

APPENDIX E

REQUIREMENTS FOR DISK SUBMITTALS

1. The information required in Paragraph C, Plan Requirements, shall also be submitted on a 3.5” floppy disk or CD-ROM in an AutoCAD.DXF compatible or AutoCAD.DWG file. All digital data shall conform to the following guidelines:
 - The coordinate system shall be Massachusetts State Plane coordinates using the new North American Datum of 1983 (NAD83) and the newer North American Vertical Datum of 1988 (NAVD). Whenever possible, the plan submittals shall be “tied into” real world State Plane coordinates using the datums specified above. To demonstrate this tie down, all features should be stored in Massachusetts State Plane Coordinate System and the plan location and coordinate values of at least two points should be included in the submitted CADD file.
 - In addition, the CADD file should use the layering scheme listed in Table E-1 on the following page. This layering system will ensure that all plans are submitted to the town in a consistent format.”

TABLE E-1

DESCRIPTION OF LAYERS - GIS REQUIREMENTS

Layer Description	Layer Name	Layer Number	Color
BASE MAP			
Edge of pavement (curbs)	ROAD	1	Black
Sidewalks	SIDEWALK	2	Black
Building foot/roofprints	BUILDING	3	Red
Streams and ponds	HYDRO	4	Blue
Wetlands/wet area	WETAREA	5	Green
Driveways/parking area	DRIVEWAY	6	Grey
Parcel boundaries and dimensions	PARCELS	7	Black
Property markers (monuments)	PROPMRK	8	Black
TOPOGRAPHY			
Existing contours/Spot elevations	CONTOUR	9	Black
Proposed contours	PROPCONT	10	Black
UTILITIES			
Existing water system (lines & appurtenances)	WATERSYS	11	Cyan
Proposed water system (lines & appurtenances)	PROPWAT	12	Cyan
Public or private wellhead locations	WELLS	13	Cyan
Existing sewer system (lines & appurtenances)	SEWERSYS	14	Yellow
Proposed sewer system (lines & appurtenances)	PROPSEW	15	Yellow
Existing drain system (lines & appurtenances)	DRAINSYS	16	Blue
Proposed drain system (lines & appurtenances)	PROPDRN	17	Blue
Electric system & street lighting (lines, poles, appurtenances)	ELECTRIC	18	Orange
Cable TV system (lines, poles, appurtenances)	CATV	19	Grey
Gas system (lines, & appurtenances)	GAS	20	Magenta
OTHER FEATURES			
Zoning boundaries & classification text	ZONE	21	Magenta
Fences & walls	FENCE	22	Red
Wooded area (treelines)	WOODS	23	Green
Floodplains	FLOOD	24	Cyan
Rock outcroppings	ROCK	25	Grey
Large trees (12" diameter)	TREES	26	Green
Parks & playgrounds	PARKS	27	Green
Coordinate locations and text	COORDS	28	Black
<i>Additional Layers:</i> Proponents discretion on naming, however, documentation on all layer names should be provided to Foxborough			

5/14/98