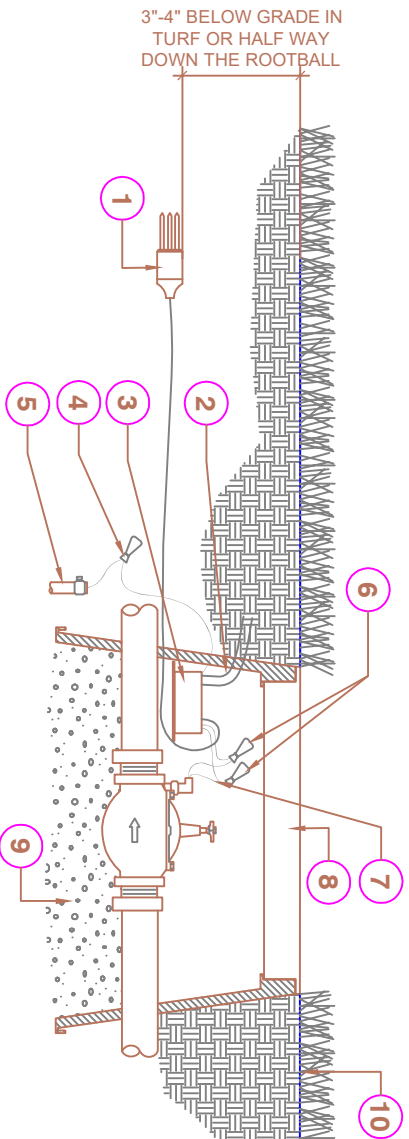


- NOTES:
1. ALL WIRE CONNECTIONS AND LOOSE, UNUSED WIRES TO BE WATERPROOFED USING 3M SCOTCHCAST 3570G-N CONNECTOR SEALING PACKS.
 2. GROUND RODS TO BE LOCATED (WHERE NECESSARY):
 - 2.1. 1 AT EACH CONTROLLER
 - 2.2. 1 AT EVERY DECODER CLOSEST TO 300FT. FROM PREVIOUS GROUND ROD
 - 2.3. 1 AT THE END OF EACH 2-WIRE CABLE PATH



- SOIL MOISTURE SENSOR INSTALLATION NOTES:
1. DIG A HOLE OR TRENCH A FEW INCHES DEEPER THEN THE DEPTH AT WHICH THE SENSOR IS TO BE INSTALLED. FOR TURF, 3"-4" BELOW GRADE. FOR OTHER PLANT MATERIAL, PLACE HALF-WAY DOWN THE ROOT BALL.
 2. AT THE INSTALLATION, INSERT THE SENSOR INTO THE UNDISTURBED SOIL UNTIL THE THREE PRONGS ARE NO LONGER VISIBLE. THE TIP OF EACH PRONG IS SHARPENED TO MAKE IT EASIER TO PUSH IN THE SENSOR. BACKFILL THE HOLE, TAKING CARE TO PACK THE SOIL BACK TO NATURAL DENSITY AROUND THE BLACK POLYURETHANE PORTION OF THE SENSOR.
 3. THE SENSORS MAY BE DIFFICULT TO INSERT INTO EXTREMELY COMPACT OR DRY SOIL. IF YOU HAVE DIFFICULTY INSERTING THE SENSOR, TRY LOOSENING THE SOIL SOMEWHAT OR WETTING THE SOIL. NEVER POUND THE SENSOR INTO THE SOIL, AS YOU MAY DAMAGE THE SENSOR.

1. INSTALL SENSOR TIP IN UNDISTURBED SOIL
2. RED AND BLUE WIRES TO 20WIRE CABLE. MATCH COLORS
3. CALSENSE SOIL MOISTURE SENSOR DECODER, MODEL CS-2W-MOIST
4. 3M SCOTCHCAST 3570G-N CONNECTOR SEALING PACK WATERPROOF ELECTRICAL CONNECTION FOR GREEN GROUND TO #6 BASE COPPER GROUND WIRE ATTACHED TO GROUND ROD.
5. (5/8" x 8') COPPER CLAD GROUND ROD. SEE NOTES.
6. 3M SCOTCHCAST 3570G-N CONNECTOR SEALING PACK WATERPROOF ELECTRICAL CONNECTION FOR BLACK WIRES FROM DECODER TO SOLENOID
7. MAXIMUM OF 100FT 14 GAUGE WIRE FROM DECODER TO SOLENOID
8. RECTANGULAR VALVE BOX
9. 6" - 8" OF PEA GRAVEL IN VALVE BOX
10. FINISH GRADE (LAWN OR OTHER)

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CS3-2W-MOIST

1 1/2" = 1'-0"

DETAIL-FILE