

CITY OF VICTORVILLE ENGINEERING DEPARTMENT

DIGITAL SUBMISSION REQUIREMENTS FOR SUBDIVISION MAPS

APRIL 10, 2006

The City Engineer of the City of Victorville requires that subdivision maps within the incorporated territory of the City of Victorville and its Sphere of Influence be submitted to the Engineering Department in both digital and hardcopy formats. Digital submission necessitates the timely updating, revising and distributing of the most current and accurate mapping data available for GIS (Geographic Information System) Operations. To streamline the digital submission process and enhance the usefulness of the data, the following specification shall be adhered to. Other standards may be added as needed by the City Engineer. Deviation from this requirement shall be on a case-by-case basis at the discretion of the City Engineer upon submittal of a written request.

This requirement will be in addition to the existing hardcopy submission requirements for the subdivision process. The digital version will be required with the "First" and "Final" plan check submittals. The intent is that the required hardcopy could be produced from the same digital source without significant modification from the digital submission. The hardcopy final map will continue to be the official document of record. These specifications do not affect in any way existing requirements of other departments regarding map/plan processing.

Contact information must be provided to include: Company Name, Date, Name (Point of Contact), Phone Number and Email Address.

The digital file will consist of the following deliverable on a CD ROM. A 2 dimensional to scale graphic representation of the subdivision transmitted as either an AutoCAD *.DWG file, or an ArcInfo/Arcview (ESRI) file. The AutoCAD format (preferred) should be AutoCAD 2000 version or better (a *.DXF file is also acceptable). Please include all the necessary files on your submittal disk (i.e. XREF-ed files). **Note: The model space of the submitted drawings should contain the entire project (showing parcels, centerlines, etc.) and should NOT be divided into sheets for plotting purposes.** If ArcInfo is used, the files must be a line coverage format, an e00 export format or shapefile format (.shp).

All GIS data within the City of Victorville is projected in State Plane coordinates (Projection: Lambert Conformal Conic). The proposed City requirement for Digital Submission may include the City offering developers a copy of the **City of Victorville Survey Control Network** COV_Control layer for the developer to tie the project to. The basis of bearings and all coordinates of data submitted to the City must be in reference to the California Coordinate System – 1983, Zone V FIPS 0405 (feet), 1992.88 Epoch, North American Datum of 1983 (NAD 83). The **(GRID)** coordinate ties to the project boundary in the digital submission must meet third order accuracy from two (2) control monuments within the City of Victorville Survey Control Network. All other coordinates and line work will be scaled to **(GROUND)** distances and be within 0.5 feet of the true California Coordinate System values.

The graphic data must be represented on the following 10 layers only:

<u>LAYER NAME</u>	<u>COLOR</u>	<u>LINETYPE / FONT STYLE</u>	<u>LINEWEIGHT / TEXT HEIGHT</u>
COV_Boundary	Blue	Continuous	.64
COV_Centerlines	Yellow	Continuous	.45
COV_Centerline_Labels	White	Arial or Simplex	.15(Scale)
COV_Dimensioning	Green	Arial or Simplex	.10(Scale)
COV_Parcels	Cyan	Continuous	.30
COV_Right_Of_Way	Red	Continuous	.45
COV_Easements	Magenta	Continuous	.30
COV_Control	White	Dashed	.30
COV_Annotation	Green	Arial or Simplex	.15(Scale)
COV_North_Arrow_Misc	White	Continuous	.30

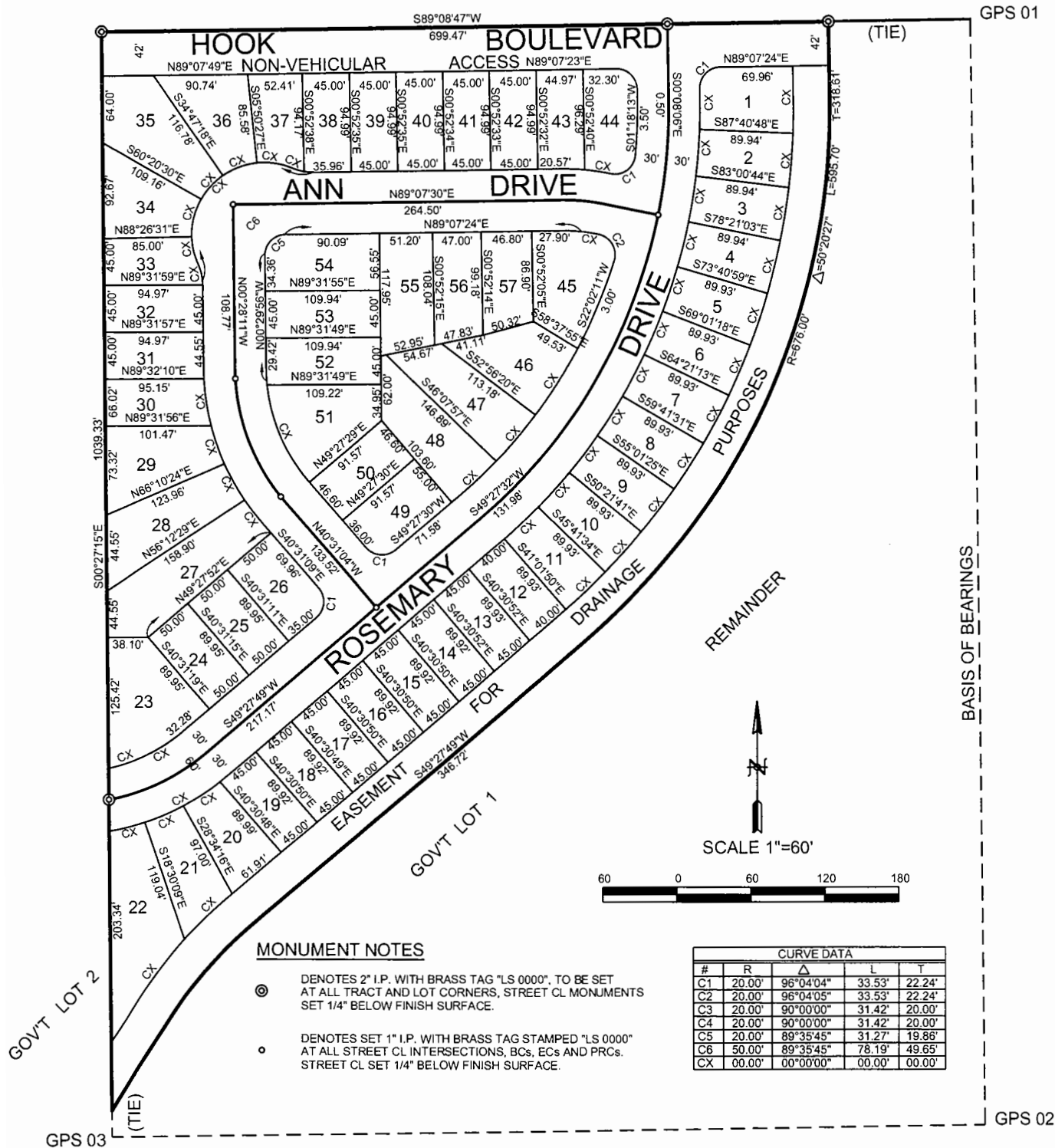
Exceptions from these requirements can be made with the express written permission of the City Engineer or his designee. For further information or clarification of this specification, contact:

Engineering Department
City of Victorville
14343 Civic Drive
Victorville, CA 92392
Bus. (760) 955-5158
Fax (760) 955-5159

Entire Subdivision

Layers 1 - 10 (ON)

TRACT MAP No. 12345

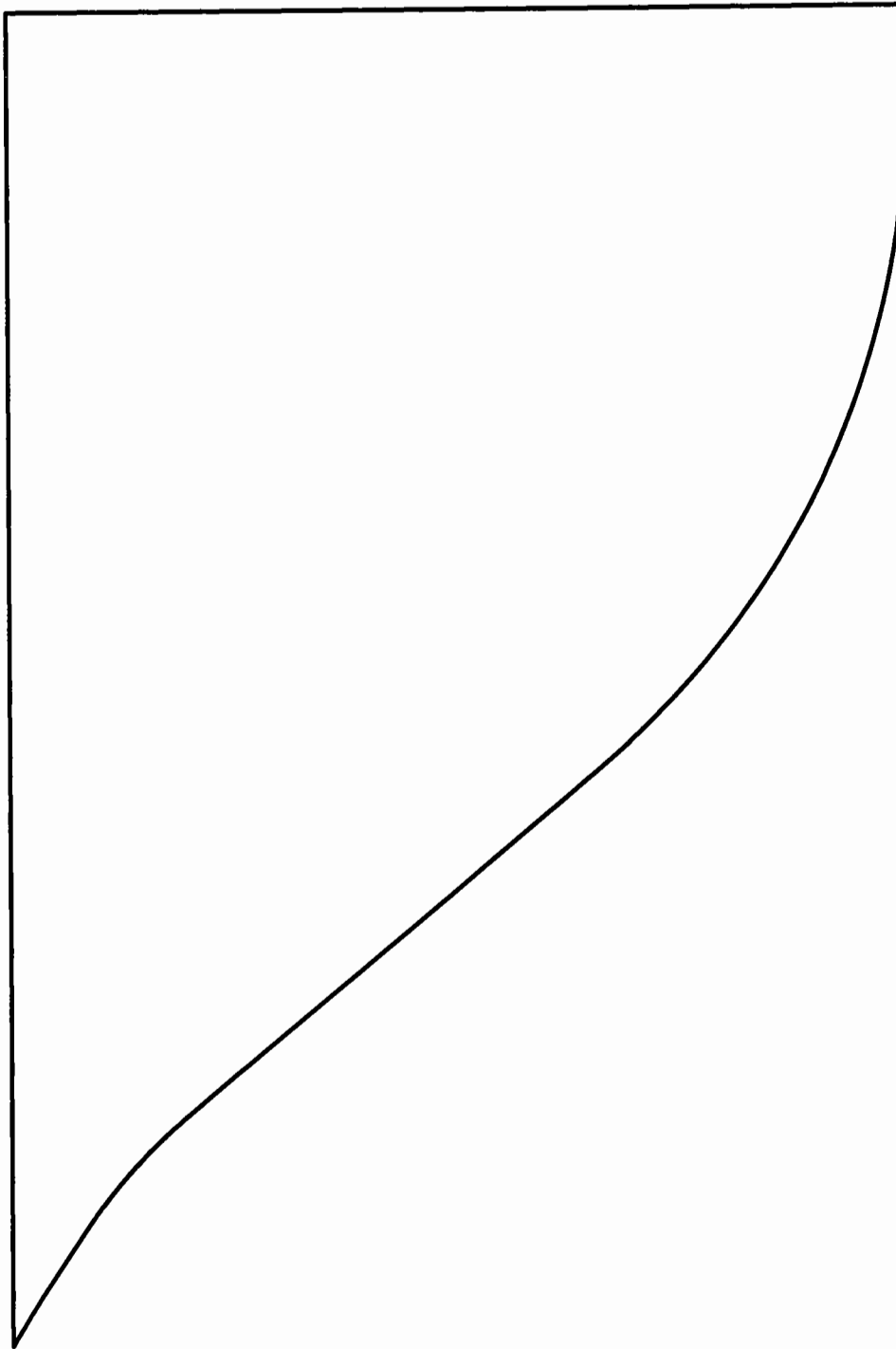


"EXHIBIT ONLY"

NOT INTENDED AS A MAP TEMPLATE

COV_Boundary

Layer 1



Color

Blue

Linetype

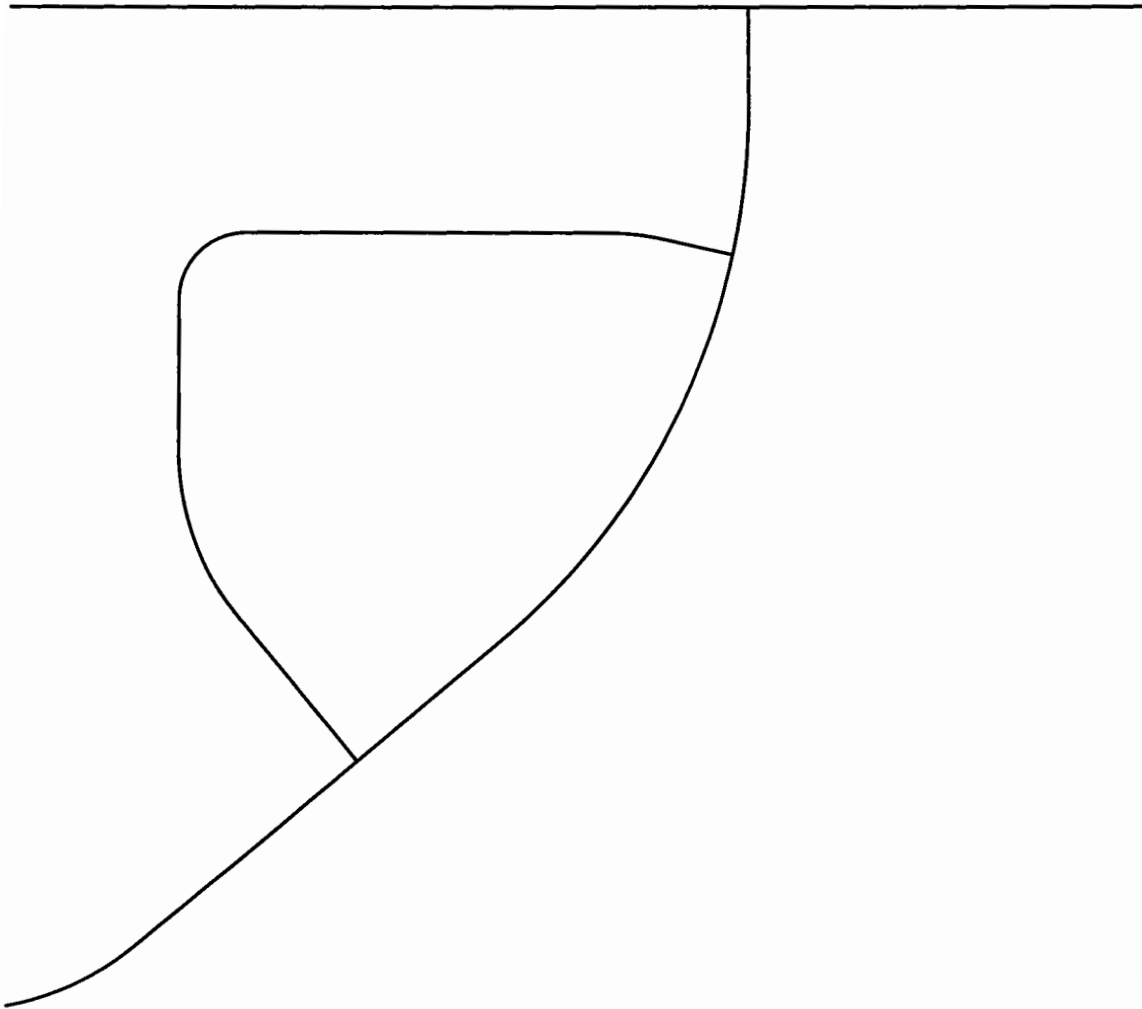
Continuous

Lineweight

.64

COV_Centerlines

Layer 2



Color
Yellow

Linetype
Continuous

Lineweight
.45

COV_Centerline_Labels

Layer 3

HOOK

BOULEVARD

ANN

DRIVE

DRIVE

ROSEMARY

Color

White

Text Style

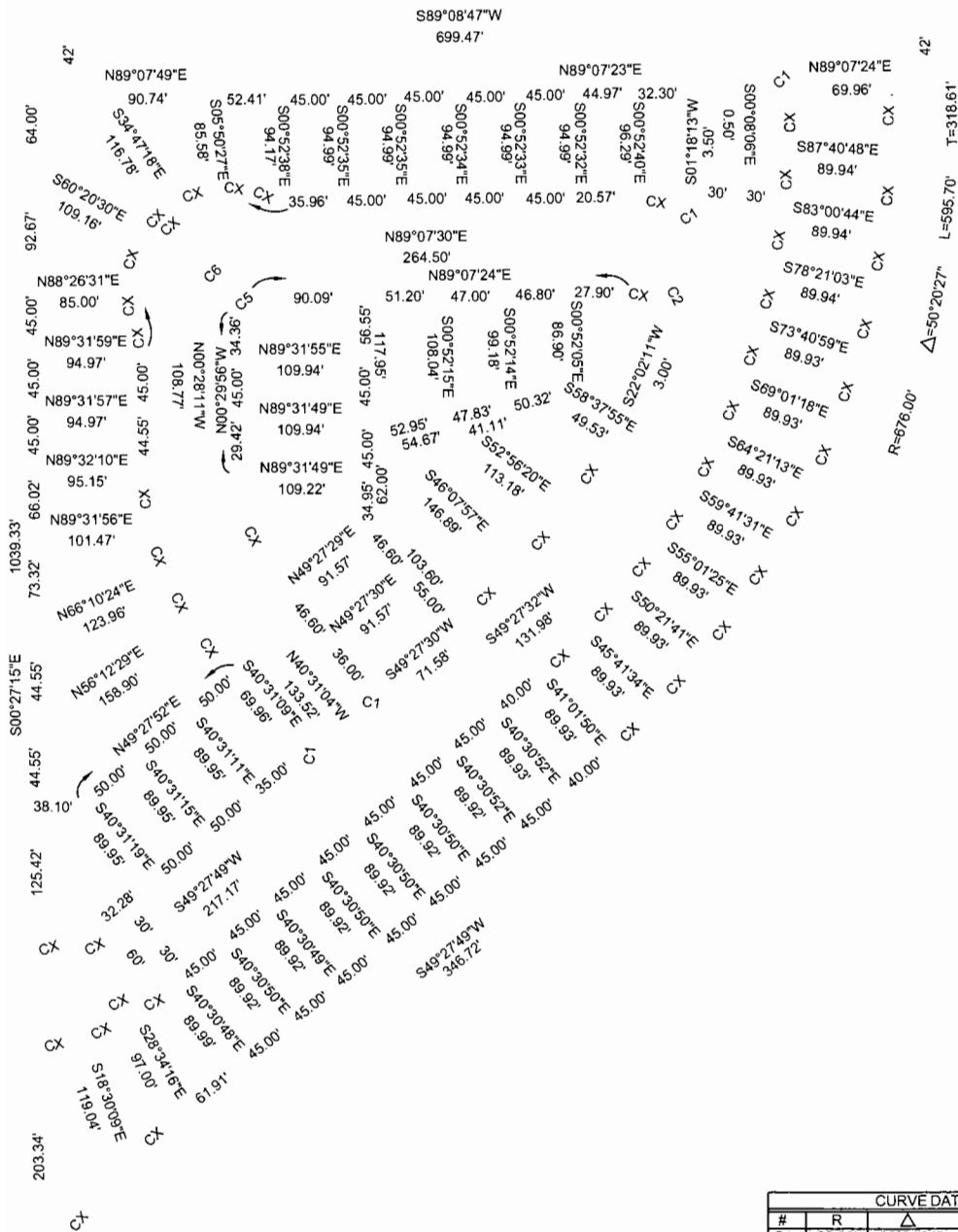
Arial or Simplex

Text Height

.15 x Drawing Scale

COV_DIMENSIONING

Layer4



CURVE DATA				
#	R	Δ	L	T
C1	20.00'	96°04'04"	33.53'	22.24'
C2	20.00'	96°04'05"	33.53'	22.24'
C3	20.00'	90°00'00"	31.42'	20.00'
C4	20.00'	90°00'00"	31.42'	20.00'
C5	20.00'	89°35'45"	31.27'	19.86'
C6	50.00'	89°35'45"	78.19'	49.65'
CX	00.00'	00°00'00"	00.00'	00.00'

Color

Green

Text Style

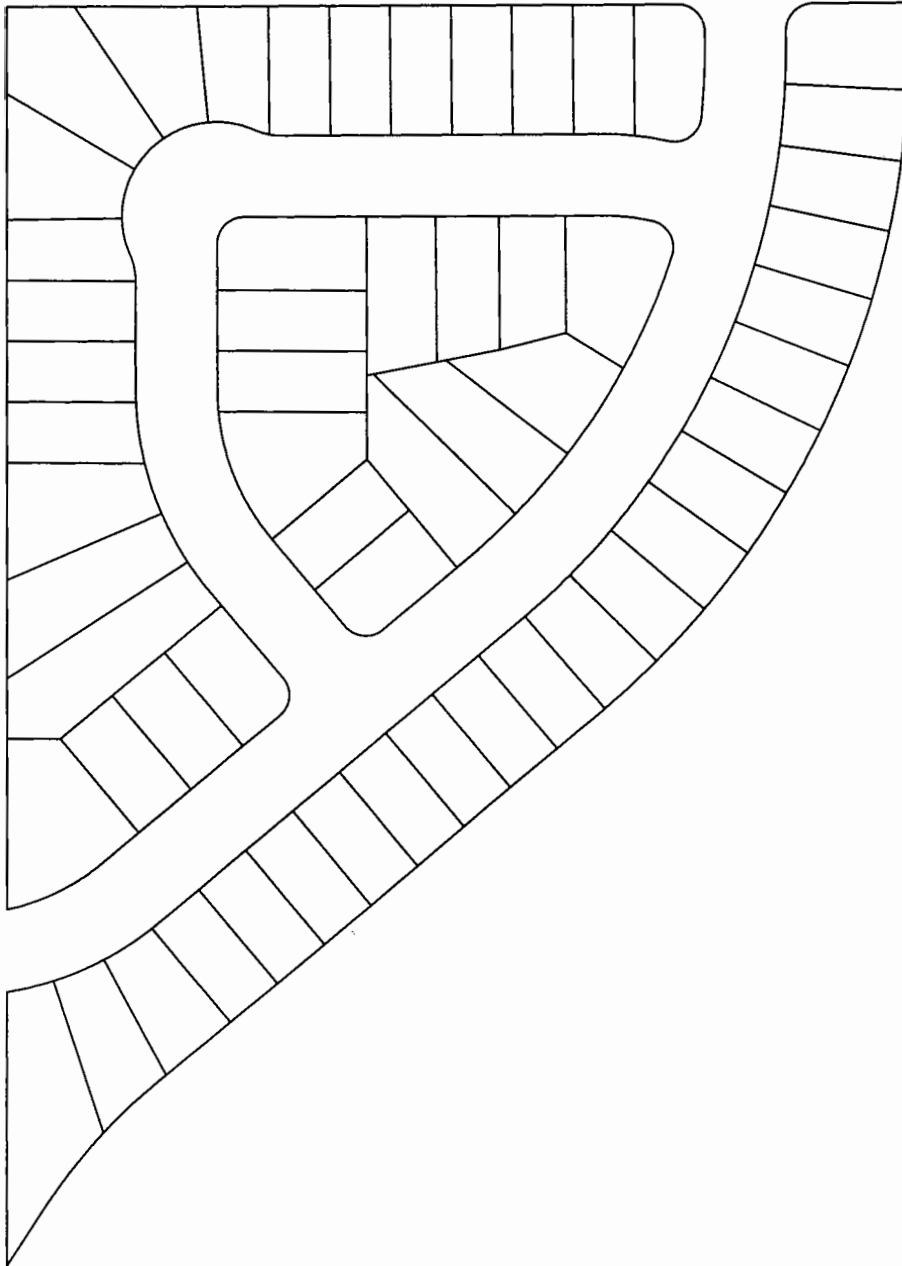
Arial or Simplex

Text Height

.1 x Drawing Scale

COV_Parcels

Layer 5

Color

Cyan

Linetype

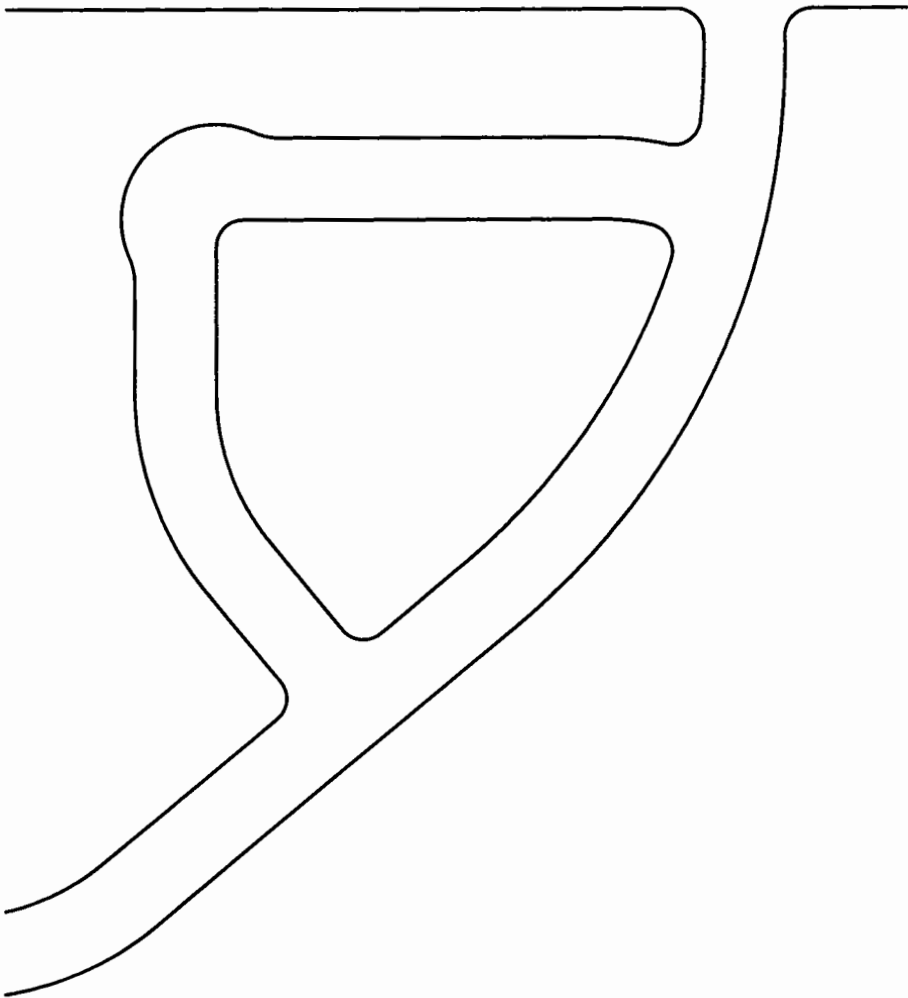
Continuous

Lineweight

.30

COV_Right_Of_Way

Layer 6



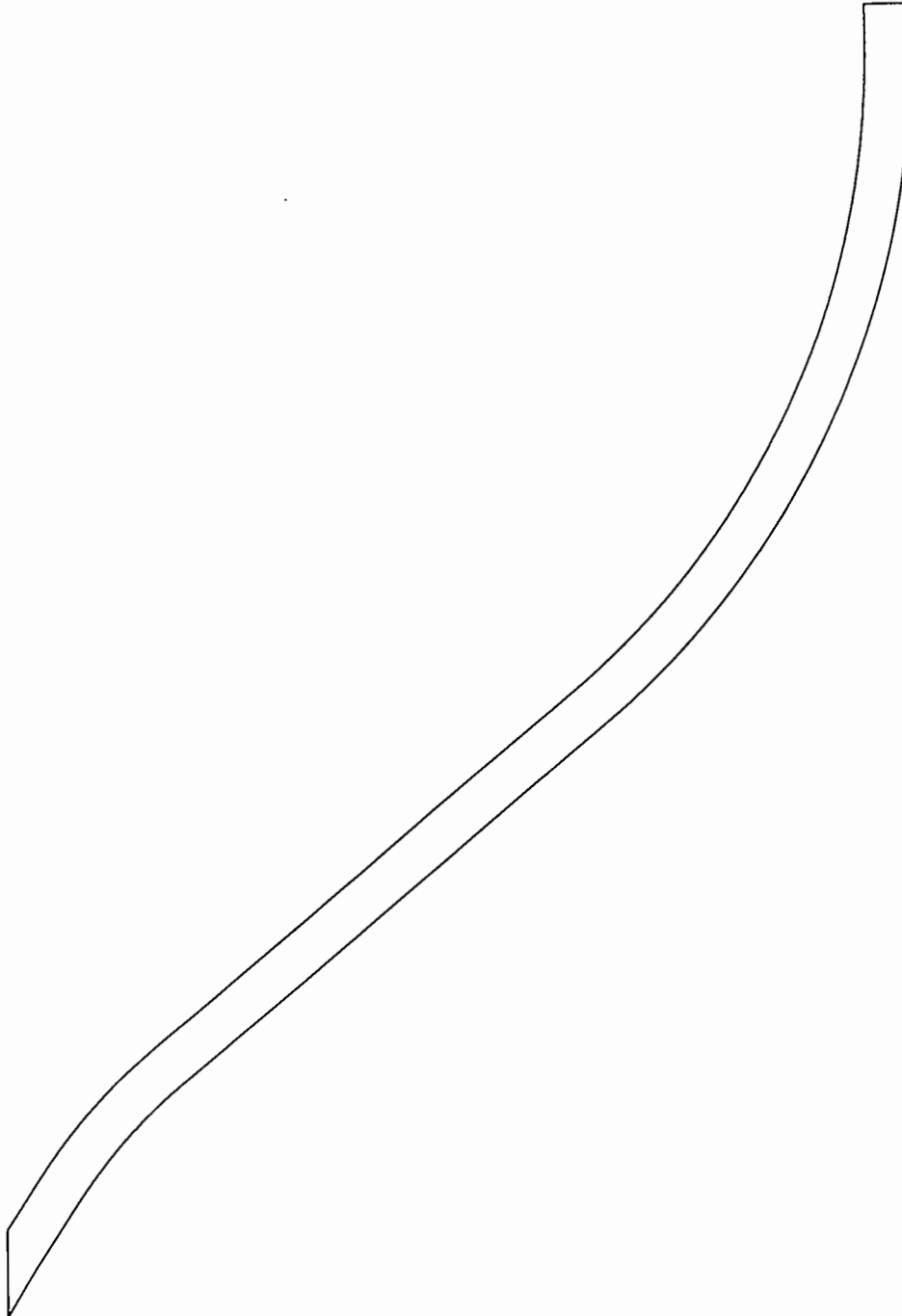
Color
Red

Linetype
Continuous

Lineweight
.45

COV_Easements

Layer 7



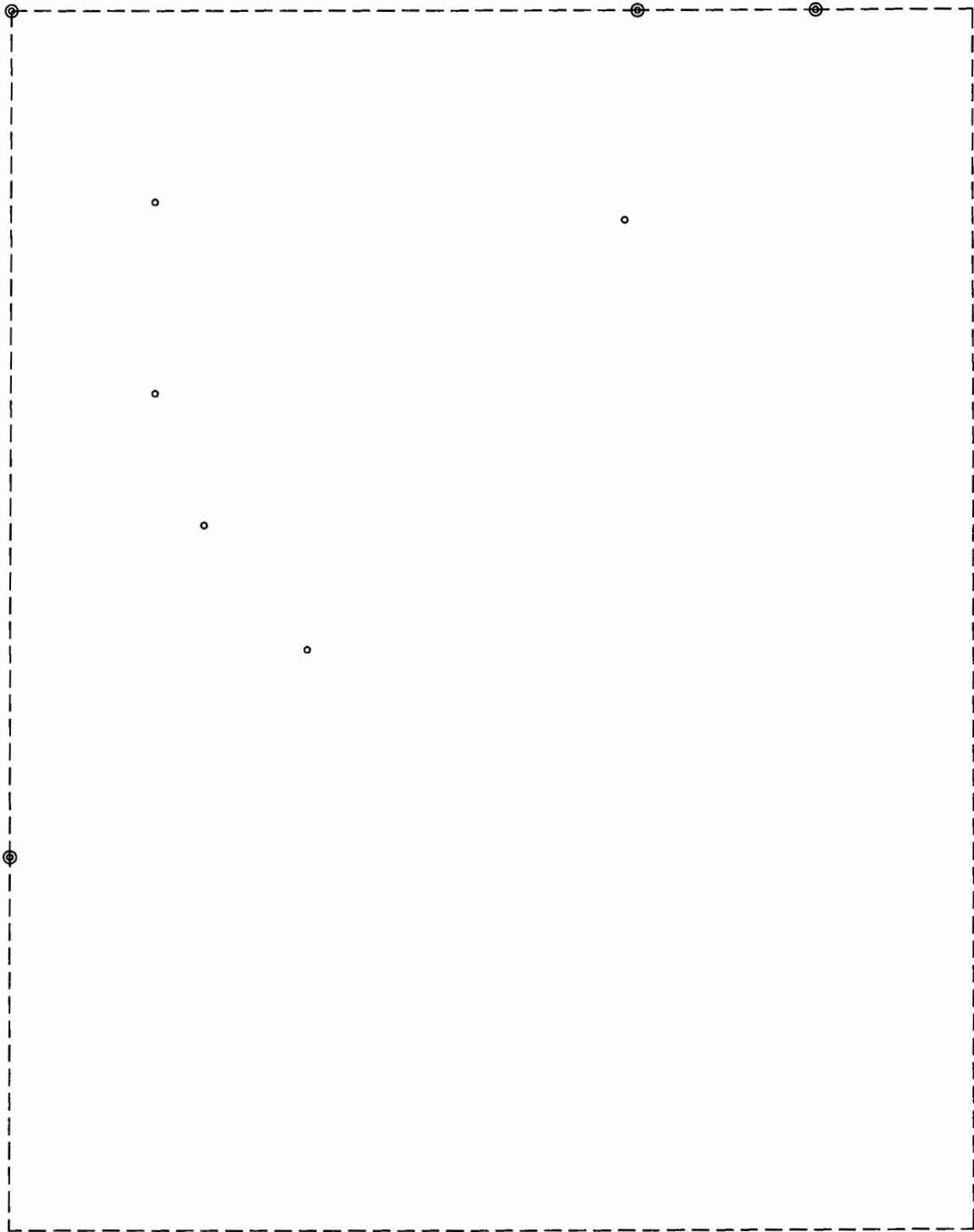
Color
Magenta

Linetype
Continuous

Lineweight
.30

COV_Control

Layer 8



Color

White

Linetype

Dashed

Lineweight

.30

(TIE) GPS 01

ACCESS

1

2

3

1

1

2/3

2.

○ DENOTES SET 1" I.P. WITH BRASS TAG STAMPED "LS 0000"
AT ALL STREET CL INTERSECTIONS, BCs, ECs AND PRCs.
STREET CL SET 1/4" BELOW FINISH SURFACE.

(TIE)

GPS 02

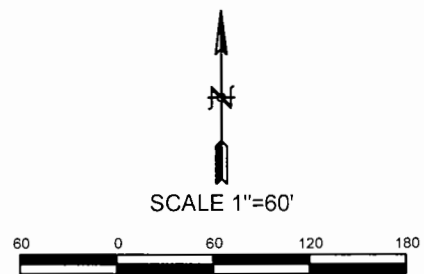
Text Height

.15 x Drawing Scale

COV_North_Arrow_Misc

Layer 10

MISCELLANEOUS
TO INCLUDE ALL OBJECTS,
SYMBOLS AND LAYERS NOT
ASSOCIATED WITH PREVIOUS LAYERS



Color

White

Lineweight

.30