

Sirius Digital Archiving

CAD Conversion

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Sample Guidelines for Quality Control

Please indicate your Conversion Preferences

Standard Parameters and Assumptions Used in Vectorizing a Drawing

- File Naming Convention : _____

- Conversion CAD Package : a) AutoCAD
: b) MicroStation
: c) Other _____

- CAD Format Required : DWG / DXF / IGES / DGN / OTHER

- Plot Scale : a) 1=1
: b) As shown on drawing.

- Origin : 0,0,0 lower left corner

- Units : Inches / Metric / Others

- Digitizing Accuracy Required : 1/32 inches per square of 4 inches
: 1/16 inches for the whole drawing

- Dimensions : a) Maintain dimensions as given.
: b) Do not maintain dimensions.
: c) Digitize as shown on the source.

- Text Sizes : _____

- Text Font File : Txt / Simplex / Roman Simplex / Roman Duplex / Other

- Illegible Text : Text and numbers which cannot be read clearly should be placed
: on a separate layer with a bubble or cloud symbol drawn around
: the text.

- Underlining the Text : a) Use %%U for underlining the text.
: b) Use separate lines.

- Dimension Variable Setting Required : _____
- Line Width shows : a) Standard, do not use polylines, even if the source drawing shows thick lines.
: b) Use polylines with suitable width for thick lines.
: c) Differentiate the thick lines by colors.
- Hatching / Shading : a) No hatching required. Ignore shading on source drawing.
: b) Hatch as shown on source drawing.
- Seal / Stamps : Ignore all seals and stamps.
- Blocks : a) Do not explode the blocks.
: b) Blocks to be exploded.
- Title Block : a) No title block is required. Enclose within a border of 4 lines.
: b) Use title block supplied by customer.
: c) Replicate as shown in the source drawing.
- Layers/Colors

<i>Layer Name</i>	<i>Color</i>	<i>Line type</i>	<i>Description/Entity</i>
CE-TOP	10	Dashed	Ground Topography
CONC	12	Continuous	Structures / Concrete
HIDCONC	12	Dashed	Hidden Structures / Concrete Lines
PIPE	5	Continuous	Piping
HIDPIPE	5	Dashed	Hidden Piping
CEN	2	Center	Object center lines
LETTER	1	Continuous	All text
MOTOR	10	Continuous	Motors & Equipment
MISC	15	Continuous	Miscellaneous items / objects
BUBBLE	7	Continuous	Illegible text / numbers
COMMENT	3	Continuous	Comments on gross mis-matches in object dimensions, if any.
DIM	7	Continuous	All dimensions.

- Additional Comments/Notes. Project-Specific Parameters.