1. **RAIN BIRD CONTROLLER**

2. **SOLID BARE COPPER WIRE (#10 AWG) FROM GROUNDING ROD TO CONTROLLER. MAKE WIRE AS SHORT AND STRAIGHT AS POSSIBLE**

3. **COVER GROUNDING ROD WITH 10-INCH ROUND VALVE BOX AS SHOWN**

4. **5/8-INCH X 10 FT COPPER CLAD GROUNDING ROD OR GROUNDING PLATE. INSTALL RODS IN SOIL IN A TRIANGULAR PATTERN SPACED A MINIMUM OF 16 FT APART FROM EACH OTHER. GROUNDING GRID TO HAVE A RESISTANCE OF TEN (10) OHMS OR LESS**

5. **BARE COPPER WIRE (#6 AWG MIN.) BETWEEN GROUNDING ROD AND GROUNDING PLATE**

6. **GROUND ROD CLAMP OR WELDS**

7. **COPPER GROUNDING PLATE**

8. **GROUND ENHANCEMENT MATERIAL (IF REQUIRED)**

9. **FINISH GRADE**

---

**CONTROLLER GROUNDING GRID**

**GROUNDING PLATE DESIGN LAYOUT**

6-10-10

N.T.S.