

## COTTONWOOD IMPROVEMENT DISTRICT AS-BUILT STANDARDS

### Media:

1. Stable Base single or double matte Mylar
2. 24" x 36"
3. Heat fused toner not acceptable
4. A digital copy in dwg (preferred) or dxf format on 1.44 mb 3.5" floppy or cdrom is required. (a waiver of this requirement may be granted if the project was not drafted using a computer.

### Scale:

1. Scales from 1"=10' to 1"=100' are acceptable.

### Format:

1. Plan & Profile drawing must be on the same sheet.
2. Plan and profile must be shown for all lines 8" diameter and larger.
3. Entire plan and profile must be on one sheet or if on separate sheets, an overall plan, keyed to individual sheets, showing sewer lines, manholes and stations, must be included.
4. Lateral locations must be shown. Location of tee must be coordinated with contractor. Location of lateral stub must be field located from the 2x4 marking its location. Precise coordinates must be determined for each lateral stub. Coordinates may be determined by using land-surveying techniques or by taking a minimum of 2 measurements for each lateral from different lot corners.
5. Actual locations, including horizontal position, elevation and grade of new sewer lines and manholes, must be shown. A Land surveyor shall accurately measure locations after installation and testing are complete.
6. A project benchmark shall be shown.
7. Project coordinates and bearing base shall be shown.
8. Type of pipe and diameter must be shown.
9. Diameter or size of manhole must be shown.
10. Approximate finish road grade and manhole rim elevation must be shown.
11. Date of as-built must be shown.
12. Lot lines, Row Lines, Subdivision Boundary, Lot Numbers and Lot Addresses must be shown.

### Timing:

1. The as-built drawing must be submitted within 3 weeks of completion of the last main-line air test.
2. At any point in time after the three week period, Cottonwood Improvement District may elect to keep the as-built mylar deposit and hire a surveyor of its own choice to do the work.

