SECTION 1 – DRAFTING STANDARDS

1. Version: All drawings shall be saved to AutoCAD 2009

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:

Layer Color		Plotted Line Weight	
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 minimum 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.

14. Do not rotate the UCS in model space. Rotation in viewport only is allowed. North shall always be in the upward direction on all drawings.

15. Objects in model space shall always be drawing at a 1:1 ratio. Do not change or scale objects in model space.

16. General text shall not have annotative properties. Dimstyles shall be annotative.