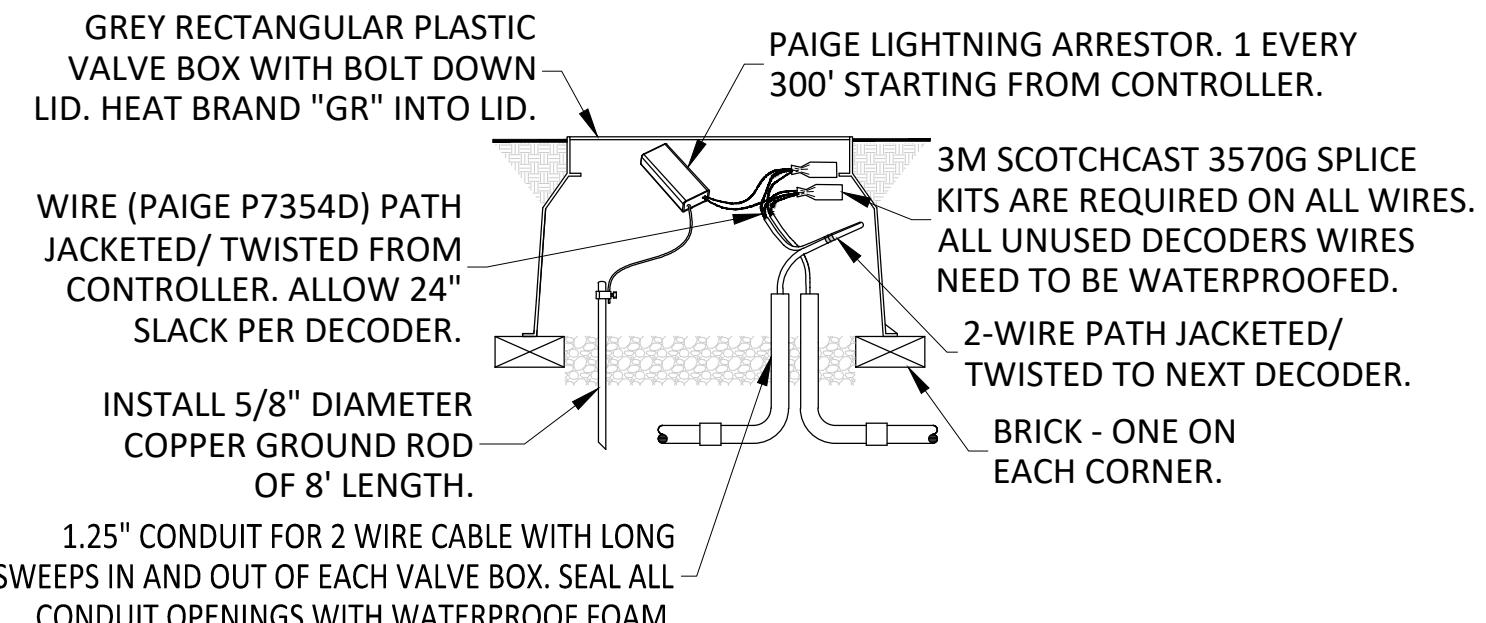


IRRIGATION TWO WIRE PULL BOX



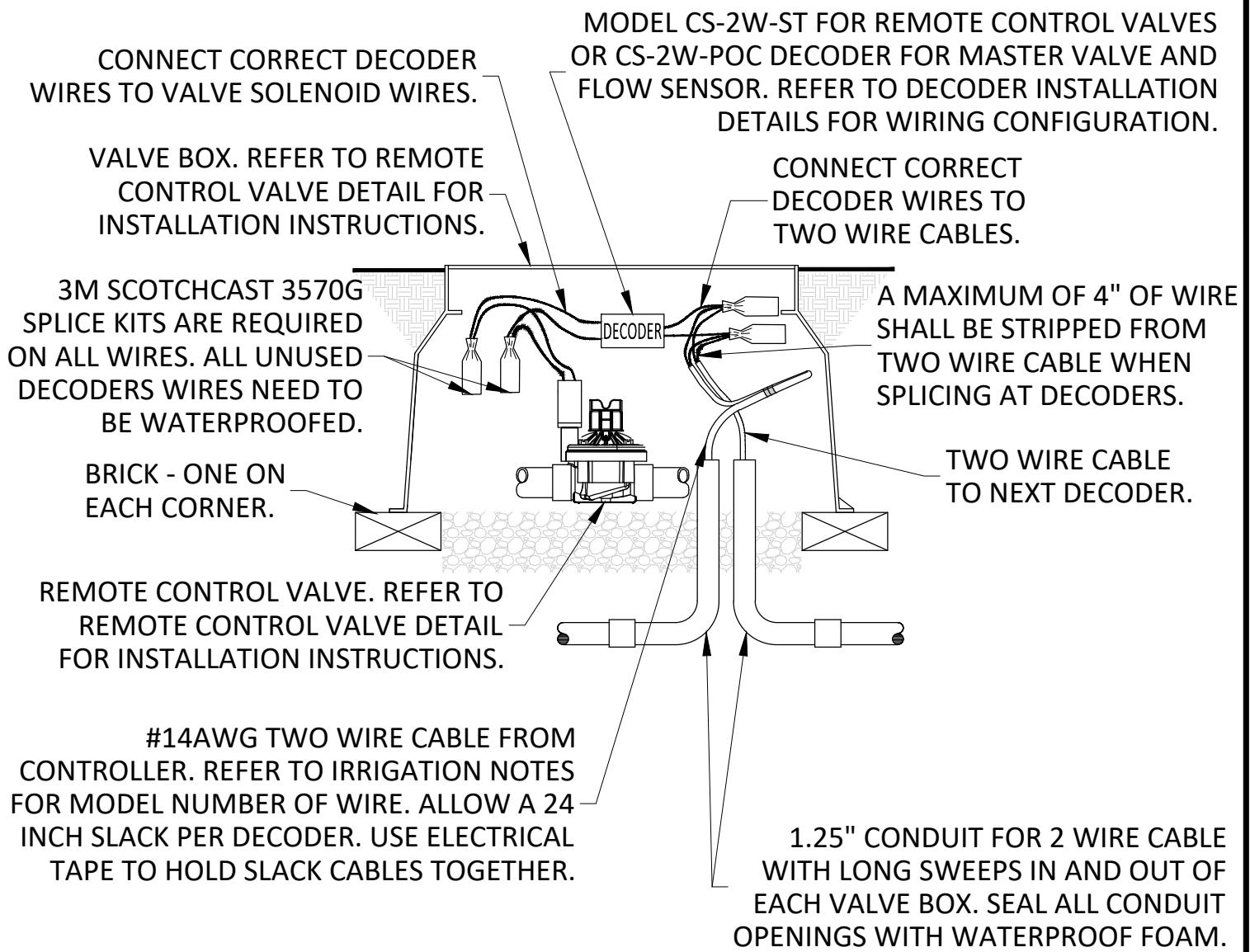
NOTE:

TWO WIRE DECODER SYSTEMS MUST BE PROPERLY GROUNDED IN ORDER TO PROTECT AGAINST LIGHTNING SURGES. THE COMMUNICATION CABLE MUST BE GROUNDED EVERY 300' AND THE END OF THE TWO WIRE PATH. THE SURGE DEVICE MUST BE A PAIGE LIGHTNING ARRESTOR. CALSENSE RECOMMENDS A SCREW CLAMP OR CADWELD TYPE CONNECTOR TO BE USED TO CONNECT THE GROUND WIRE TO THE SURGE ARRESTOR.

CALSENSE LIGHTNING ARRESTOR

CITY OF MILLBRAE * STANDARD PLANS

NO.	REVISIONS		DATE	WIRE BOXES	APPROVED _____ City Engineer
DRAWN	CK	CHECKED	NT	DATE 03/2024	SCALE NTS
SHEET	1 OF 4	DWG. NO.	L-6.1		



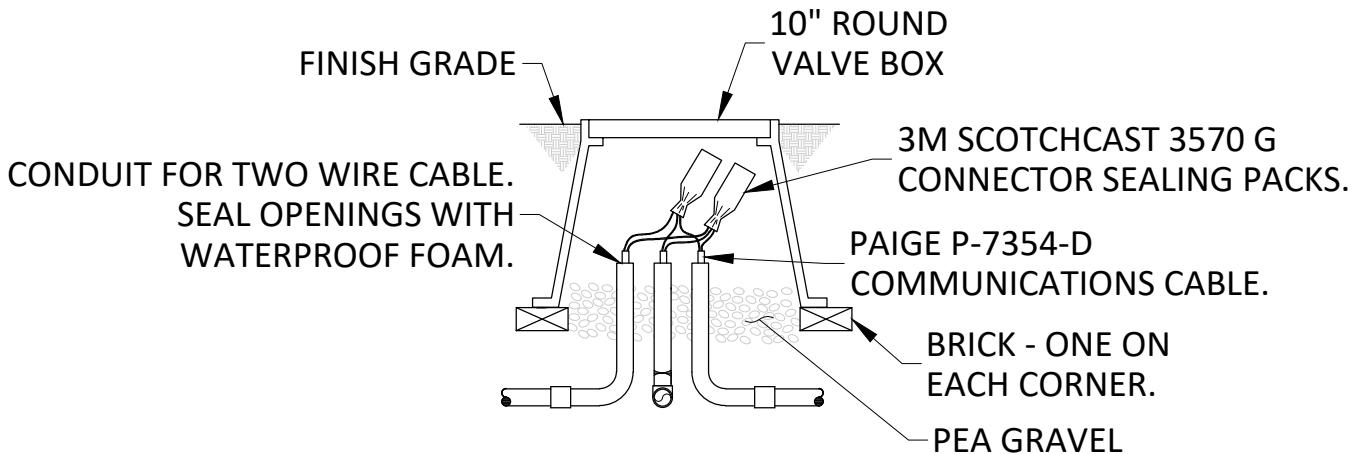
CALSENSE - 2 STATION DECODER WIRING IN CONDUIT

NOTE:

1. ALL DECODERS SHALL HAVE A VALVE NUMBER ADDRESSED AT CONTROLLER PRIOR TO INSTALLATION.
2. USE U.F. SAFETY CABLE STRIPPER BY KING INNOVATION (MODEL NUMBER 46200) FOR ALL TWO-WIRE SPLICING CONNECTIONS.

CITY OF MILLBRAE * STANDARD PLANS

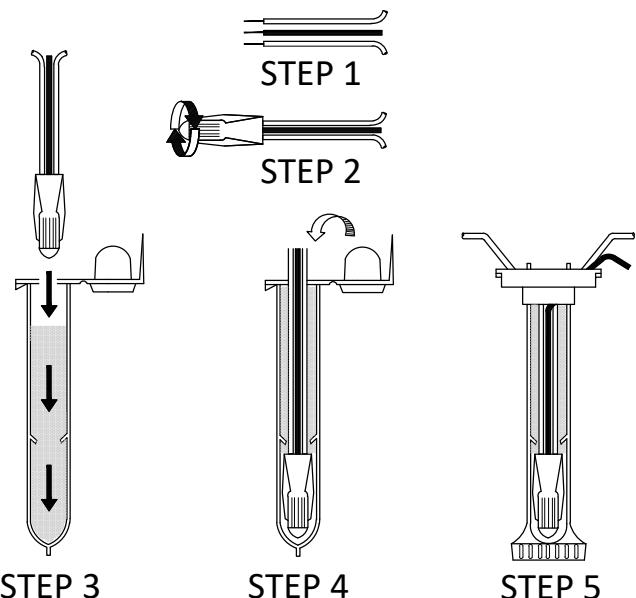
NO.	REVISIONS		DATE	WIRE BOXES	APPROVED _____ City Engineer
DRAWN	CK	CHECKED	NT		
DATE	03/2024		SCALE	NTS	SHEET 2 OF 4
					DWG. NO. L-6.2



CALSENSE 2-WIRE SPLICING BOX AT MAIN LINE TEE OR 3 WAY WIRE BRANCH

NOTE:
MAXIMUM # OF WIRES PER CONNECTOR:

- 3-#14 GAUGE
- 2-#12 GAUGE



INSTRUCTIONS:

1. STRIP WIRES APPROXIMATELY 1/2" FROM ENDS TO EXPOSE WIRE.
2. TWIST CONNECTOR AROUND WIRES CLOCKWISE UNTIL HAND TIGHT, DO NOT OVERTIGHTEN.
3. INSERT WIRE ASSEMBLY TO BOTTOM OF GEL-FILLED TUBE. CHECK TO MAKE SURE CONNECTOR HAS BEEN PUSHED PAST LOCKING FINGERS AND IS SEATED AT THE BOTTOM OF THE TUBE.
4. PLACE WIRES WHICH EXIT TUBE IN WIRE EXIT HOLES AND CLOSE CAP UNTIL IT SNAPS.
5. INSPECT FINAL SPLICING ASSEMBLY THAT IT IS SECURED.

WEATHERPROOF WIRE SPLICING ASSEMBLY

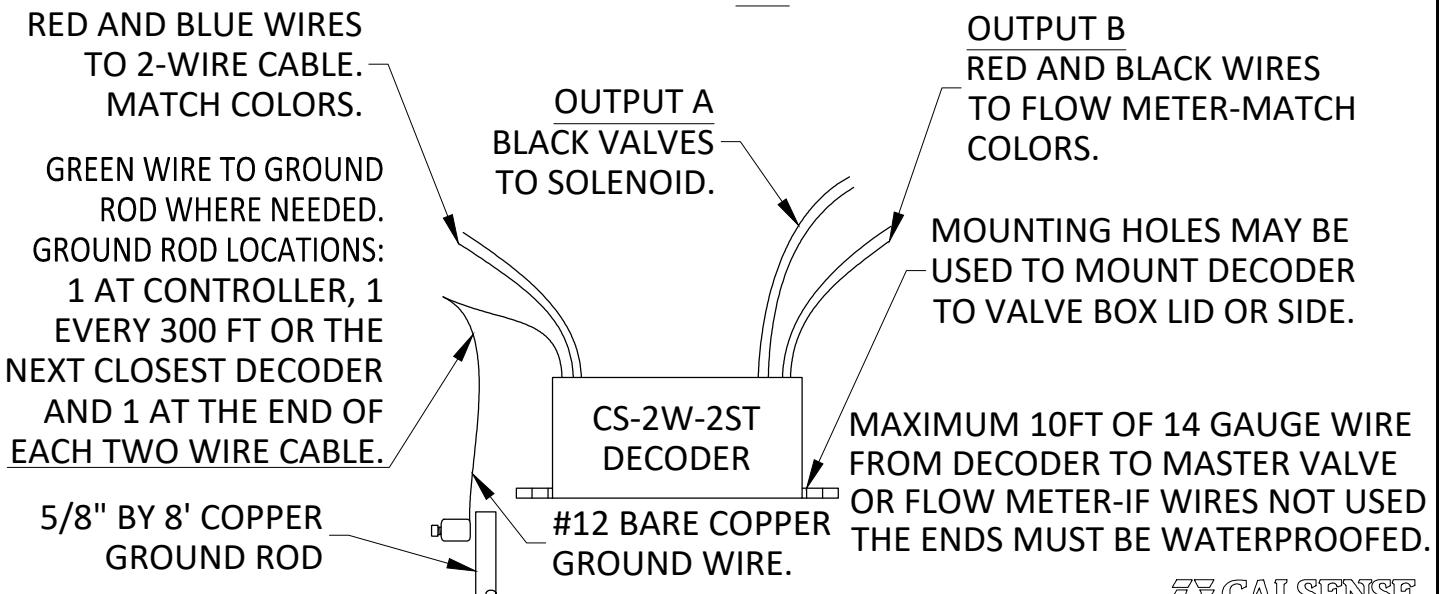
CITY OF MILLBRAE * STANDARD PLANS

NO.	REVISIONS		DATE	WIRE BOXES	APPROVED	
DRAWN	CK	CHECKED	NT	DATE 03/2024	SCALE NTS	
					SHEET 3 OF 4	
					DWG. NO. L-6.3	

City Engineer

CALSENSE 2-STATION MODEL CS-2W-2ST DECODER INSTALLATION

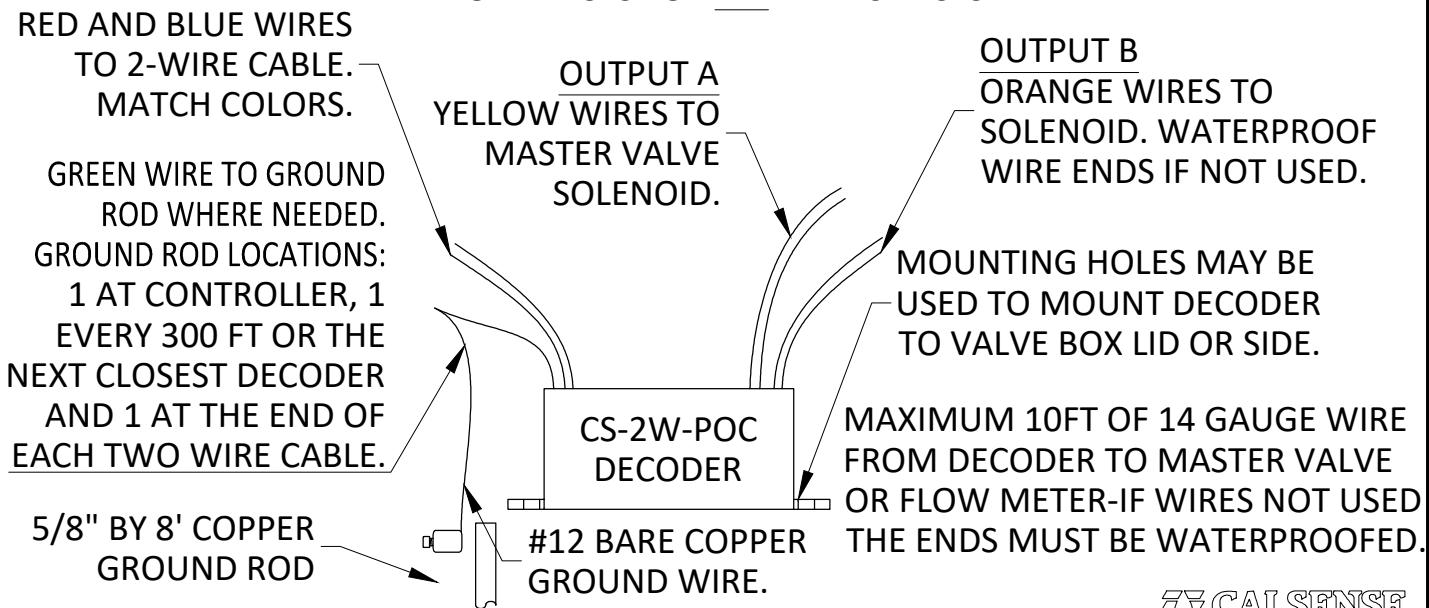
USE 3M SCOTCHCAST NO. 3570G-N
EPOXY PACKS FOR ALL WIRE SPLICES



 CALSENSE.

CALSENSE POC MODEL CS-2W-POC DECODER INSTALLATION

USE 3M SCOTCHCAST NO. 3570G-N
EPOXY PACKS FOR ALL WIRE SPLICES



 CALSENSE.

CALSENSE DECODER WIRING INSTALLATION

CITY OF MILLBRAE * STANDARD PLANS

NO.	REVISIONS		DATE	WIRE BOXES	APPROVED	
DRAWN	CK	CHECKED	NT	DATE 03/2024	SCALE NTS	4 OF 4
						DWG. NO. L-6.4

City Engineer