



NOTES

1. CURB VALVE PLACEMENT:
 - A. IN NEW CONSTRUCTION, INSTALL VALVE AT EDGE OF LOT IN PUBLIC ROW AS PER DISTRICT.
 - B. ALL VALVES ARE TO BE INSTALLED IN THE PARK STRIP OR WITHIN 7 FEET OF ROW LINE.
 - C. DO NOT INSTALL VALVES UNDER DRIVEWAY APPROACHES, SIDEWALKS, OR CURB AND GUTTER.
2. VALVE BOX:
 - A. SET BOX SO GRADE OF THE FRAME AND COVER MATCHES THE GRADE OF THE SURROUNDING SURFACE.
 - B. IN VEHICULAR TRAFFIC AREAS PROVIDE TRAFFIC LOADING BOX AND GRATE.
3. PIPE PLACEMENT: WATER LINE MAINS SHALL BE SET WITH A MINIMUM COVER OF 36-IN.
4. PIPE: IRRIGATION WATER LINE MAIN SHALL BE PVC PURPLE PIPE. IRRIGATION SERVICE LATERAL SHALL BE HDPE, AS PER DISTRICT.
5. CONNECTIONS:
 - A. USE STIFFENERS ON ALL POLY (COPPER TUBE SIZE) CONNECTIONS.
 - B. SADDLE CONNECTIONS ON MAIN LINE SHALL BE A MINIMUM OF 2-FT FROM NEXT SERVICE SADDLE LOCATION.
 - C. USE LOCK-IN FOLLOWERS "GRIP RINGED" ON ALL M.J FITTINGS.
 - B. ALL BEVELED ENDS SHALL BE CUT OFF BEFORE BEING CONNECTED TO A MECHANICAL JOINT FITTING.
6. CASTING: GREY IRON CLASS 35 MINIMUM PER ASTM A 48.
7. FITTINGS: PROVIDE BRASS FITTINGS AND NIPPLES. DO NOT USE GALVANIZED MATERIALS.
8. INSPECTION: PRIOR TO BACKFILLING, SECURE INSPECTION OF INSTALLATION BY ENGINEER OR DISTRICT REPRESENTATIVE.
9. BACKFILL: PROVIDE AND PLACE PER DISTRICT STANDARD SECTION 31 05 13. COMPACT PER SECTION 31 23 26 TO A MODIFIED PROCTOR DENSITY OF 95 PERCENT OR GREATER. MAXIMUM LIFT THICKNESS IS 8 INCHES BEFORE COMPACTION.



IRRIGATION MAIN AND SERVICE

SDWD
STANDARD
DETAIL

FEBRUARY 2016

108