

IRRIGATION CONTROLLER ENCLOSURE FABRICATION NOTES:

1. ALL STEEL SHAPES, PLATES AND BARS USED FOR THESE FABRICATIONS SHALL CONFORM TO THE "SPECIFICATION FOR STRUCTURAL STEEL" ASTM A-36 OR THE "SPECIFICATIONS FOR COLD-FORMED WELDED AND SEAMLESS CARBON STEEL STRUCTURAL TUBING IN ROUNDS AND SHAPES" ASTM A-501.
2. ALL WELDING SHALL BE BY THE SHIELDED ARC METHOD AND SHALL CONFORM TO THE AWS D1.1 "STRUCTURAL WELDING CODE".
3. ALL STEEL SHAPES, PLATES, BARS AND FABRICATED ASSEMBLIES SHALL BE GALVANIZED IN ACCORDANCE WITH THE "SPECIFICATION FOR ZINC (HOT-GALVANIZED) COATINGS ON PRODUCTS FABRICATED FROM ROLLED, PRESSED AND FORGED STEEL SHAPES, PLATES BARS AND STRIP" ASTM A-123, OR BY THE APPLICATION OF AN ORGANIC ZINC RICH COATING. THE ORGANIC ZINC RICH COATINGS SHALL BE "GALVANOX", "GALVOWELD", OR APPROVED EQUAL.
4. ALL BURRS SHALL BE REMOVED FROM CUT OR DRILLED STEEL SHAPES, TUBES, PLATES AND BARS.
5. ALL BOLT HOLES SHALL BE DRILLED, NOT FLAME CUT, THROUGH ALL STEEL FABRICATED PLATES. HOLES IN MATING PLATES SHALL BE MATCH DRILLED.
6. ALL THREADED NUTS AND BOLTS SHALL CONFORM TO ASTM A-307, GRADE "B" AND SHALL BE ZINC PLATED IN ACCORDANCE WITH ASTM B-633.
7. FINISH ENTIRE ASSEMBLY W/POLYESTER POWDER COAT WHITE.
8. ALL SUNSHIELD SPACERS SHALL BE ALUMINUM TUBING (6061 OR SIMILAR).