



## **SECTION 1 – DRAFTING STANDARDS**

---

1. Version: All drawings shall be saved to AutoCAD 2004
2. Consultants contracted for capital projects shall use the drawing layering system, sheet numbering system, and line types consistent with the United States National CAD Standards.
3. Plotting guidelines, colors and line weights: Colors and line weights for layers shall be defined as follows:

<u>Layer Color</u>		<u>Plotted Line Weight</u>
Dark Gray	Color 8	0.005
Light Gray	Color 9	0.005
Yellow	Color 2	0.050
Blue	Color 5	0.070
Red	Color 1	0.100
Magenta	Color 6	0.150
Green	Color 3	0.180
Cyan	Color 4	0.200
White/Black	Color 7	0.400 (use object line weight, but generally the heaviest)
Orange	Color 20	0.500 (for match lines)

4. Colors assigned to layer names and objects: Shall be determined by Parks Project Manager.
5. Layers: All layers should be color dependent and shall be set to print in black according to the layer line weight table above.
6. Plotting: Provide plot files as part of project deliverables. Plot files shall include both full size and half size plot files.
7. Contours and Drawing Objects: Do not use ‘modeler’ contours. All contours and objects created in LandCAD and CivilCAD shall be “exploded” in the final AutoCAD drawings delivered to Parks.
8. Font: General font style shall be Simplex
9. Standard Template & Title Block: As determined by the Park Project Manager, which may include use of the Park Standard Template.

10. Units: As determined by Park Project Manager
11. Standard Sheet Size: Unless specified otherwise, full size plots (1:1) shall be set on 24x36 paper with 1 inch borders all around. Half size (2:1) plots shall be set on 11x17 paper with 1/2" borders all around.
12. Readability of Paper Plot: Information needed to describe the purpose of the drawing shall be fully legible. Paper plots shall be plotted so as no line data is lost when reproduced with standard photocopies.
13. X-referencing: Permanently bind all 'x-refs' to drawing file prior to delivery.