



**US Army Corps
of Engineers®**
Engineer Research and
Development Center

Master Guide Documentation

US ARMY CORPS OF ENGINEERS CIVIL ENGINEERING TEMPLATE FOR CIVIL 3D

Templates based on the 2016 Autodesk Civil 3D® Software

Manual : USACE Civil 3D 2016 Template v3.0
Configuration – PART 2


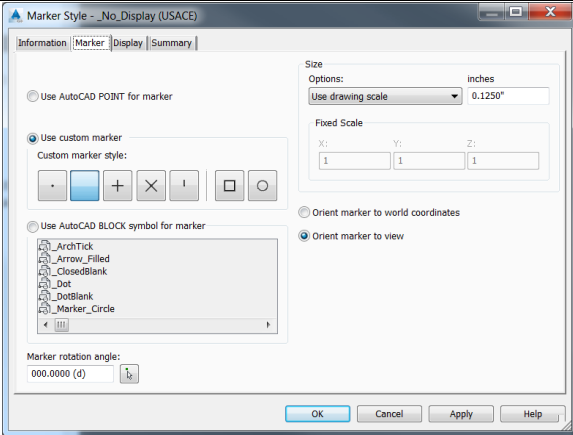
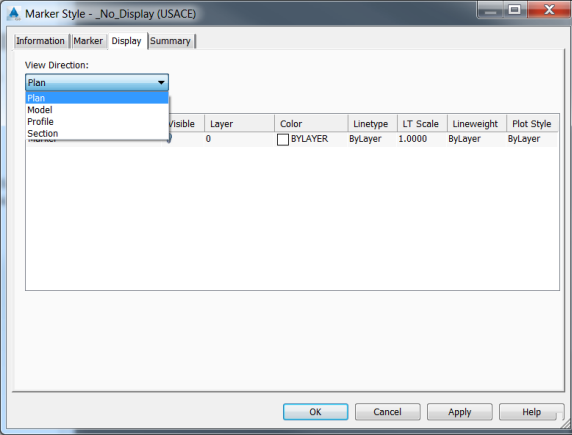

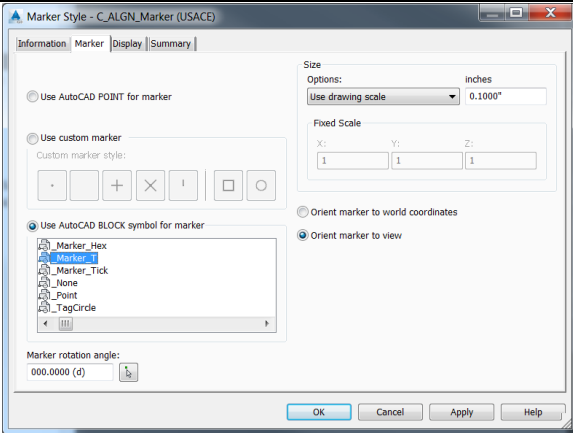
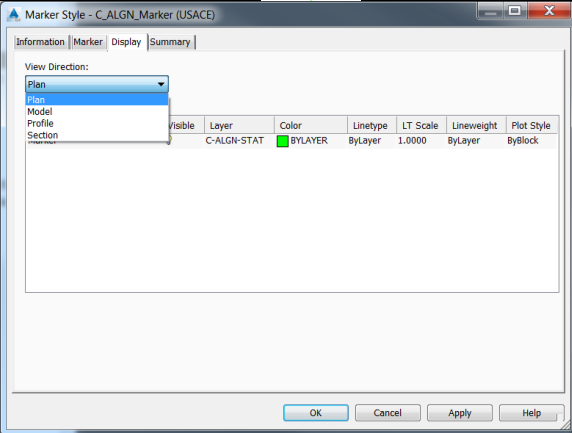

September, 2017

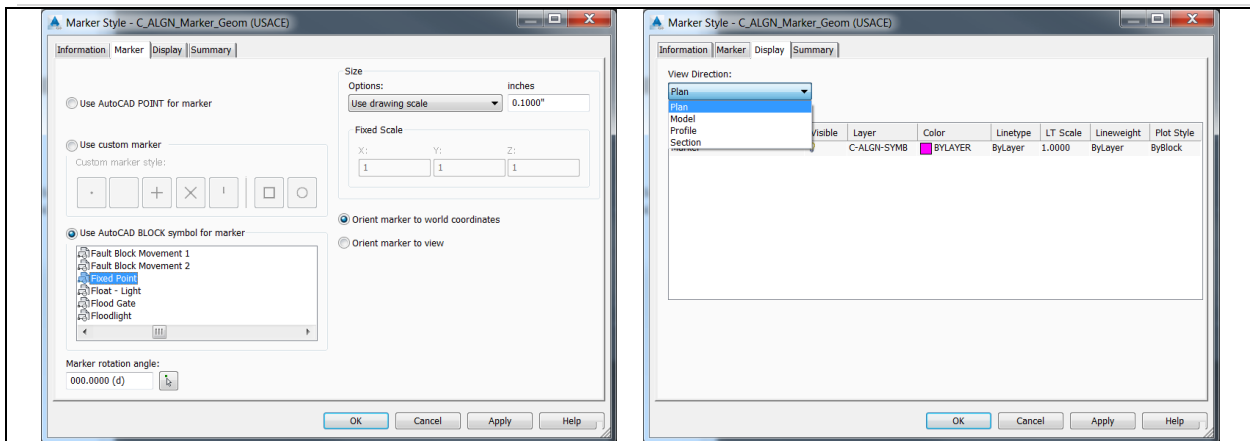
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Special Thanks to contributions made by: Mobile, Sacramento, Fort Worth, New Orleans and Louisville Districts.

Table of Contents

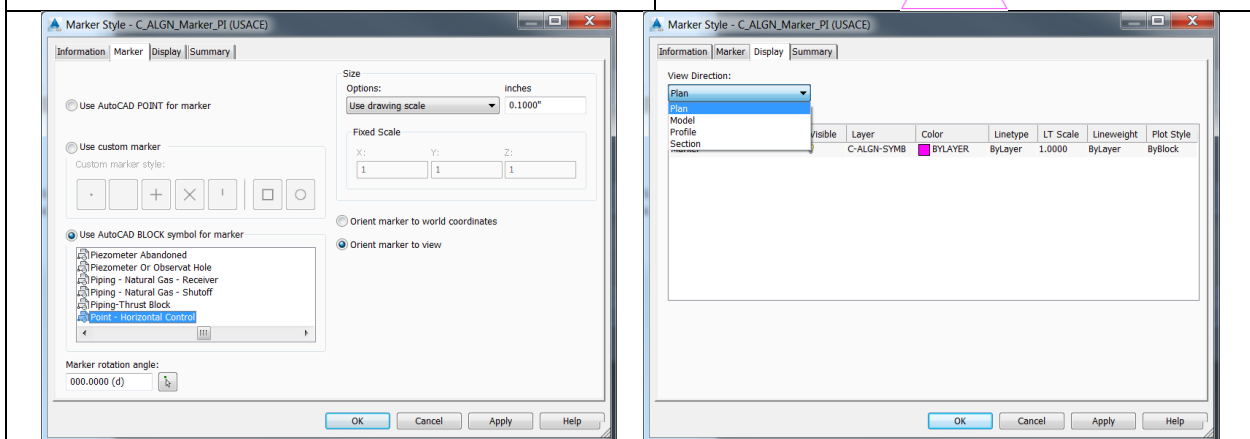
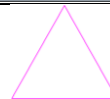
US ARMY CORPS OF ENGINEERS CIVIL ENGINEERING TEMPLATE FOR CIVIL 3D.....	1
1 APPENDIX A: STYLE SAMPLES AND SCREEN SHOTS	3
1.1 GENERAL.....	3
1.2 POINTS	26
1.3 POINT GROUPS.....	150
1.4 POINT CLOUDS	152
1.5 SURFACE	154
1.6 PARCEL	166
1.7 GRADING	172
1.8 ALIGNMENT	174
1.9 PROFILE	201
1.10 PROFILE VIEW	208
1.11 SUPERELEVATION VIEW.....	227
1.12 CANT VIEW.....	227
1.13 SAMPLE LINE.....	228
1.14 SECTION.....	229
1.15 SECTION VIEW.....	231
1.16 MASS HAUL LINE.....	242
1.17 MASS HAUL VIEW.....	242
1.18 CATCHMENT	243
1.19 PIPE NETWORK (GRAVITY)	245
1.20 PIPE (GRAVITY).....	255
1.21 STRUCTURE (GRAVITY)	271
1.22 PRESSURE NETWORK	289
1.23 PRESSURE PIPE	297
1.24 FITTING.....	300
1.25 APPURTENANCE.....	302
1.26 CORRIDOR	304
1.27 INTERSECTION	305
1.28 ASSEMBLY	306
1.29 SUBASSEMBLY	306
1.30 QUANTITY TAKEOFF	307
1.31 SURVEY.....	309
1.32 VIEW FRAME GROUP.....	311
1.33 VIEW FRAME	311
1.34 MATCH LINE	313
1.35 BUILDING SITE.....	314
2 APPENDIX B: POINT STYLES AND BLOCK SETTINGS.....	315
2.1 POINT STYLES - SCALING.....	315
3 APPENDIX C: CHANGE NOTES.....	316

1.1 General

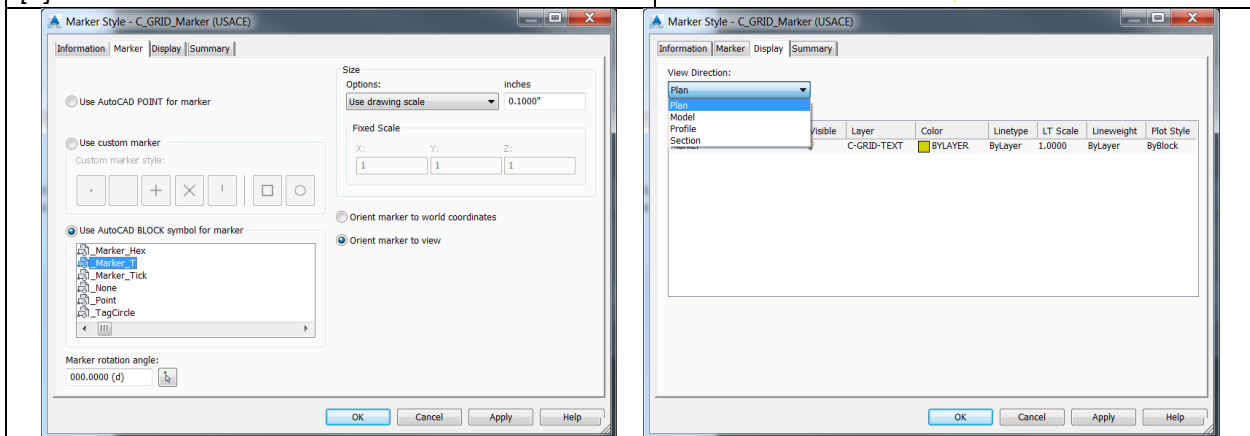
GENERAL	
Multipurpose Styles	
MARKER Styles (11)	
Name: <i>_No_Display (USACE)</i> Description: <i>No Marker - Component OFF in ALL views</i>	
	
Name: <i>C_ALGN_Marker (USACE)</i> Description: <i>Used for Station Offset [+]</i>	
	
Name: <i>C_ALGN_Marker_Geom (USACE)</i> Description: <i>Proposed Geometry Points [O]</i>	



Name: C_ALGN_Marker_PI (USACE)
Description: Proposed Point of Intersection [Δ]

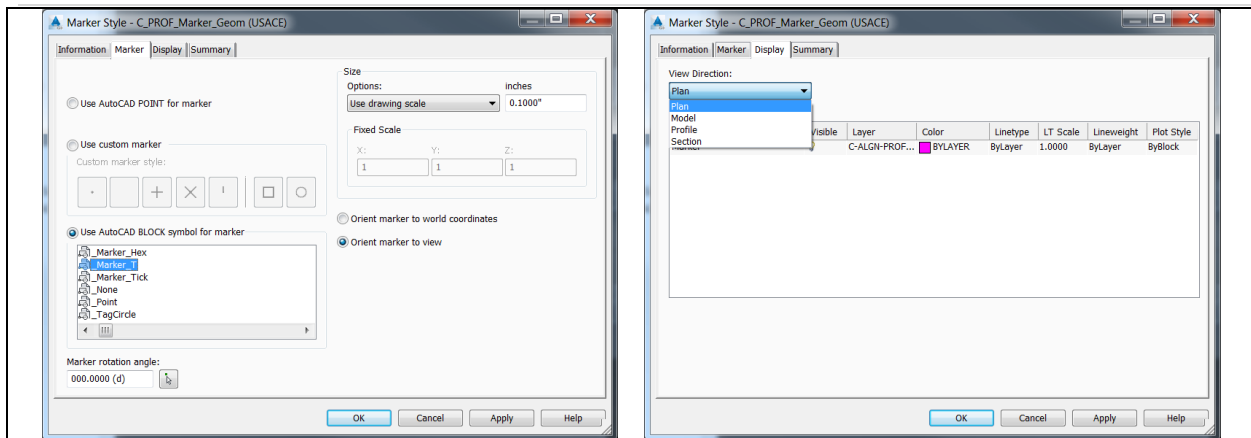


Name: C_GRID_Marker (USACE)
Description: Used in Grids along with Annotations [+]

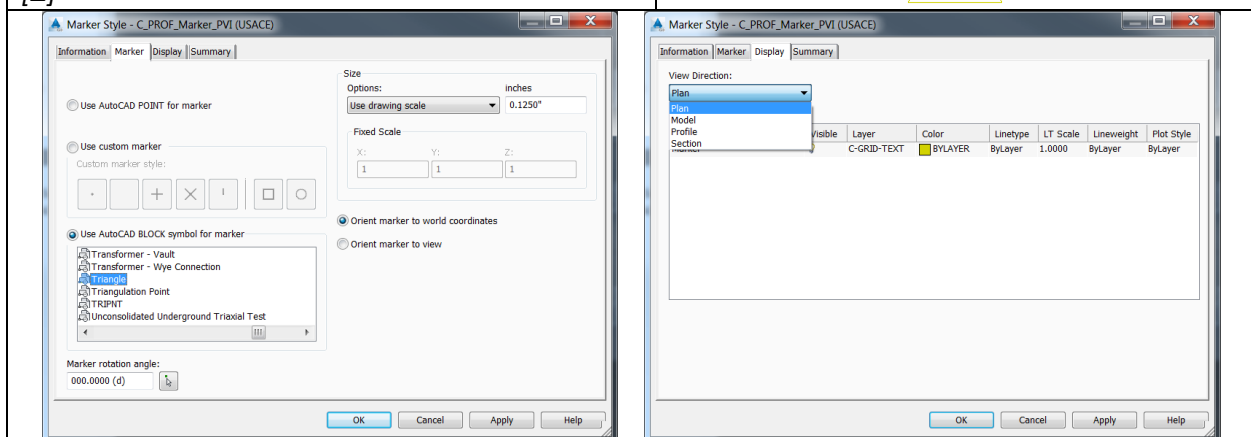


Name: C_PROF_Marker_Geom (USACE)
Description: Proposed Geometry Points [O]

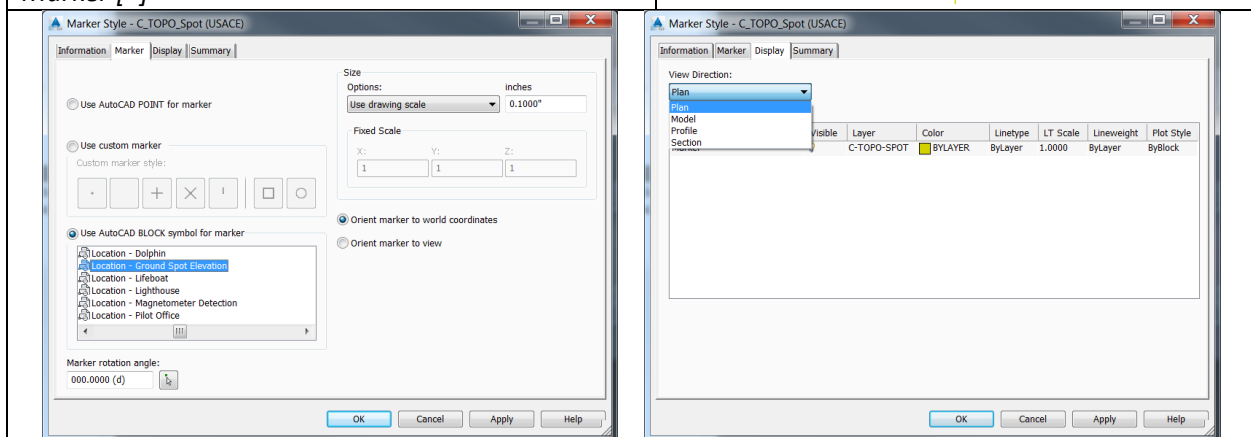




Name: C_PROF_Marker_PVI (USACE)
Description: Proposed Point of Vertical Intersection [Δ]

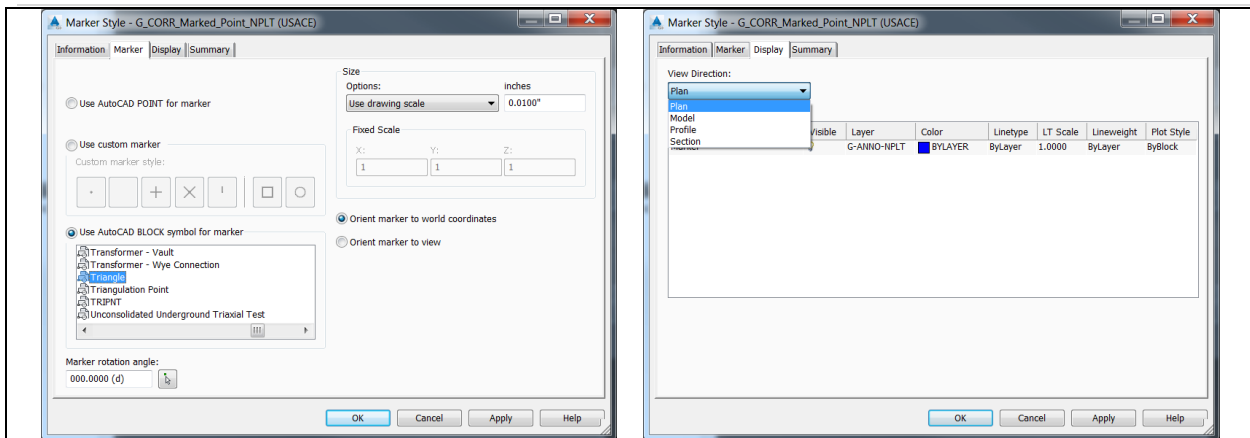


Name: C_TOPO_Spot (USACE)
Description: Proposed Ground Spot Elevation Marker [+]

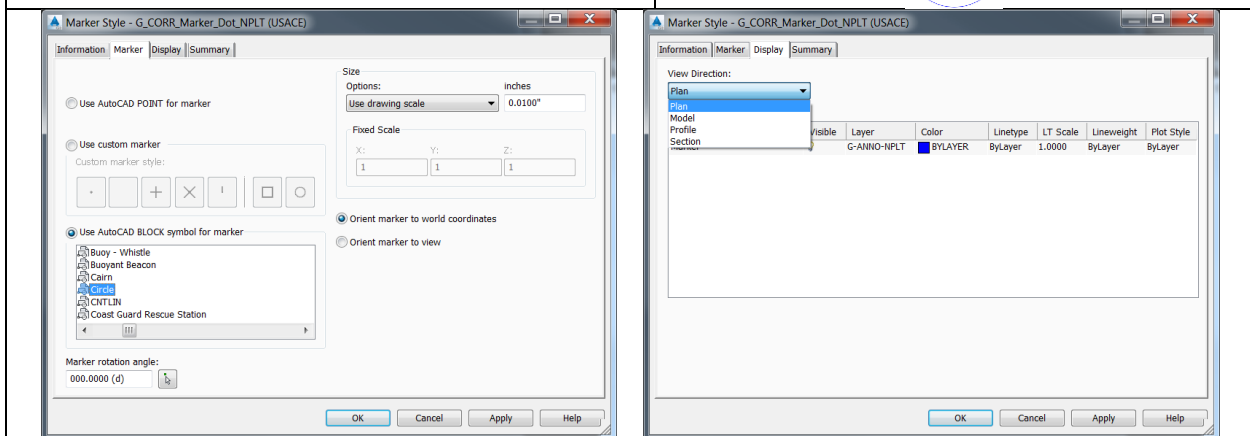
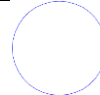


Name: G_CORR_Marked_Point_NPLT (USACE)
Description: Turned OFF in Section View [O]

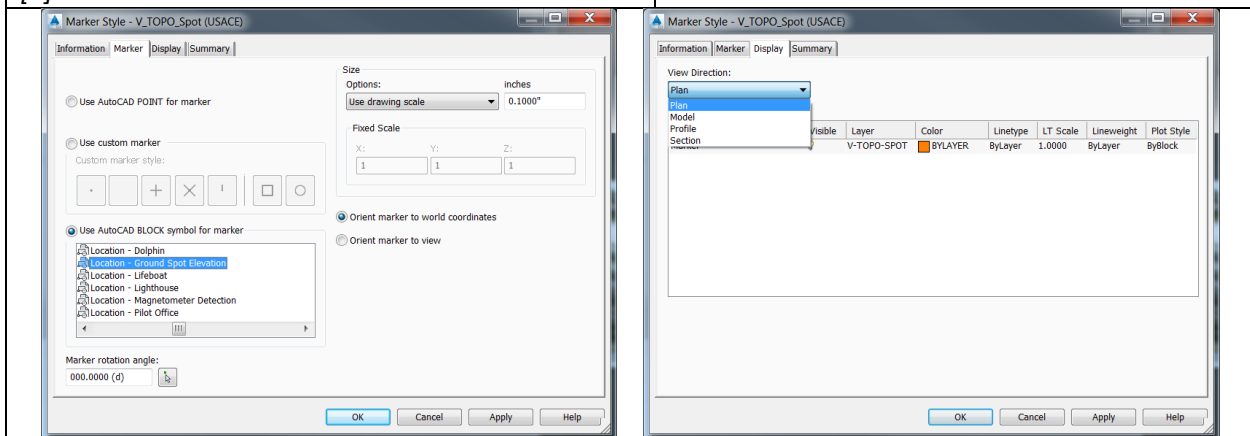




Name: G_CORR_Marker_Dot_NPLT (USACE)
Description: Turned OFF in Section View [Δ]

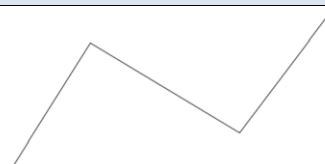


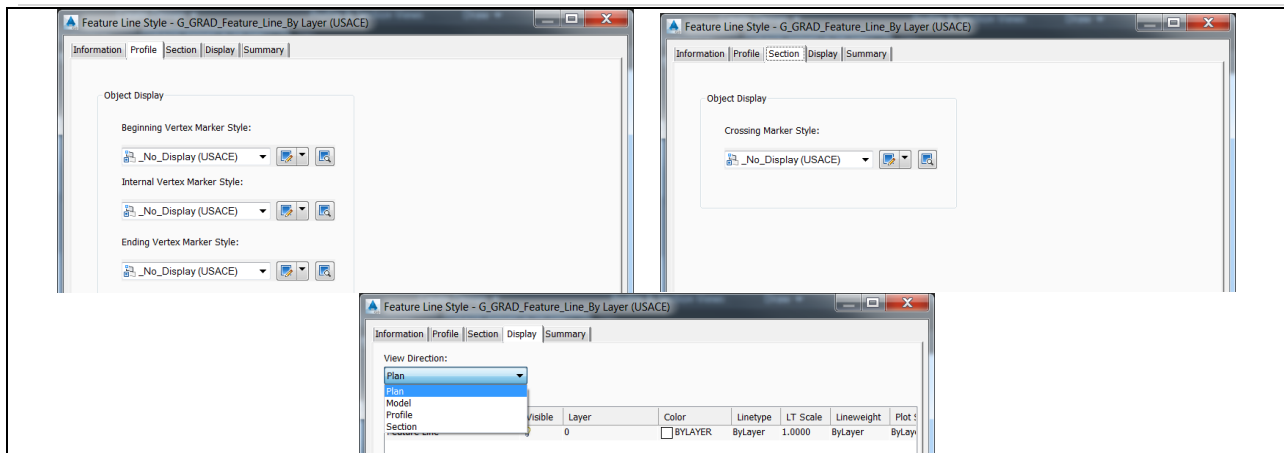
Name: V_TOPO_Spot (USACE)
Description: Existing Ground Spot Elevation Marker
 [+]



FEATURE LINE Styles (2)

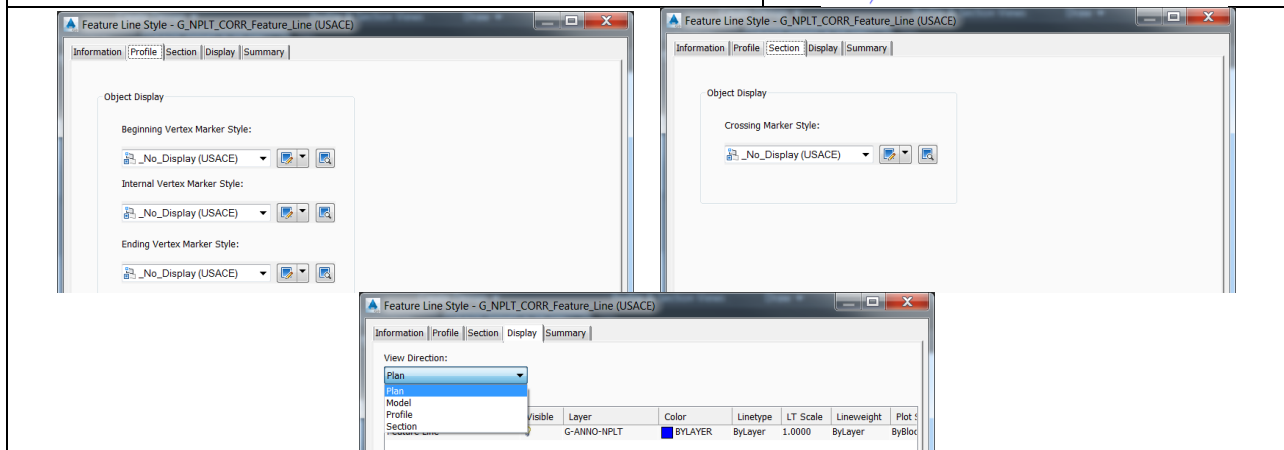
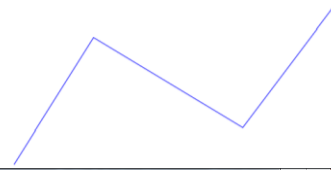
Name: G_GRAD_Feature_Line_By Layer (USACE)
Description: Object will take on the Properties of the Host Layer.





Name: *G_NPLT_CORR_Feature_Line (USACE)*

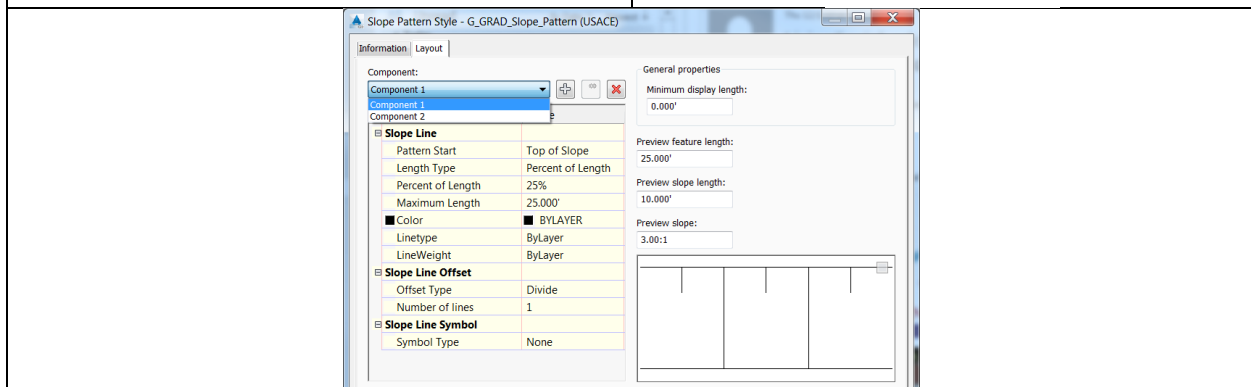
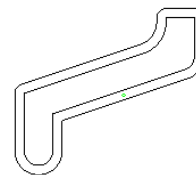
Description: *Linework connecting Corridor Points - NO PLOT*



SLOPE PATTERN Styles (1)

Name: *G_GRAD_Slope_Pattern (USACE)*

Description: *Projection Slope Pattern*



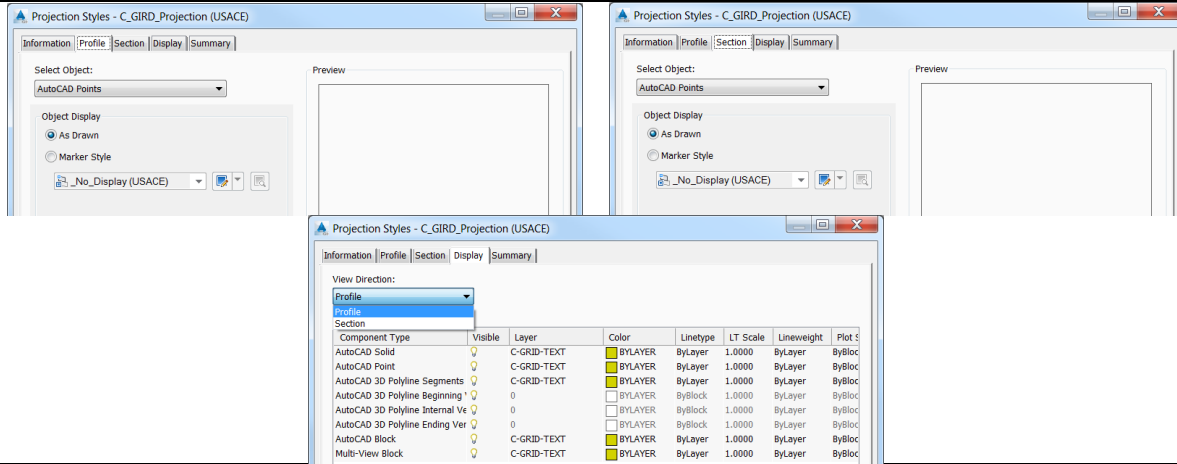
Slope Pattern Style is applied to Grading Object via check box in settings

PROJECTION Styles (1)

Name: *C_GIRD_Projection (USACE)*

[Projected object will look as seen in Plan view]

Description: Object Display - As Drawn

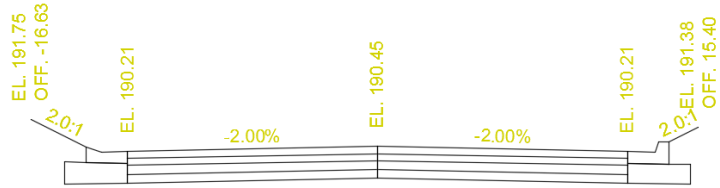


CODE SET Styles (3)

Name: C_CORR_Proposed (USACE)

Description: Proposed

NO Fill Pattern



Name	Description	Style	Label Style	Render Material	Material Area Fill Sty.	Feature Line Style	Pay Item
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Barrier		C_CORR_Proposed (USACE)	<none>	<none>	<none>	<none>	<none>
BaseCourse1		C_CORR_Proposed (USACE)	<none>	<none>	<none>	<none>	<none>
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Chann		C_CORR_Proposed (USACE)	<none>	<none>	<none>	<none>	<none>
Chann		C_CORR_Proposed (USACE)	<none>	<none>	<none>	<none>	<none>
Curb2		C_CORR_Proposed (USACE)	<none>	<none>	<none>	<none>	<none>
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Daylig		<none>	C_ROAD_CORR_Slope (USACE)	<none>	<none>	<none>	<none>
Ditch		<none>	<none>	<none>	<none>	<none>	<none>
Drain_Bottom		C_CORR_Proposed (USACE)	<none>	<none>	<none>	<none>	<none>
Drain_Top		C_CORR_Proposed (USACE)	<none>	<none>	<none>	<none>	<none>
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Median		C_CORR_Proposed (USACE)	<none>	<none>	<none>	<none>	<none>
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NOSHOW		No Display (USACE)	<none>	<none>	<none>	<none>	<none>
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Sod		C_CORR_Proposed (USACE)	<none>	<none>	<none>	<none>	<none>
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Top		C_CORR_Proposed (USACE)	<none>	<none>	<none>	<none>	<none>
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DT2		G_CORR_Marker_Dot_NPLT (USACE)	<none>	<none>	<none>	G_GRAD_Feature_Line_By Layer (USACE)	<none>
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Ditch_Lid_Face		G_CORR_Marker_Dot_NPLT (USACE)	<none>	<none>	<none>	G_GRAD_Feature_Line_By Layer (USACE)	<none>
Drain_Bottom		G_CORR_Marker_Dot_NPLT (USACE)	<none>	<none>	<none>	G_GRAD_Feature_Line_By Layer (USACE)	<none>
Drain_Bottom_Inside		G_CORR_Marker_Dot_NPLT (USACE)	<none>	<none>	<none>	G_GRAD_Feature_Line_By Layer (USACE)	<none>
Drain_Bottom_Outside		G_CORR_Marker_Dot_NPLT (USACE)	<none>	<none>	<none>	G_GRAD_Feature_Line_By Layer (USACE)	<none>
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Drain_Top_Outside		G_CORR_Marker_Dot_NPLT (USACE)	<none>	<none>	<none>	G_GRAD_Feature_Line_By Layer (USACE)	<none>
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Hinge		G_CORR_Marker_Dot_NPLT (USACE)	<none>	<none>	<none>	G_GRAD_Feature_Line_By Layer (USACE)	<none>
I-MDT		G_CORR_Marker_Dot_NPLT (USACE)	<none>	<none>	<none>	G_GRAD_Feature_Line_By Layer (USACE)	<none>
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Lane1-2	G_CORR_Marker_Dot_NPLT (USACE)	<none>			G_GRAD_Feature_Line_By Layer (USACE)	<none>
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RW_Outside	G_CORR_Marker_Dot_NPLT (USACE)	<none>			G_GRAD_Feature_Line_By Layer (USACE)	<none>
RW_Top	G_CORR_Marker_Dot_NPLT (USACE)	<none>			G_GRAD_Feature_Line_By Layer (USACE)	<none>
RWall_B1	G_CORR_Marker_Dot_NPLT (USACE)	<none>			G_GRAD_Feature_Line_By Layer (USACE)	<none>
RWall_B2	G_CORR_Marker_Dot_NPLT (USACE)	<none>			G_GRAD_Feature_Line_By Layer (USACE)	<none>
RWall_B3	G_CORR_Marker_Dot_NPLT (USACE)	<none>			G_GRAD_Feature_Line_By Layer (USACE)	<none>
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RWall_K2	G_CORR_Marker_Dot_NPLT (USACE)	<none>			G_GRAD_Feature_Line_By Layer (USACE)	<none>
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SH-1	G_CORR_Marker_Dot_NPLT (USACE)	<none>			G_GRAD_Feature_Line_By Layer (USACE)	<none>
SH-2	G_CORR_Marker_Dot_NPLT (USACE)	<none>			G_GRAD_Feature_Line_By Layer (USACE)	<none>
SH-3	G_CORR_Marker_Dot_NPLT (USACE)	<none>			G_GRAD_Feature_Line_By Layer (USACE)	<none>
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Shape						
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Barrier	No_Shade_No_Fill (USACE)	<none>				
BaseCourse1	No_Shade_No_Fill (USACE)	<none>				
BaseCourse2	No_Shade_No_Fill (USACE)	<none>				
Curb2	No_Shade_No_Fill (USACE)	<none>				
Ditch	No_Shade_No_Fill (USACE)	<none>				
Drain_Area	No_Shade_No_Fill (USACE)	<none>				
Drain_Structure	No_Shade_No_Fill (USACE)	<none>				
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IntermediateCourse2	No_Shade_No_Fill (USACE)	<none>				
LevelingCourse	No_Shade_No_Fill (USACE)	<none>				
Lid	No_Shade_No_Fill (USACE)	<none>				
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RWall	No_Shade_No_Fill (USACE)	<none>				
Sidewalk	No_Shade_No_Fill (USACE)	<none>				
SurfaceCourse	No_Shade_No_Fill (USACE)	<none>				

Name: G_CORR_Simple (USACE)

Description: View Edit Sections & Corridor - uses

smaller text sizes

No Fill Pattern



Code Set Style - G_CORR_Simple (USACE)							
Information Codes							
Name	Description	Style	Label Style	Render Material	Material Area Fill Sty...	Feature Line Style	Pay Item
Link							
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<no codes>	C_CORR_Proposed (USACE)	<none>	<none>	<none>	<none>	<none>	<none>
BKSLP	C_CORR_Proposed (USACE)	C_Slope [small] (USACE)	<none>	<none>	<none>	<none>	<none>
Daylight	C_CORR_Proposed (USACE)	C_Slope [small] (USACE)	<none>	<none>	<none>	<none>	<none>
FSLP	C_CORR_Proposed (USACE)	C_Slope [small] (USACE)	<none>	<none>	<none>	<none>	<none>
HIDE	No Display (USACE)	<none>	<none>	<none>	<none>	<none>	<none>
NO-SHOW	No Display (USACE)	<none>	<none>	<none>	<none>	<none>	<none>
NOSHOW	No Display (USACE)	<none>	<none>	<none>	<none>	<none>	<none>
SurfaceCourseTop	C_CORR_Proposed (USACE)	C_Grade [small] (USACE)	<none>	<none>	<none>	<none>	<none>
Point							
<default>	G_CORR_Marker_Dot_NPLT (USACE)	<none>	<none>	<none>	<none>	G_NPLT_CORR_Feature_Line (USACE)	<none>
<no codes>	G_CORR_Marker_Dot_NPLT (USACE)	<none>	<none>	<none>	<none>	G_NPLT_CORR_Feature_Line (USACE)	<none>
BKSLP	G_CORR_Marker_Dot_NPLT (USACE)	C_Elev_and_Offset [small] (USACE)	<none>	<none>	<none>	G_NPLT_CORR_Feature_Line (USACE)	<none>
CTB	G_CORR_Marker_Dot_NPLT (USACE)	C_Elev_Only [small] (USACE)	<none>	<none>	<none>	G_NPLT_CORR_Feature_Line (USACE)	<none>
Daylight	G_CORR_Marker_Dot_NPLT (USACE)	C_Elev_and_Offset [small] (USACE)	<none>	<none>	<none>	G_NPLT_CORR_Feature_Line (USACE)	<none>
FSLP	G_CORR_Marker_Dot_NPLT (USACE)	C_Elev_and_Offset [small] (USACE)	<none>	<none>	<none>	G_NPLT_CORR_Feature_Line (USACE)	<none>
Lane1	G_CORR_Marker_Dot_NPLT (USACE)	C_Elev_Only [small] (USACE)	<none>	<none>	<none>	G_NPLT_CORR_Feature_Line (USACE)	<none>
MarkedPoint	G_CORR_Marker_Dot_NPLT (USACE)	<none>	<none>	<none>	<none>	G_NPLT_CORR_Feature_Line (USACE)	<none>
PGL	G_CORR_Marker_Dot_NPLT (USACE)	C_Elev_Only [small] (USACE)	<none>	<none>	<none>	G_NPLT_CORR_Feature_Line (USACE)	<none>
Shape							
<default>	No_Shade_No_Fill (USACE)	<none>	<none>	<none>	<none>	<none>	<none>
<no codes>	No_Shade_No_Fill (USACE)	<none>	<none>	<none>	<none>	<none>	<none>

Name: V_CORR_Existing (USACE)

Description: Existing

NO Fill Pattern

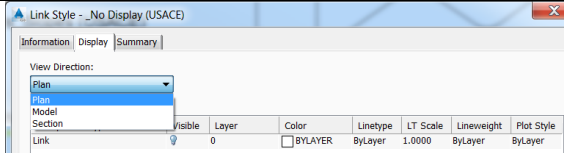


Code Set Style - V_CORR_Existing (USACE)							
Information Codes							
Name	Description	Style	Label Style	Render Material	Material Area Fill Sty...	Feature Line Style	Pay Item
Link							
<default>		V_CORR_Existing (USACE)	<none>	<none>	<none>	<none>	<none>
<no codes>		V_CORR_Existing (USACE)	<none>	<none>	<none>	<none>	<none>
BKSLP		V_CORR_Existing (USACE)	C_Slope [small] (USACE)	<none>	<none>	<none>	<none>
Daylight		V_CORR_Existing (USACE)	C_Slope [small] (USACE)	<none>	<none>	<none>	<none>
FSLP		V_CORR_Existing (USACE)	C_Slope [small] (USACE)	<none>	<none>	<none>	<none>
HIDE		_No Display (USACE)	<none>	<none>	<none>	<none>	<none>
NO-SHOW		_No Display (USACE)	<none>	<none>	<none>	<none>	<none>
NOSHOW		_No Display (USACE)	<none>	<none>	<none>	<none>	<none>
SurfaceCourseTop		V_CORR_Existing (USACE)	C_Grade [small] (USACE)	<none>	<none>	<none>	<none>
Point							
<default>		G_CORR_Marker_Dot_NPLT (USACE)	<none>			G_NPLT_CORR_Feature_Line (USACE)	<none>
<no codes>		G_CORR_Marker_Dot_NPLT (USACE)	<none>			G_NPLT_CORR_Feature_Line (USACE)	<none>
BKSLP		G_CORR_Marker_Dot_NPLT (USACE)	C_Elev_and_Offset [small] (USACE)			G_NPLT_CORR_Feature_Line (USACE)	<none>
CTB		G_CORR_Marker_Dot_NPLT (USACE)	C_Elev_Only [small] (USACE)			G_NPLT_CORR_Feature_Line (USACE)	<none>
Daylight		G_CORR_Marker_Dot_NPLT (USACE)	C_Elev_and_Offset [small] (USACE)			G_NPLT_CORR_Feature_Line (USACE)	<none>
FSLP		G_CORR_Marker_Dot_NPLT (USACE)	C_Elev_Only [small] (USACE)			G_NPLT_CORR_Feature_Line (USACE)	<none>
Lane1		G_CORR_Marker_Dot_NPLT (USACE)	C_Elev_Only [small] (USACE)			G_NPLT_CORR_Feature_Line (USACE)	<none>
MarkedPoint		G_CORR_Marker_Dot_NPLT (USACE)	<none>			G_NPLT_CORR_Feature_Line (USACE)	<none>
PGL		G_CORR_Marker_Dot_NPLT (USACE)	C_Elev_Only [small] (USACE)			G_NPLT_CORR_Feature_Line (USACE)	<none>
Shape							
<default>		_No Shade_No Fill (USACE)	<none>				
<no codes>		_No Shade_No Fill (USACE)	<none>				

LINK Styles (3)

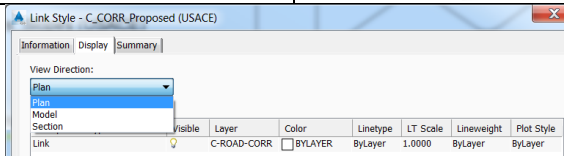
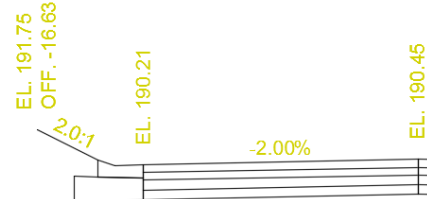
Name: _No Display (USACE)

Description: Component Turned Off in ALL Views



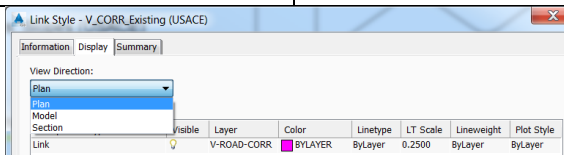
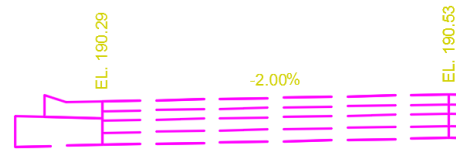
Name: C_CORR_Proposed (USACE)

Description: Proposed Corridor Link



Name: V_CORR_Existing (USACE)

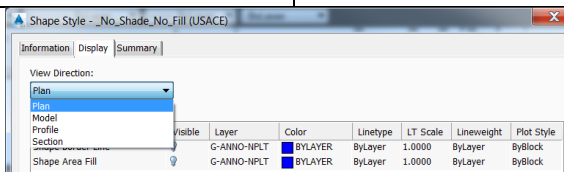
Description: Existing Corridor Link



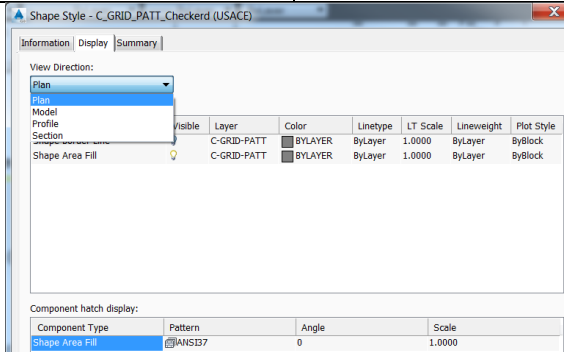
SHAPE Styles (10)

Name: _No Shade_No Fill (USACE)

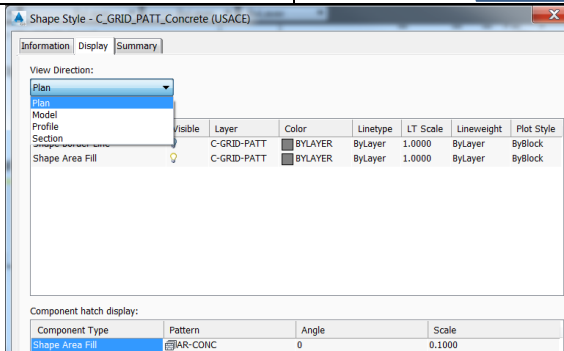
Description: ALL Components OFF



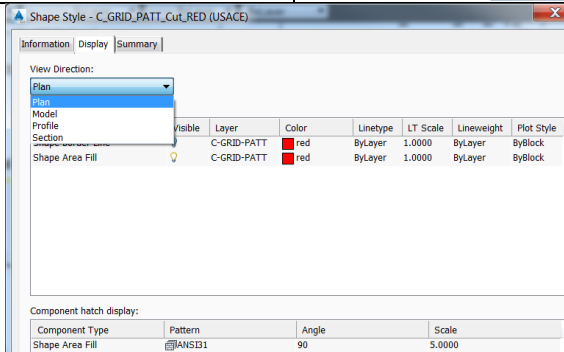
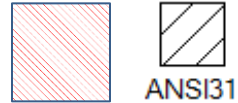
Name: C_GRID_PATT_Checkerd (USACE)
Description: ANSI37 - NO Outline



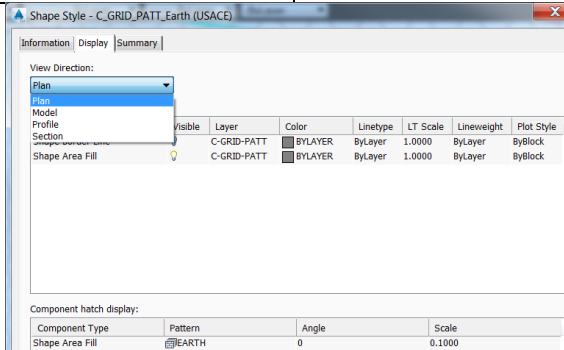
Name: C_GRID_PATT_Concrete (USACE)
Description: AR-CONC - NO Outline



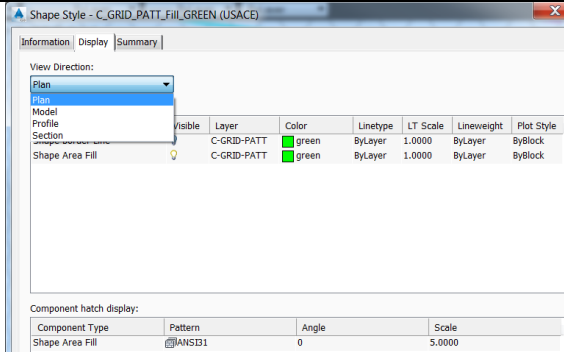
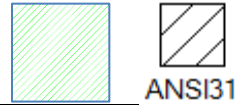
Name: C_GRID_PATT_Cut_RED (USACE)
Description: Hardcoded to RED - NO Outline



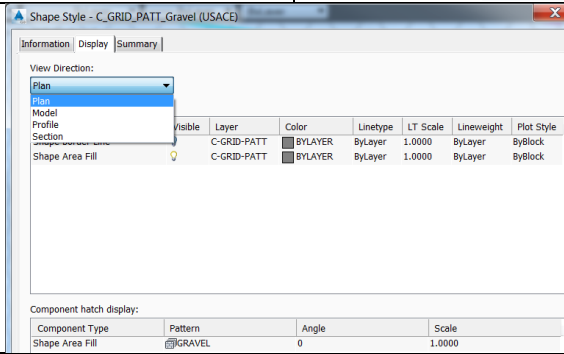
Name: C_GRID_PATT_Earth (USACE)
Description: AR-CONC - NO Outline



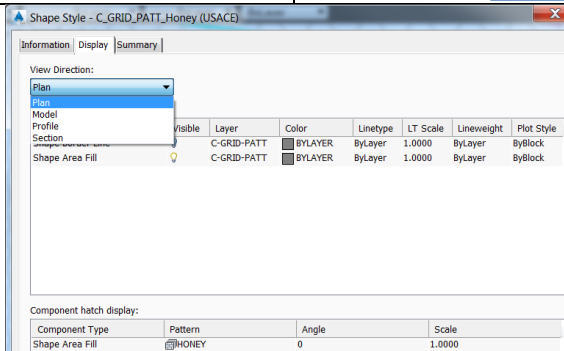
Name: C_GRID_PATT_Fill_GREEN (USACE)
Description: Hardcoded to GREEN - NO Outline



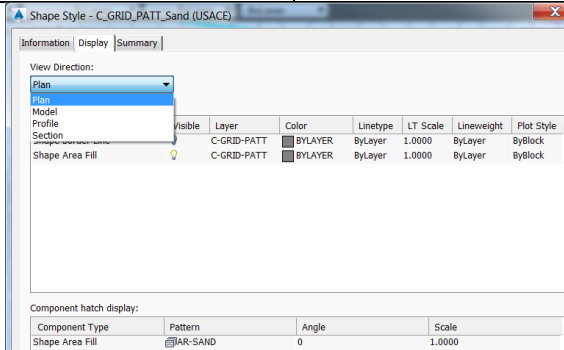
Name: C_GRID_PATT_Gravel (USA)
Description: GRAVEL - NO Outline



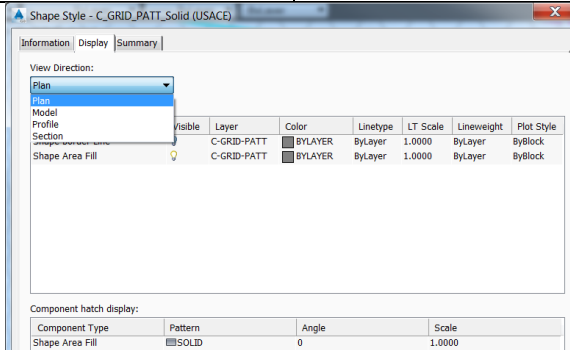
Name: C_GRID_PATT_Honey (USACE)
Description: HONEY - NO Outline



Name: C_GRID_PATT_Sand (USACE)
Description: AR-SAND - NO Outline



Name: XXX
Description: XXX

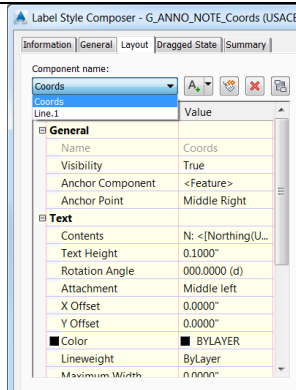
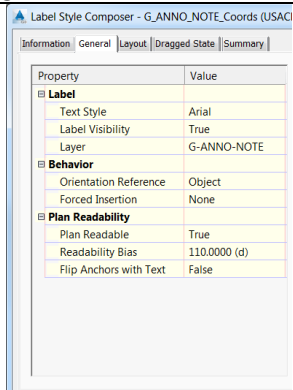


Label Styles

NOTE (#)

Name: G_ANNO_NOTE_Coords (USACE)
Description: General Note:
 with Northing over Easting

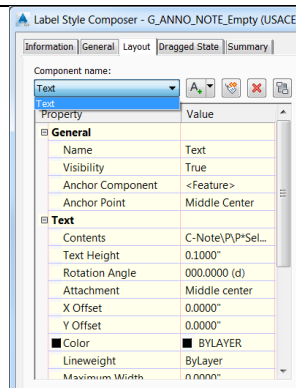
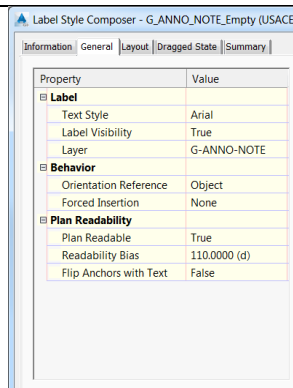
N: 25.8605
 E: 19.7215



Name: G_ANNO_NOTE_Empty (USACE)
Description: General Note:
 Empty Note, User to Add in needed Text

C-Note

Select > Use Edit Label Text



LINE Label Styles (9)

Name: C_PROP_Brng_over_Dist (USACE)

Description: Proposed
Bearing / Distance

S36° 41' 59.58"E
45.05'

Label Style Composer - C_PROP_Brng_over_Dist (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Display Mode	Label
Layer	C-PROP-BRNG
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_PROP_Brng_over_Dist (USACE)

Information | General | Layout | Dragged State | Summary

Component name: Table Tag

Table Tag

Direction Arrow

Bearing

Distance

Visibility	True
Used in	Tag Mode
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	L:([Label Tag Nu...
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Bottom center
X Offset	0.0000"
Y Offset	0.0250"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False

Name: C_Brng_Only (USACE)

Description: CHILD
Bearing Only

S36° 41' 59.58"E

Label Style Composer - C_Brng_Only (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Display Mode	Label
Layer	C-PROP-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_Brng_Only (USACE)

Information | General | Layout | Dragged State | Summary

Component name: Table Tag

Table Tag

Direction Arrow

Bearing

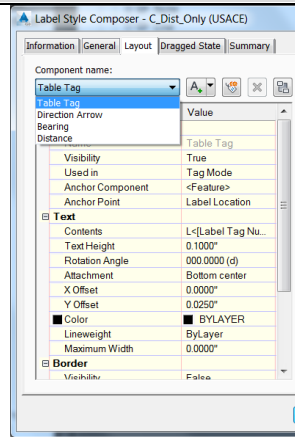
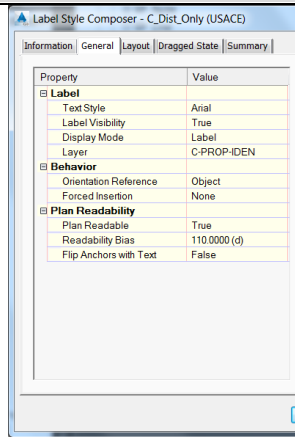
Distance

Visibility	True
Used in	Tag Mode
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	L:([Label Tag Nu...
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Bottom center
X Offset	0.0000"
Y Offset	0.0250"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False

Name: C_Dist_Only (USACE)

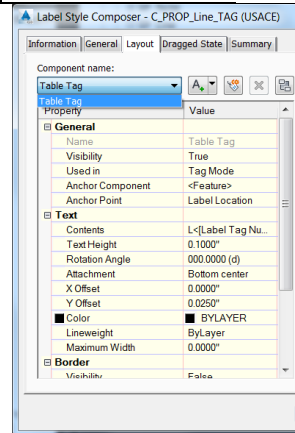
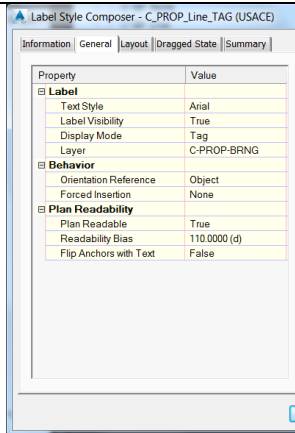
Description: CHILD
Length Only

45.05'



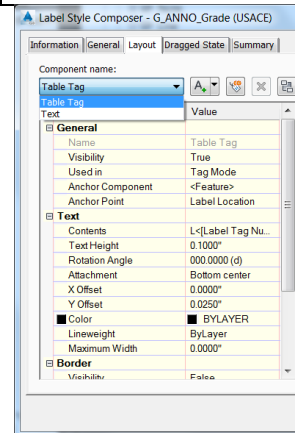
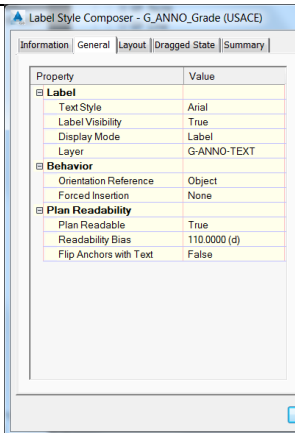
Name: C_PROP_Line_TAG (USACE)
Description: Proposed
 Line T A G

L



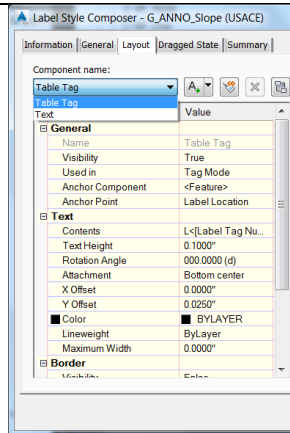
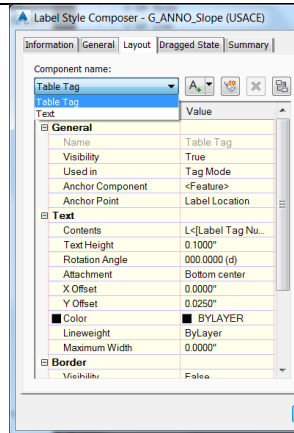
Name: G_ANNO_Grade (USACE)
Description: Percent (%)

0.00%



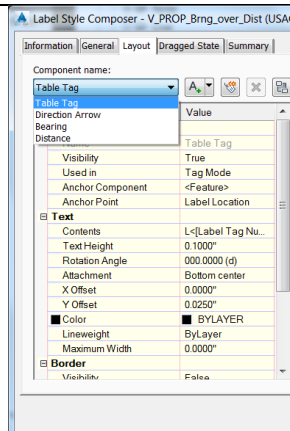
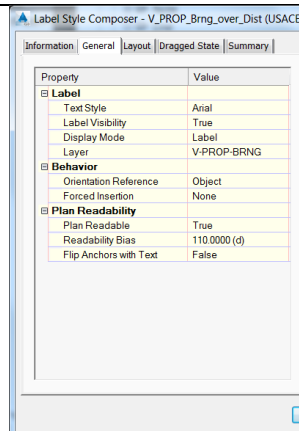
Name: G_ANNO_Slope (USACE)
Description: Slope (X:1)

Horizontal



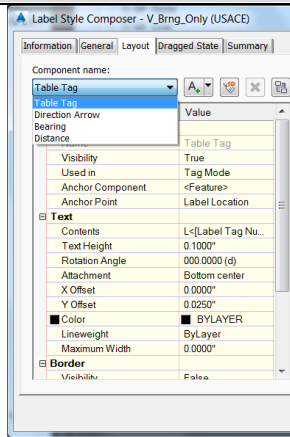
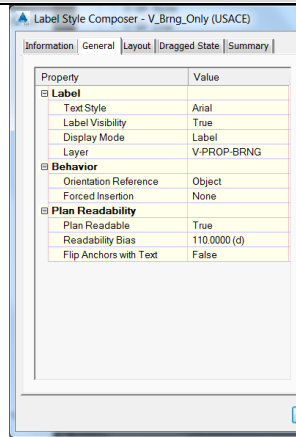
Name: V_PROP_Brng_over_Dist (USACE)
Description: Existing Bearing / Distance

S36° 41' 59.58"E
 45.05'



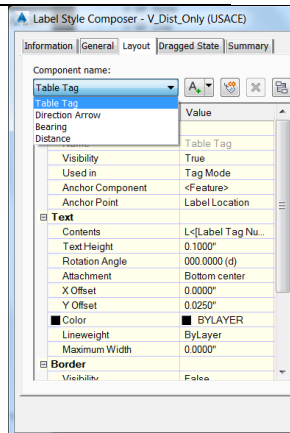
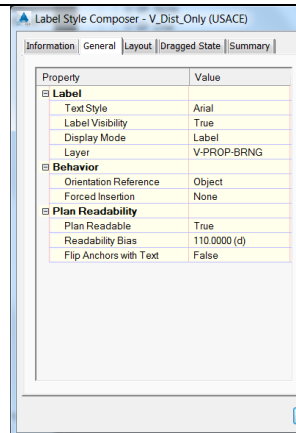
Name: V_Brng_Only
 (USACE)
Description: CHILD
 Bearing Only

S36° 41' 59.58"E



Name: V_Dist_Only (USACE)
Description: CHILD
 Length Only

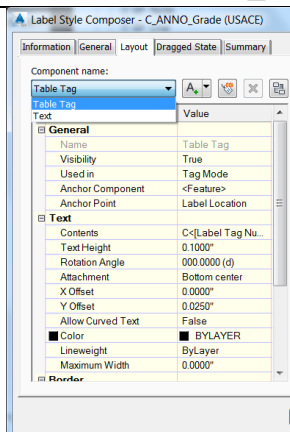
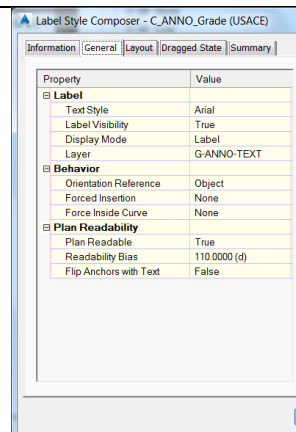
45.05'



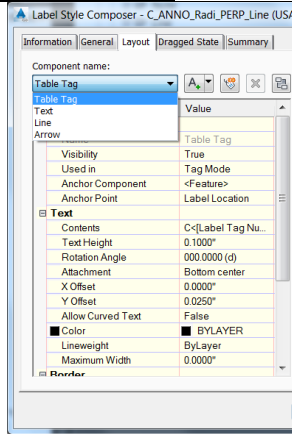
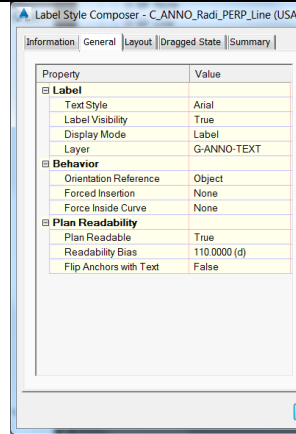
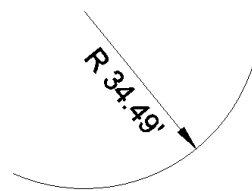
CURVE Label Styles (10)

Name: C_ANNO_Grade (USACE)
Description: Percent (%)

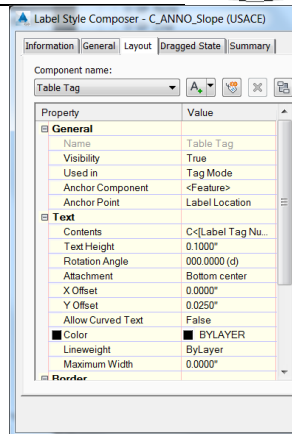
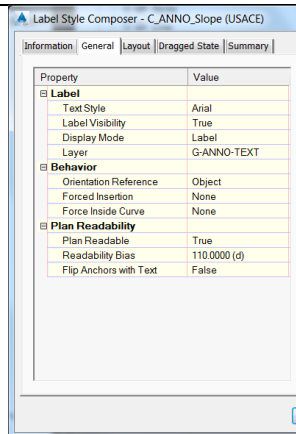
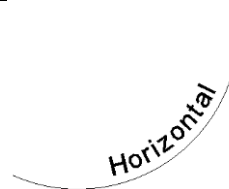
0.00%



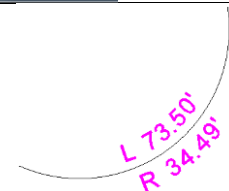
Name: C_ANNO_Radi_PERP_Line (USACE)
Description: Radius with Line

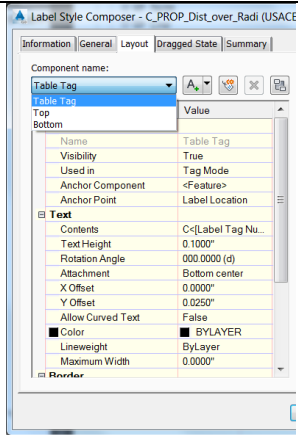
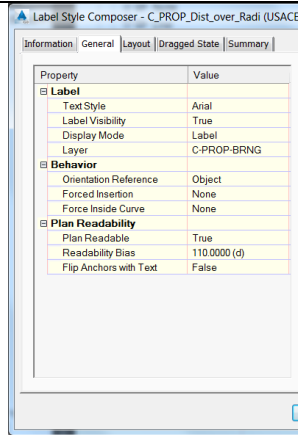


Name: C_ANNO_Slope (USACE)
Description: Slope (X:1)



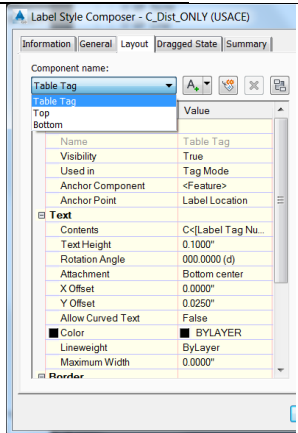
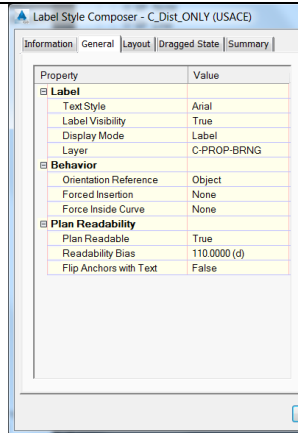
Name: C_PROP_Dist_over_Radi (USACE)
Description: Proposed
 Length / Radius





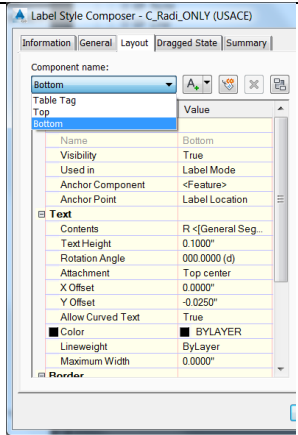
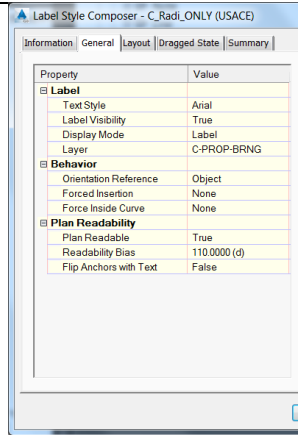
Name: C_Dist_ONLY (USACE)
Description: CHILD
 Length Only

L 73.50'

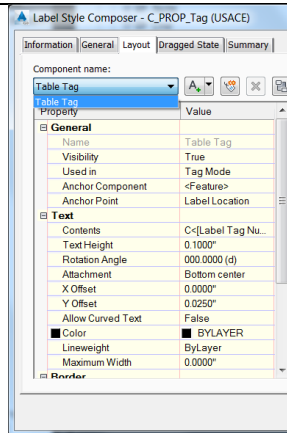
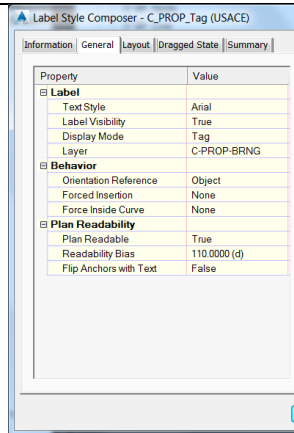
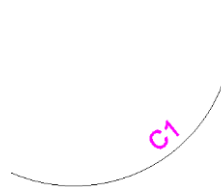


Name: C_Radi_ONLY (USACE)
Description: CHILD
 Radius Only

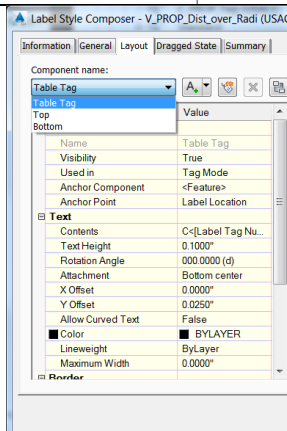
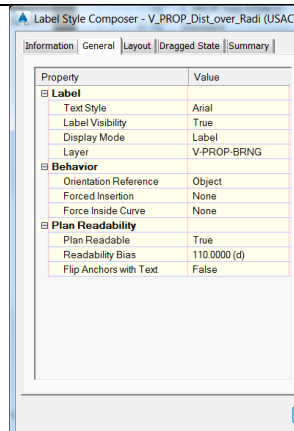
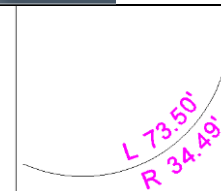
R 34.49'



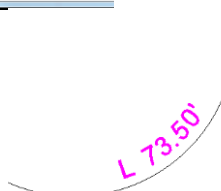
Name: C_PROP_Tag (USACE)
Description: Proposed
 Curve T A G

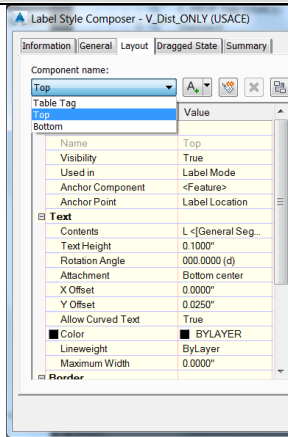
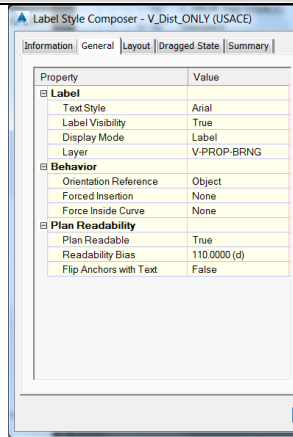


Name: V_PROP_Dist_over_Radi (USACE)
Description: Existing
 Length / Radius

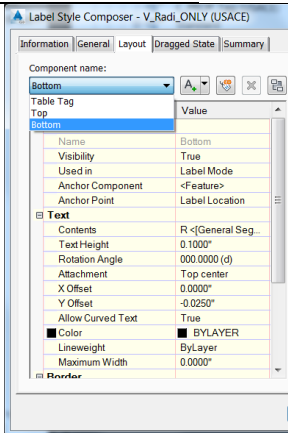
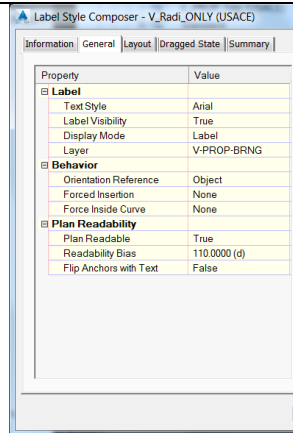
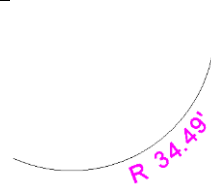


Name: V_Dist_ONLY (USACE)
Description: CHILD
 Length Only





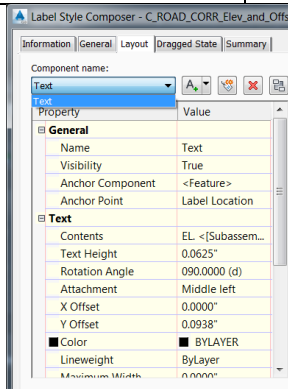
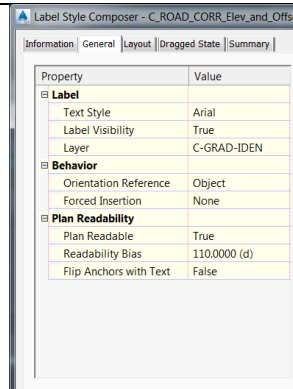
Name: V_Radi_ONLY (USACE)
Description: CHILD
 Radius Only



MARKER Label Styles (4)

Name: C_ROAD_CORR_Elev_and_Offset [v] (USACE)
Description: Vertical with Line, Elevation and Offset (.0625)

EL. 0.20
 OFF. -10.00



Name: C_Elev_and_Offset [small] (USACE)
Description: For Use View/Edit Section Display (.01)

EL. 0.20
 OFF. -10.00



Label Style Composer - C_Elev_and_Offset [small] (USA)

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-GRAD-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_Elev_and_Offset [small] (USA)

Property	Value
General	
Name	Text
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	EL. <[Subassem...
Text Height	0.0100"
Rotation Angle	090.0000 (d)
Attachment	Middle left
X Offset	0.0000"
Y Offset	0.0100"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"

Name: C_ROAD_CORR_Elev_Only [v] (USACE)
Description: Vertical with Line, Elevation Only

EL. 0.50



Label Style Composer - C_ROAD_CORR_Elev_Only [v] (U)

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-GRAD-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_ROAD_CORR_Elev_Only [v] (U)

Property	Value
General	
Name	Text
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	EL. <[Subassem...
Text Height	0.0625"
Rotation Angle	090.0000 (d)
Attachment	Middle left
X Offset	0.0000"
Y Offset	0.0938"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"

Name: C_Elev_Only [small] (USACE)
Description: For Use View/Edit Section Display (.01)

EL. 0.50



Label Style Composer - C_Elev_Only [small] (USACE)

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-GRAD-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_Elev_Only [small] (USACE)

Property	Value
General	
Name	Text
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	EL. <[Subassem...
Text Height	0.0100"
Rotation Angle	090.0000 (d)
Attachment	Middle left
X Offset	0.0000"
Y Offset	0.0100"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"

LINK Label Styles (4)

Name: C_ROAD_CORR_Grade (USACE)

Description: Grade % (.0625)

-2.00%

Label Style Composer - C_ROAD_CORR_Grade (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-ROAD-CORR-L
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_ROAD_CORR_Grade (USACE)

Information | General | Layout | Dragged State | Summary

Component name: Text

Property	Value
General	
Name	Text
Visibility	True
Anchor Component	<Feature>
Anchor Point	Middle
Text	
Contents	<[Link Grade(FP...
Text Height	0.0625"
Rotation Angle	000.0000 (d)
Attachment	Bottom center
X Offset	0.0000"
Y Offset	0.0312"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"

Name: C_Grade [small] (USACE)

Description: For Use View/Edit Section Display % (.01)

-2.00%

Label Style Composer - C_Grade [small] (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-ROAD-CORR-L
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_Grade [small] (USACE)

Information | General | Layout | Dragged State | Summary

Component name: Text

Property	Value
General	
Name	Text
Visibility	True
Anchor Component	<Feature>
Anchor Point	Middle
Text	
Contents	<[Link Grade(FP...
Text Height	0.0100"
Rotation Angle	000.0000 (d)
Attachment	Bottom center
X Offset	0.0000"
Y Offset	0.0100"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"

Name: C_ROAD_CORR_Slope (USACE)

Description: Slope X:1 (.0625)

8.5:1

Label Style Composer - C_ROAD_CORR_Slope (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-ROAD-CORR-L
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_ROAD_CORR_Slope (USACE)

Information | General | Layout | Dragged State | Summary

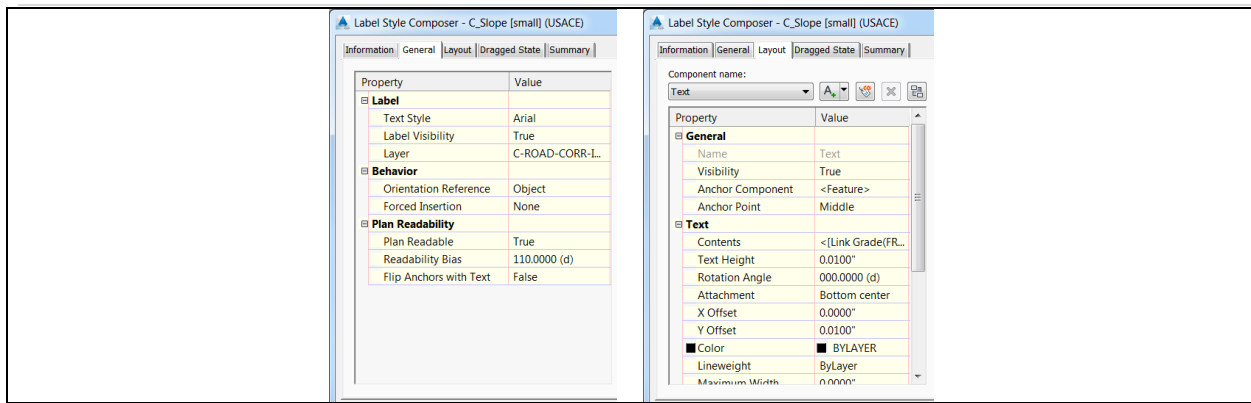
Component name: Text

Property	Value
General	
Name	Text
Visibility	True
Anchor Component	<Feature>
Anchor Point	Middle
Text	
Contents	<[Link Grade(FR...
Text Height	0.0625"
Rotation Angle	000.0000 (d)
Attachment	Bottom center
X Offset	0.0000"
Y Offset	0.0312"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"

Name: C_Slope [small] (USACE)

Description: For Use View/Edit Section Display X:1 (.01)

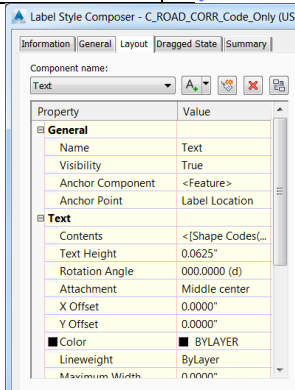
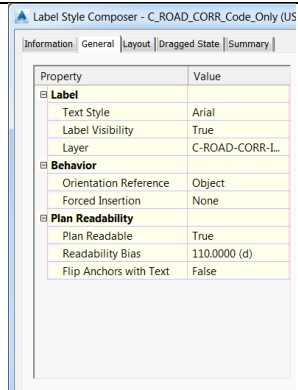
8.5:1



SHAPE Label Styles (4)

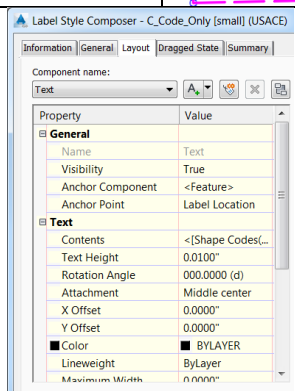
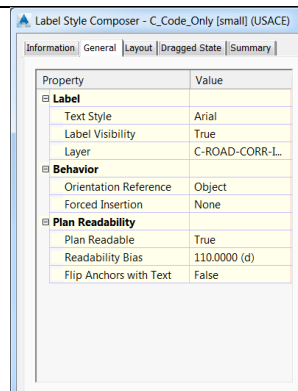
Name: *C_ROAD_CORR_Code_Only (USACE)*
Description: *Name of Code (.0625)*

Code



Name: *C_Code_Only [small] (USACE)*
Description: *For Use View/Edit Section Display (.01)*

Code



Name: *C_ROAD_CORR_Code_and_Area (USACE)*
Description: *Name and Area of Code (.0625)*

Code-Area (640.05 sf)

Label Style Composer - C_ROAD_CORR_Code_and_Are

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-ROAD-CORR-L
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_ROAD_CORR_Code_and_Are

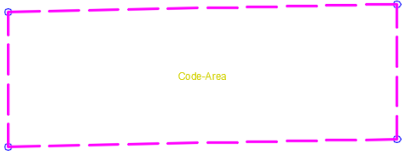
Information | General | Layout | Dragged State | Summary

Component name: Text

Property	Value
General	
Name	Text
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	<[Shape Codes(...
Text Height	0.0625"
Rotation Angle	000.0000 (d)
Attachment	Middle center
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"

Name: C_Code_and_Area [small] (USACE)

Description: For Use View/Edit Section Display (.01)



Label Style Composer - C_Code_and_Area [small] (USA

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-ROAD-CORR-L
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_Code_and_Area [small] (USA

Information | General | Layout | Dragged State | Summary

Component name: Text

Property	Value
General	
Name	Text
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	<[Shape Codes(...
Text Height	0.0100"
Rotation Angle	000.0000 (d)
Attachment	Middle center
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"

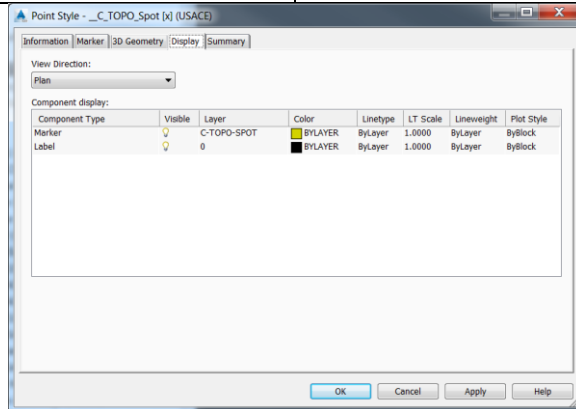
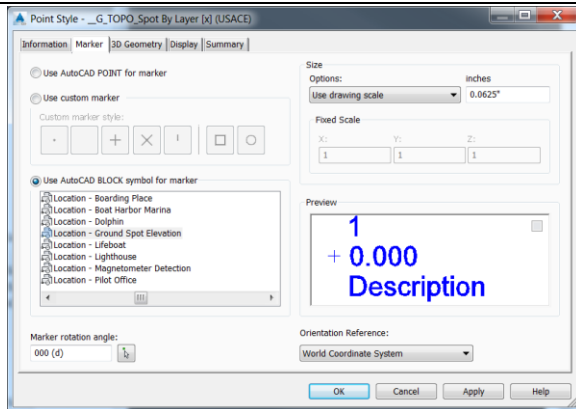
1.2 Points

POINT (316)

Object Styles

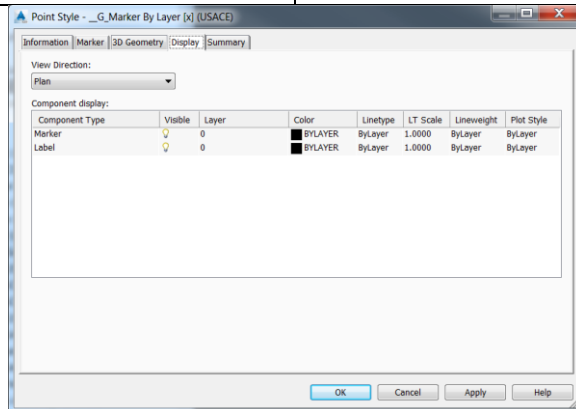
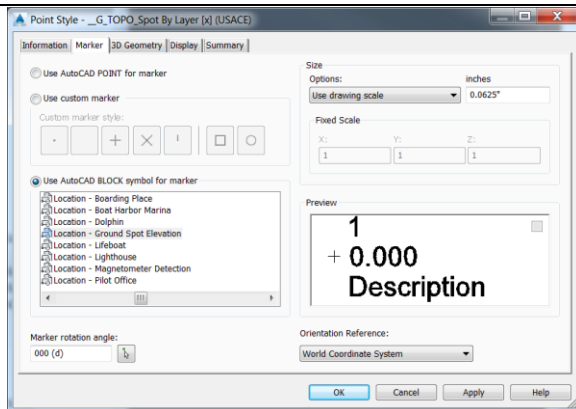
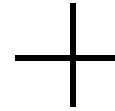
Name: __C_TOPO_Spot [x] (USACE)

Description: Proposed Ground Spot Elevation



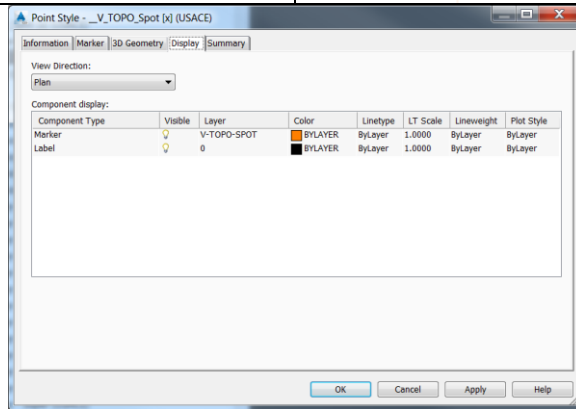
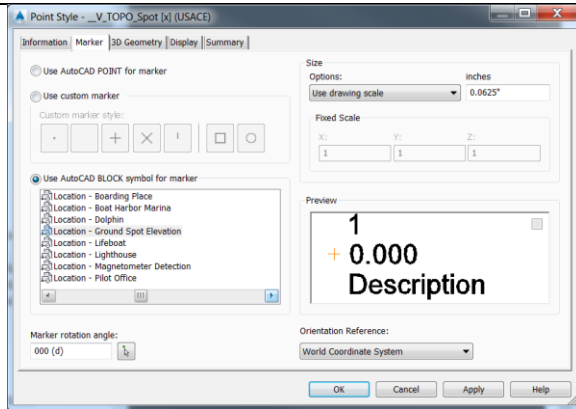
Name: __G_TOPO_Spot By Layer [x] (USACE)

Description: Object will take on the Properties of the Host Layer.



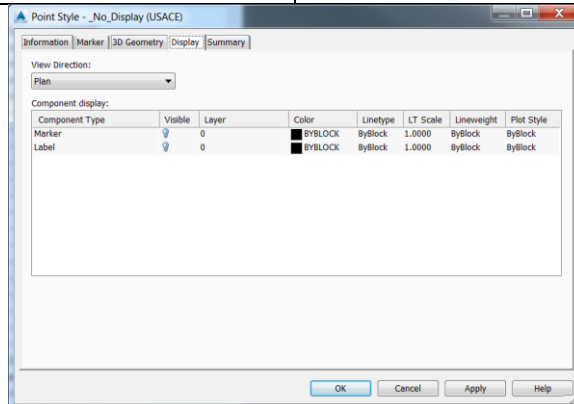
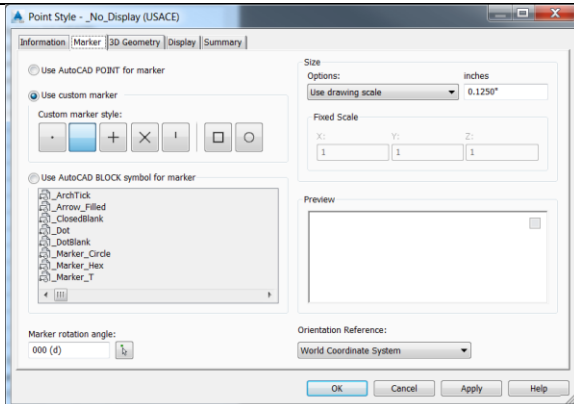
Name: __G_TOPO_Spot By Layer [x] (USACE)

Description: Existing Ground Spot Elevation



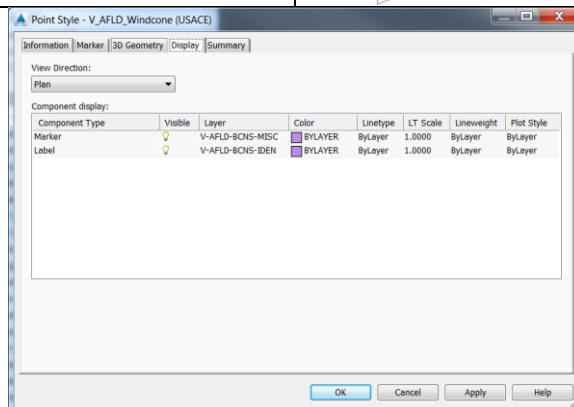
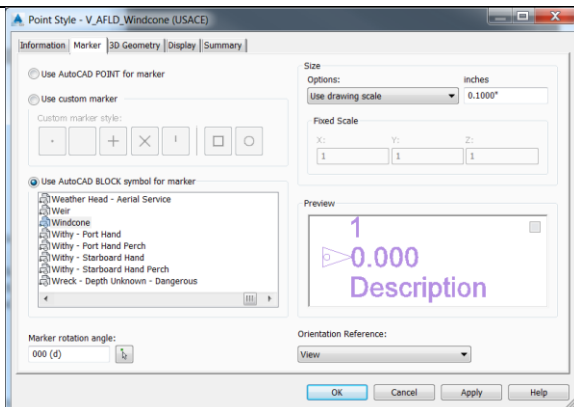
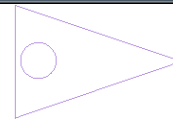
Name: *_No_Display (USACE)*

Description: *ALL Components OFF - No Marker*



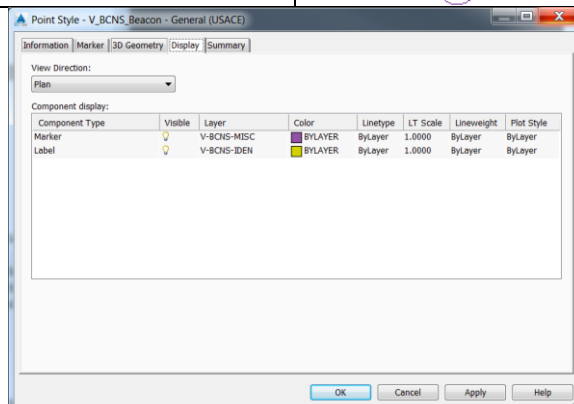
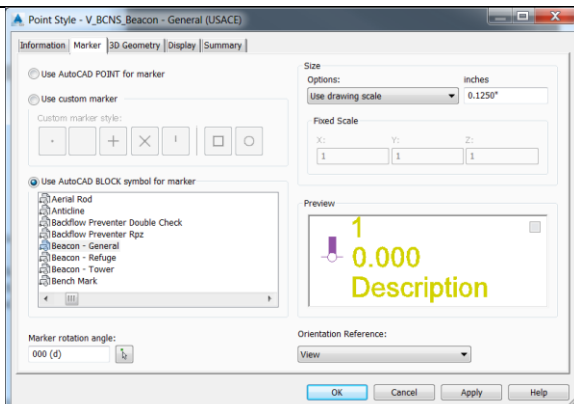
Name: *AFLD_Windcone V_(USACE)*

Description: *Windcone*



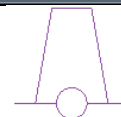
Name: *BCNS_Beacon - General V_(USACE)*

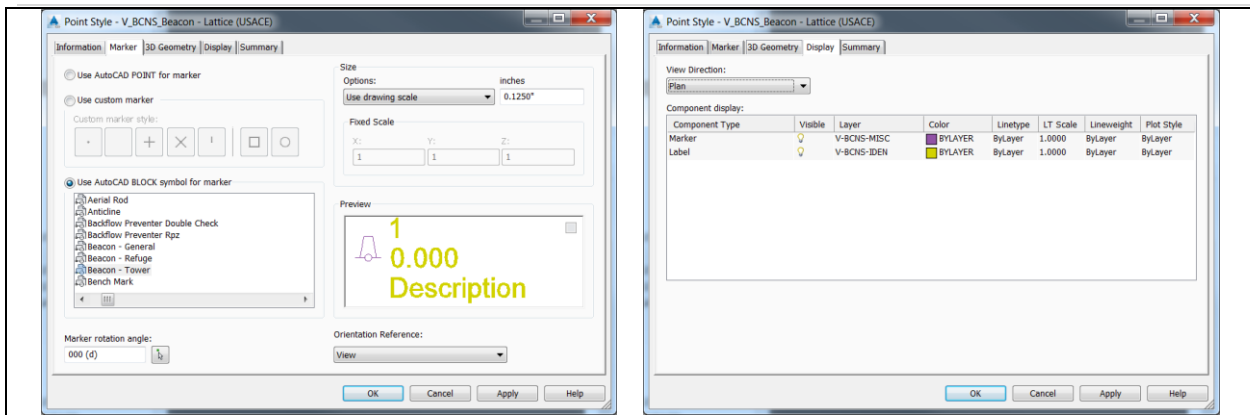
Description: *Beacon - General*



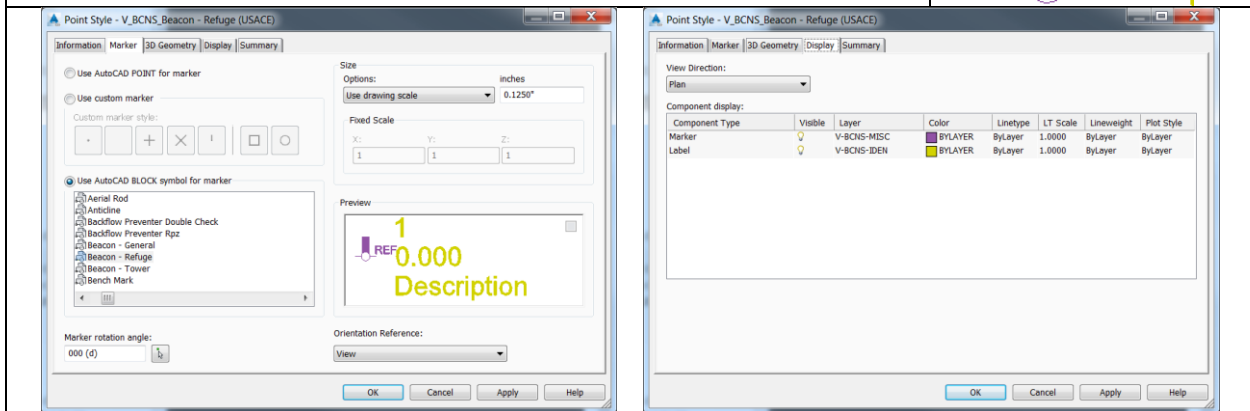
Name: *BCNS_Beacon - Lattice V_(USACE)*

Description: *Beacon - Lattice*

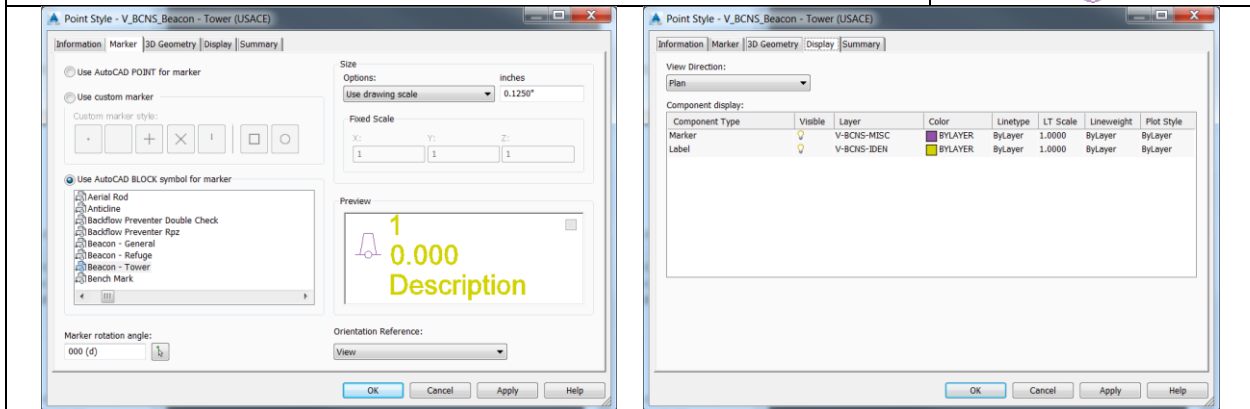
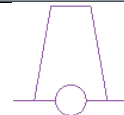




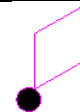
Name: BCNS_Beacon - Refuge V_(USACE)
Description: Beacon - Refuge

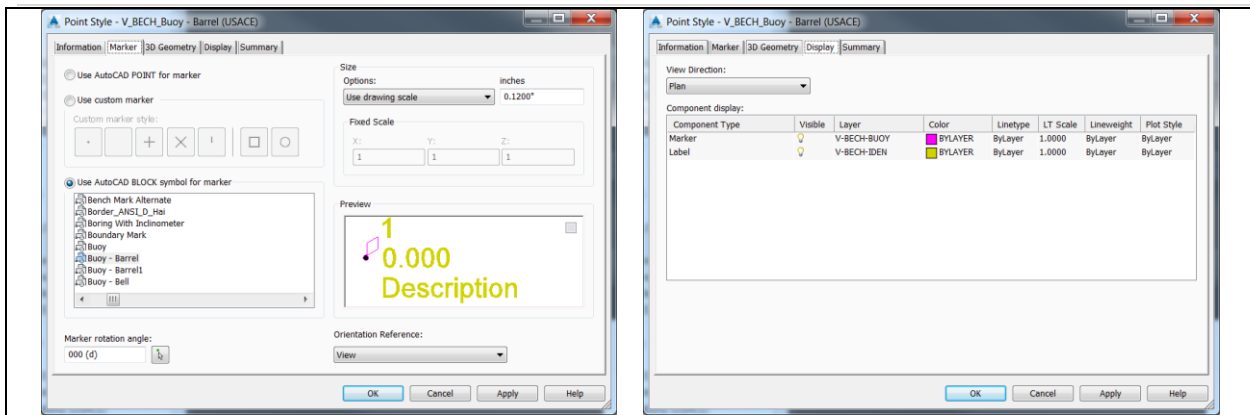


Name: BCNS_Beacon - Tower V_(USACE)
Description: Beacon - Tower

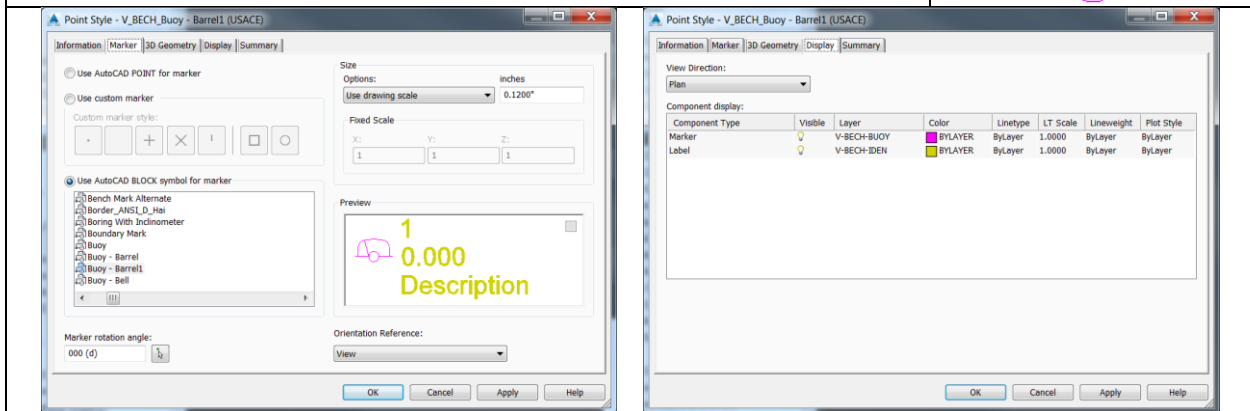
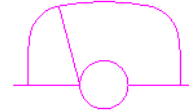


Name: BECH_Buoy - Barrel V_(USACE)
Description: Buoy - Barrel

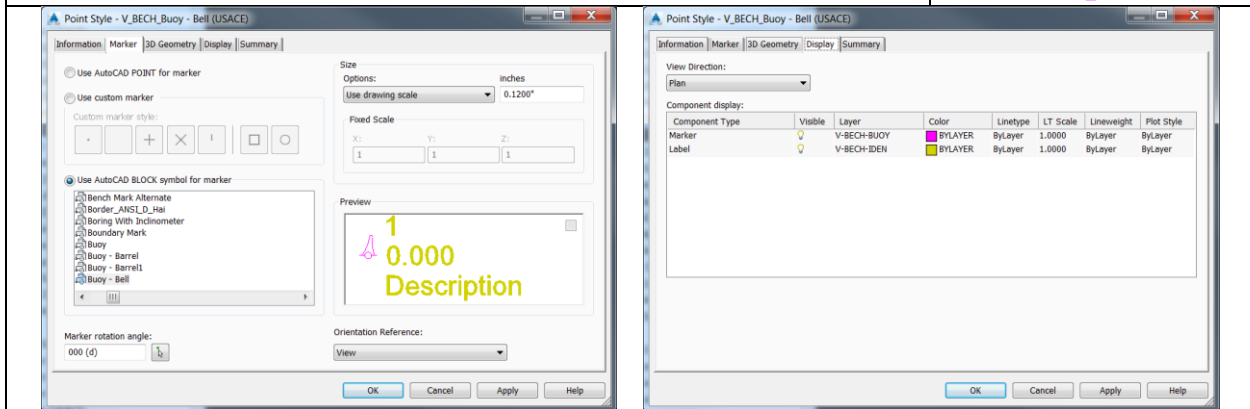




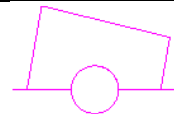
Name: BECH_Buoy - Barrel1 V_(USACE)
Description: Buoy - Barrel1

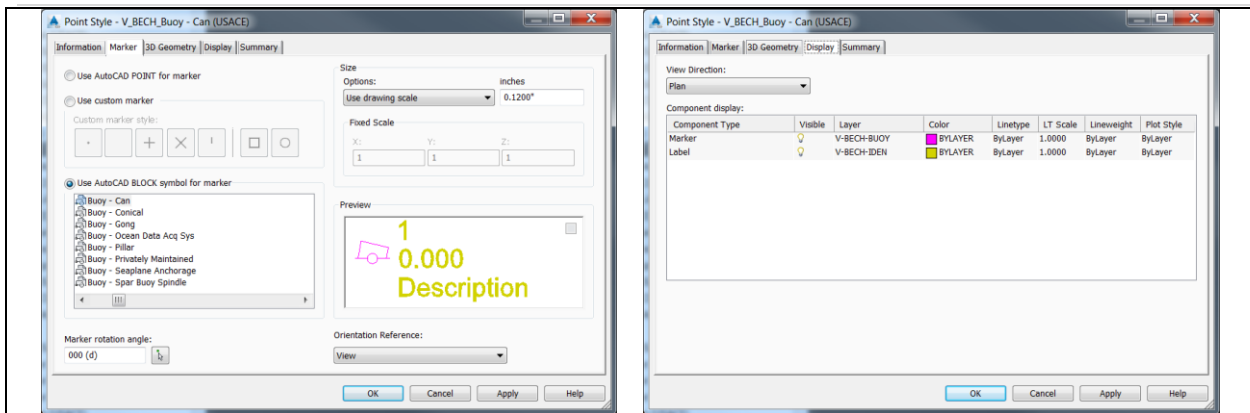


Name: BECH_Buoy - Bell V_(USACE)
Description: Buoy - Bell



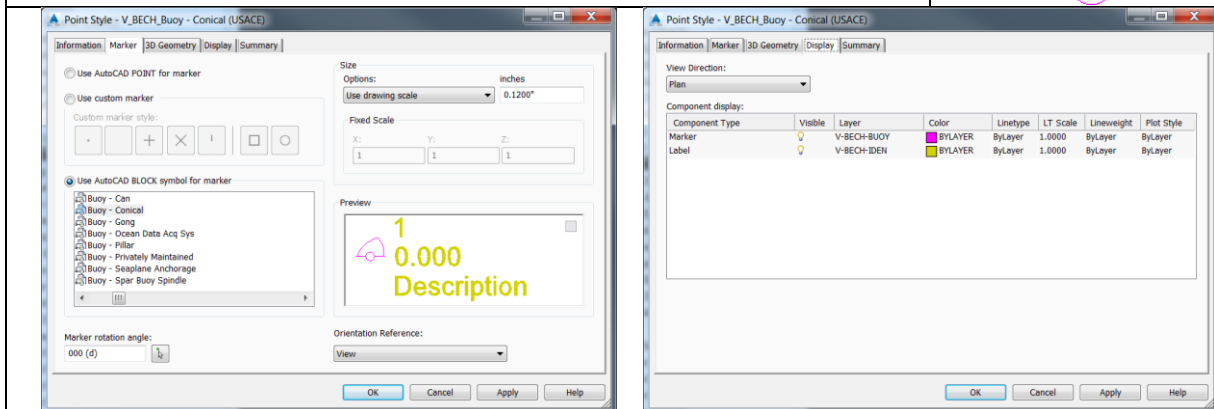
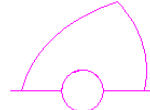
Name: BECH_Buoy - Can V_(USACE)
Description: Buoy - Can





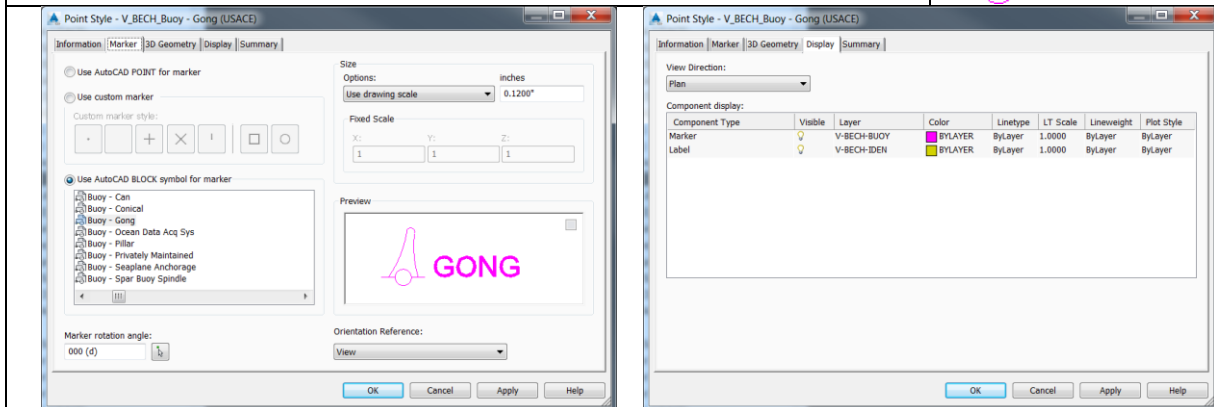
Name: BECH_Buoy - Conical V_(USACE)

Description: Buoy - Conical



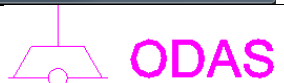
Name: BECH_Buoy - Gong (USACE)

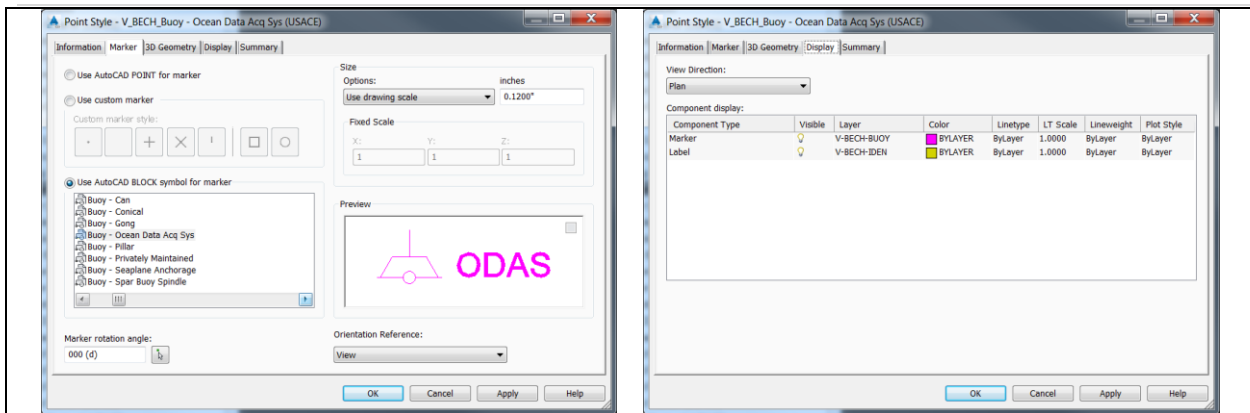
Description: Buoy - Gong



Name: BECH_Buoy - Ocean Data Acq Sys V_(USACE)

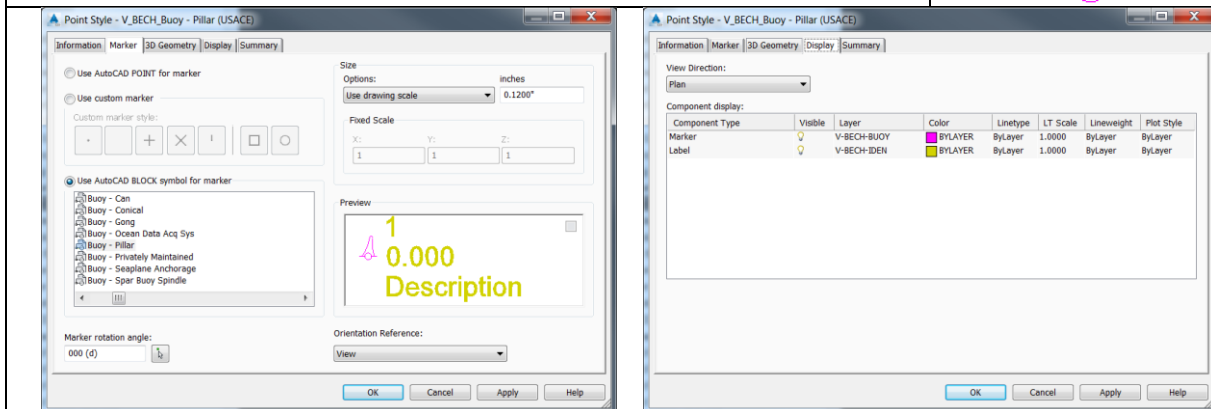
Description: Buoy - Ocean Data Acq Sys





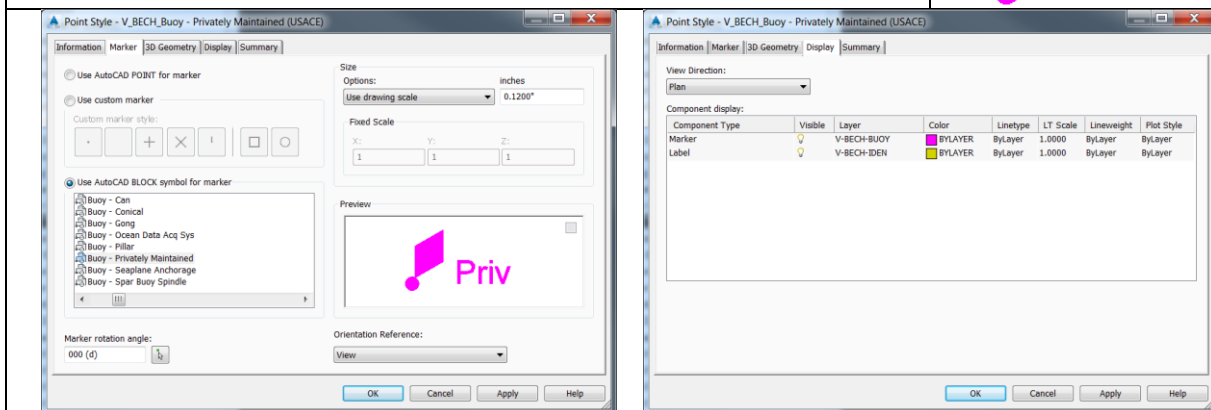
Name: BECH_Buoy - Pillar V_(USACE)

Description: Buoy - Pillar



Name: BECH_Buoy - Privately Maintained V_(USACE)

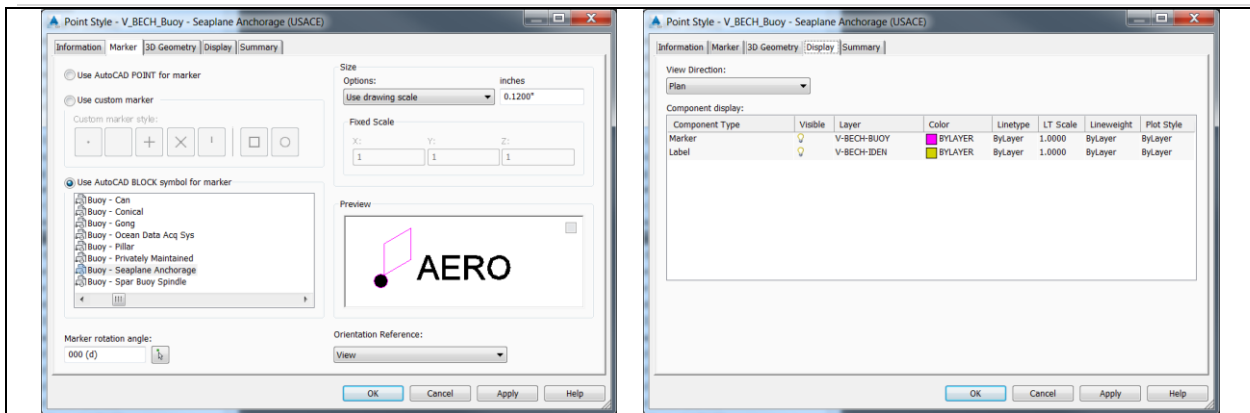
Description: Buoy - Privately Maintained



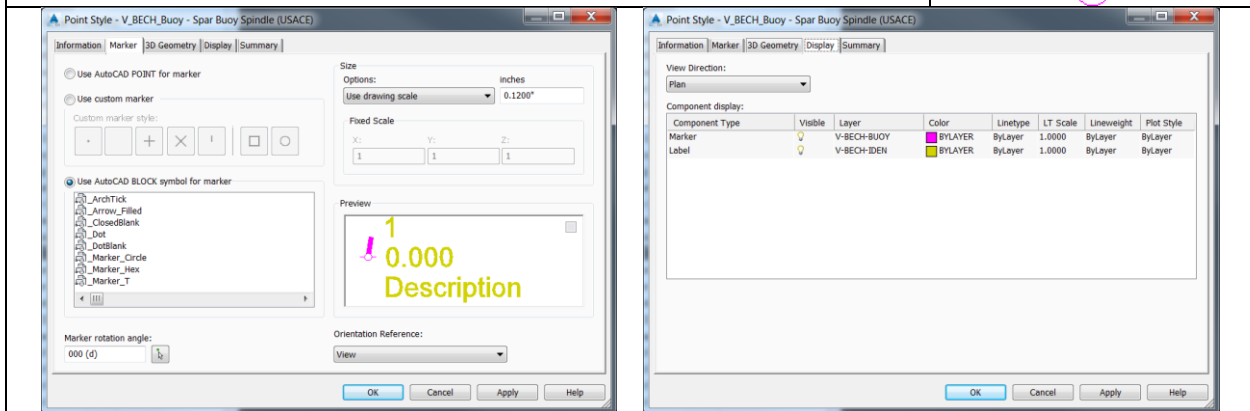
Name: BECH_Buoy - Seaplane Anchorage V_(USACE)

Description: Buoy - Seaplane Anchorage

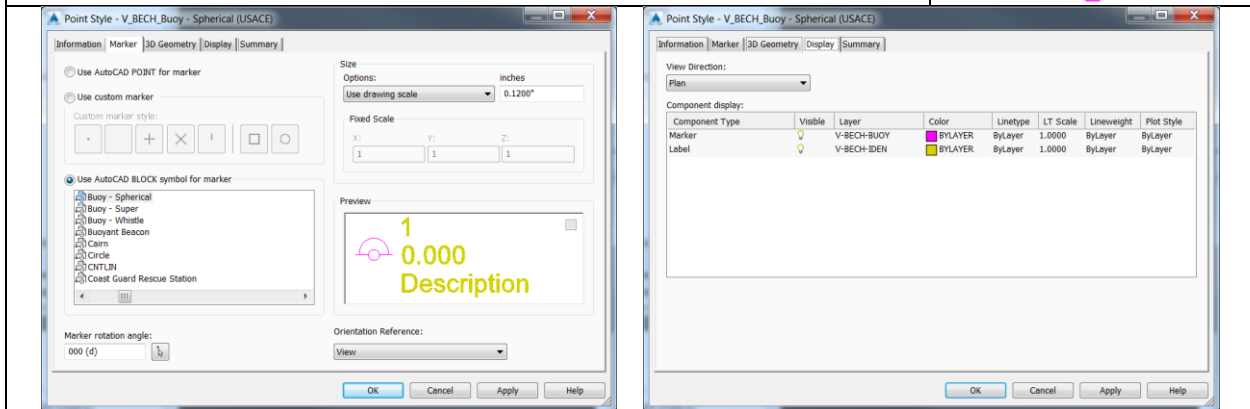
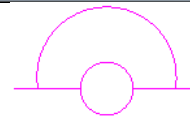




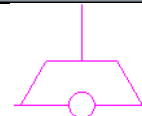
Name: BECH_Buoy - Spar Buoy Spindle V_(USACE)
Description: Buoy - Spar Buoy Spindle

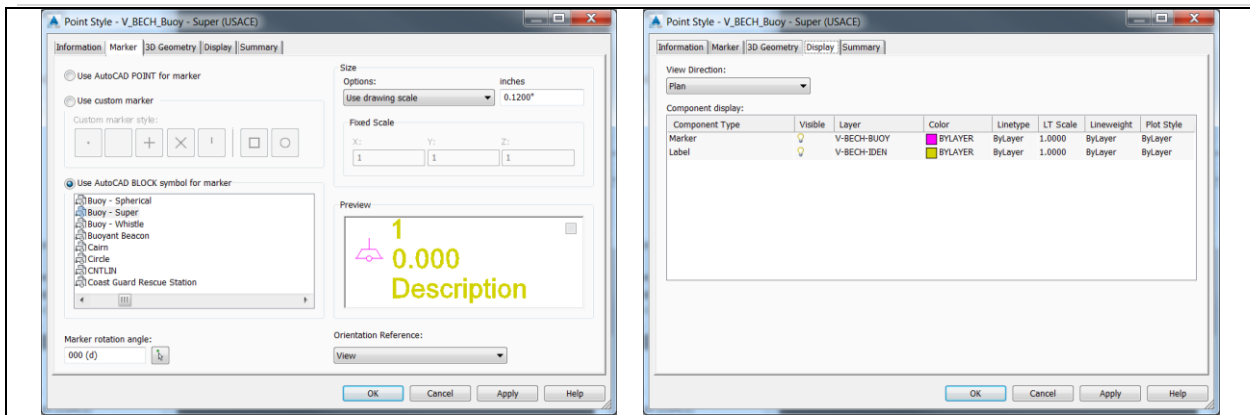


Name: BECH_Buoy - Spherical V_(USACE)
Description: Buoy - Spherical



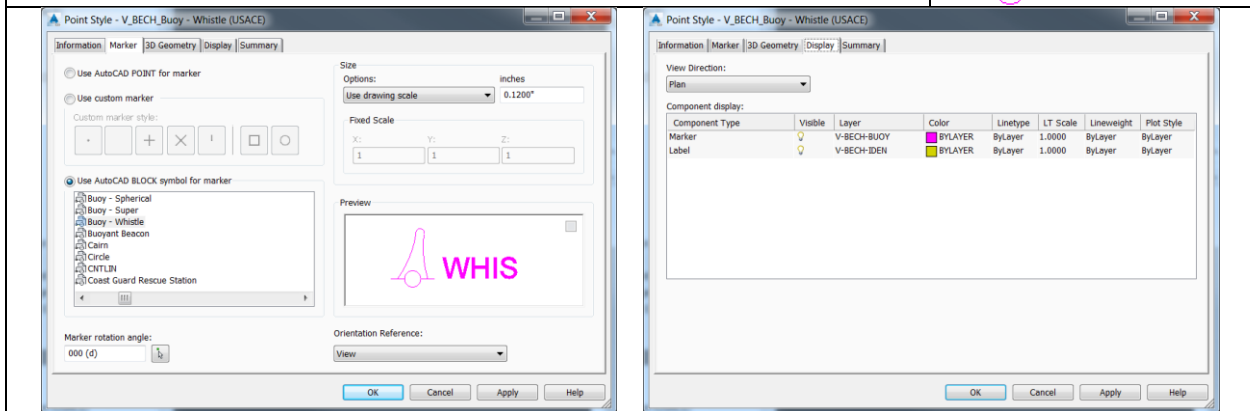
Name: BECH_Buoy - Super V_(USACE)
Description: Buoy - Super





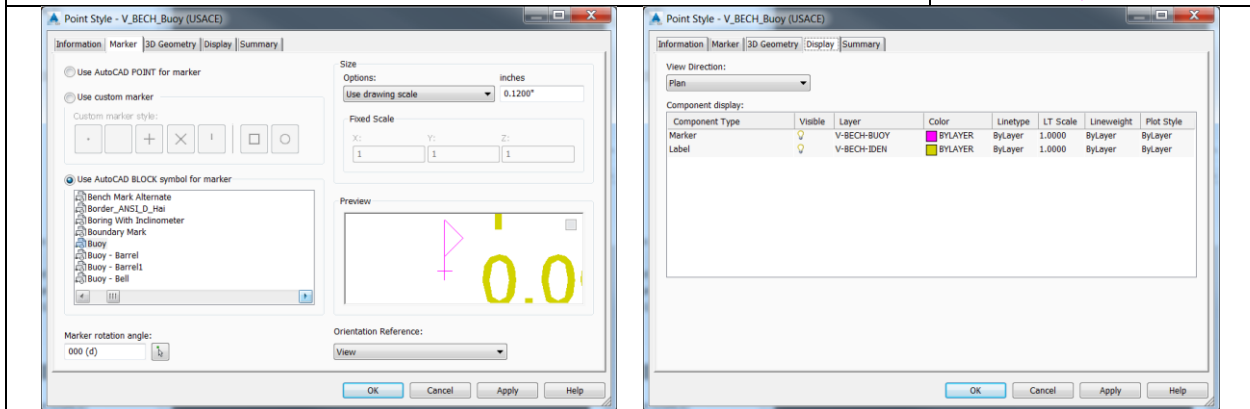
Name: BECH_Buoy - Whistle V_(USACE)

Description: Buoy - Whistle



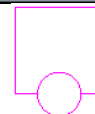
Name: BECH_Buoy V_(USACE)

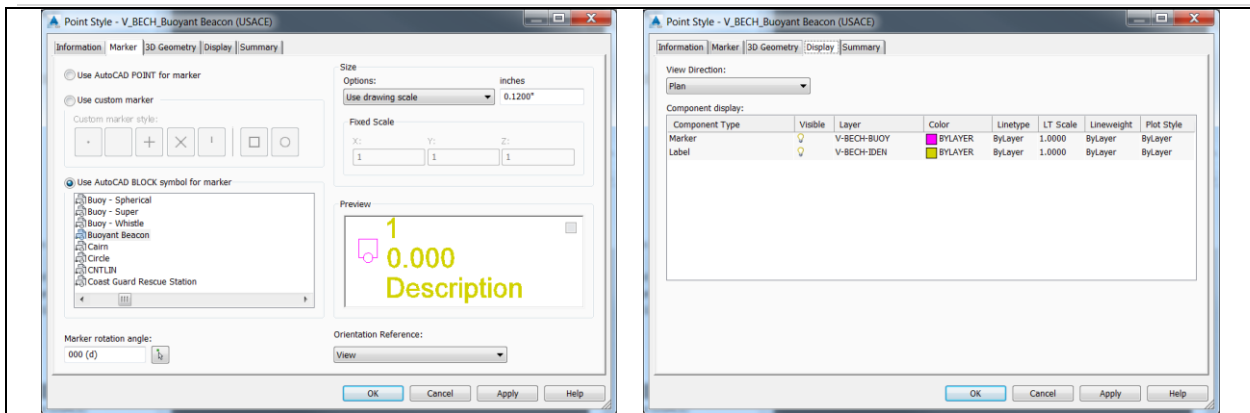
Description: Buoy



Name: BECH_Buoyant Beacon V_(USACE)

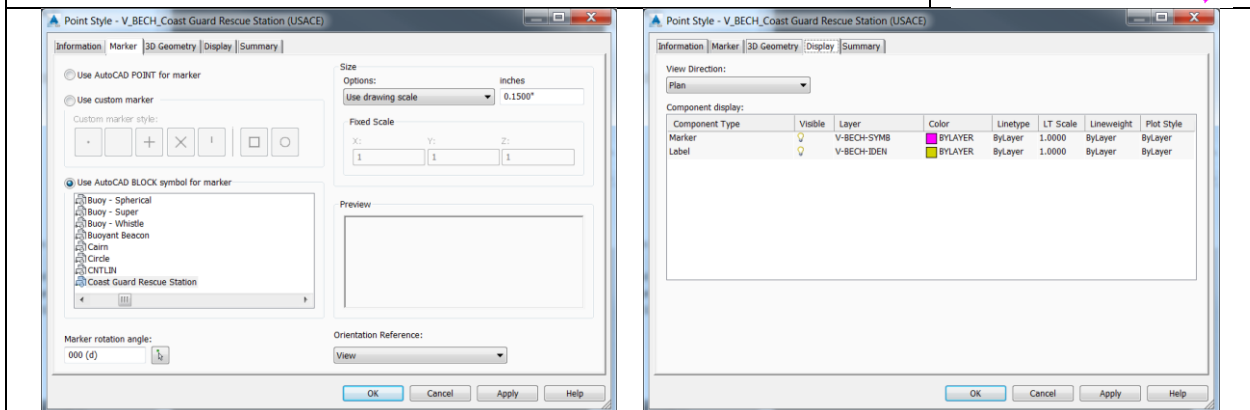
Description: Buoyant Beacon





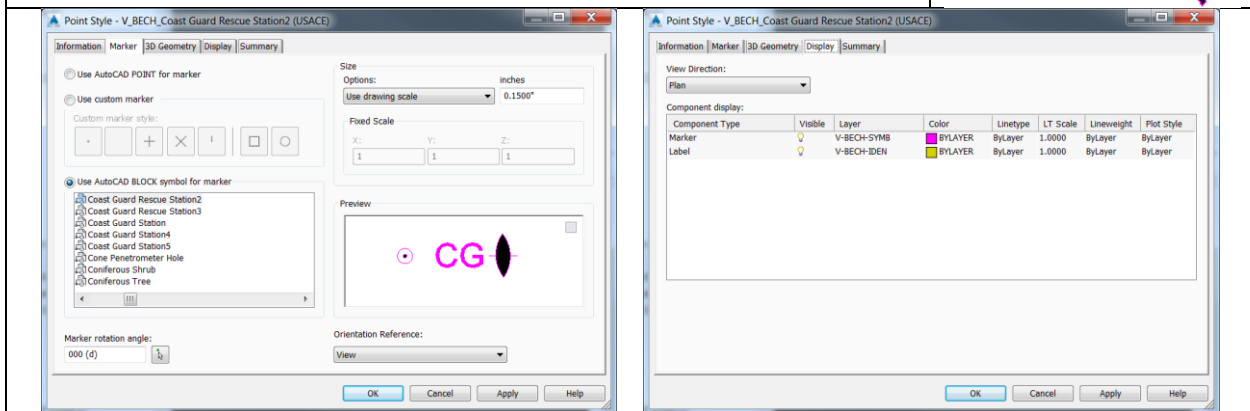
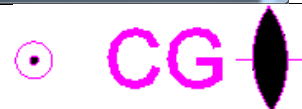
Name: BECH_Coast Guard Rescue Station V_(USACE)

Description: Coast Guard Rescue Station



Name: BECH_Coast Guard Rescue Station2 V_(USACE)

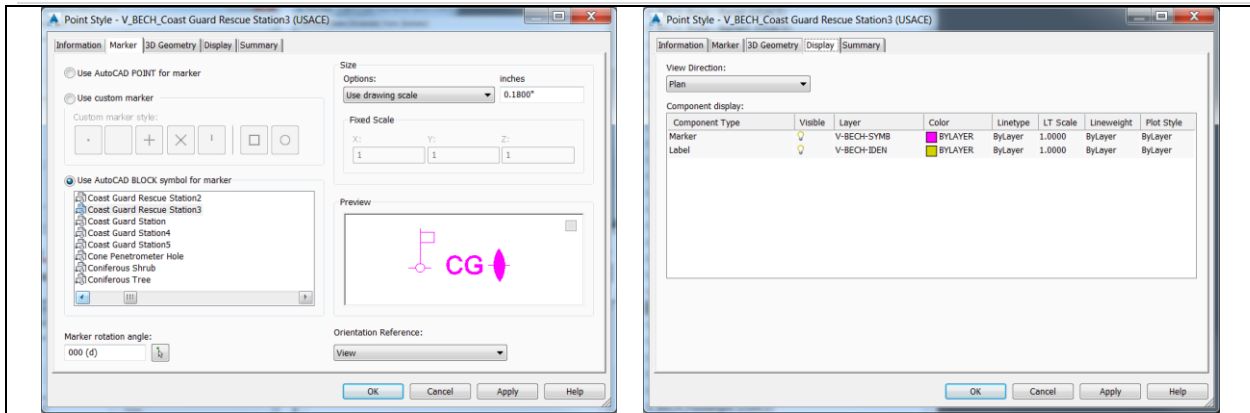
Description: Coast Guard Rescue Station2



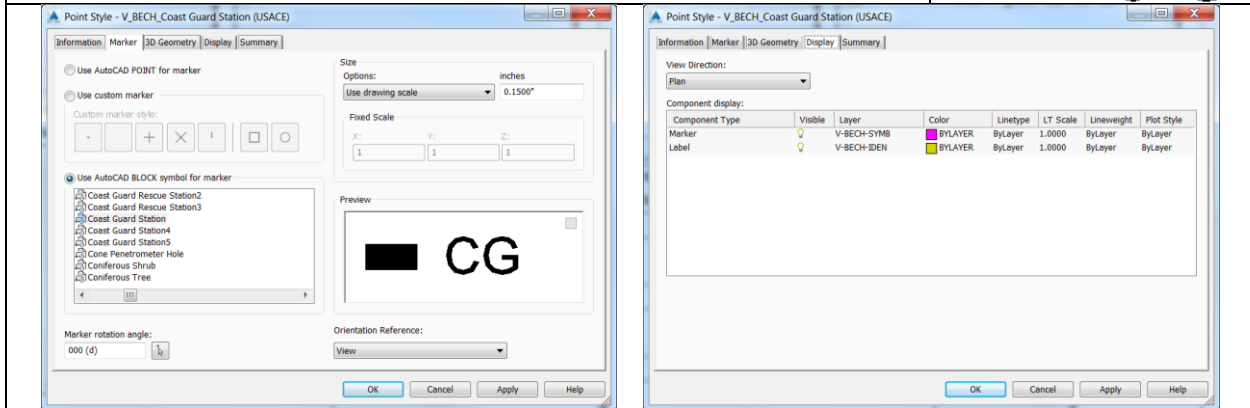
Name: BECH_Coast Guard Rescue Station3 V_(USACE)

Description: Coast Guard Rescue Station3

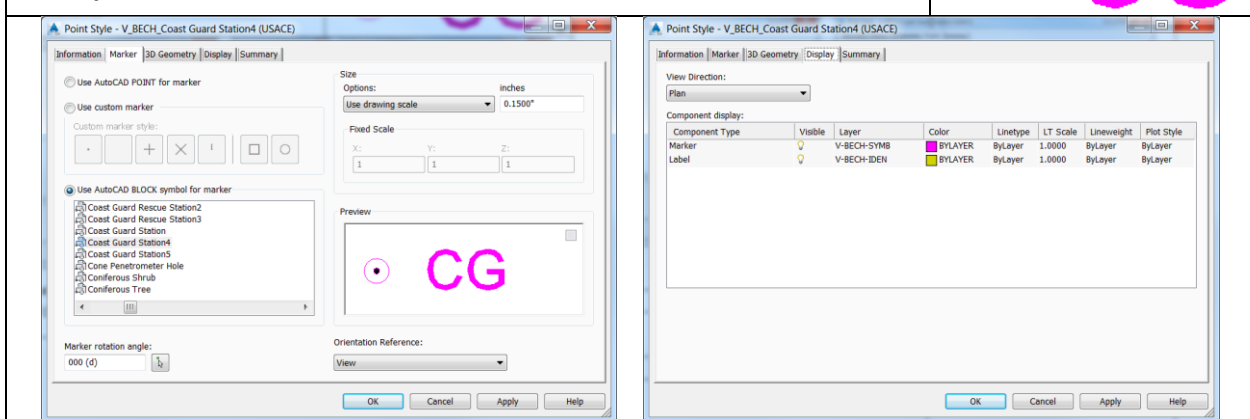




Name: BECH_Coast Guard Station V_(USACE)
Description: Coast Guard Station

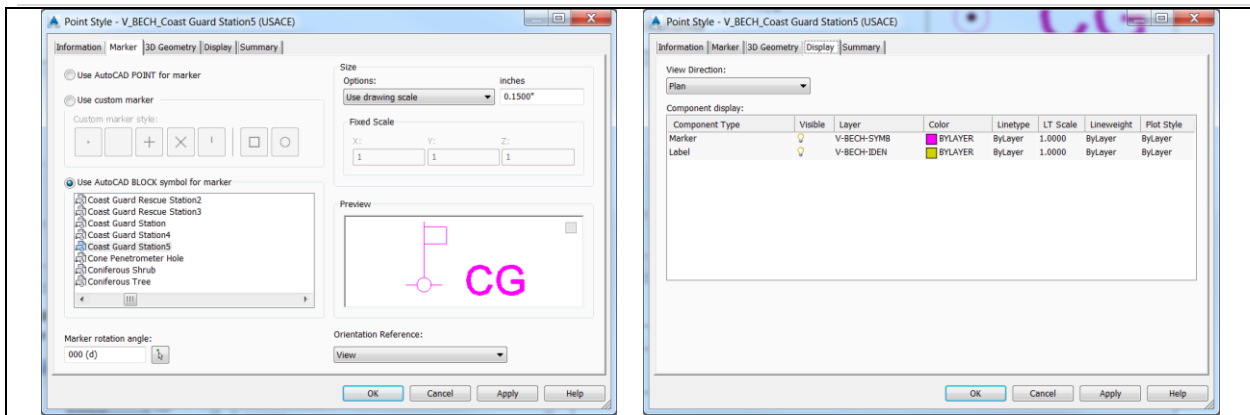


Name: BECH_Coast Guard Station4 V_(USACE)
Description: Coast Guard Station4

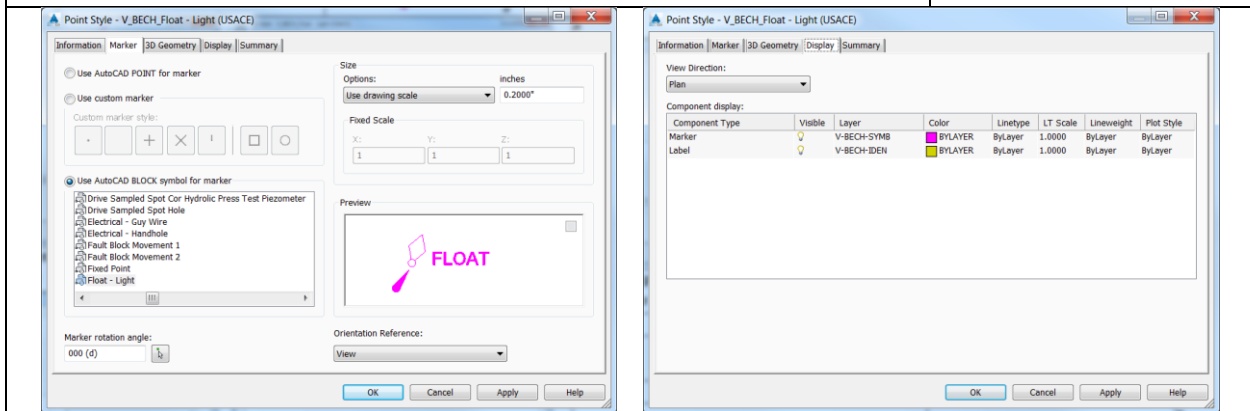


Name: BECH_Coast Guard Station5 V_(USACE)
Description: Coast Guard Station

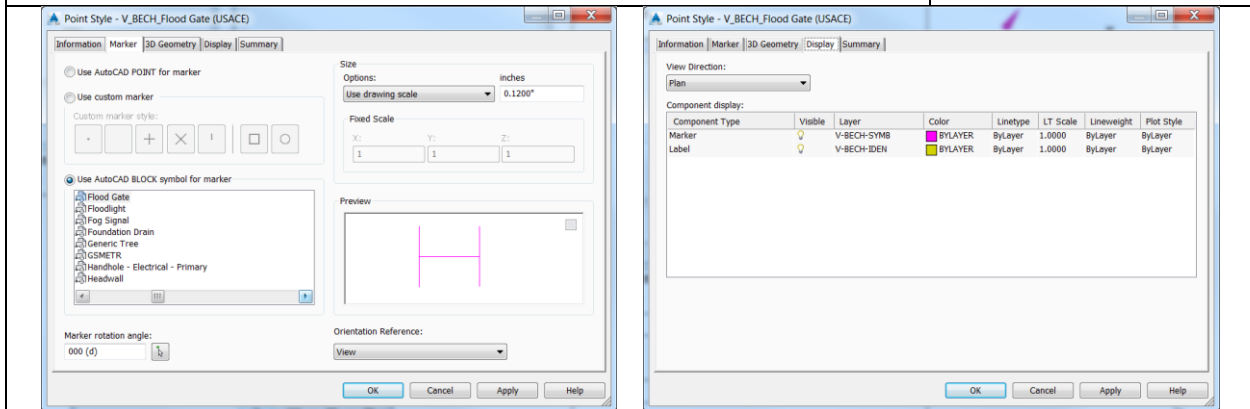
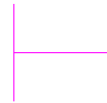




Name: BECH_Float - Light V_(USACE)
Description: Float - Light

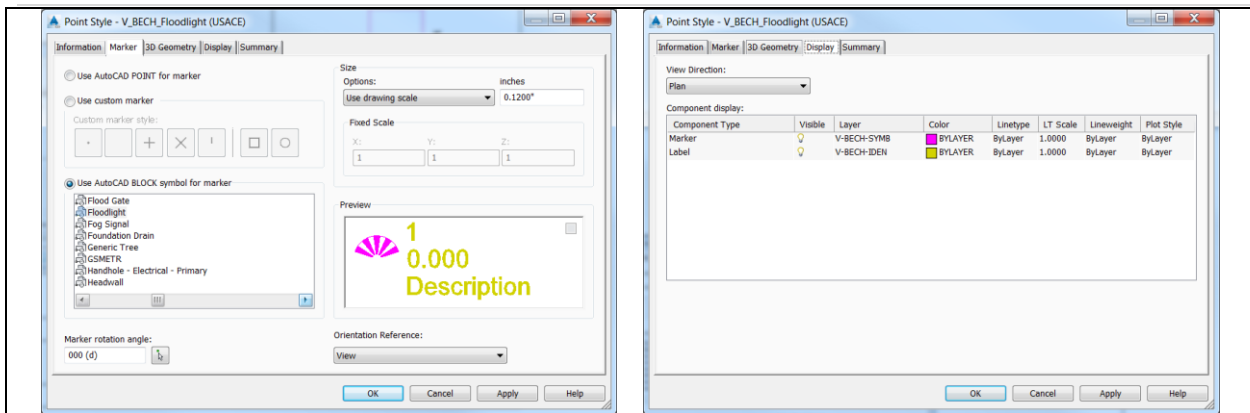


Name: BECH_Flood Gate V_(USACE)
Description: Flood Gate

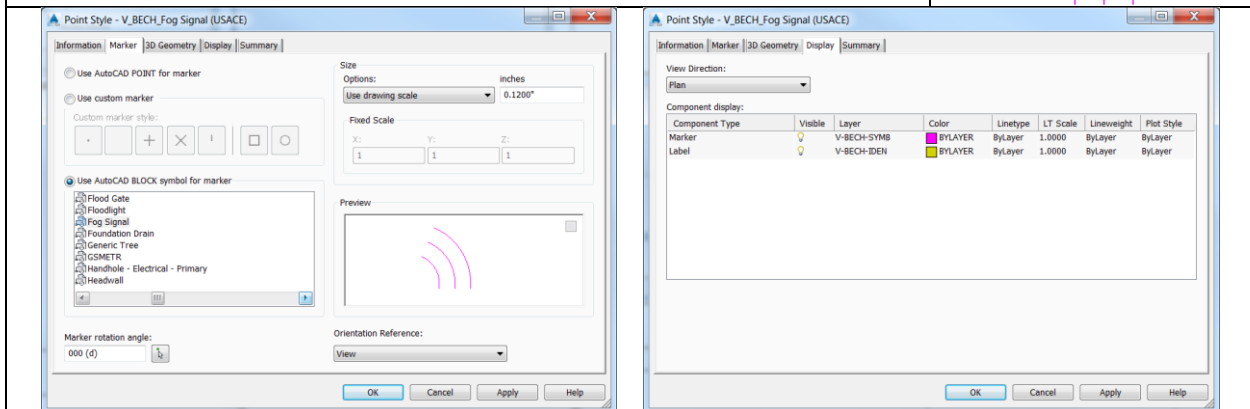


Name: BECH_Floodlight V_(USACE)
Description: Floodlight

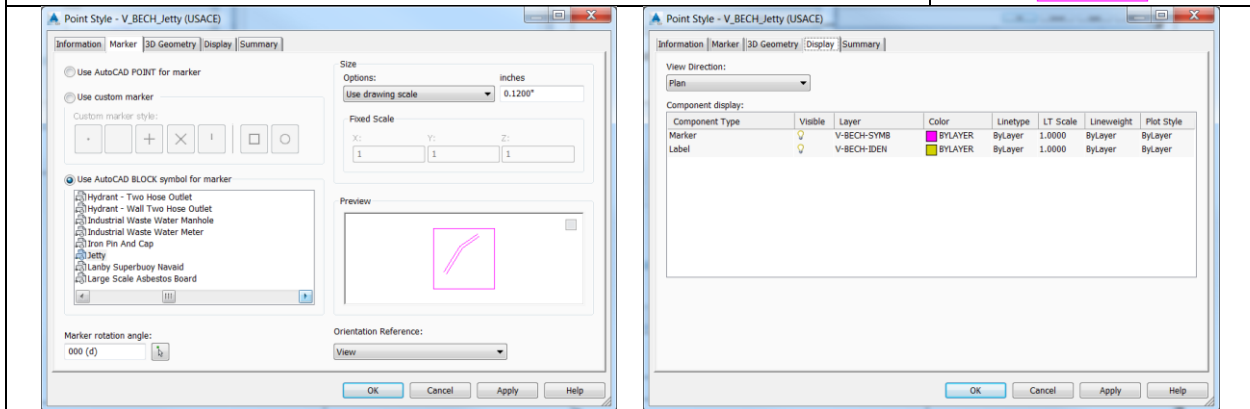
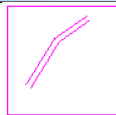




Name: BECH_Fog Signal V_(USACE)
Description: Fog Signal

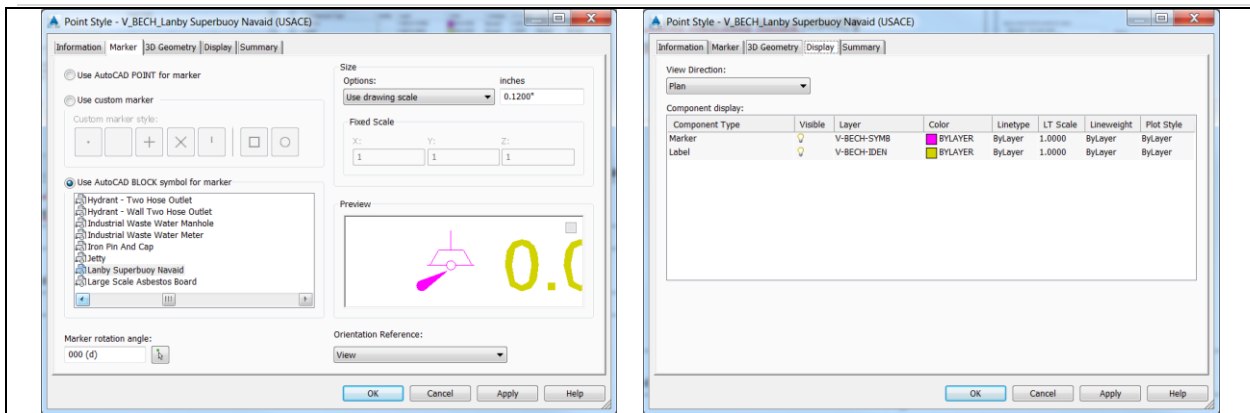


Name: BECH_Jetty V_(USACE)
Description: Jetty



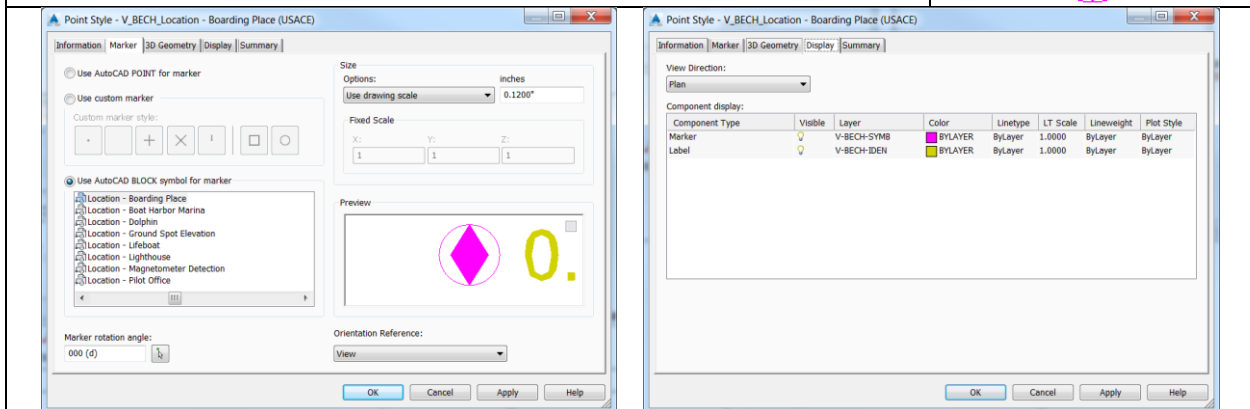
Name: BECH_Lanby Superbuoy Navaid V_(USACE)
Description: Lanby Superbuoy Navaid





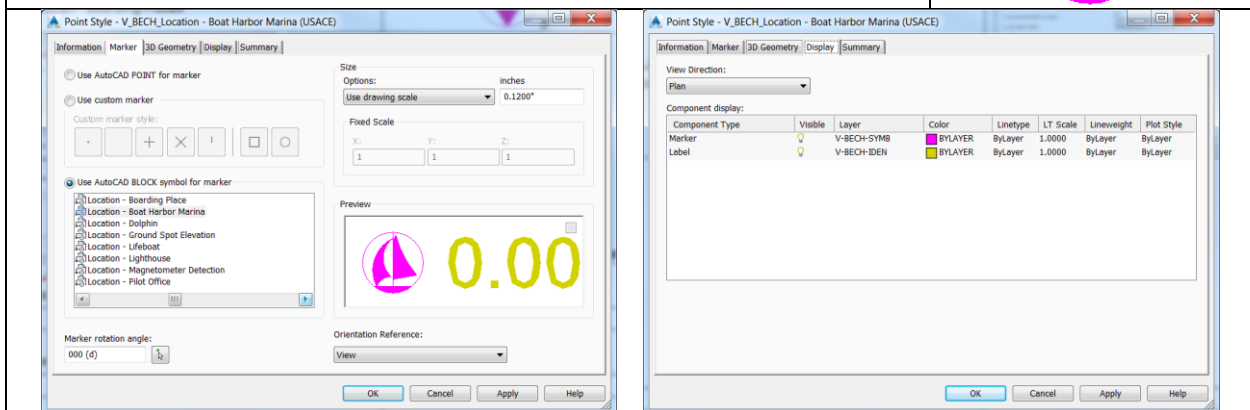
Name: BECH_Location - Boarding Place V_(USACE)

Description: Location - Boarding Place



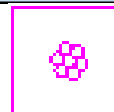
Name: BECH_Location - Boat Harbor Marina V_(USACE)

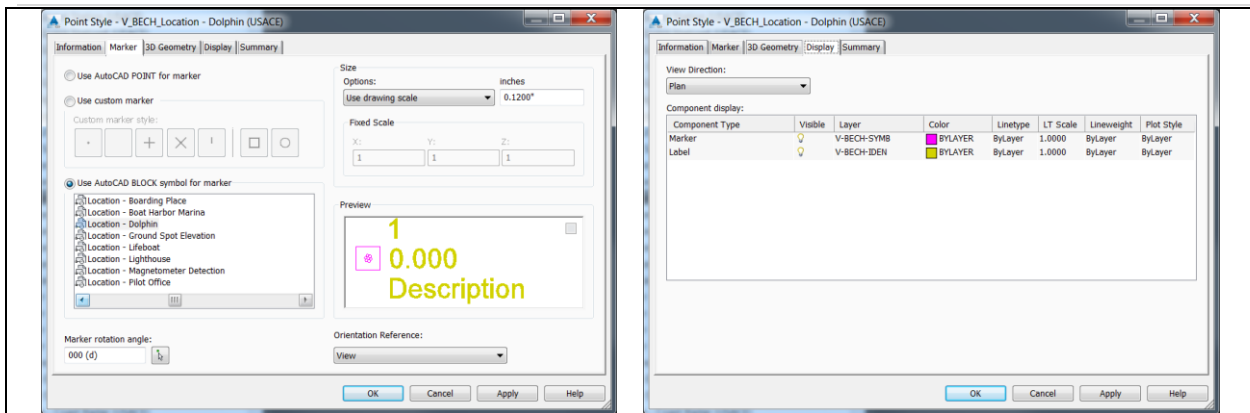
Description: Location - Boat Harbor Marina



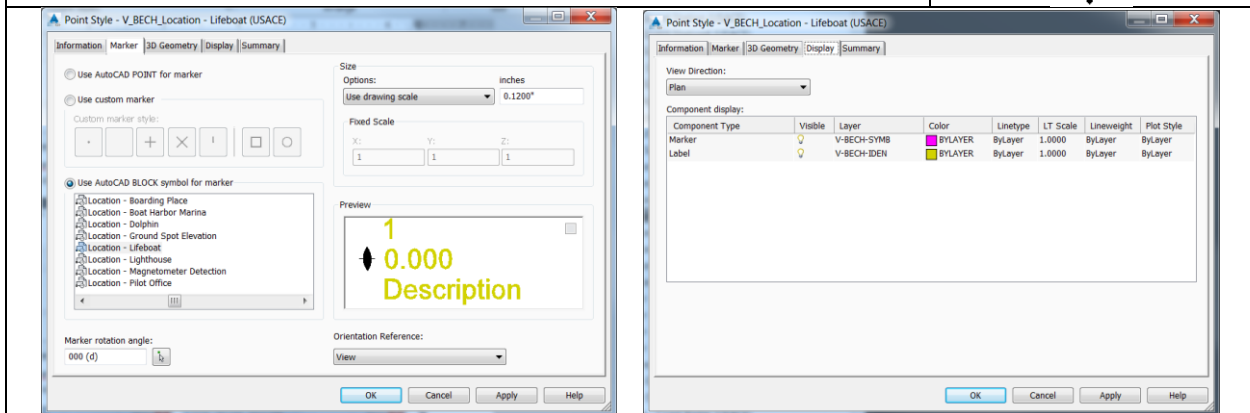
Name: BECH_Location - Dolphin V_(USACE)

Description: Location - Dolphin

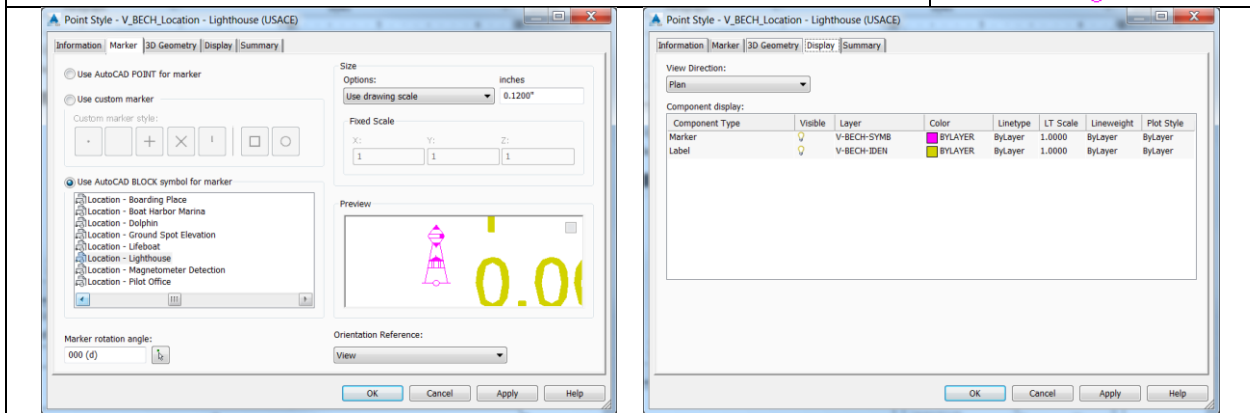




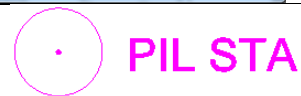
Name: BECH_Location - Lifeboat V_(USACE)
Description: Location - Lifeboat

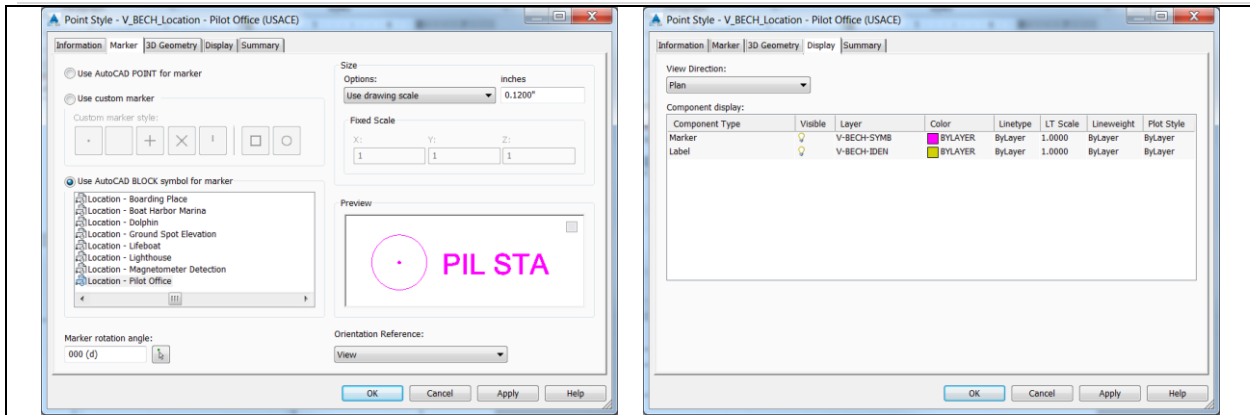


Name: BECH_Location - Lighthouse V_(USACE)
Description: Location - Lighthouse

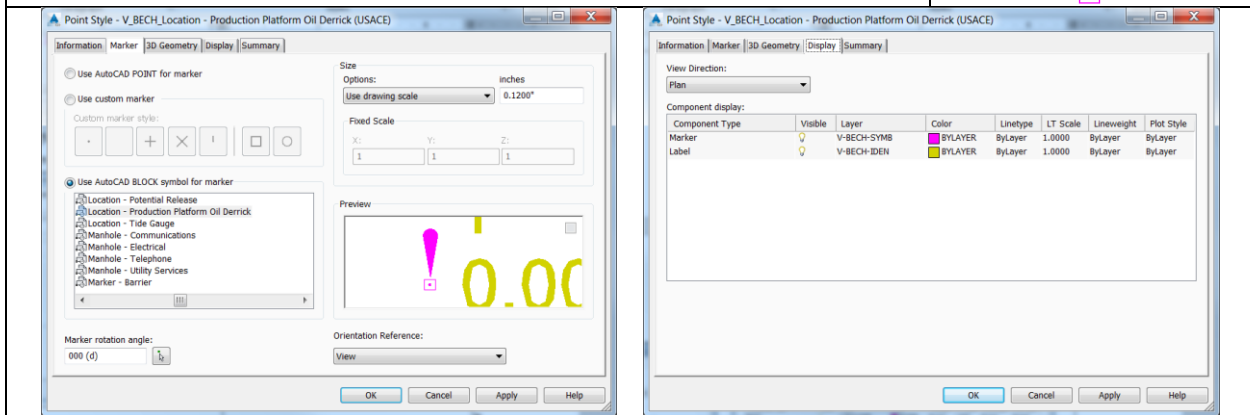


Name: BECH_Location - Pilot Office V_(USACE)
Description: Location - Pilot Office

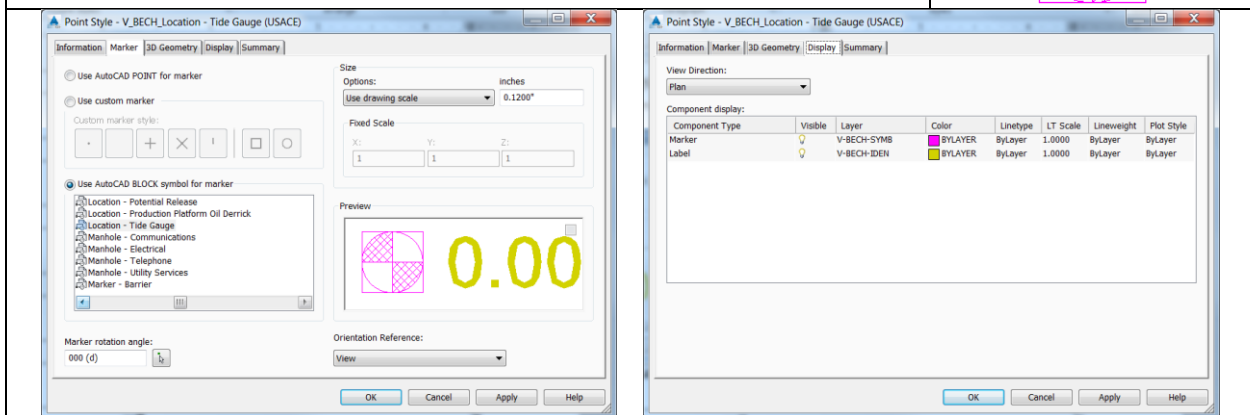
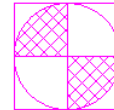




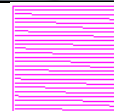
Name: BECH_Location - Production Platform Oil Derrick V_(USACE)
Description: Location - Production Platform Oil Derrick

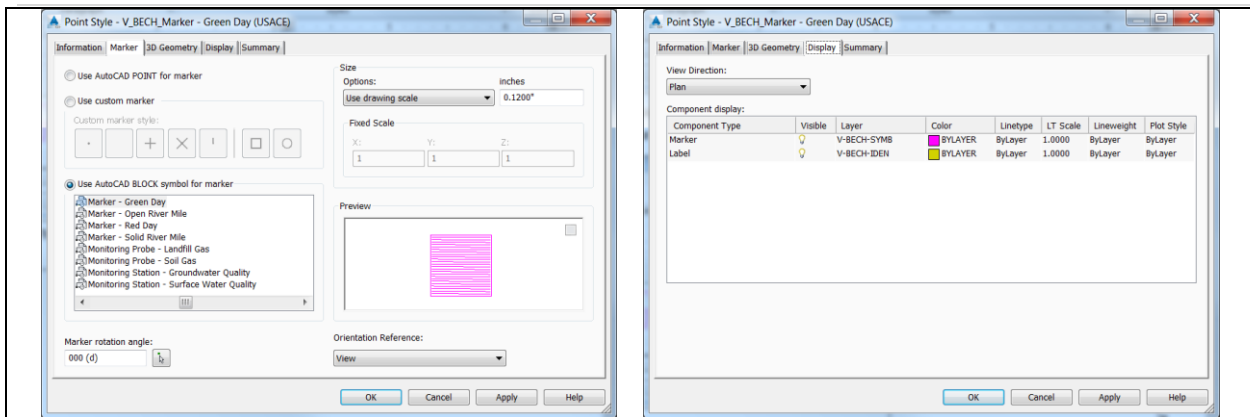


Name: BECH_Location - Tide Gauge V_(USACE)
Description: Location - Tide Gauge

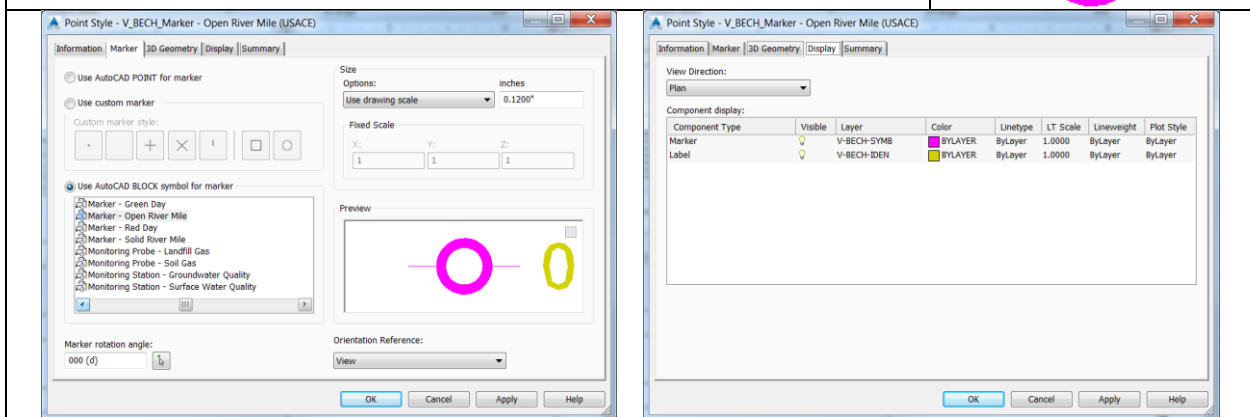


Name: BECH_Marker - Green Day V_(USACE)
Description: Marker - Green Day

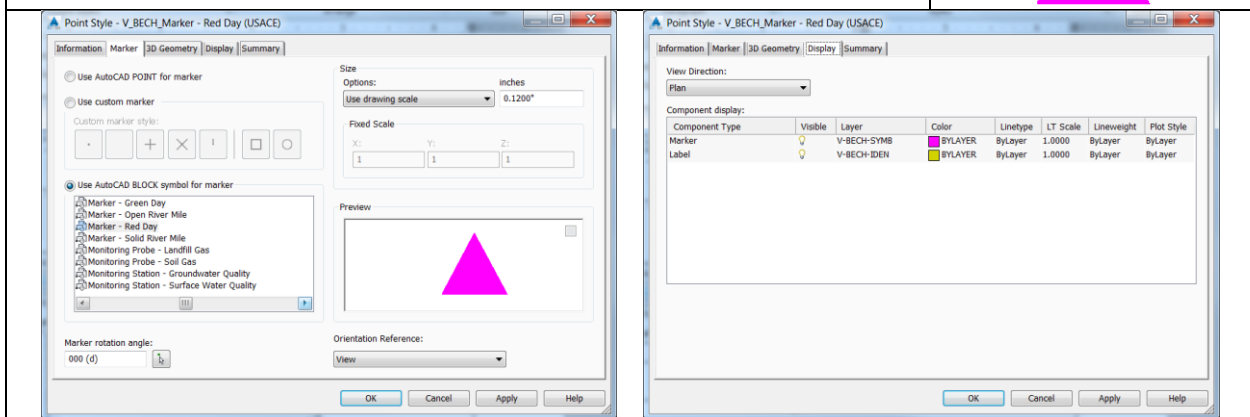




Name: BECH_Marker - Open River Mile V_(USACE)
Description: Marker - Open River Mile

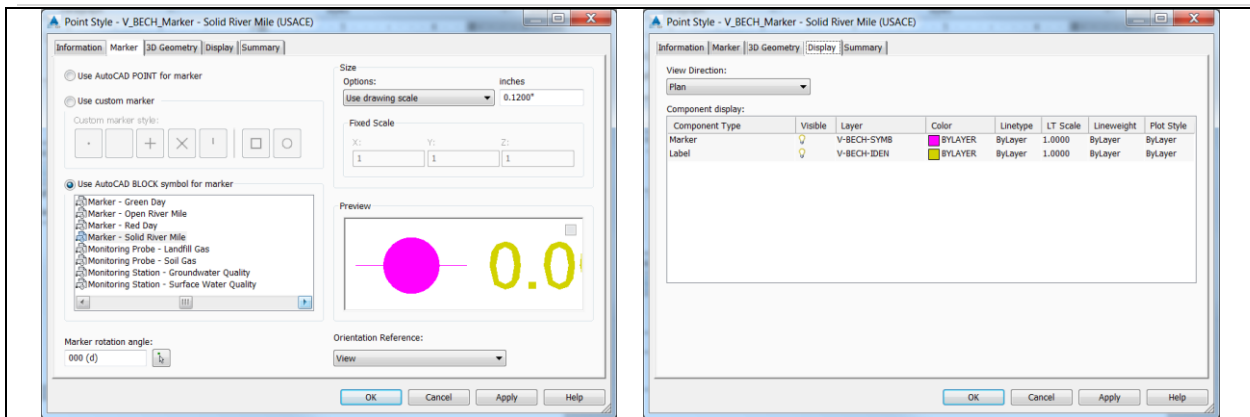


Name: BECH_Marker - Red Day V_(USACE)
Description: Marker - Red Day

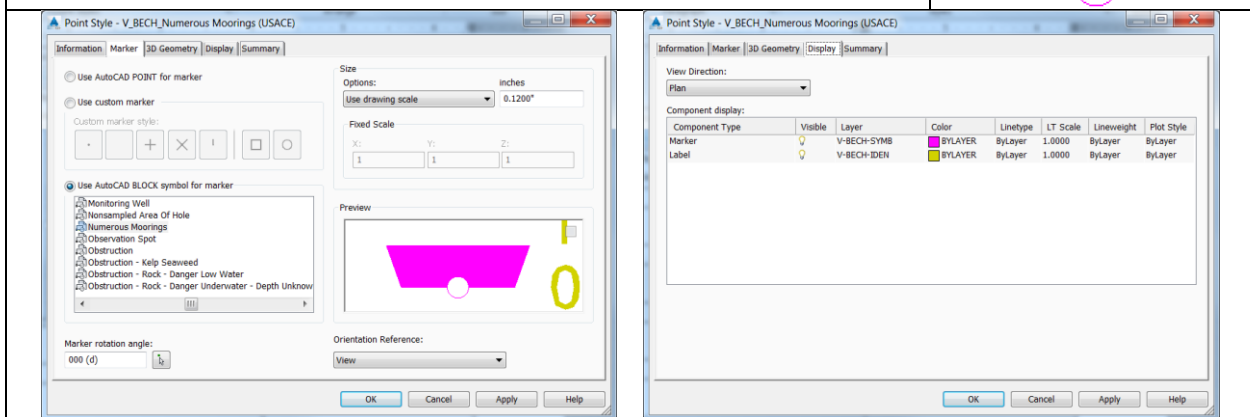


Name: BECH_Marker - Solid River Mile V_(USACE)
Description: Marker - Solid River Mile

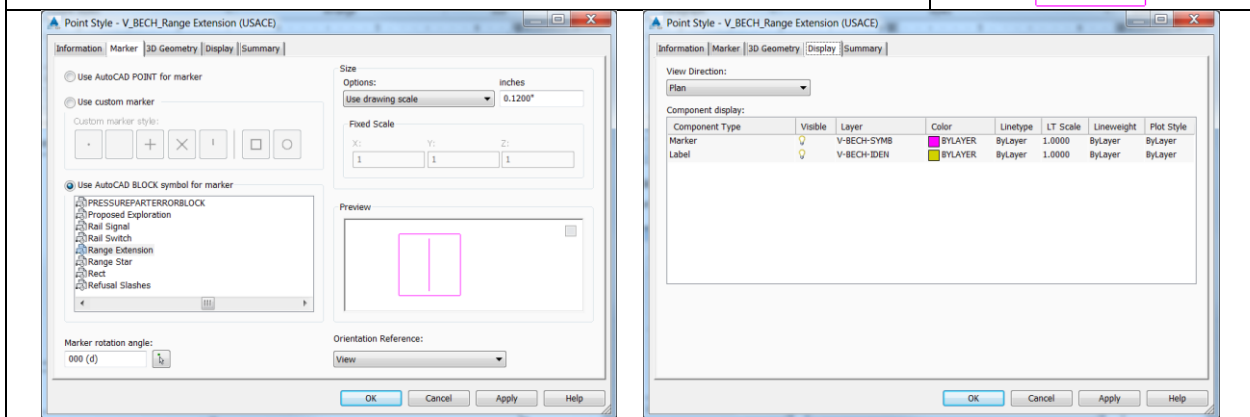




Name: BECH_Numerous Moorings V_(USACE)
Description: Numerous Moorings

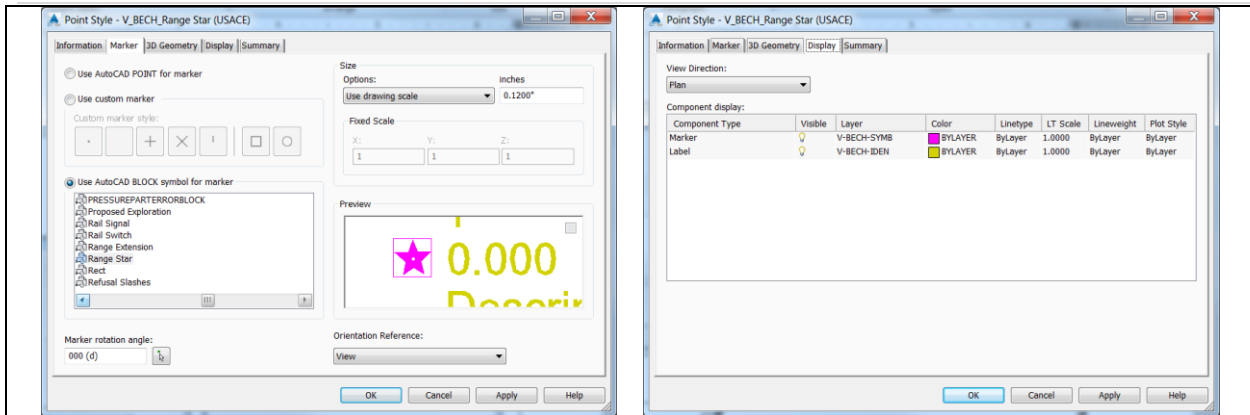


Name: BECH_Range Extension V_(USACE)
Description: Range Extension

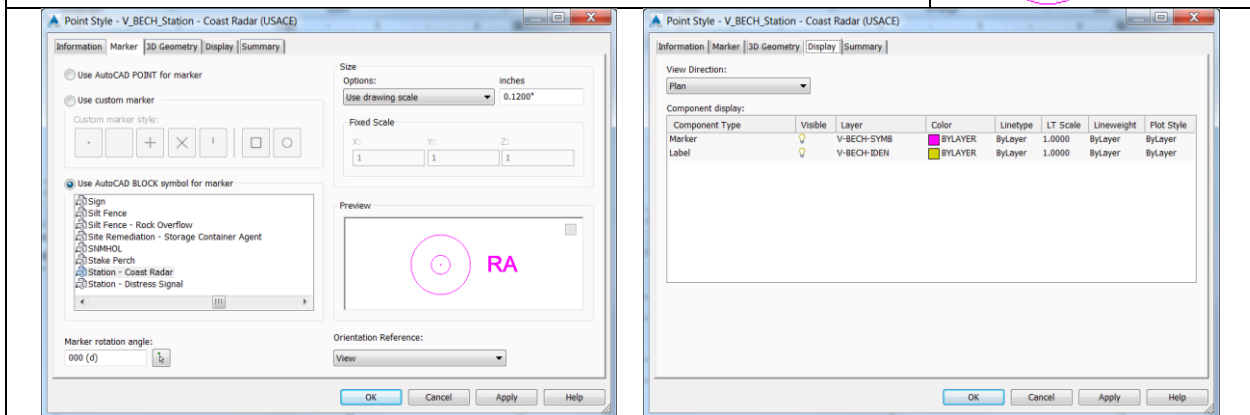


Name: BECH_Range Star V_(USACE)
Description: Range Star

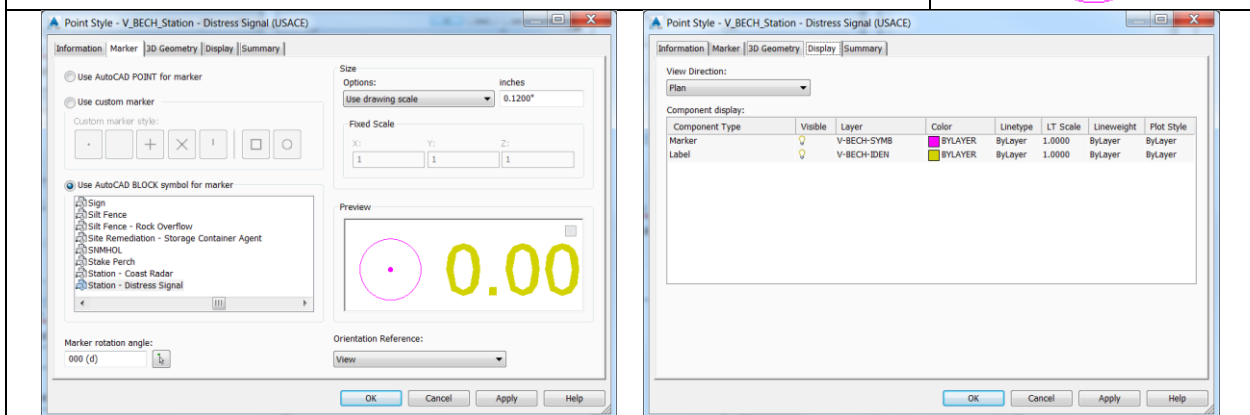
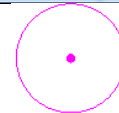




Name: BECH_Station - Coast Radar V_(USACE)
Description: Station - Coast Radar

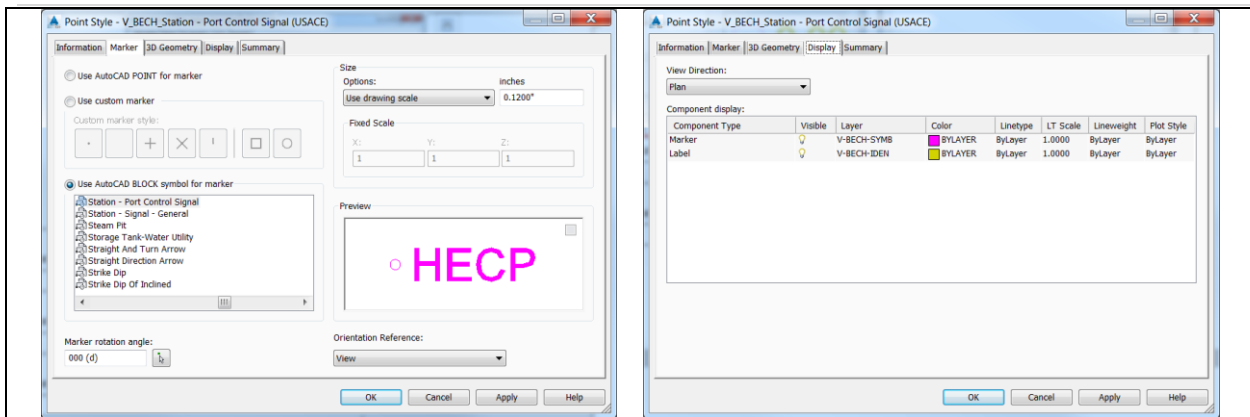


Name: BECH_Station - Distress Signal V_(USACE)
Description: Station - Distress Signal

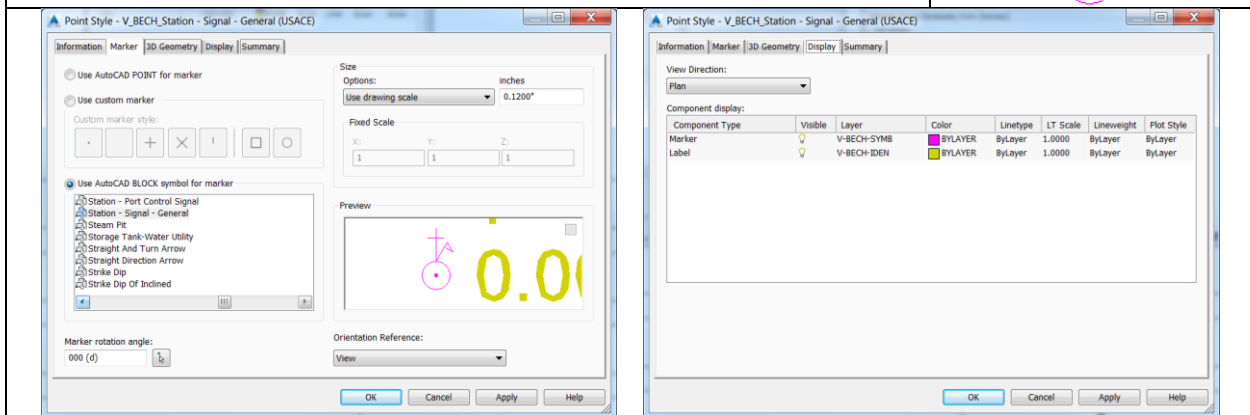


Name: BECH_Station - Port Control Signal V_(USACE)
Description: Station - Port Control Signal

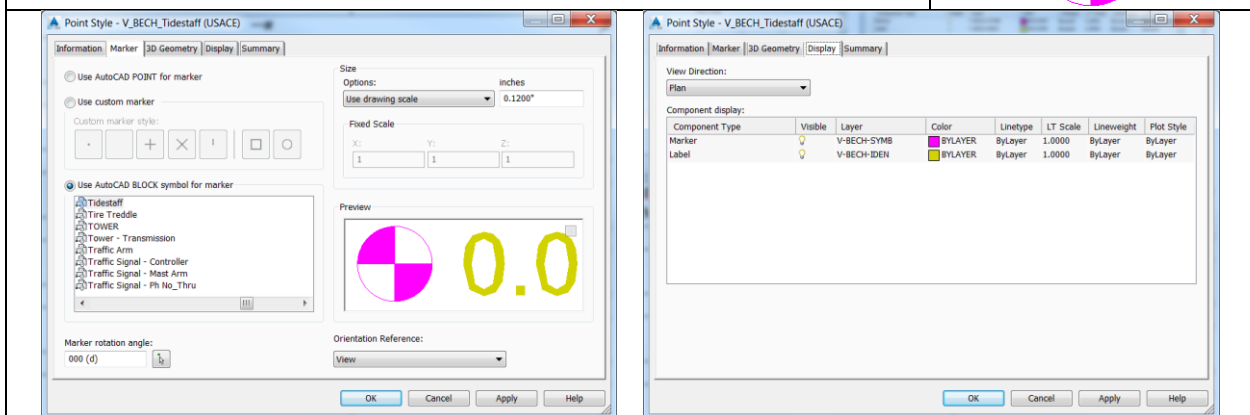




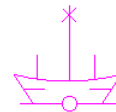
Name: BECH_Station - Signal - General V_(USACE)
Description: Station - Signal - General

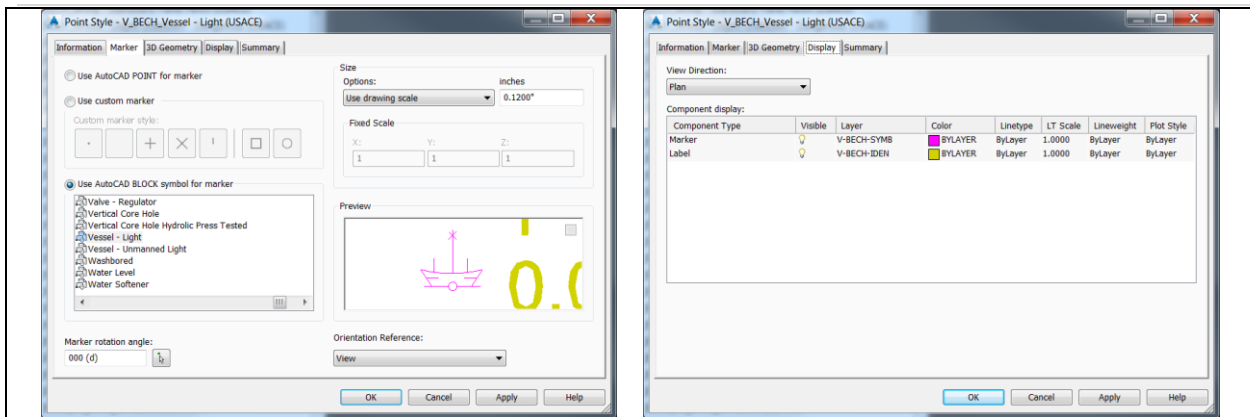


Name: BECH_Tidestaff V_(USACE)
Description: Tidestaff

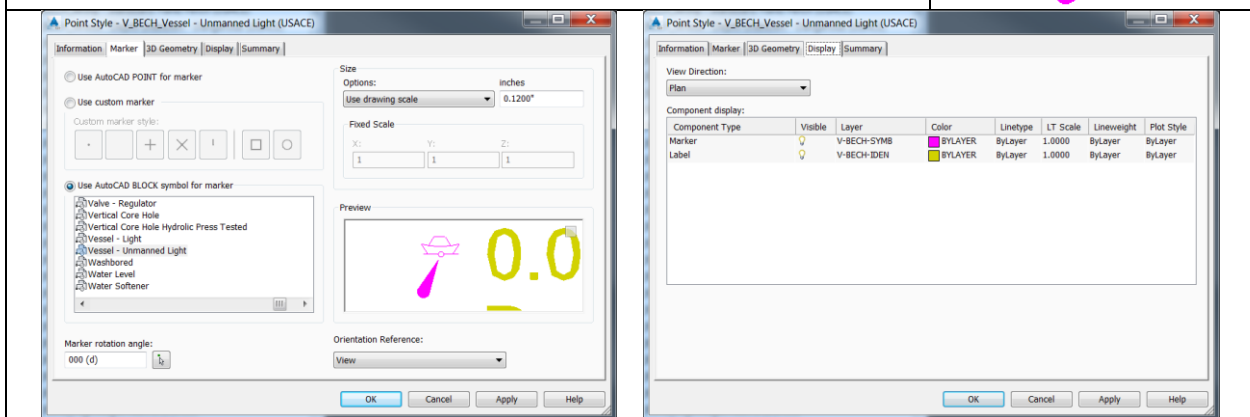


Name: BECH_Vessel - Light V_(USACE)
Description: Vessel - Light

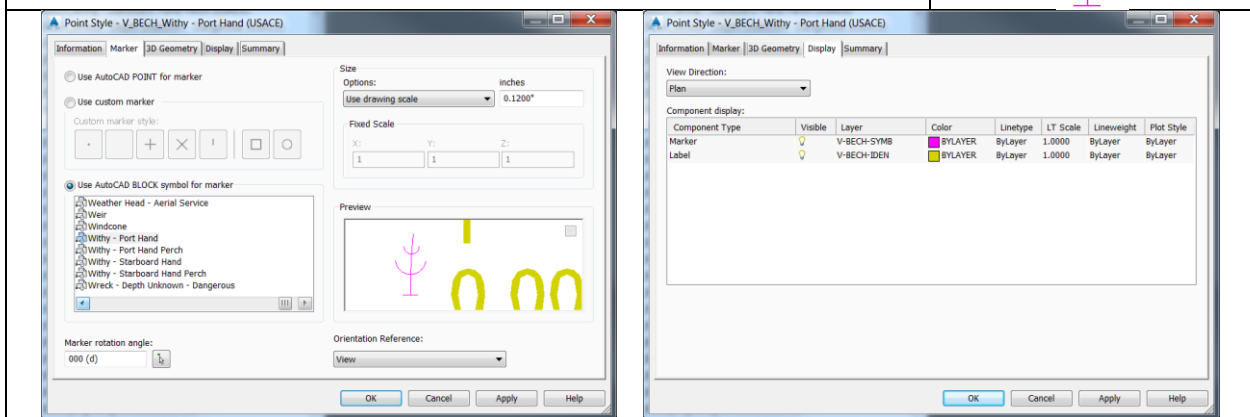




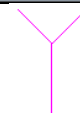
Name: BECH_Vessel - Unmanned Light V_(USACE)
Description: Vessel - Unmanned Light

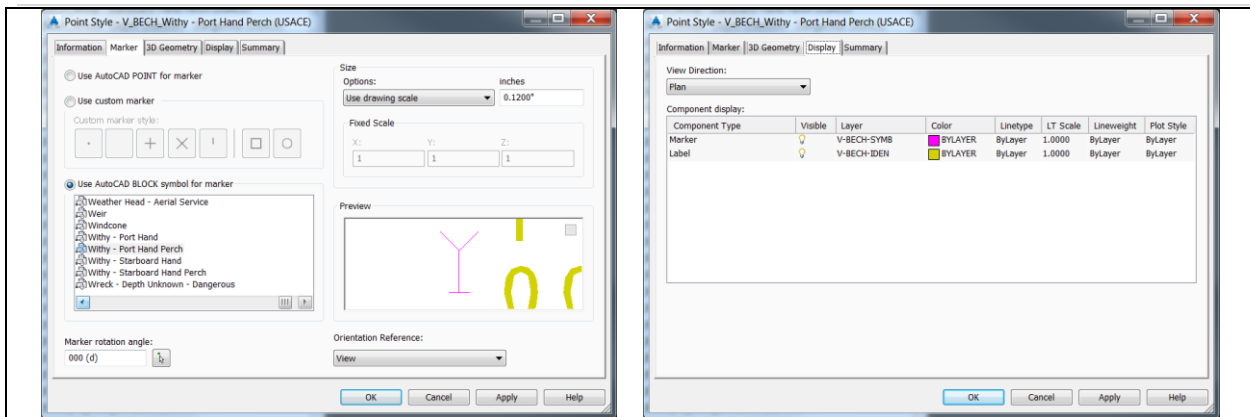


Name: BECH_Withy - Port Hand V_(USACE)
Description: Withy - Port Hand

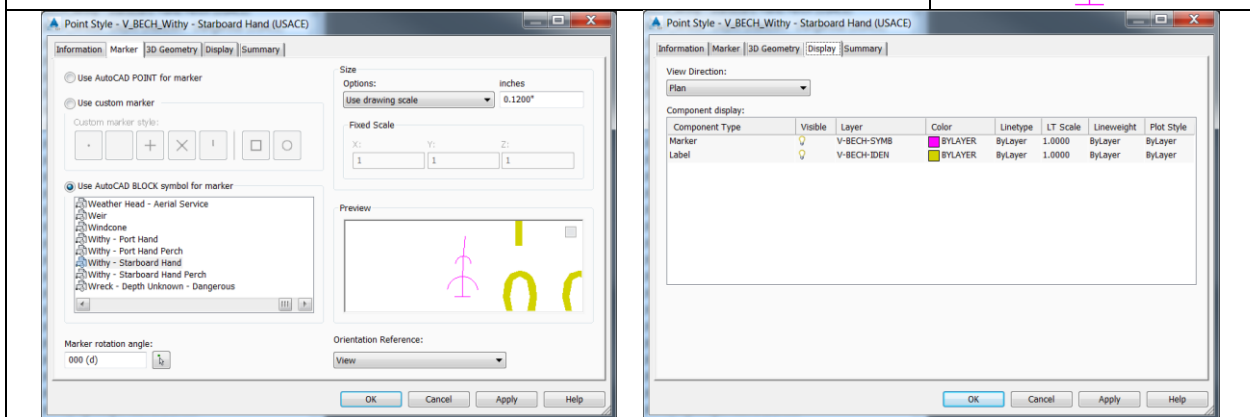


Name: BECH_Withy - Port Hand Perch V_(USACE)
Description: Withy - Port Hand Perch

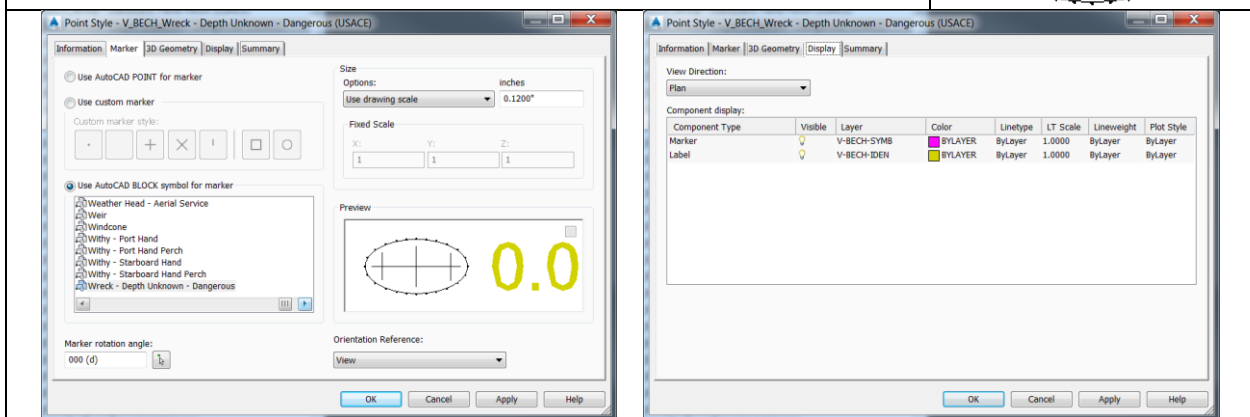
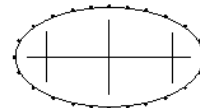




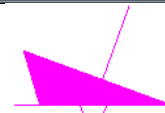
Name: BECH_Withy - Starboard Hand V_(USACE)
Description: Withy - Starboard Hand

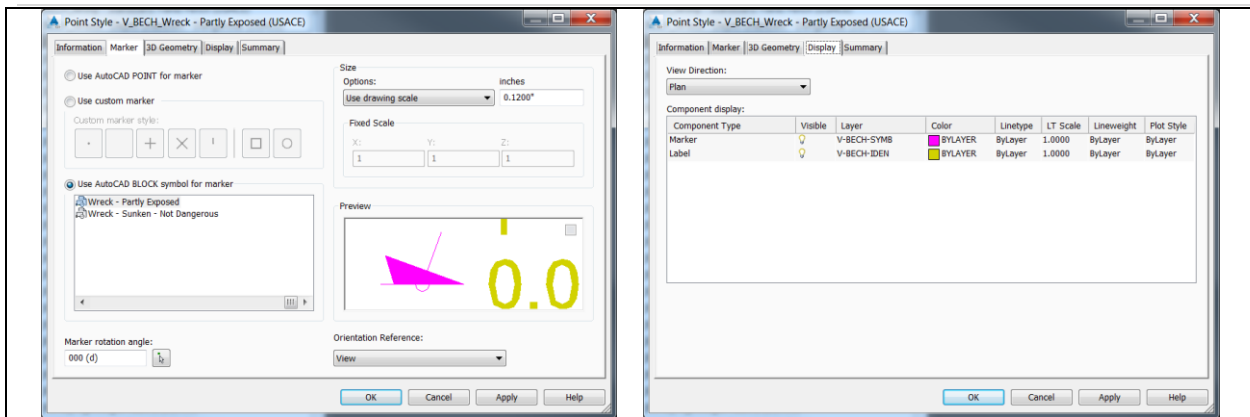


Name: BECH_Wreck - Depth Unknown - Dangerous V_(USACE)
Description: Wreck - Depth Unknown - Dangerous

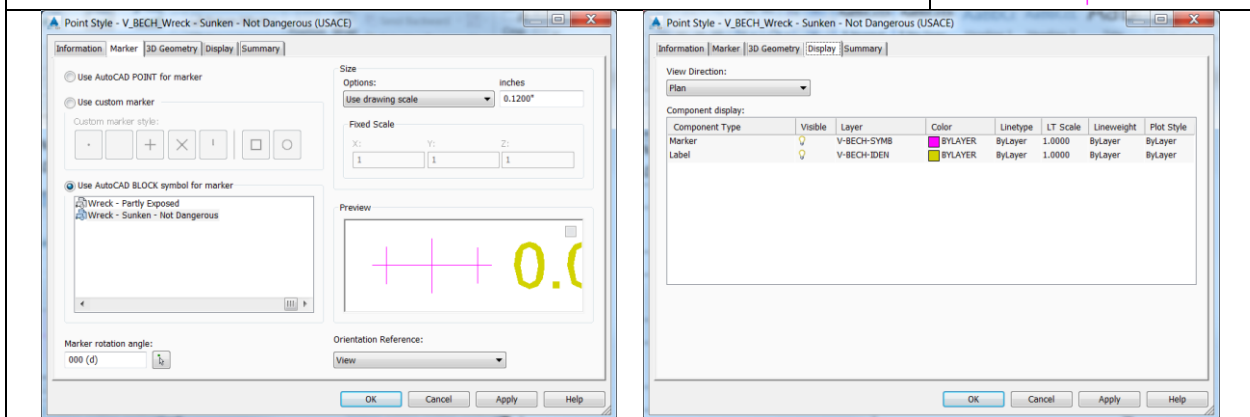
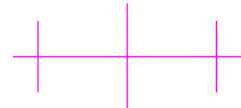


Name: BECH_Wreck - Partly Exposed V_(USACE)
Description: Wreck - Partly Exposed

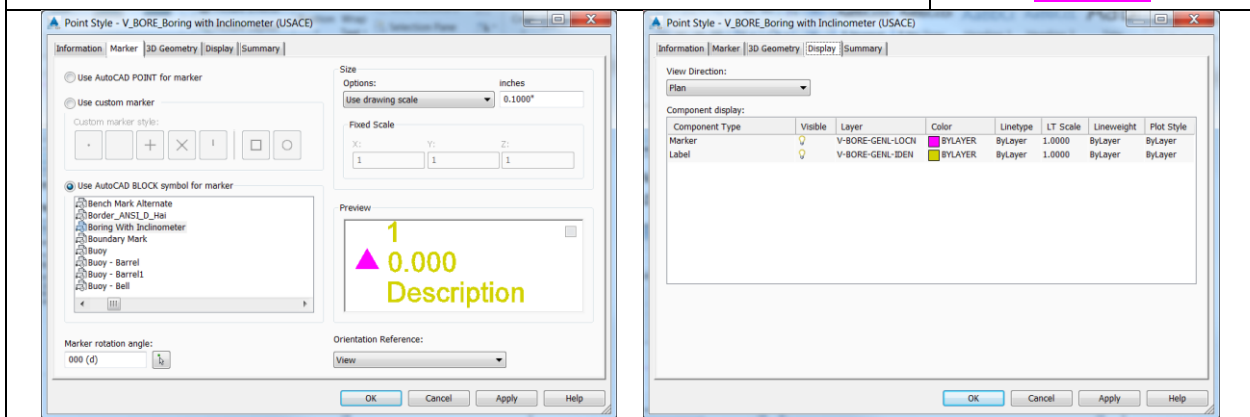




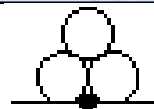
Name: BECH_Wreck - Sunken - Not Dangerous V_(USACE)
Description: Wreck - Sunken - Not Dangerous

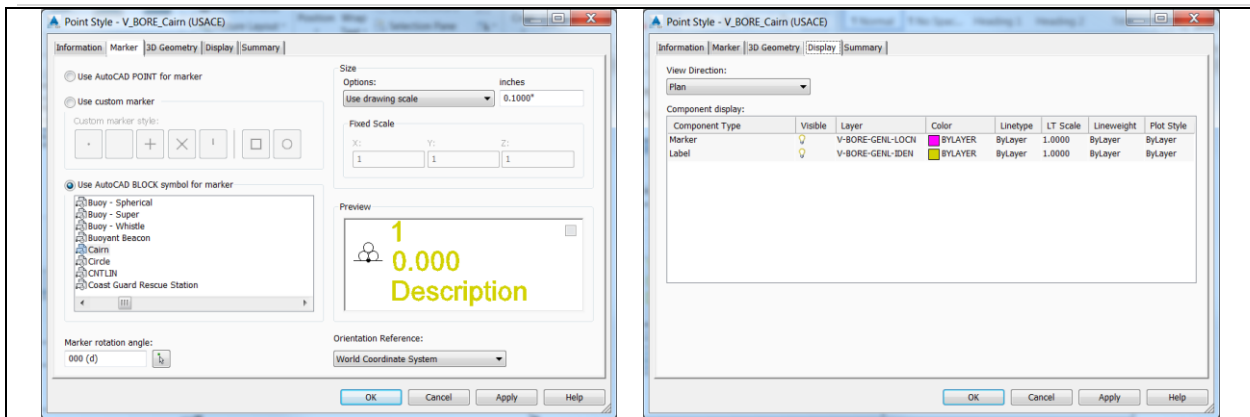


Name: BORE_Boring with Inclinator V_(USACE)
Description: Boring with Inclinator



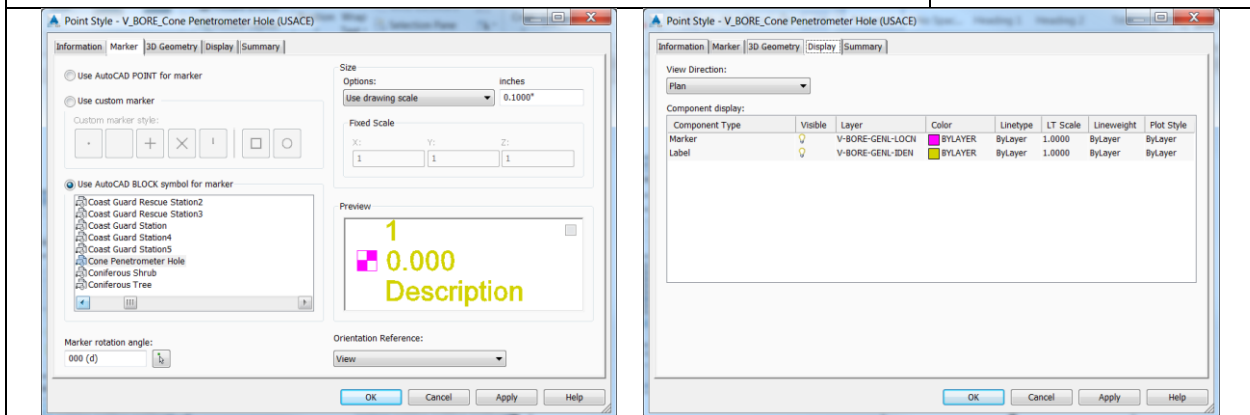
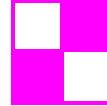
Name: BORE_Cairn V_(USACE)
Description: Cairn





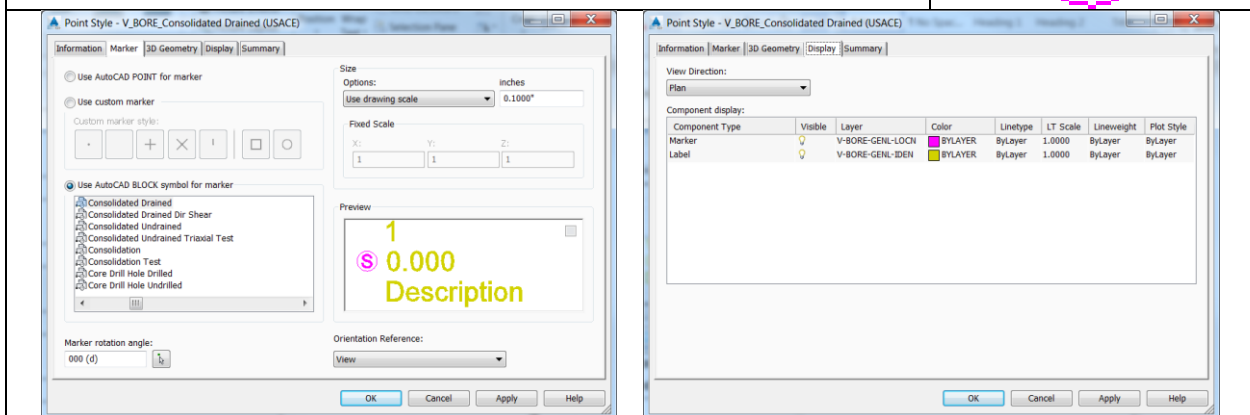
Name: BORE_Cone Penetrometer Hole V_(USACE)

Description: Cone Penetrometer Hole



Name: BORE_Consolidated Drained V_(USACE)

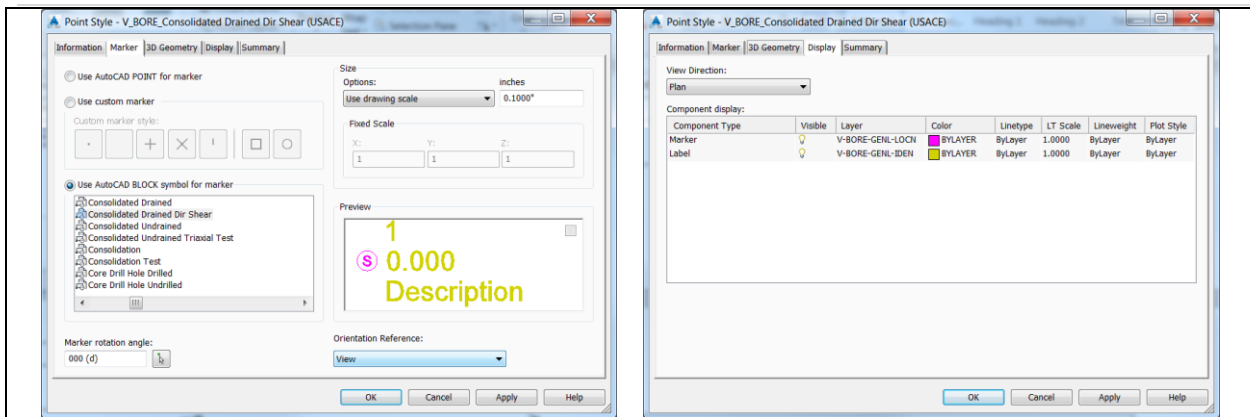
Description: Consolidated Drained



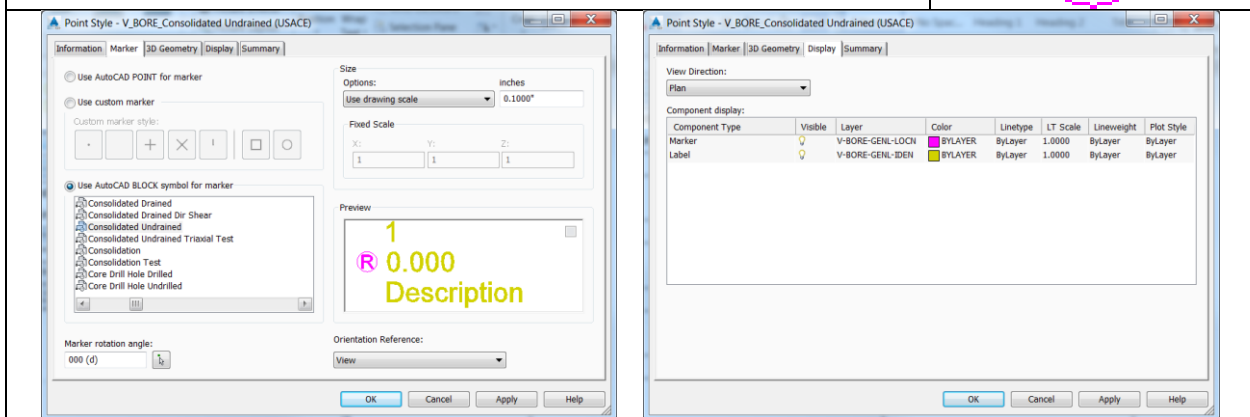
Name: BORE_Consolidated Drained Dir Shear V_(USACE)

Description: Consolidated Drained Dir Shear

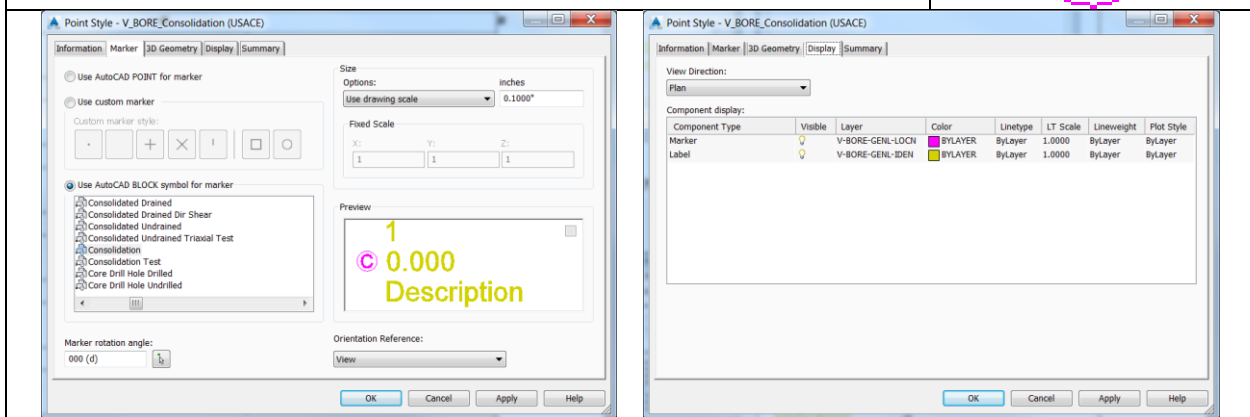




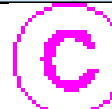
Name: BORE_Consolidated Undrained V_(USACE)
Description: Consolidated Undrained

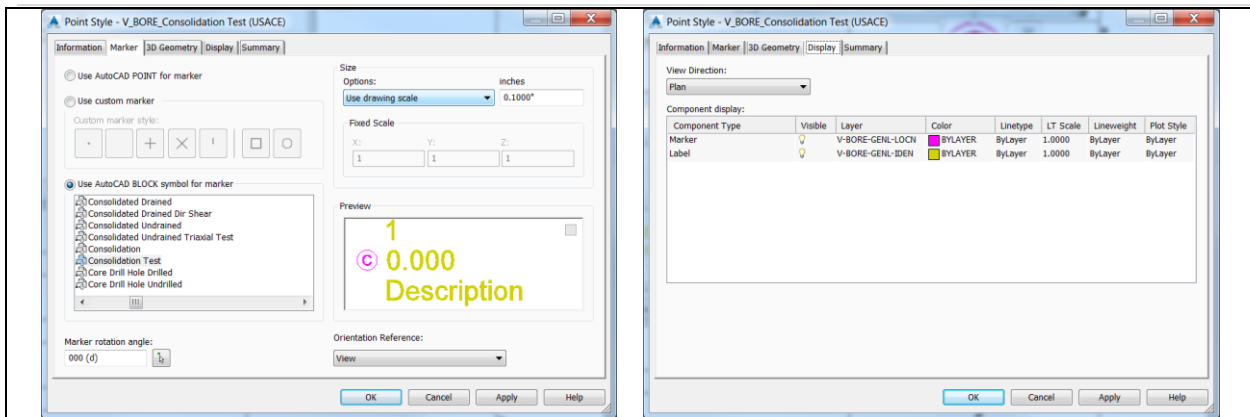


Name: BORE_Consolidation V_(USACE)
Description: Consolidation



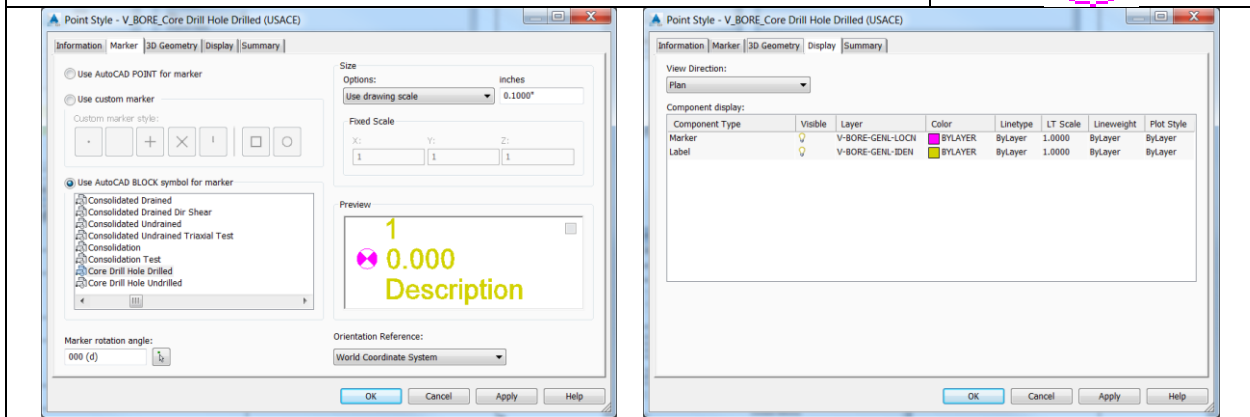
Name: BORE_Consolidation Test V_(USACE)
Description: Consolidation Test





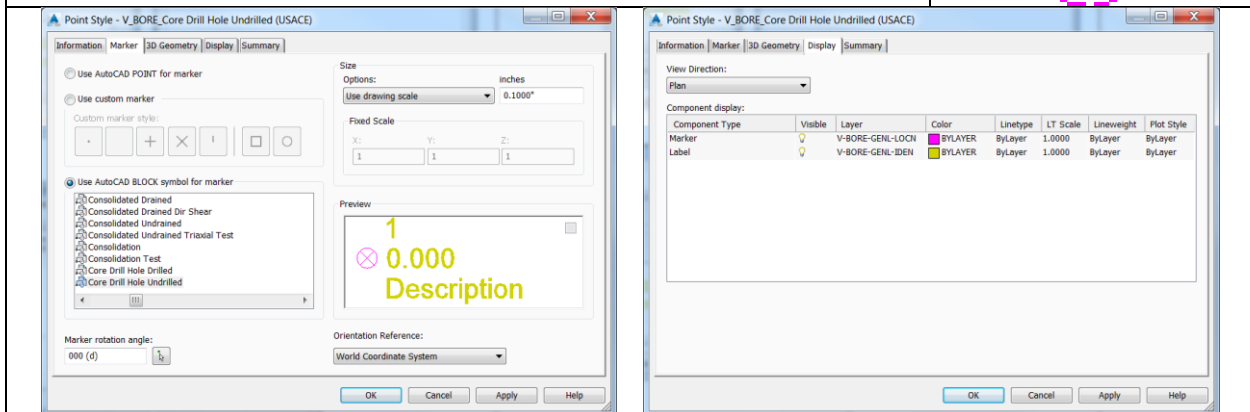
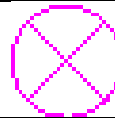
Name: BORE_Core Drill Hole Drilled V_(USACE)

Description: Core Drill Hole Drilled



Name: BORE_Core Drill Hole Undrilled V_(USACE)

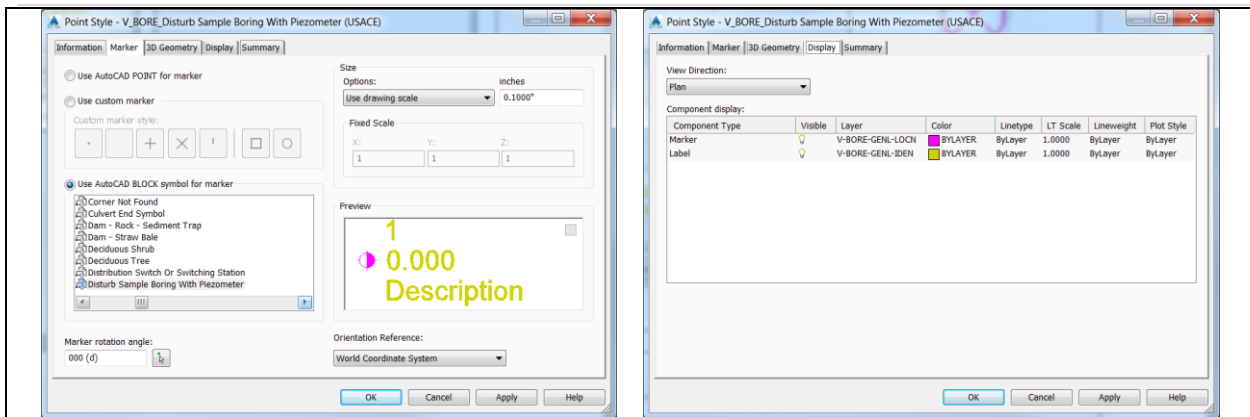
Description: Core Drill Hole Undrilled



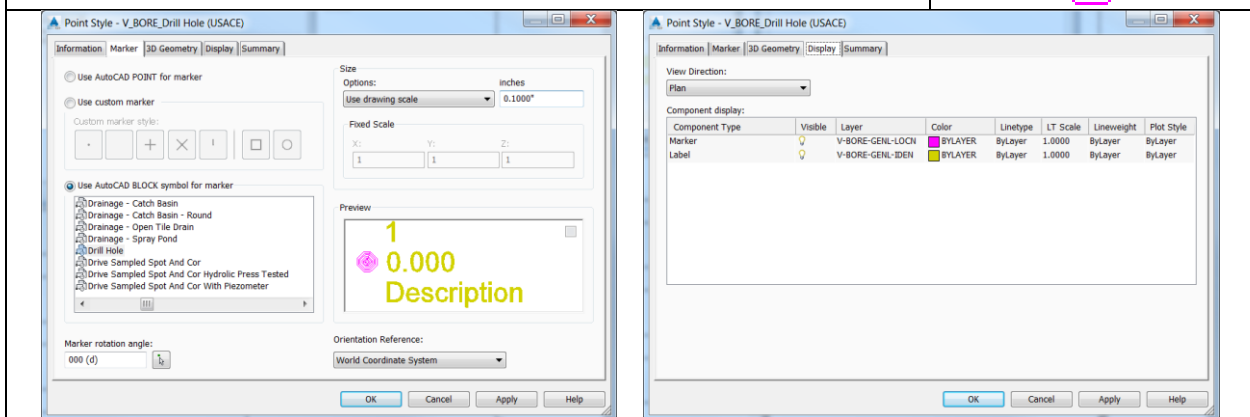
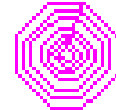
Name: BORE_Disturb Sample Boring With Piezometer V_(USACE)

Description: Disturb Sample Boring With Piezometer

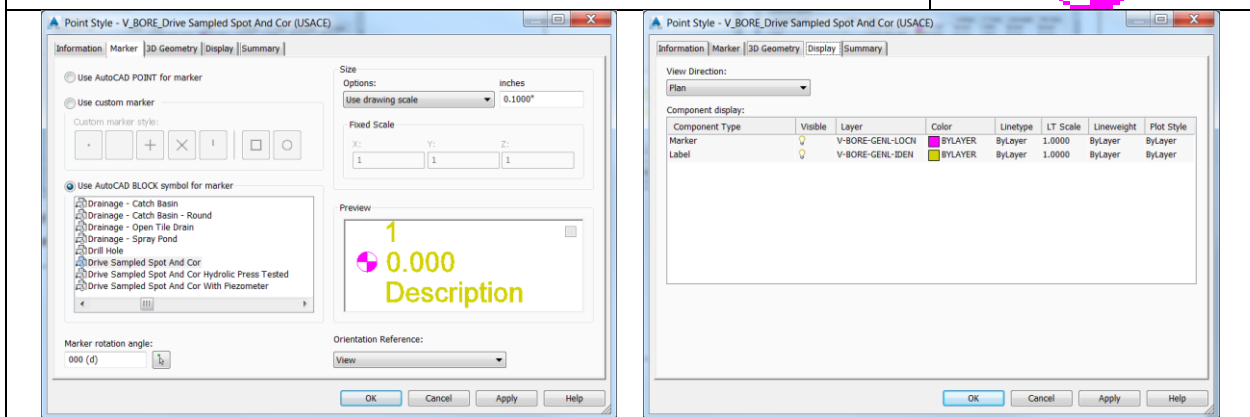




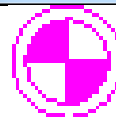
Name: BORE_Drill Hole V_(USACE)
Description: Core Drill

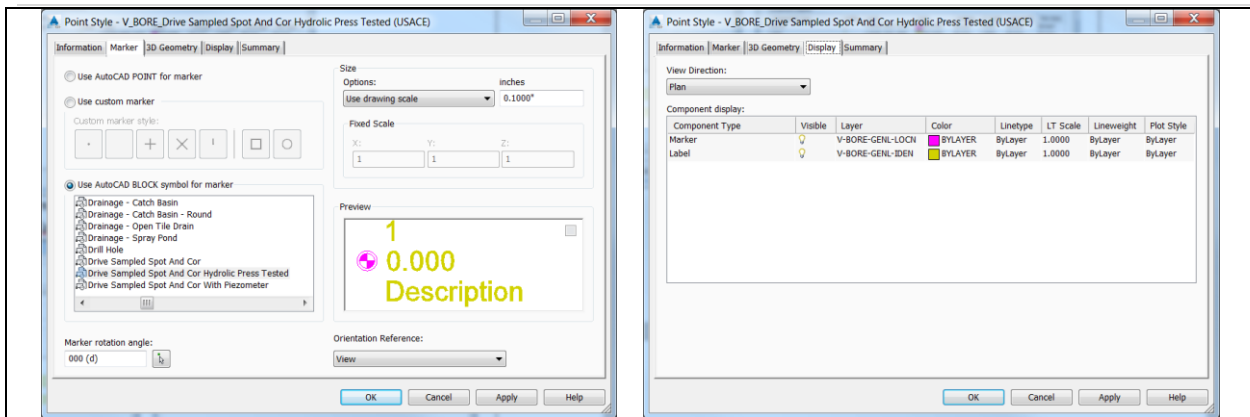


Name: BORE_Drive Sampled Spot And Cor V_(USACE)
Description: Drive Sampled Spot And Cor

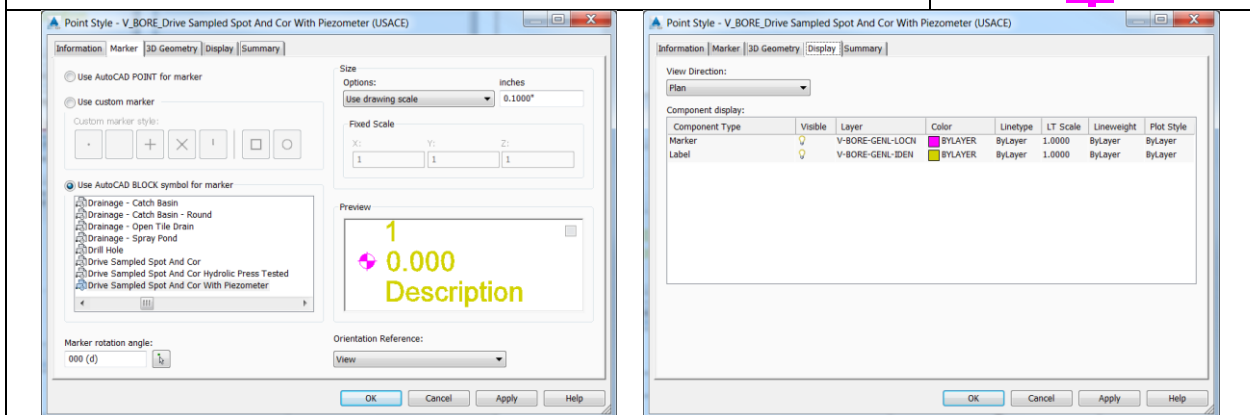
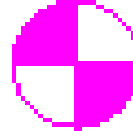


Name: BORE_Drive Sampled Spot And Cor Hydraulic Press Tested V_(USACE)
Description: Drive Sampled Spot And Cor Hydraulic Press Tested

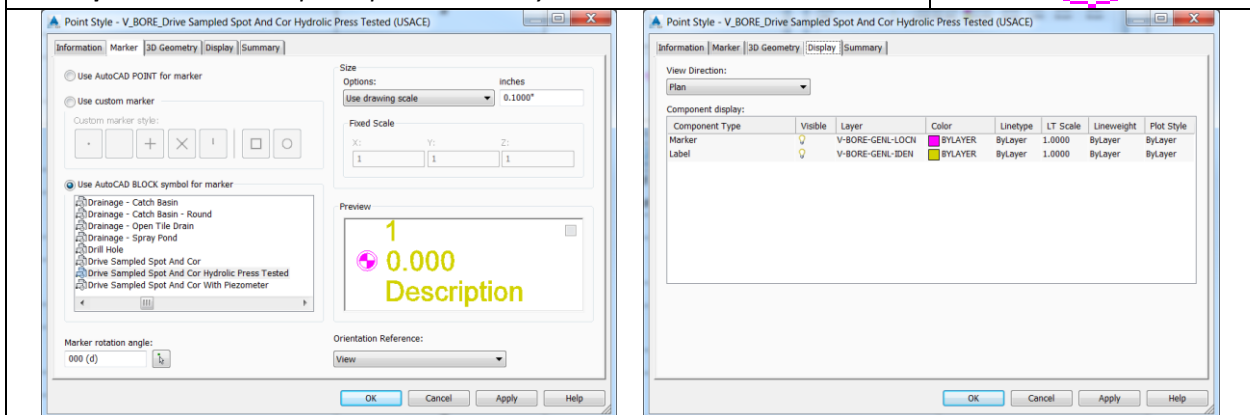




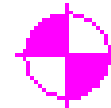
Name: BORE_Drive Sampled Spot And Cor With Piezometer V_(USACE)
Description: Drive Sampled Spot And Cor With Piezometer

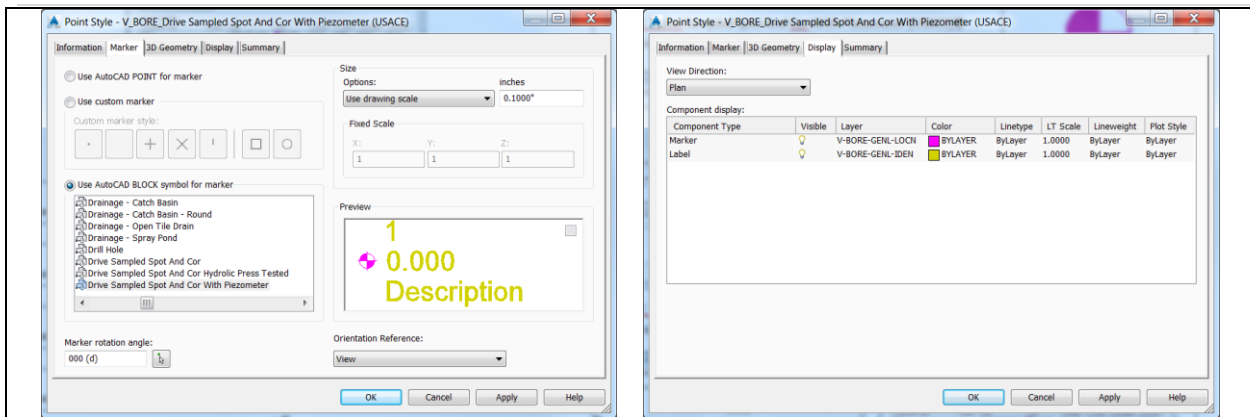


Name: BORE_Drive Sampled Spot And Cor Hydraulic Press Tested V_(USACE)
Description: Drive Sampled Spot And Cor Hydraulic Press Tested



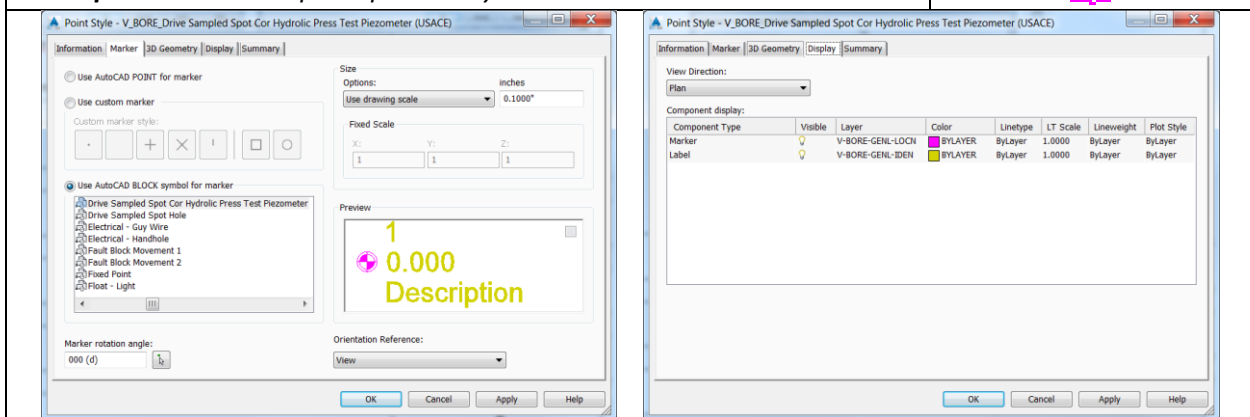
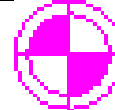
Name: BORE_Drive Sampled Spot And Cor With Piezometer V_(USACE)
Description: Drive Sampled Spot And Cor With Piezometer





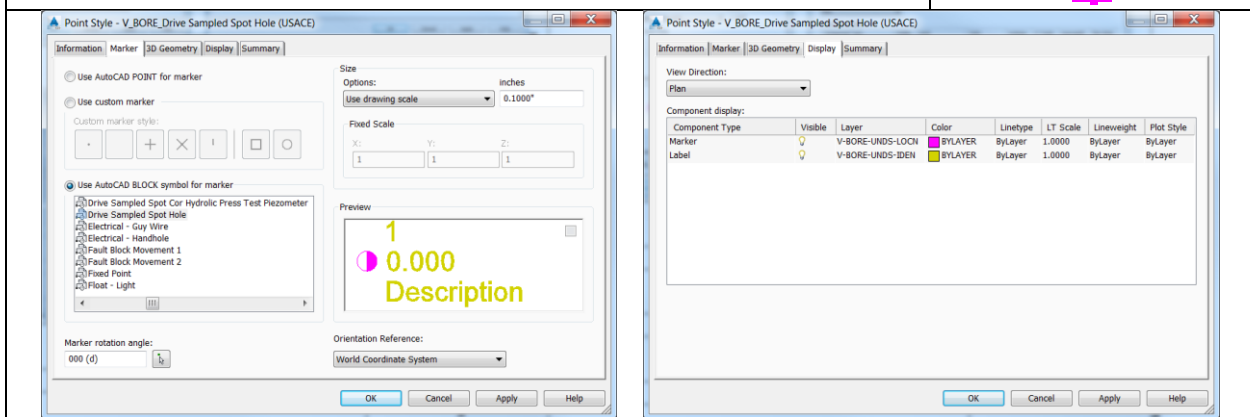
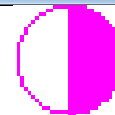
Name: BORE_Drive Sampled Spot Cor Hydraulic Press Test Piezometer V_(USACE)

Description: Drive Sampled Spot Cor Hydraulic Press Test Piezometer



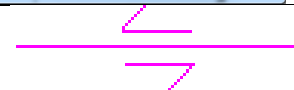
Name: BORE_Drive Sampled Spot Hole V_(USACE)

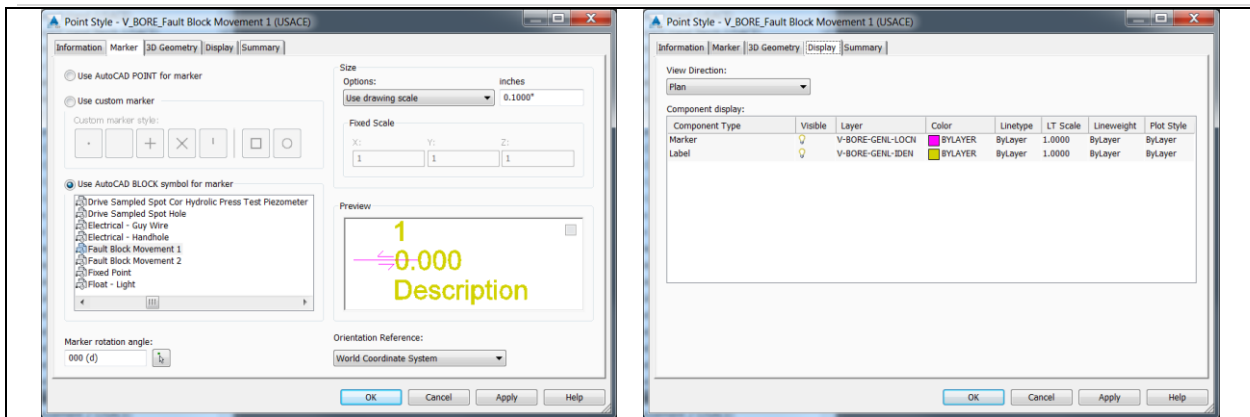
Description: Drive Sampled Spot Hole



Name: BORE_Fault Block Movement 1 V_(USACE)

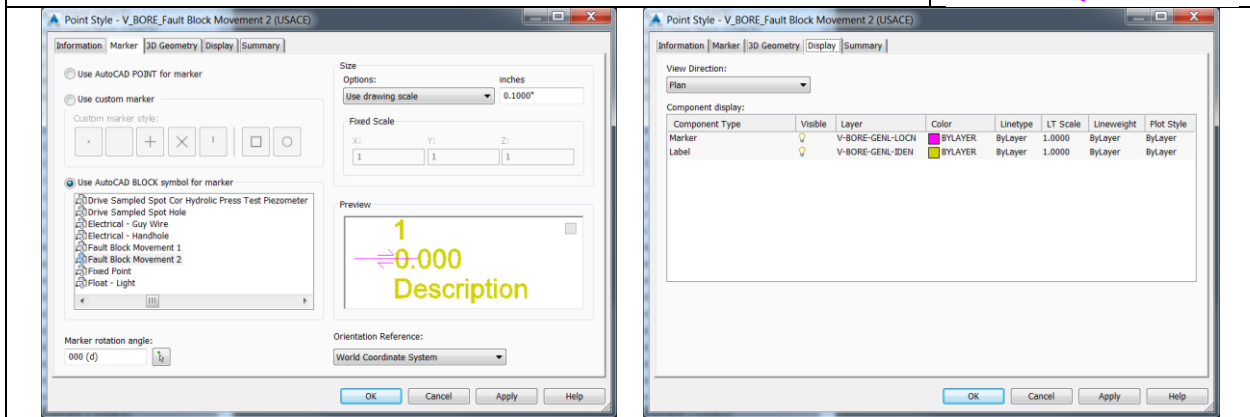
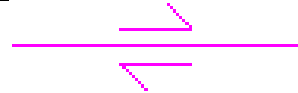
Description: Fault Block Movement 1





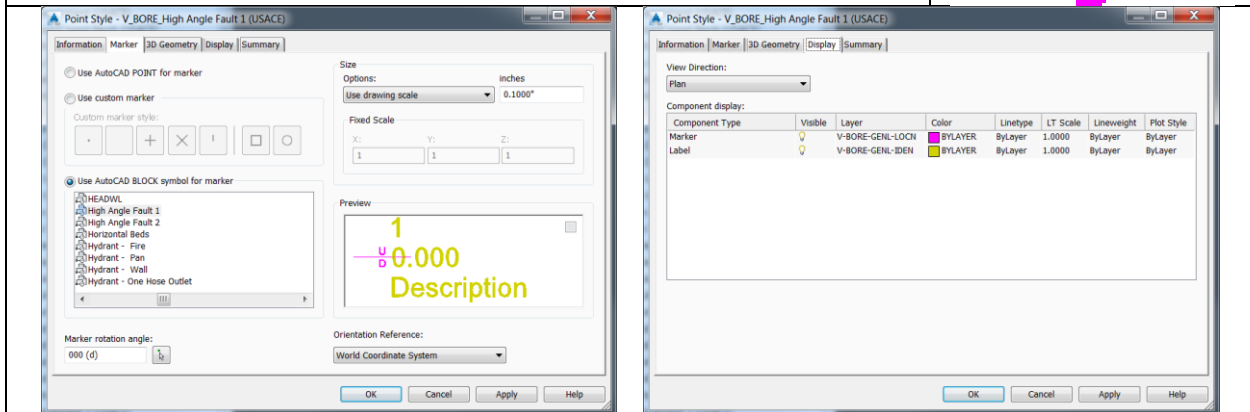
Name: BORE_Fault Block Movement 2 V_(USACE)

Description: Fault Block Movement 2



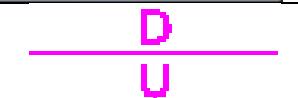
Name: BORE_High Angle Fault 1 (USACE)

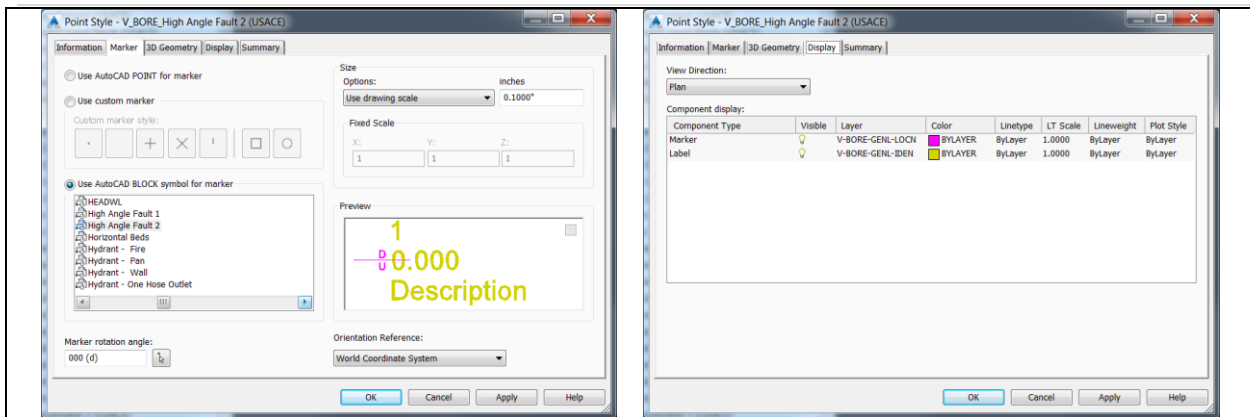
Description: High Angle Fault 1



Name: BORE_High Angle Fault 2 V_(USACE)

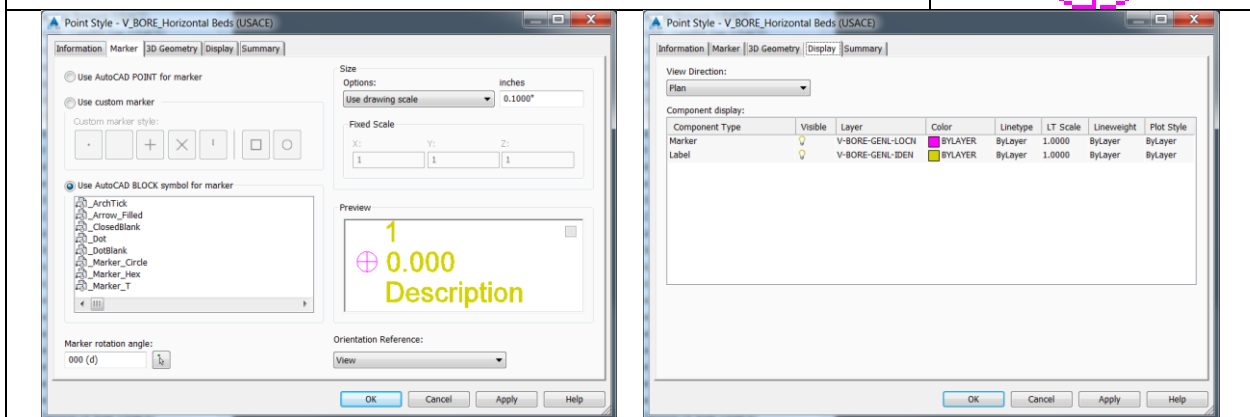
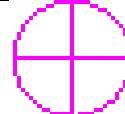
Description: High Angle Fault 2





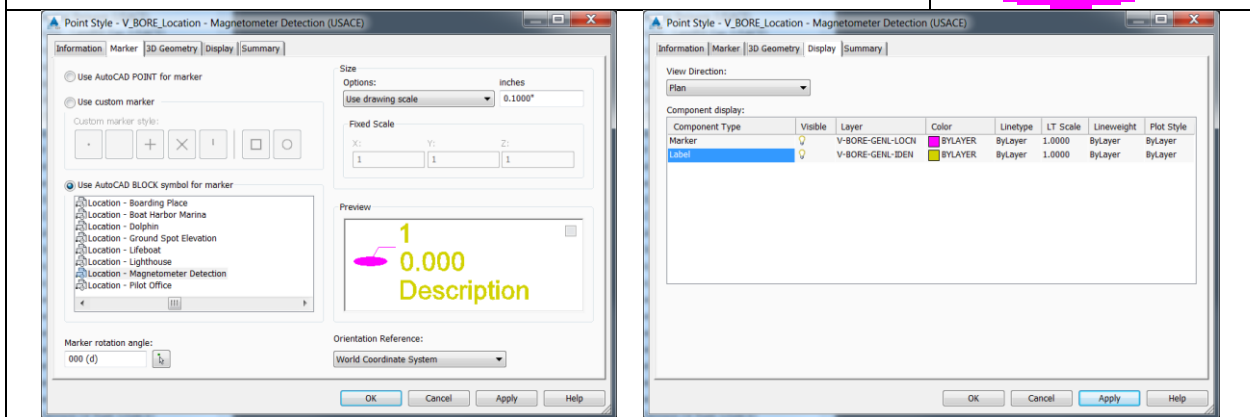
Name: BORE_Horizontal Beds V_(USACE)

Description: Horizontal Beds



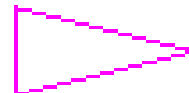
Name: BORE_Location - Magnetometer Detection V_(USACE)

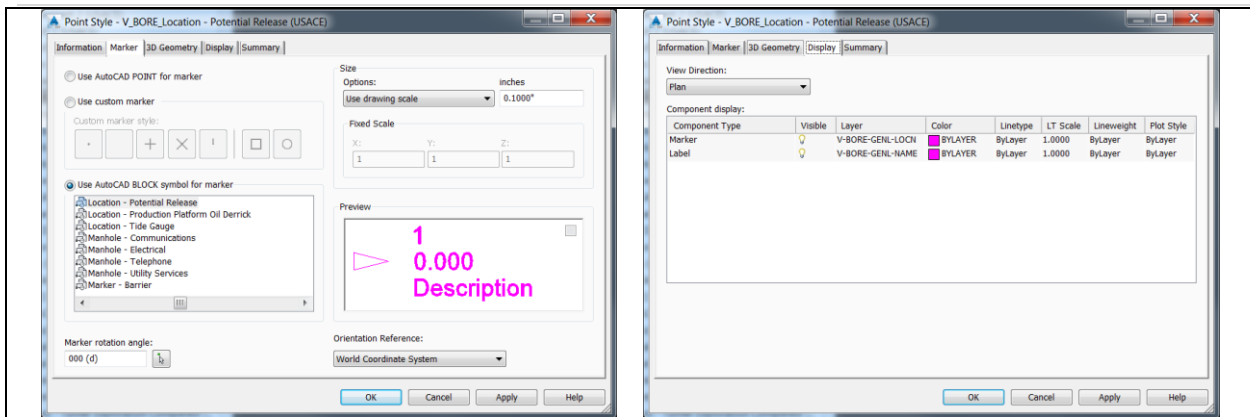
Description: Location - Magnetometer Detection



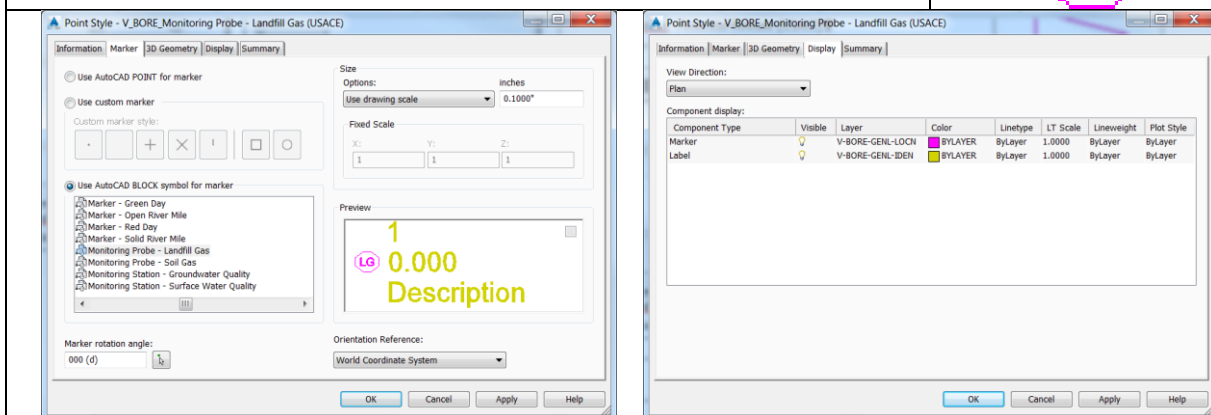
Name: BORE_Location - Potential Release V_(USACE)

Description: Location - Potential Release

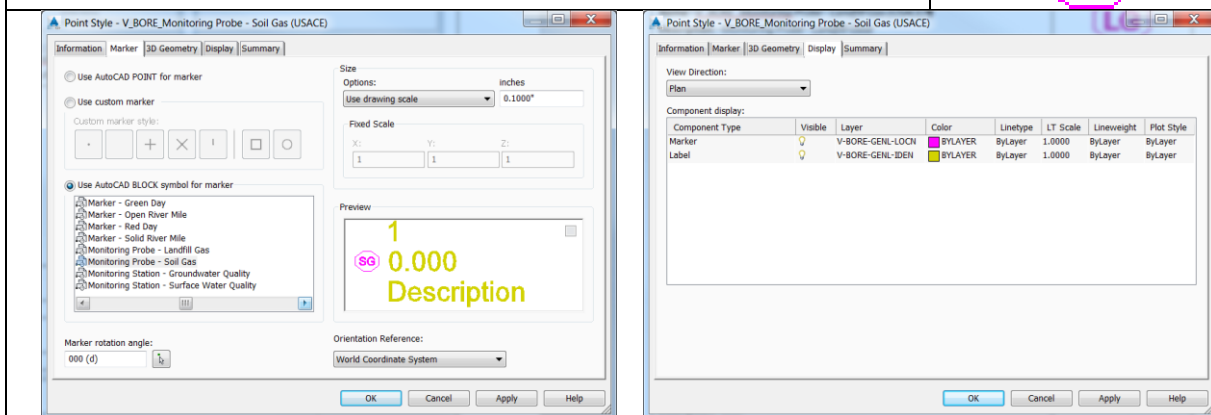




Name: BORE_Monitoring Probe - Landfill Gas V_(USACE)
Description: Monitoring Probe - Landfill Gas

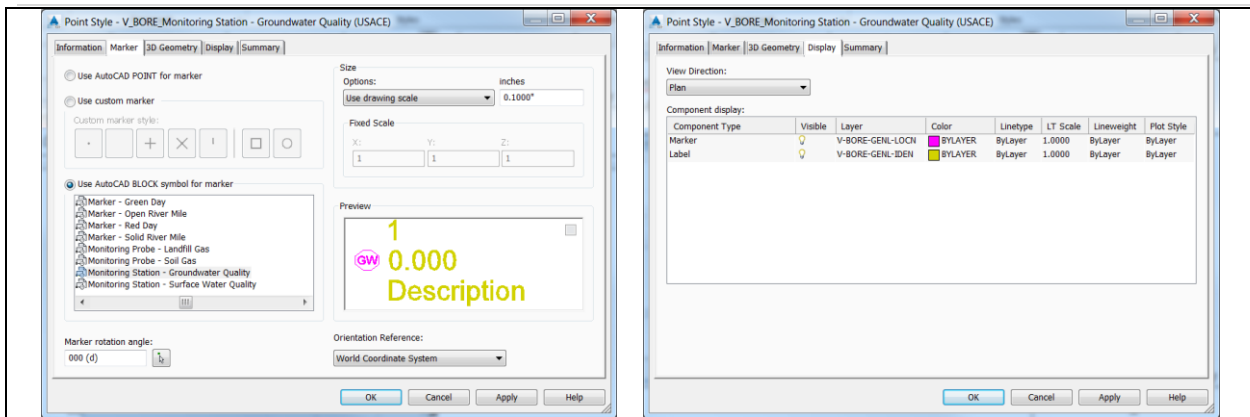


Name: BORE_Monitoring Probe - Soil Gas V_(USACE)
Description: Monitoring Probe - Soil Gas

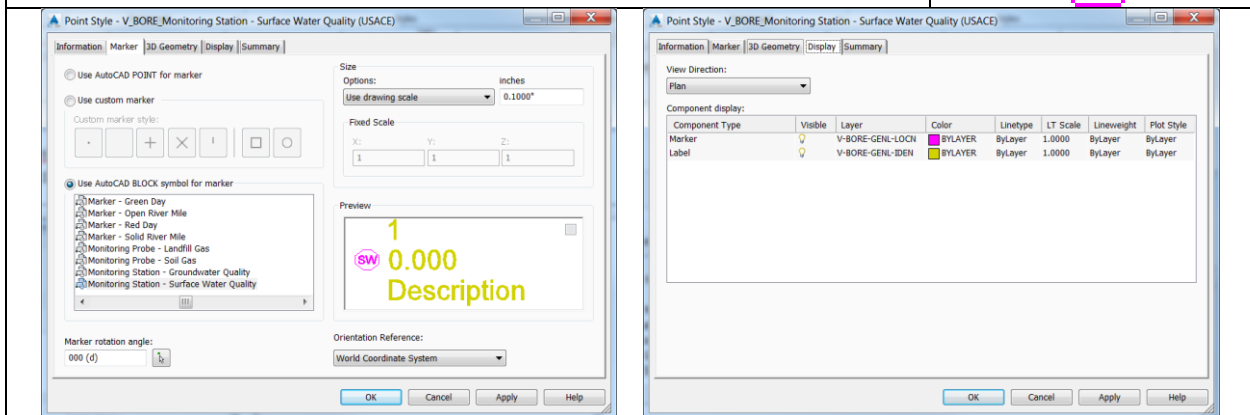
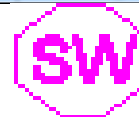


Name: BORE_Monitoring Station - Groundwater Quality V_(USACE)
Description: Monitoring Station - Groundwater Quality

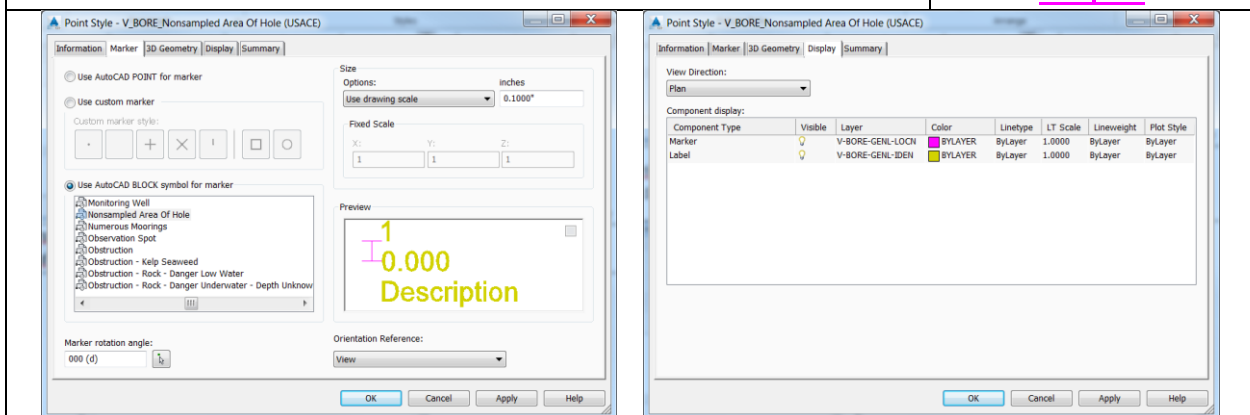
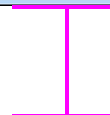




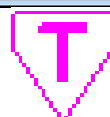
Name: BORE_Monitoring Station - Surface Water Quality V_(USACE)
Description: Monitoring Station - Surface Water Quality

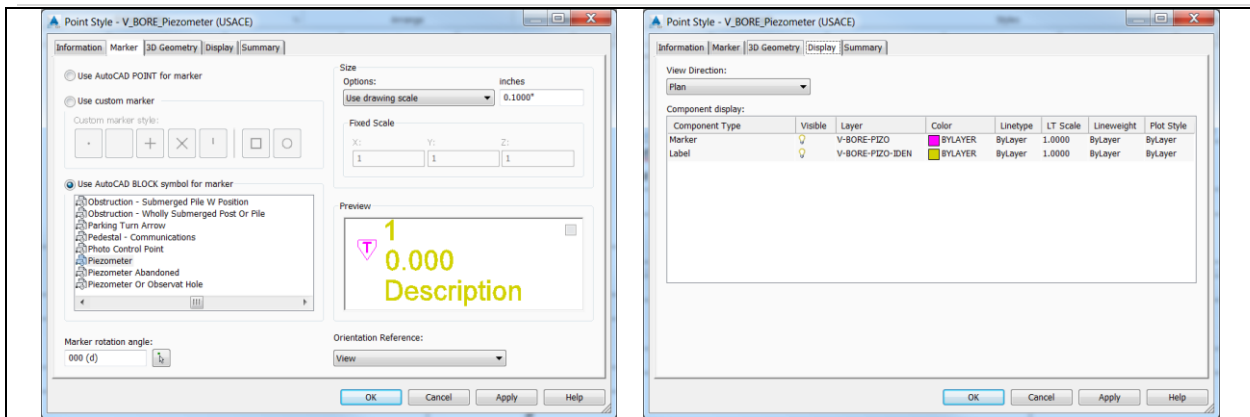


Name: BORE_Nonsampled Area Of Hole V_(USACE)
Description: Nonsampled Area Of Hole

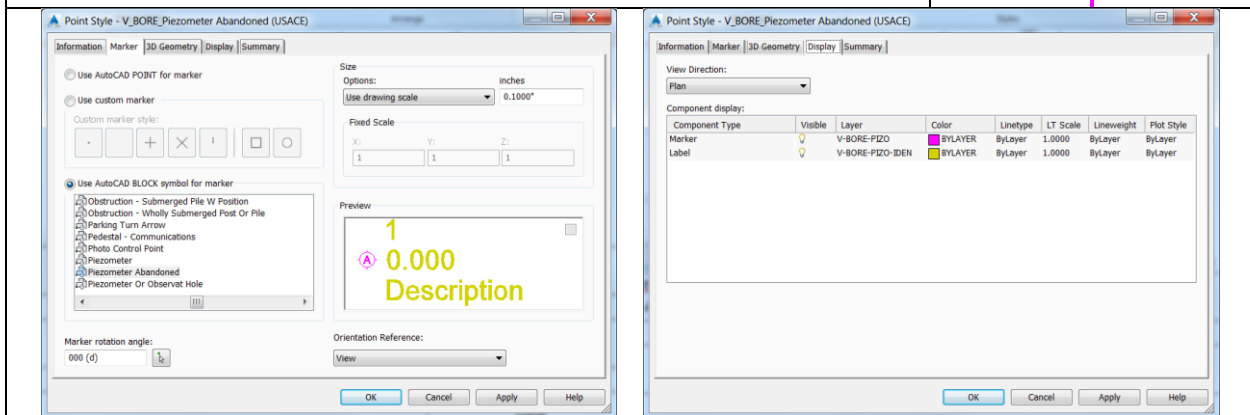
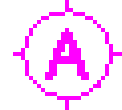


Name: BORE_Piezometer V_(USACE)
Description: Piezometer

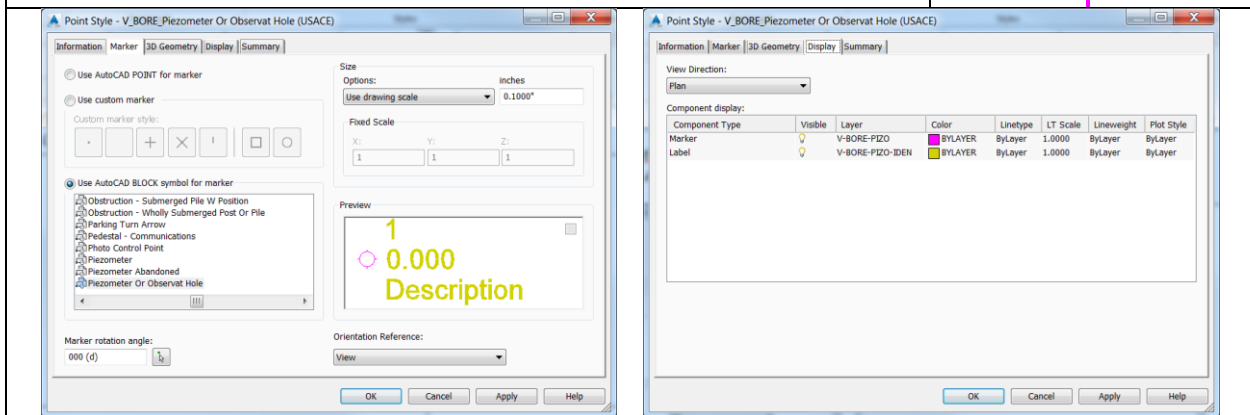
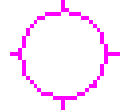




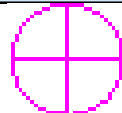
Name: BORE_Piezometer Abandoned V_(USACE)
Description: Piezometer Abandoned

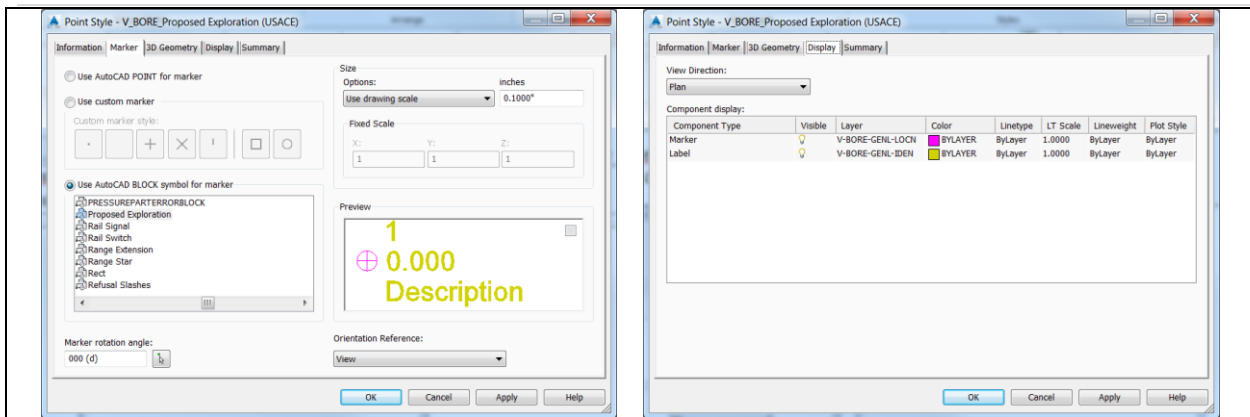


Name: BORE_Piezometer Or Observat Hole V_(USACE)
Description: Piezometer Or Observat Hole

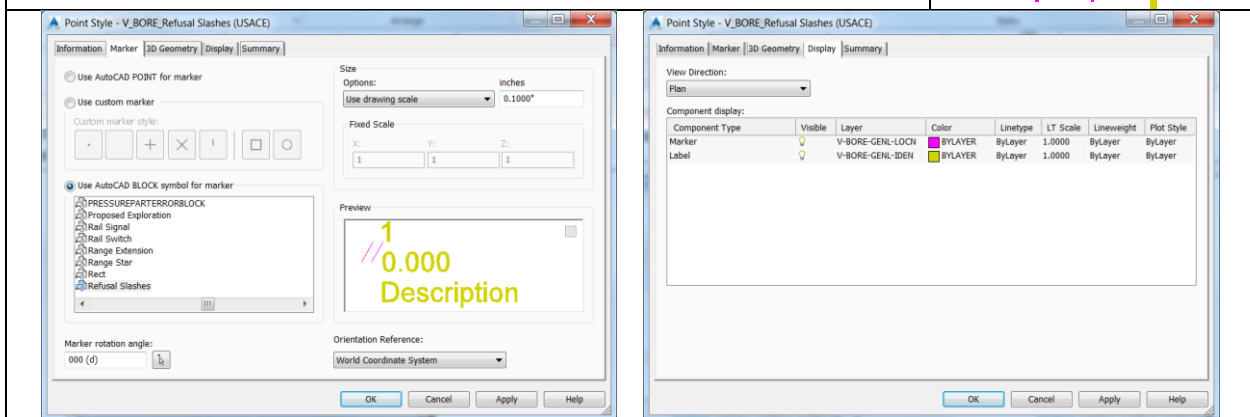
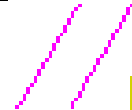


Name: BORE_Proposed Exploration V_(USACE)
Description: Proposed Exploration

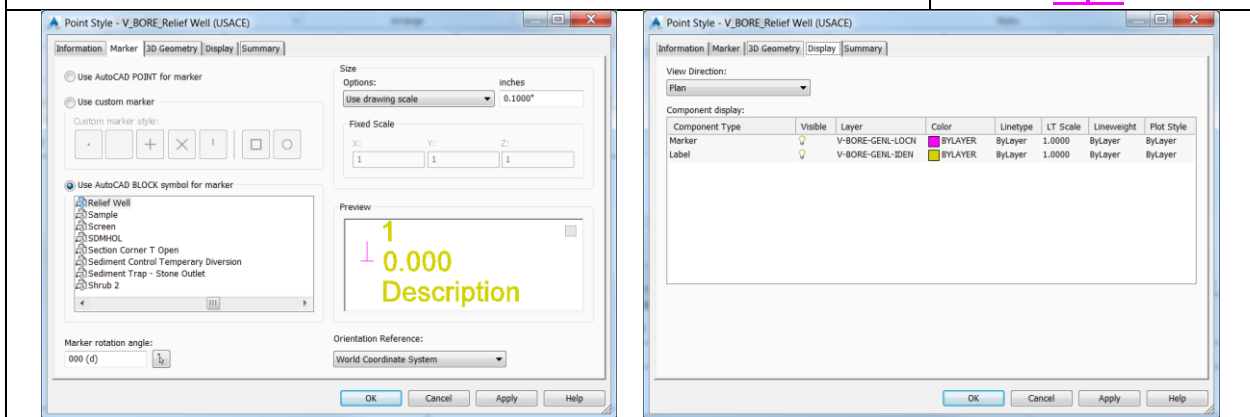




Name: BORE_Refusal Slashes (U
Description: Refusal Slashes

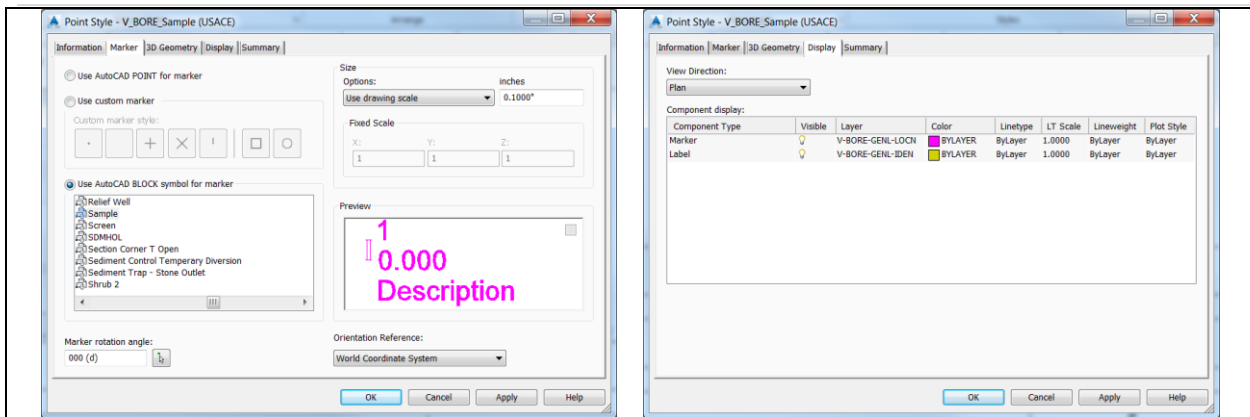


Name: BORE_Relief Well V_(USACE)
Description: Relief Well

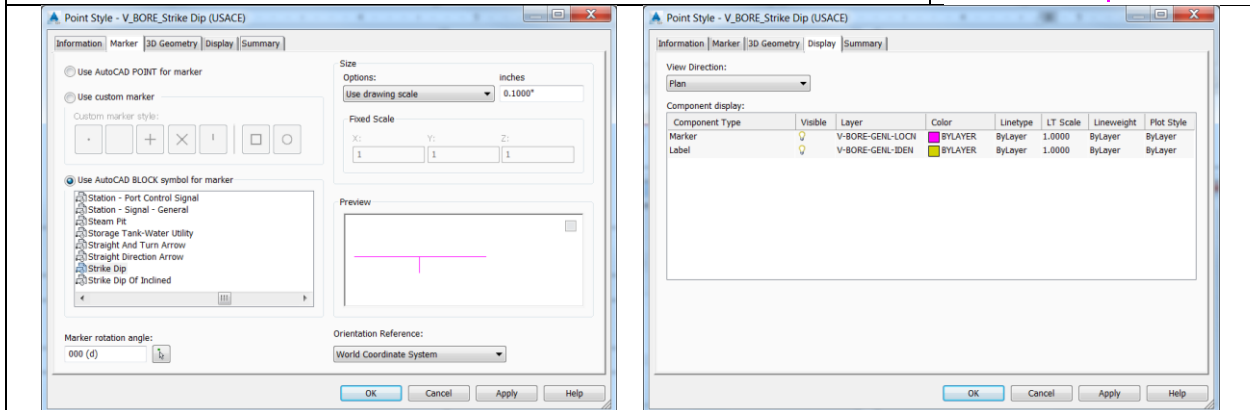


Name: BORE_Sample V_(USACE)
Description: Sample

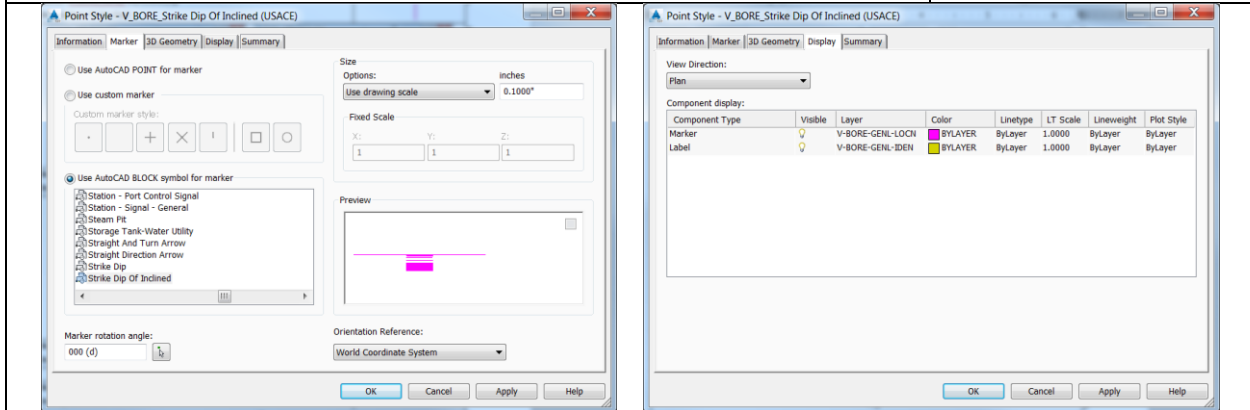




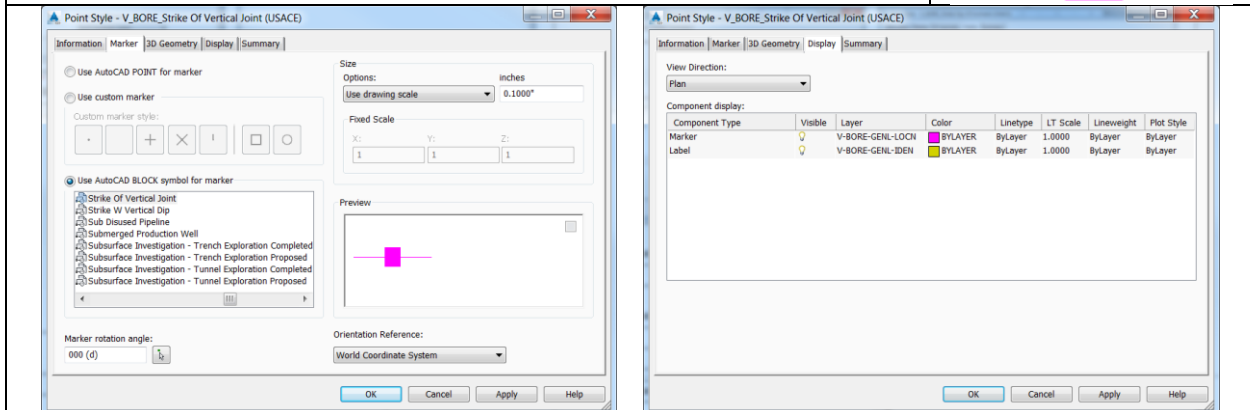
Name: BORE_Strike Dip V_(USACE)
Description: Strike Dip



Name: BORE_Strike Dip Of Inclined V_(USACE)
Description: Strike Dip Of Inclined



Name: BORE_Strike Of Vertical Joint V_(USACE)
Description: Strike Of Vertical Joint



Name: BORE_Strike W Vertical Dip V_(USACE)

Description: Strike W Vertical Dip



Point Style - V_BORE_Strike W Vertical Dip (USACE)

Information | Marker | 3D Geometry | Display | Summary

☐ Use AutoCAD POINT for marker

☐ Use custom marker

Custom marker style:

☒ Use AutoCAD BLOCK symbol for marker

Strike Of Vertical Joint

Strike W Vertical Dip

Sub Disused Pipeline

Submerged Production Well

Subsurface Investigation - Trench Exploration Completed

Subsurface Investigation - Trench Exploration Proposed

Subsurface Investigation - Tunnel Exploration Completed

Subsurface Investigation - Tunnel Exploration Proposed

Marker rotation angle: 000 (d)

Size: Options: inches Use drawing scale 0.1000"

Fixed Scale X: 1 Y: 1 Z: 1

Preview

Orientation Reference: World Coordinate System

OK Cancel Apply Help

Point Style - V_BORE_Strike W Vertical Dip (USACE)

Information | Marker | 3D Geometry | Display | Summary

View Direction: Plan

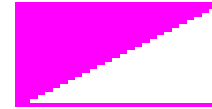
Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Marker	<input checked="" type="checkbox"/>	V-BORE-GENL-LOCN	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Label	<input checked="" type="checkbox"/>	V-BORE-GENL-IDEN	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

OK Cancel Apply Help

Name: BORE_Subsurface Invest - Trench Exploration Completed V_(USACE)

Description: Subsurface Investigation - Trench Exploration Completed



Point Style - V_BORE_Subsurface Invest - Trench Exploration Completed (USACE)

Information | Marker | 3D Geometry | Display | Summary

☐ Use AutoCAD POINT for marker

☐ Use custom marker

Custom marker style:

☒ Use AutoCAD BLOCK symbol for marker

Strike Of Vertical Joint

Strike W Vertical Dip

Sub Disused Pipeline

Submerged Production Well

Subsurface Investigation - Trench Exploration Completed

Subsurface Investigation - Trench Exploration Proposed

Subsurface Investigation - Tunnel Exploration Completed

Subsurface Investigation - Tunnel Exploration Proposed

Marker rotation angle: 000 (d)

Size: Options: inches Use drawing scale 0.1000"

Fixed Scale X: 1 Y: 1 Z: 1

Preview

Orientation Reference: View

OK Cancel Apply Help

Point Style - V_BORE_Subsurface Invest - Trench Exploration Completed (USACE)

Information | Marker | 3D Geometry | Display | Summary

View Direction: Plan

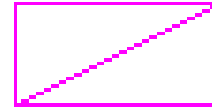
Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Marker	<input checked="" type="checkbox"/>	V-BORE-GENL-LOCN	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Label	<input checked="" type="checkbox"/>	V-BORE-GENL-IDEN	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

OK Cancel Apply Help

Name: BORE_Subsurface Invest - Trench Exploration Proposed V_(USACE)

Description: Subsurface Investigation - Trench Exploration Proposed



Point Style - V_BORE_Subsurface Invest - Trench Exploration Proposed (USACE)

Information | Marker | 3D Geometry | Display | Summary

☐ Use AutoCAD POINT for marker

☐ Use custom marker

Custom marker style:

☒ Use AutoCAD BLOCK symbol for marker

Strike Of Vertical Joint

Strike W Vertical Dip

Sub Disused Pipeline

Submerged Production Well

Subsurface Investigation - Trench Exploration Completed

Subsurface Investigation - Trench Exploration Proposed

Subsurface Investigation - Tunnel Exploration Completed

Subsurface Investigation - Tunnel Exploration Proposed

Marker rotation angle: 000 (d)

Size: Options: inches Use drawing scale 0.1000"

Fixed Scale X: 1 Y: 1 Z: 1

Preview

Orientation Reference: View

OK Cancel Apply Help

Point Style - V_BORE_Subsurface Invest - Trench Exploration Proposed (USACE)

Information | Marker | 3D Geometry | Display | Summary

View Direction: Plan

Component display:

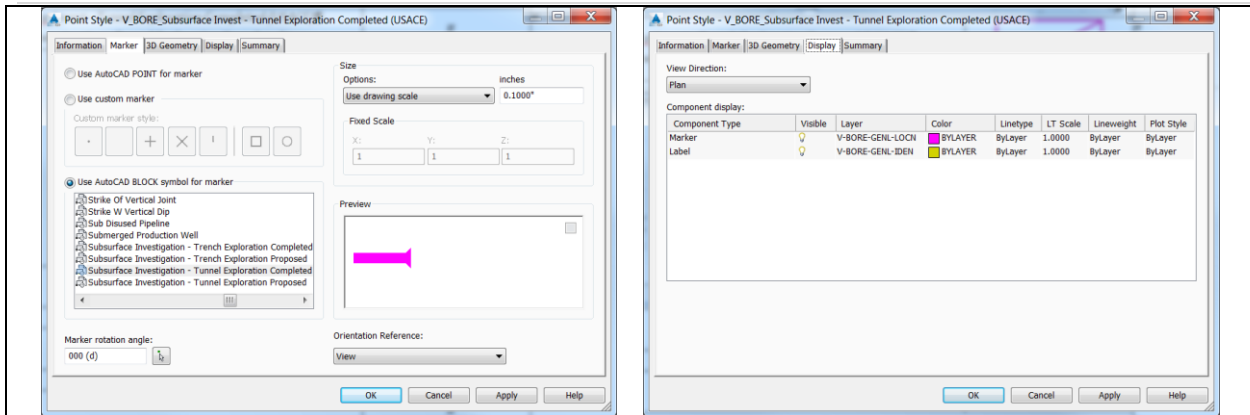
Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Marker	<input checked="" type="checkbox"/>	V-BORE-GENL-LOCN	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Label	<input checked="" type="checkbox"/>	V-BORE-GENL-IDEN	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

OK Cancel Apply Help

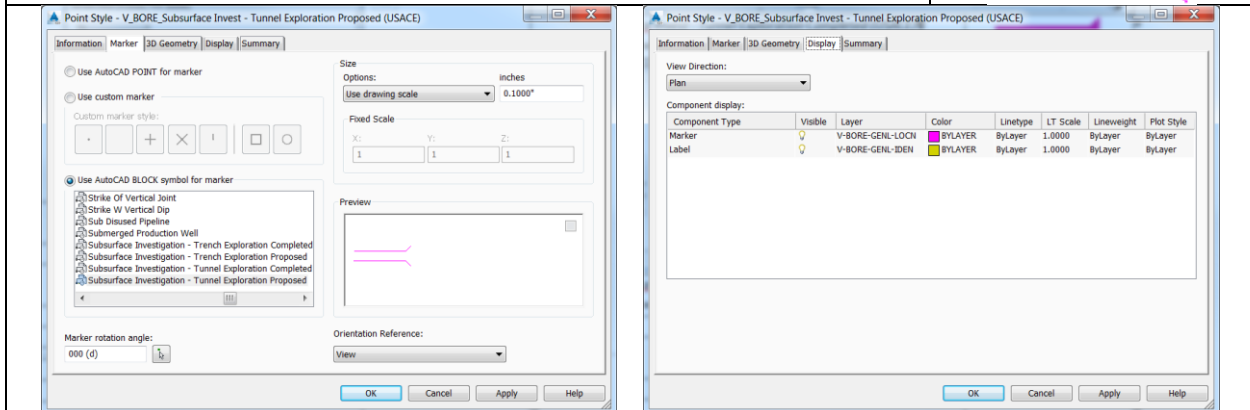
Name: BORE_Subsurface Invest - Tunnel Exploration Completed V_(USACE)

Description: Subsurface Investigation - Tunnel Exploration Completed

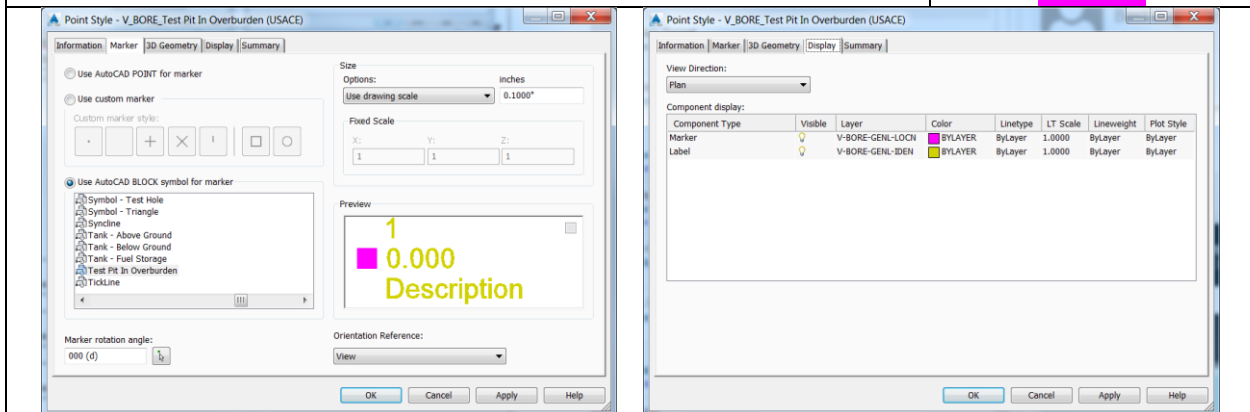




Name: BORE_Subsurface Invest - Tunnel Exploration Proposed V_(USACE)
Description: Subsurface Investigation - Tunnel Exploration Proposed

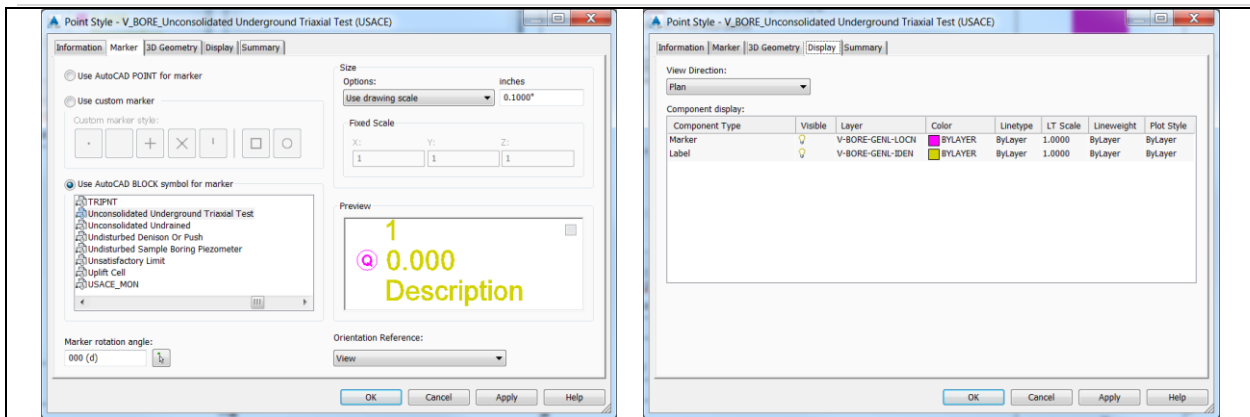


Name: BORE_Test Pit In Overburden V_(USACE)
Description: Test Pit In Overburden

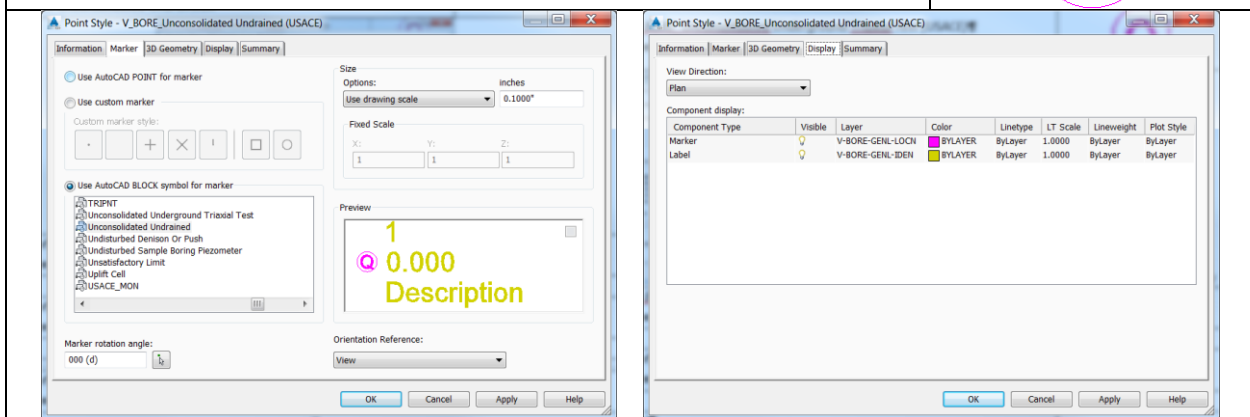


Name: BORE_Unconsolidated Underground Triaxial Test V_(USACE)
Description: Unconsolidated Underground Triaxial Test

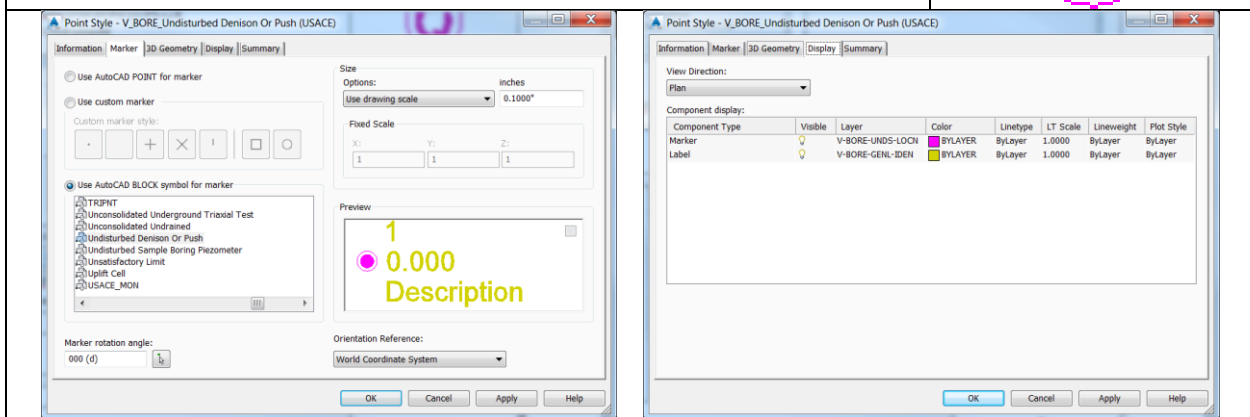
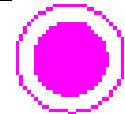




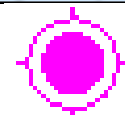
Name: BORE_Unconsolidated Undrained V_(USACE)
Description: Unconsolidated Undrained

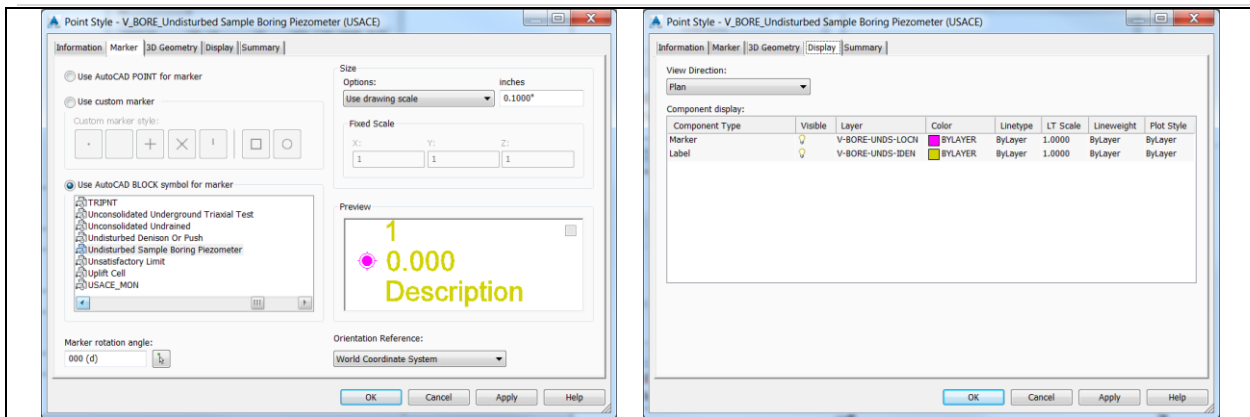


Name: BORE_Undisturbed Denison Or Push V_(USACE)
Description: Undisturbed Denison Or Push



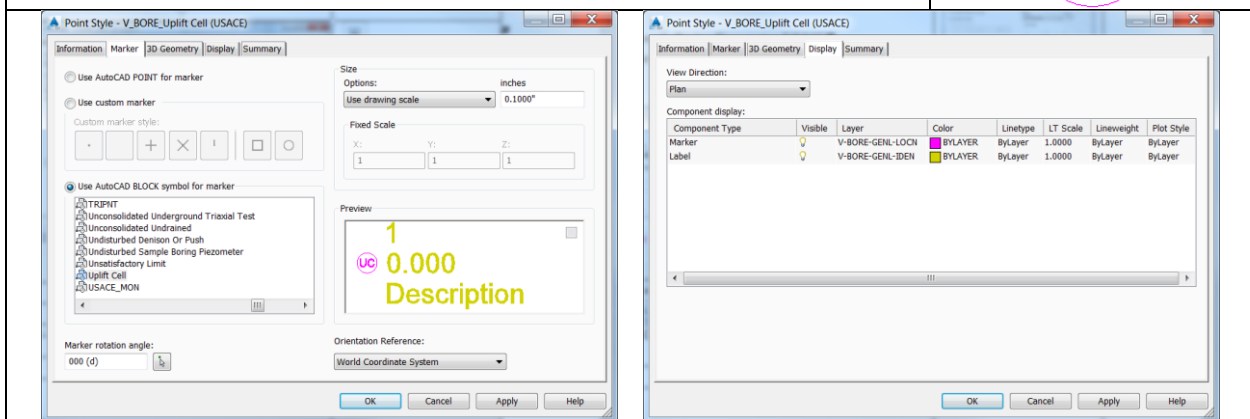
Name: BORE_Undisturbed Sample Boring Piezometer V_(USACE)
Description: Undisturbed Sample Boring Piezometer





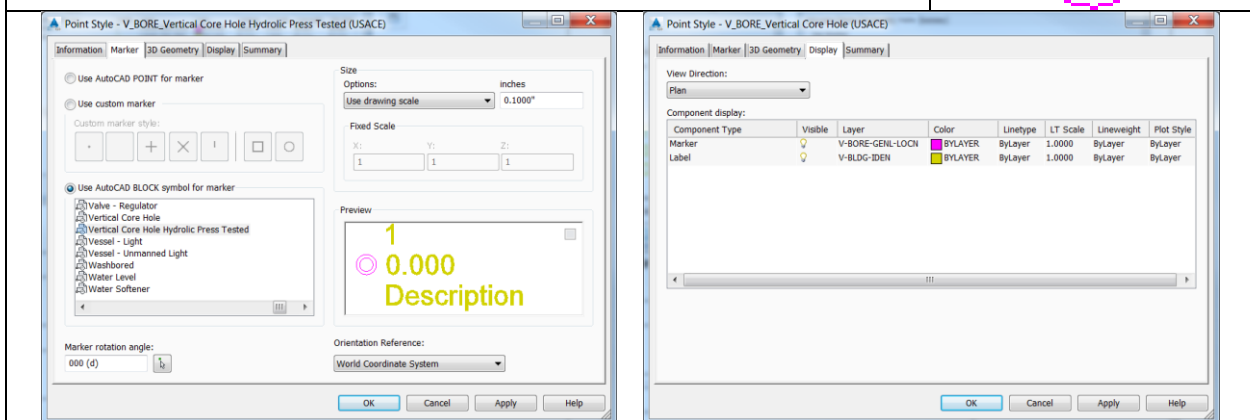
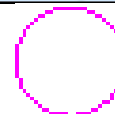
Name: BORE_Uplift Cell V_(USACE)

Description: Uplift Cell



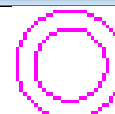
Name: BORE_Vertical Core Hole V_(USACE)

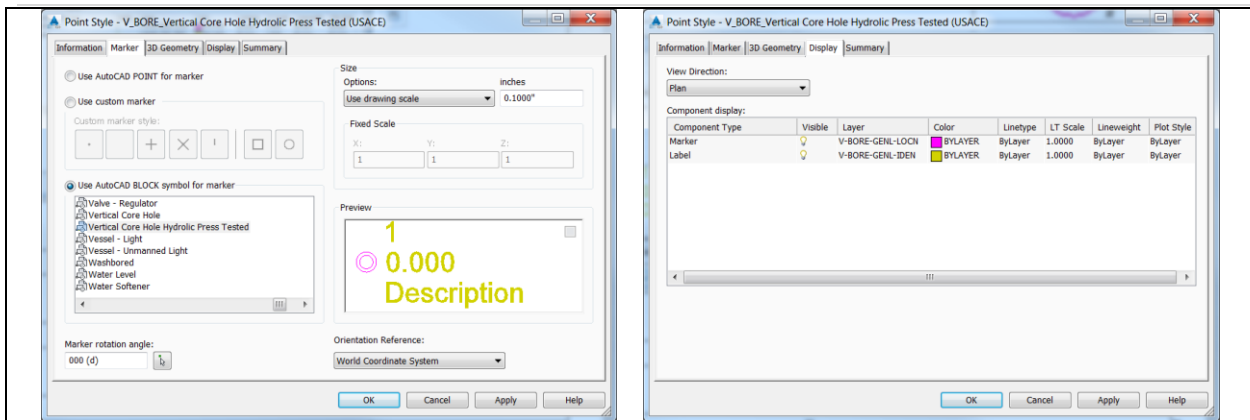
Description: Vertical Core Hole



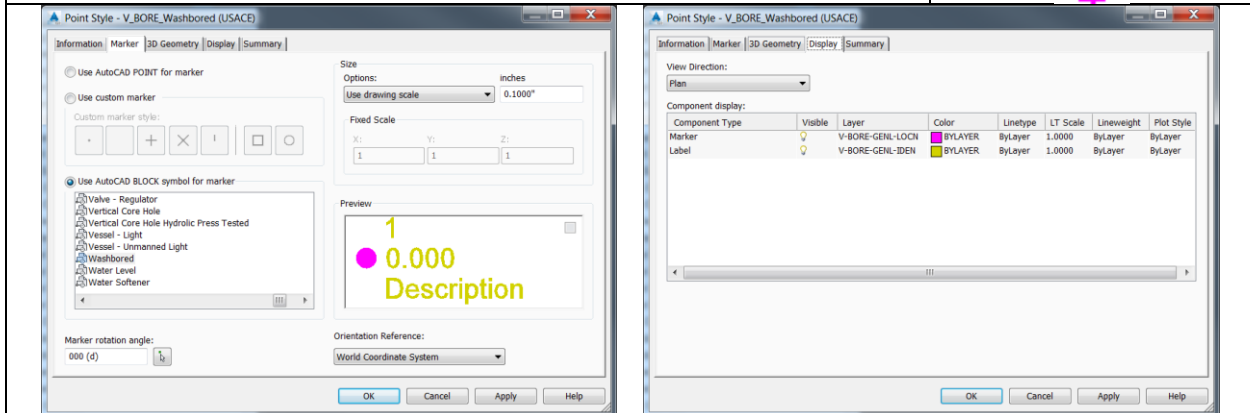
Name: _BORE_Vertical Core Hole Hydraulic Press Tested V_(USACE)

Description: Vertical Core Hole Hydraulic Press Tested

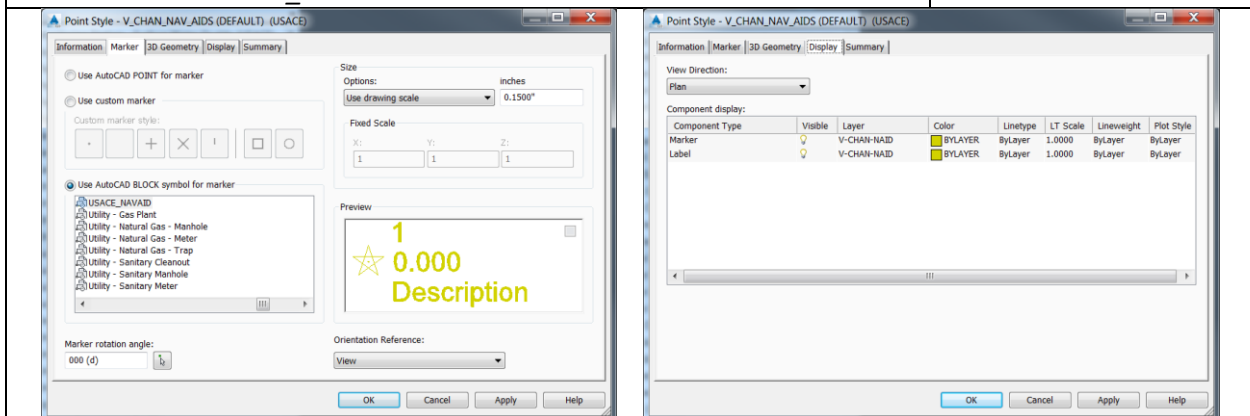




Name: BORE_Washbored V_(USACE)
Description: Washbored

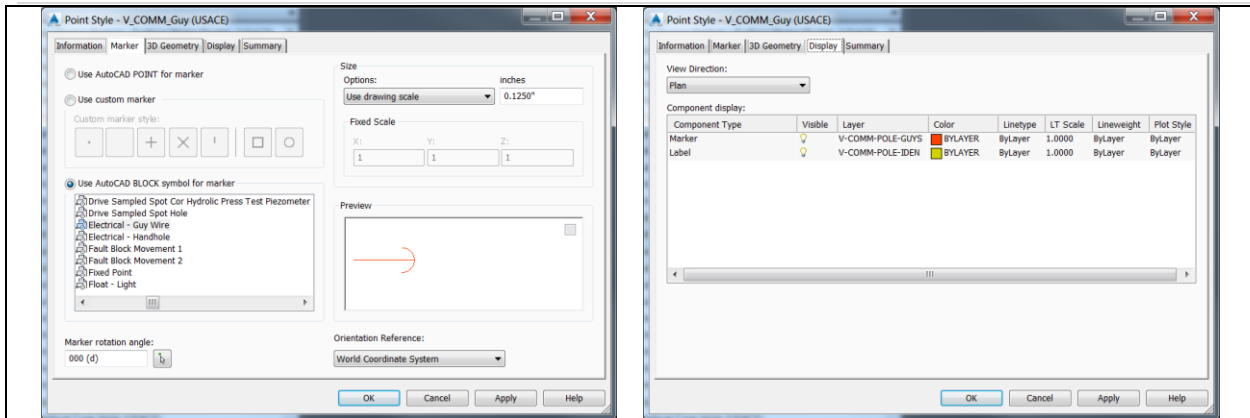


Name: CHAN_NAAIDS (DEFAULT) V_(USACE)
Description: NAVIGATION AID SYMBOL (DEFAULT)
 FOR USACE-POA-SURVEY PROJECTS
 MARKER IS PLOTTED
 SYMBOL FILE IS USACE_NAVID.DWG

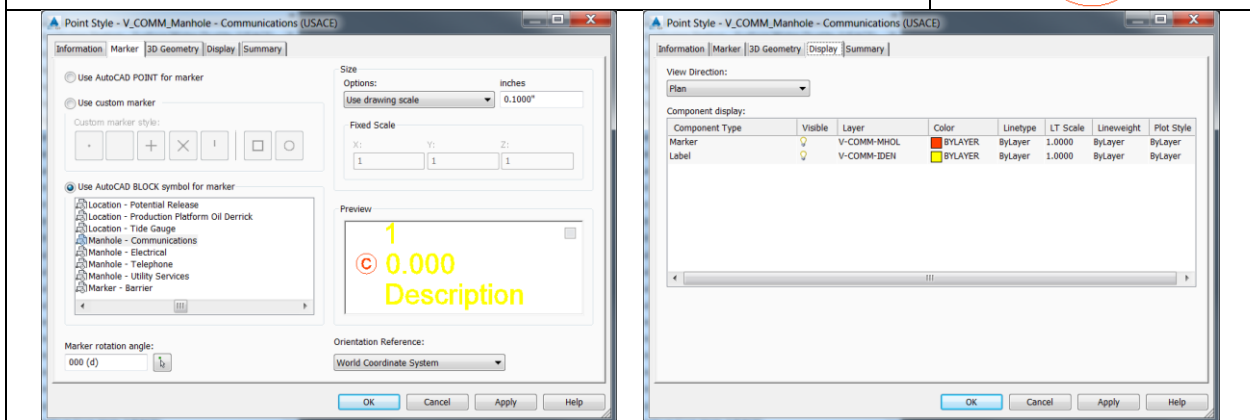


Name: COMM_Guy V_(USACE)
Description: Electrical - Guy Wire

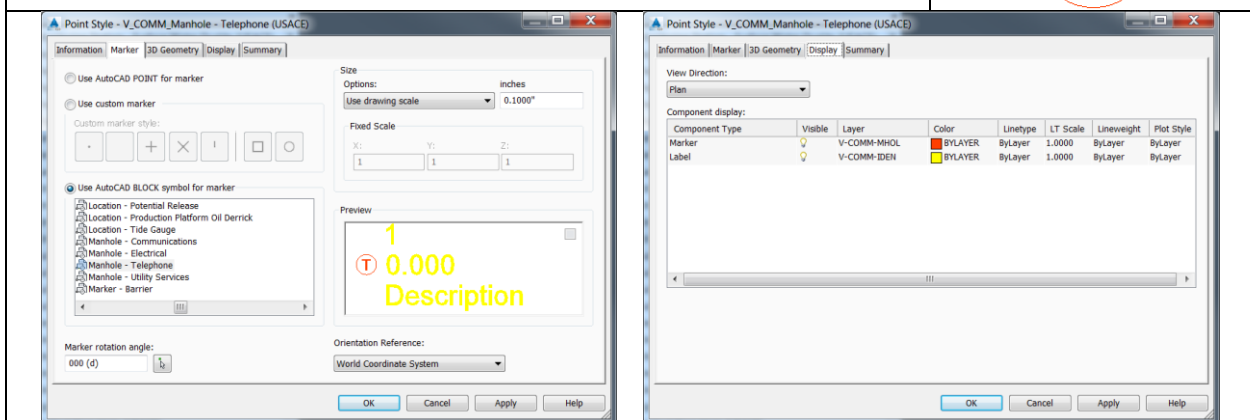




Name: COMM_Manhole - Communications V_(USACE)
Description: Manhole - Communications

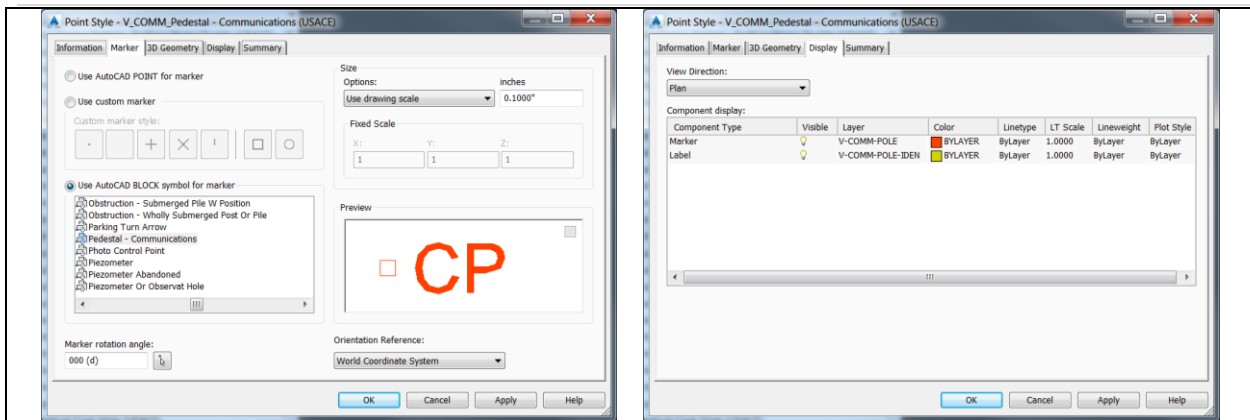


Name: COMM_Manhole - Telephone V_(USACE)
Description: Manhole - Telephone



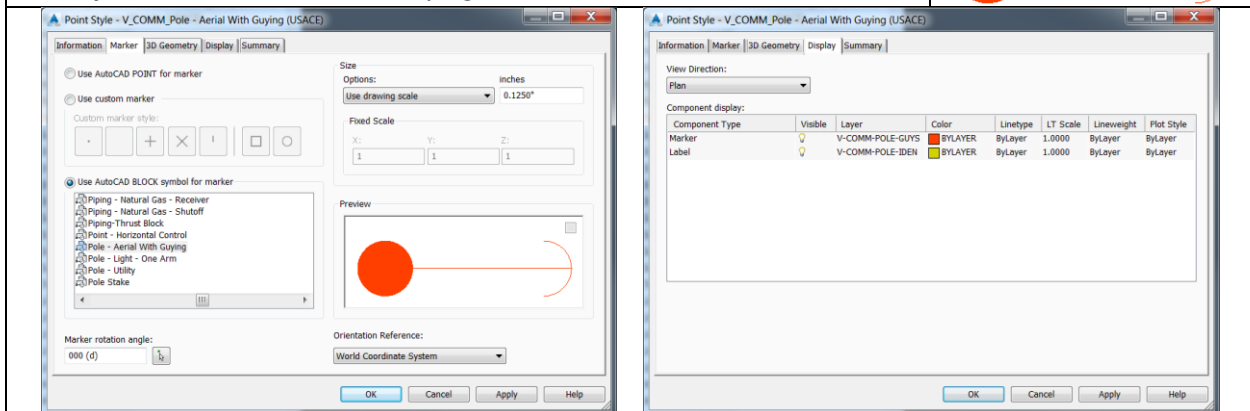
Name: COMM_Pedestal - Communications V_(USACE)
Description: Pedestal - Communications





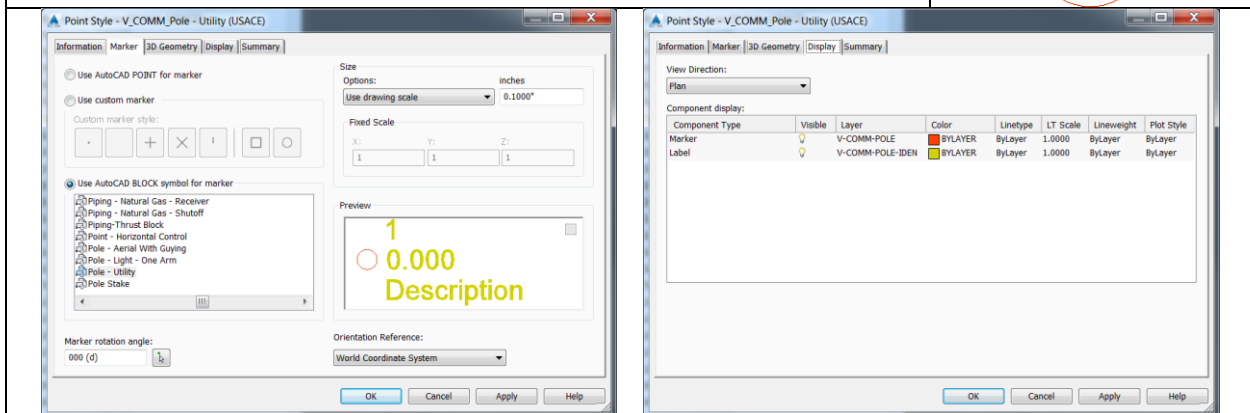
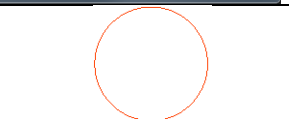
Name: COMM_Pole - Aerial With Guying V_(USACE)

Description: Pole - Aerial With Guying



Name: COMM_Pole - Utility V_(USACE)

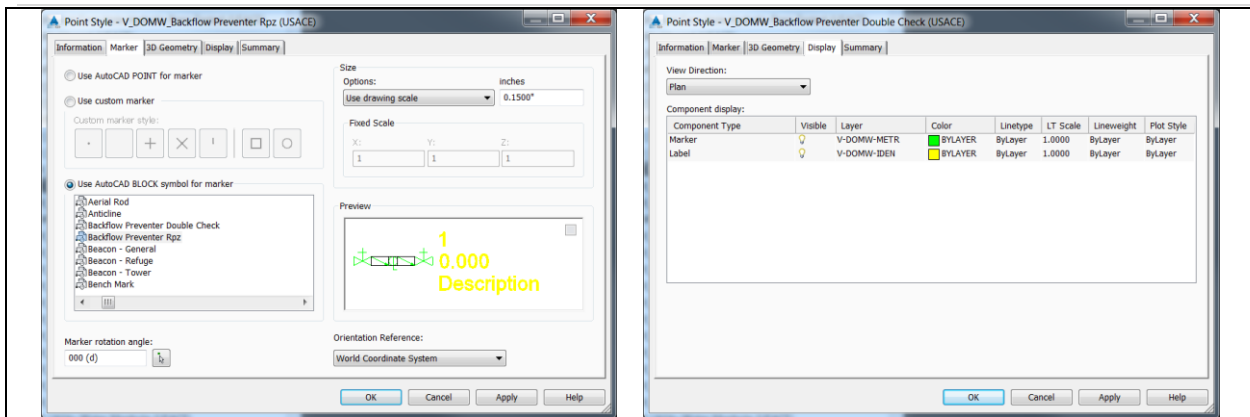
Description: Pole - Utility



Name: DOMW_Backflow Preventer Double Check V_(USACE)

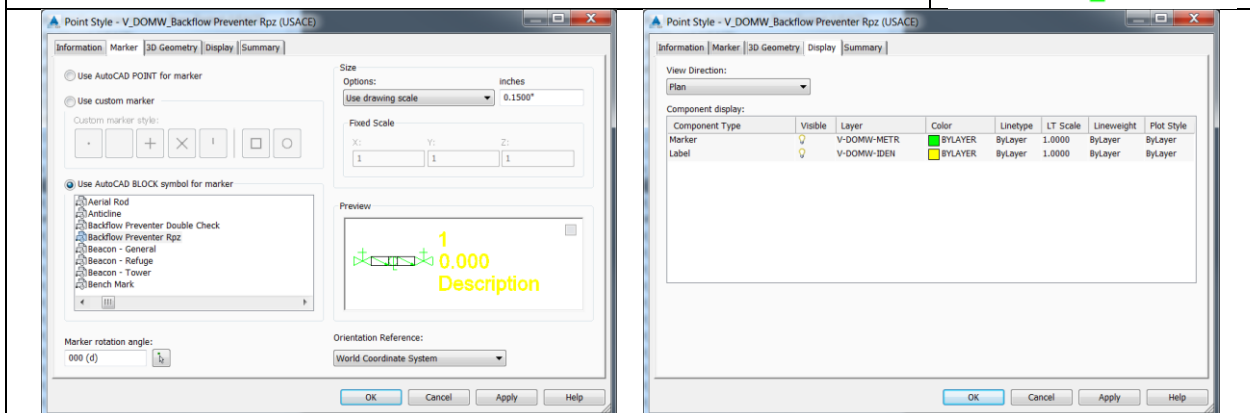
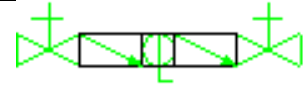
Description: Backflow Preventer Double Check





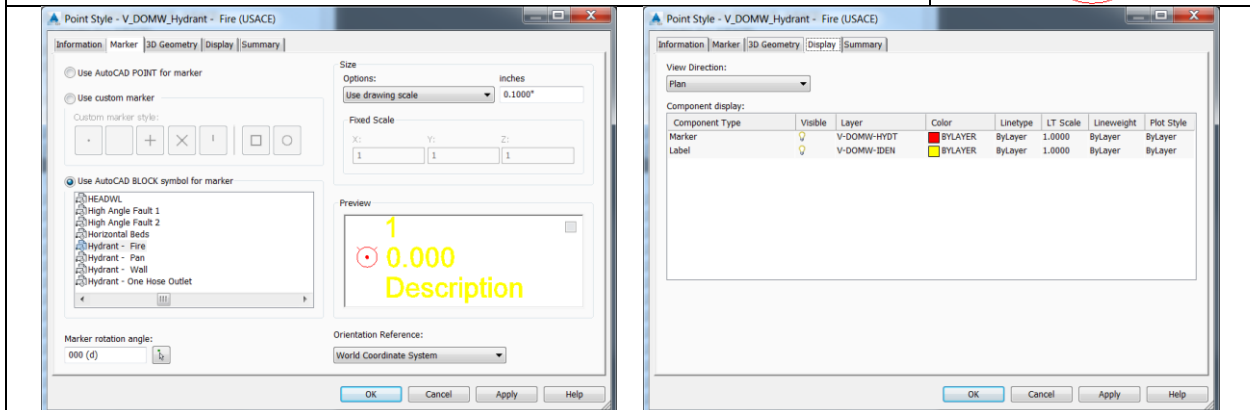
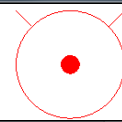
Name: DOMW_Backflow Preventer Rpz V_(USACE)

Description: Backflow Preventer Rpz



Name: DOMW_Hydrant - Fire V_(USACE)

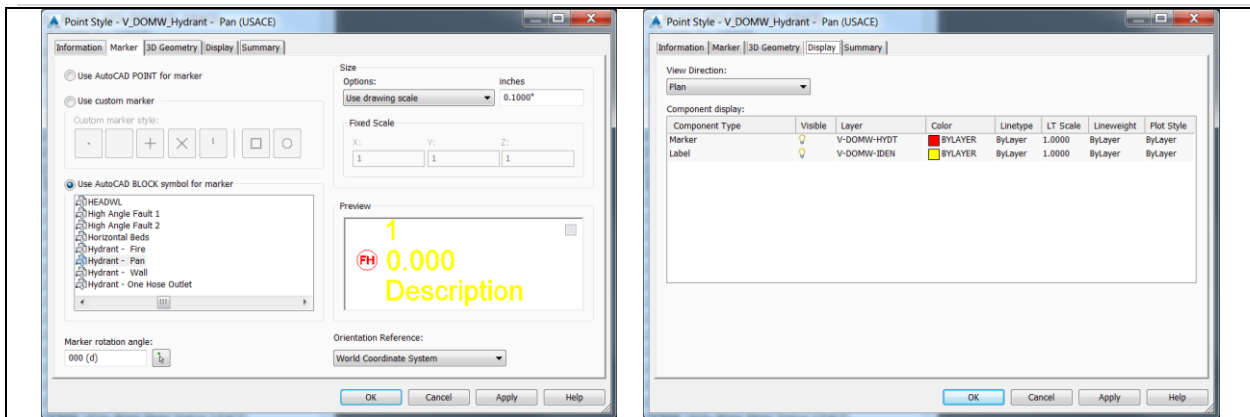
Description: Hydrant - Fire



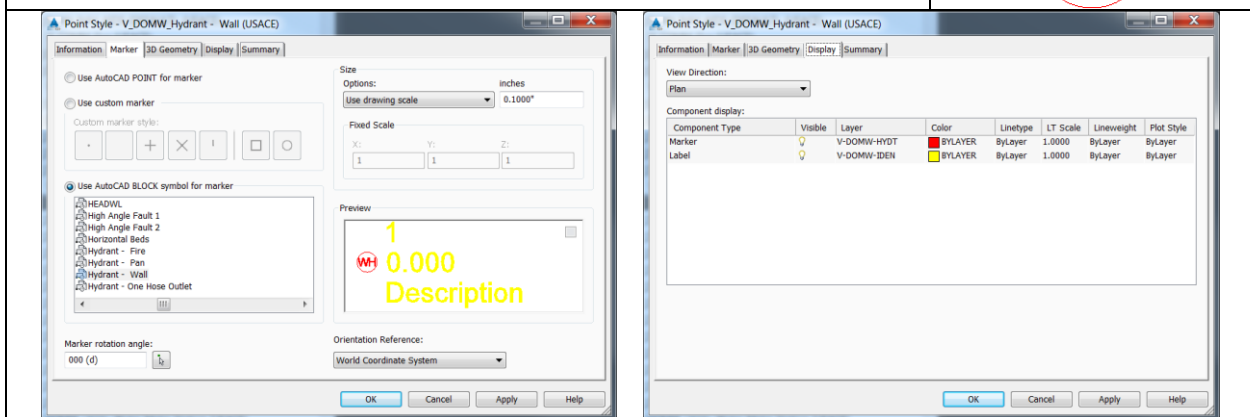
Name: DOMW_Hydrant - Pan V_(USACE)

Description: Hydrant - Pan

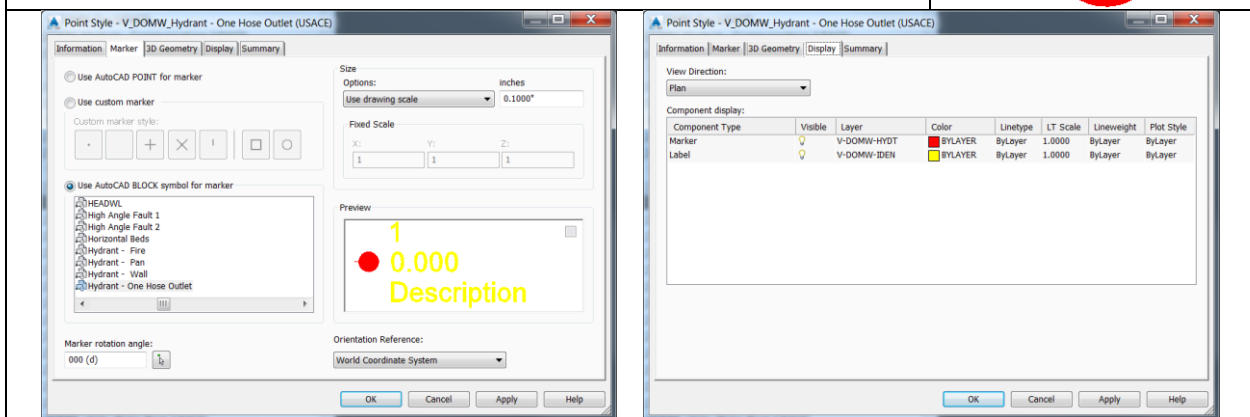




Name: DOMW_Hydrant - Wall V_(USACE)
Description: Hydrant - Wall

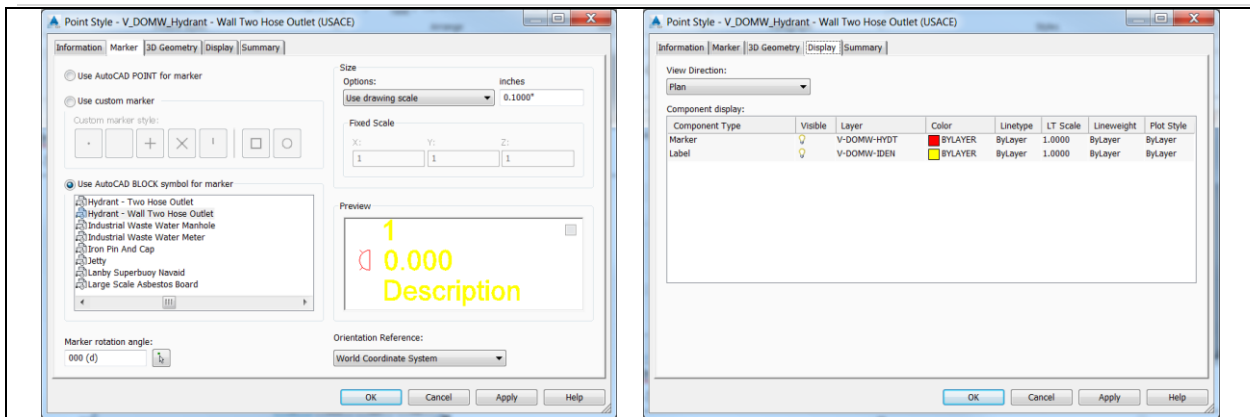


Name: DOMW_Hydrant - One Hose Outlet V_(USACE)
Description: Hydrant - One Hose Outlet

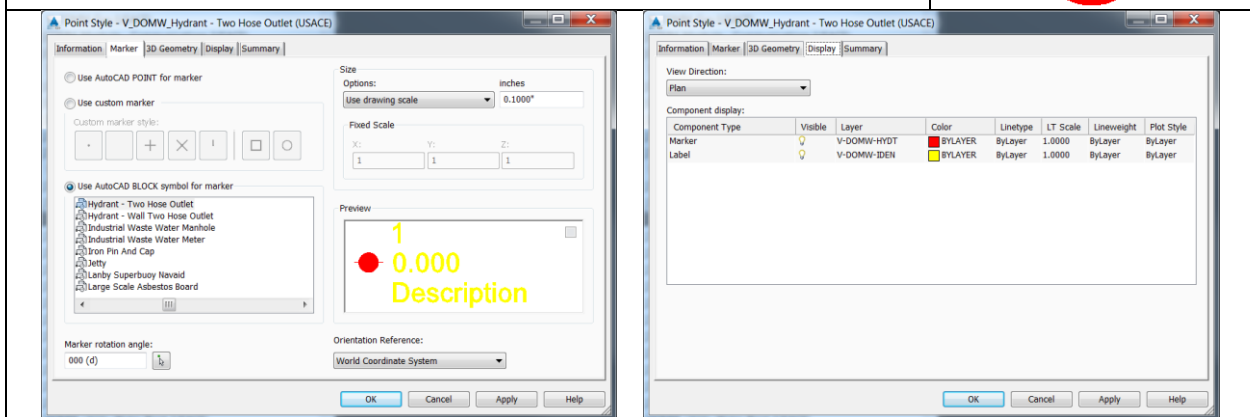


Name: DOMW_Hydrant - Wall Two Hose Outlet V_(USACE)
Description: Hydrant - Wall Two Hose Outlet

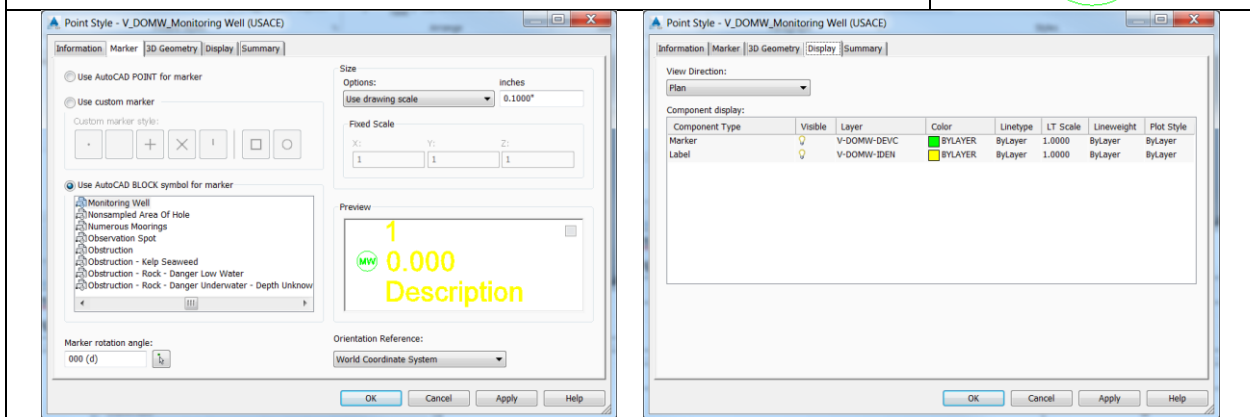




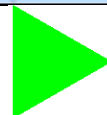
Name: DOMW_Hydrant - Two Hose Outlet V_(USACE)
Description: Hydrant - Two Hose Outlet

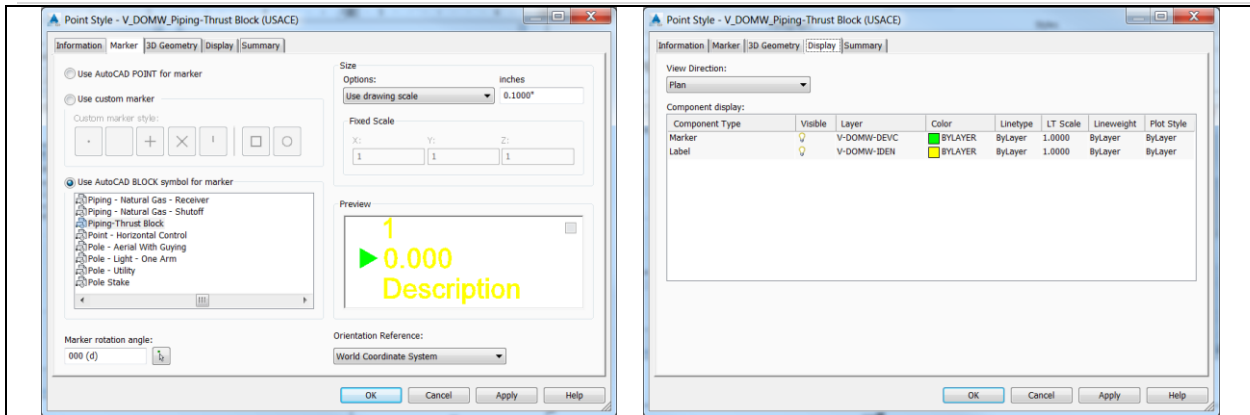


Name: DOMW_Monitoring Well V_(USACE)
Description: Monitoring Well



Name: DOMW_Piping-Thrust Block V_(USACE)
Description: Piping-Thrust Block

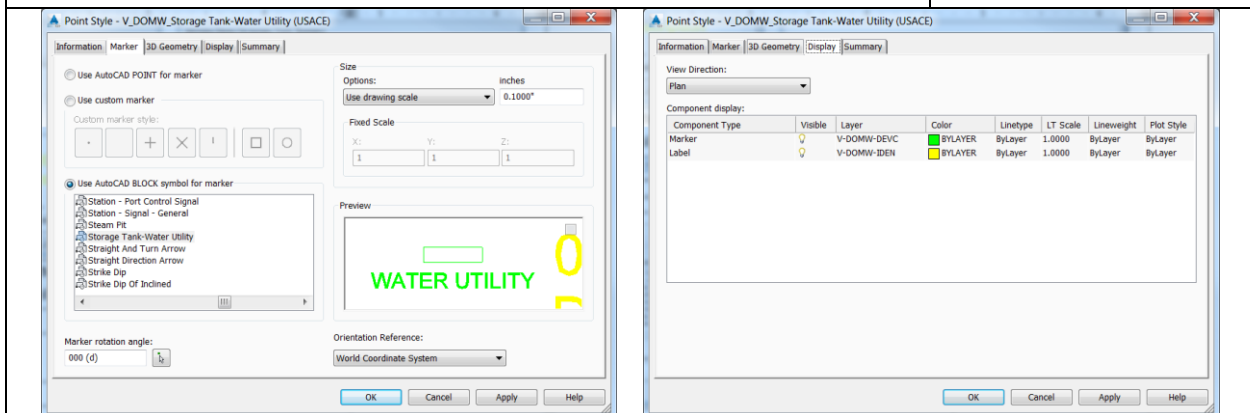




Name: DOMW_Storage Tank-Water Utility V_(USACE)

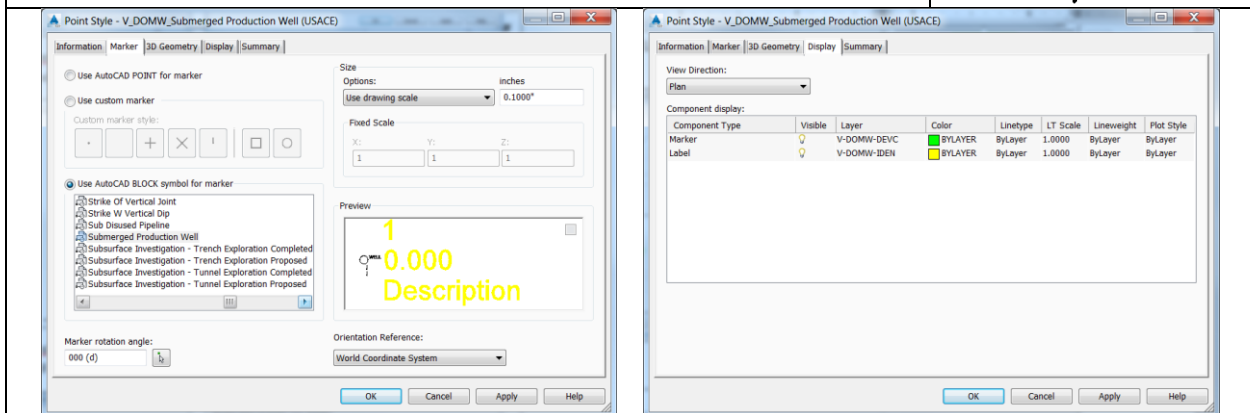
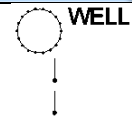
Description: Storage Tank-Water Utility

WATER UTILITY



Name: DOMW_Submerged Production Well (USACE)

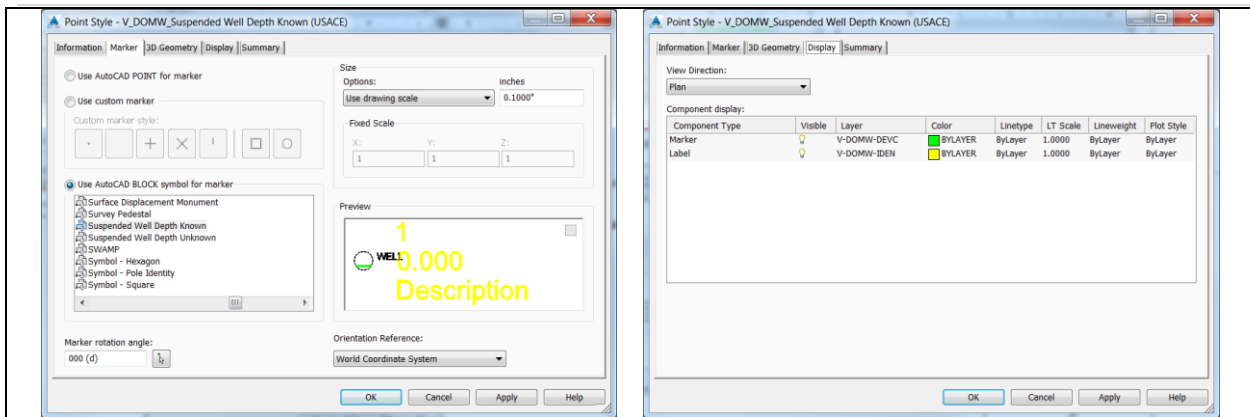
Description: Submerged Production Well



Name: DOMW_Suspended Well Depth Known V_(USACE)

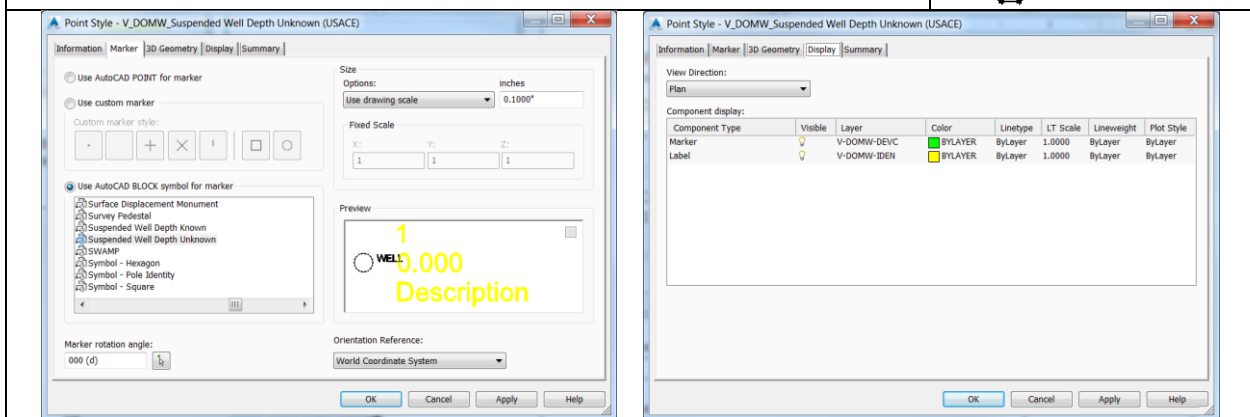
Description: Suspended Well Depth Known





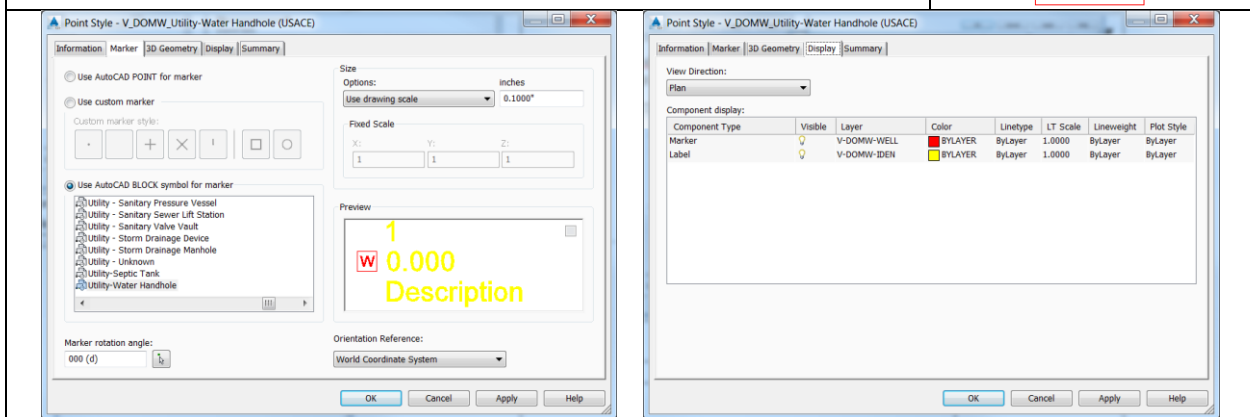
Name: DOMW_Suspended Well Depth Unknown V_(USACE)

Description: Suspended Well Depth Unknown



Name: DOMW_Utility-Water Handhole V_(USACE)

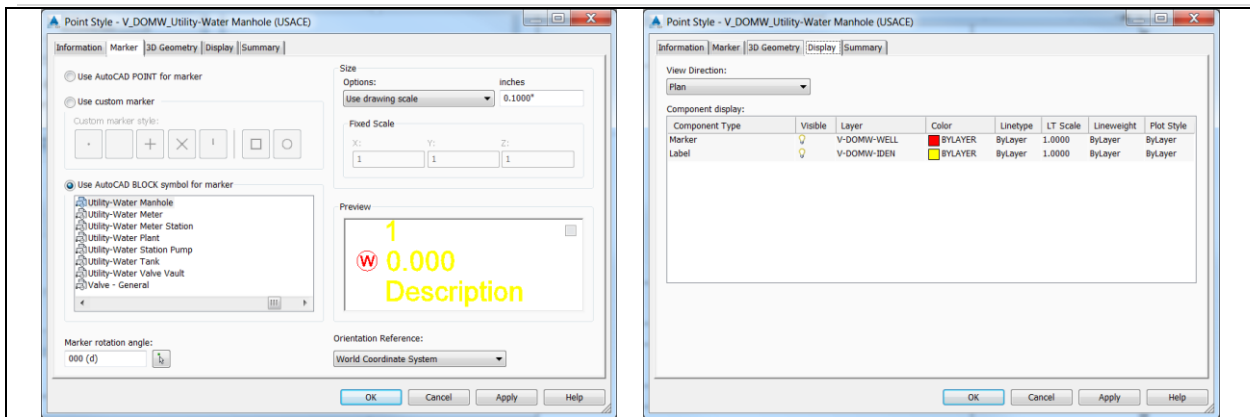
Description: Utility-Water Handhole



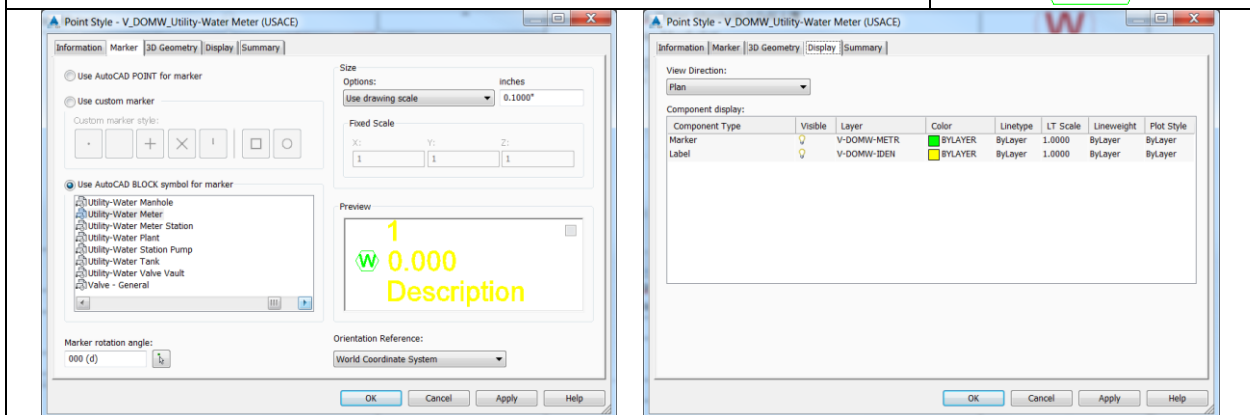
Name: DOMW_Utility-Water Manhole V_(USACE)

Description: Utility-Water Manhole

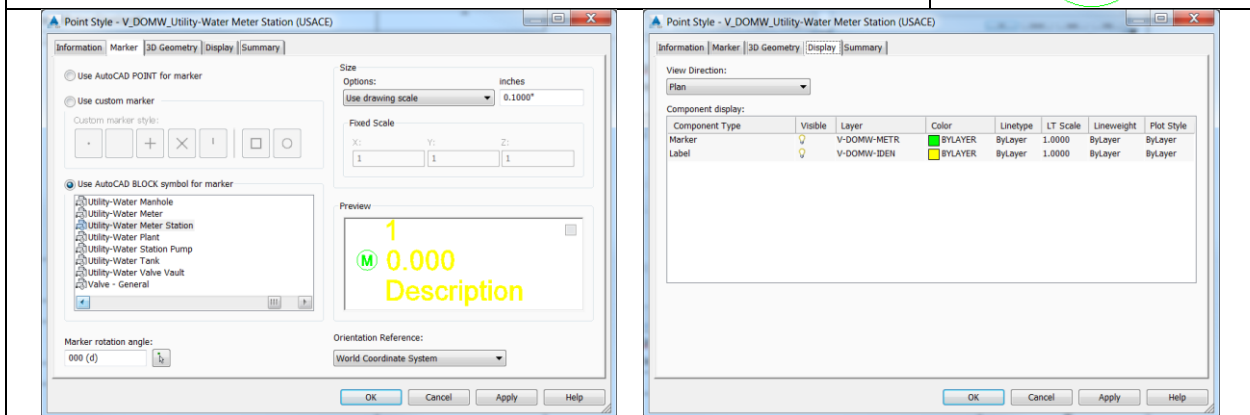




Name: DOMW_Utility-Water Meter V_(USACE)
Description: Utility-Water Meter

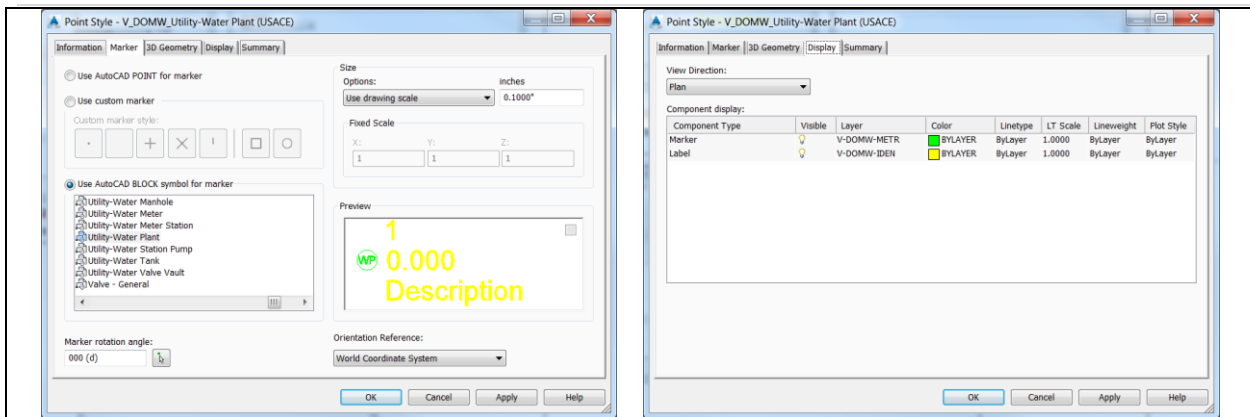


Name: DOMW_Utility-Water Meter Station V_(USACE)
Description: Utility-Water Meter Station



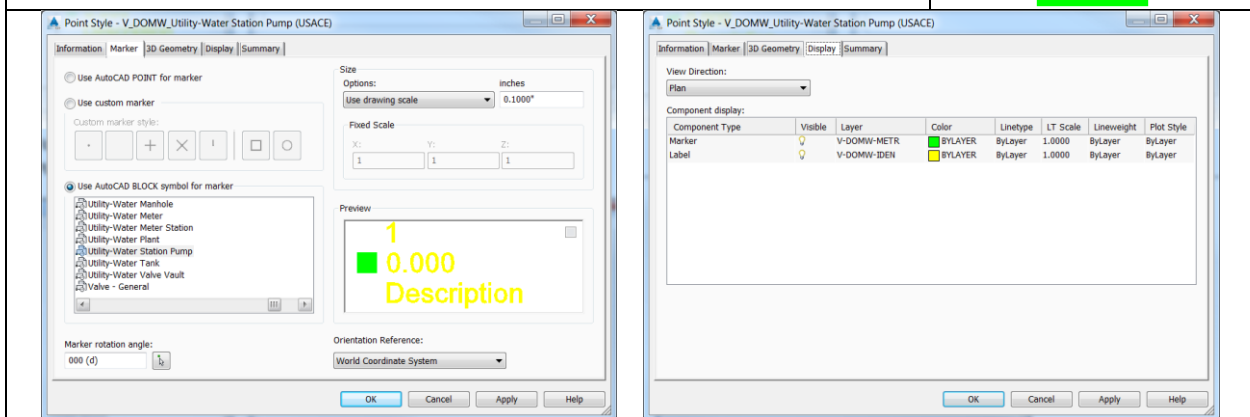
Name: DOMW_Utility-Water Plant V_(USACE)
Description: Utility-Water Plant





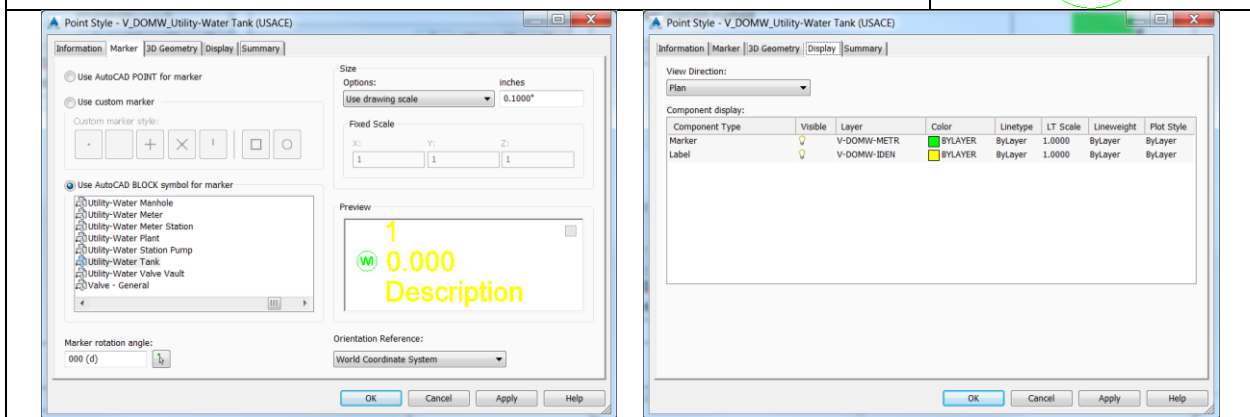
Name: DOMW_Utility-Water Station Pump V_(USACE)

Description: Utility-Water Station Pump



Name: DOMW_Utility-Water Tank V_(USACE)

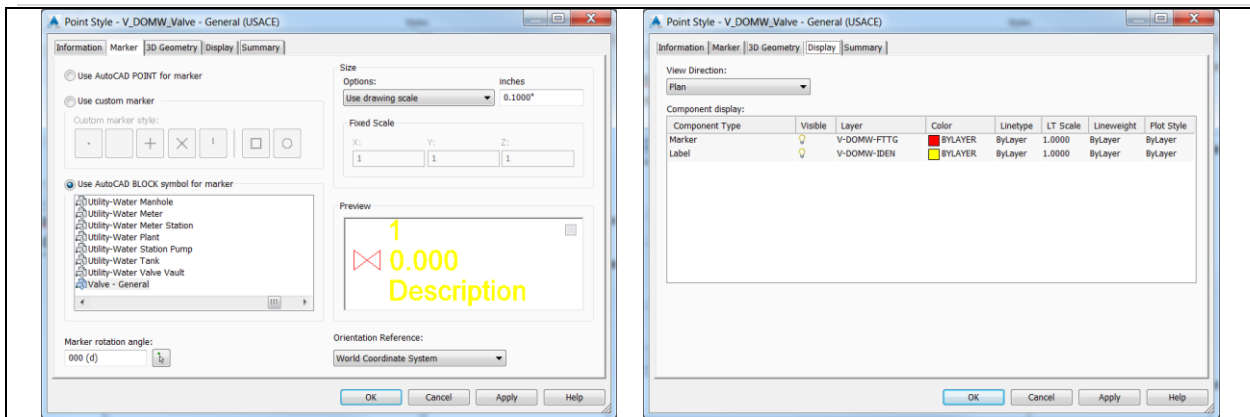
Description: Utility-Water Tank



Name: DOMW_Valve - General V_(USACE)

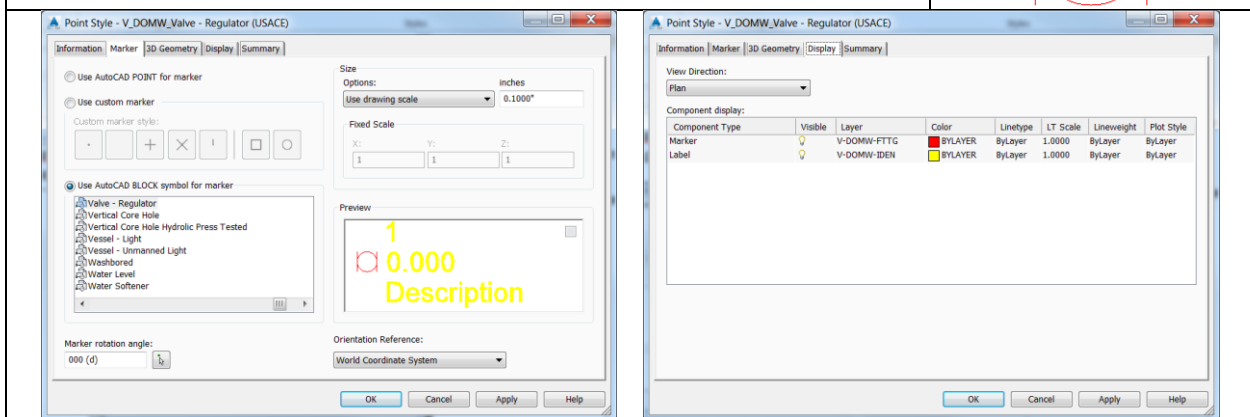
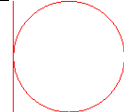
Description: Valve - General





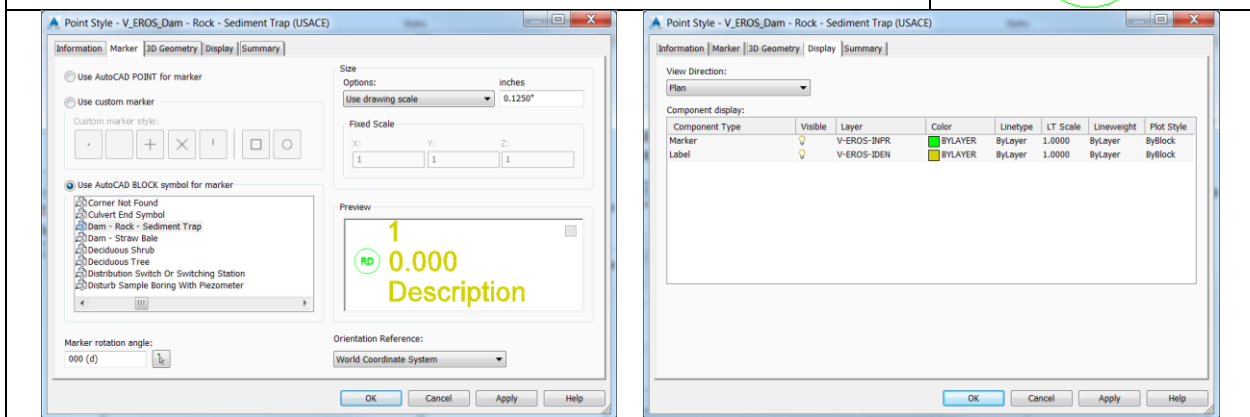
Name: DOMW_Valve - Regulator V_(USACE)

Description: Valve - Regulator



Name: EROS_Dam - Rock - Sediment Trap V_(USACE)

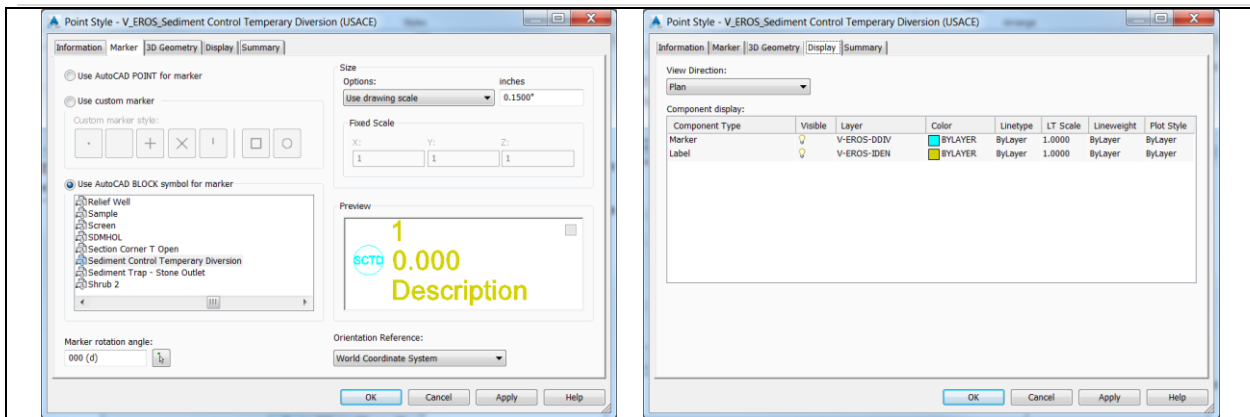
Description: Dam - Rock - Sediment Trap



Name: EROS_Sediment Control Temporary Diversion V_(USACE)

Description: Sediment Control Temporary Diversion

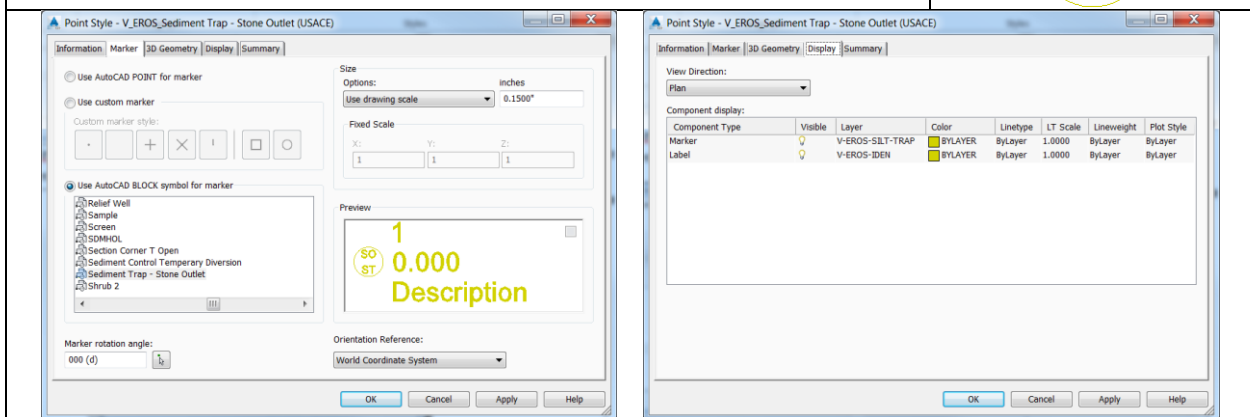




Name: EROS_Sediment Trap - Stone Outlet V_(USACE)

Description: Sediment Trap - Stone Outlet

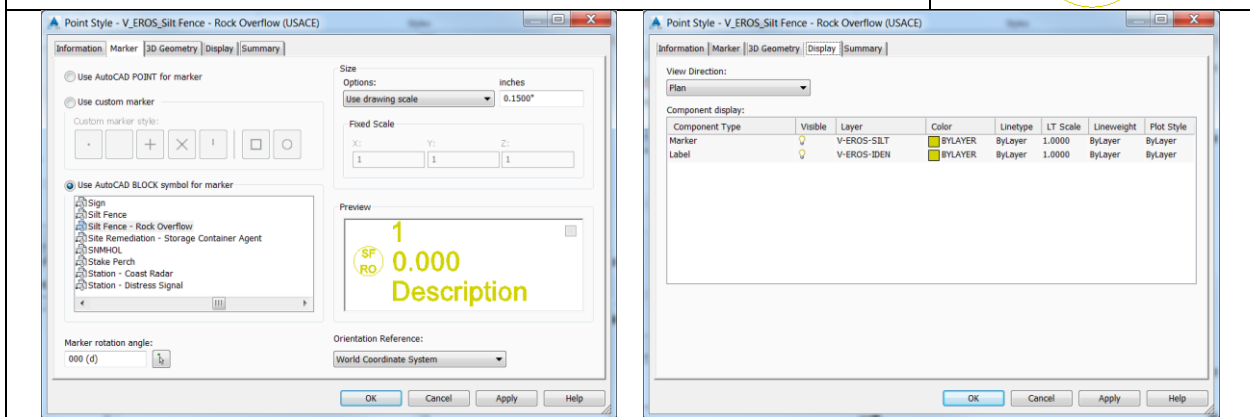
SO
ST



Name: EROS_Silt Fence - Rock Overflow V_(USACE)

Description: Silt Fence - Rock Overflow

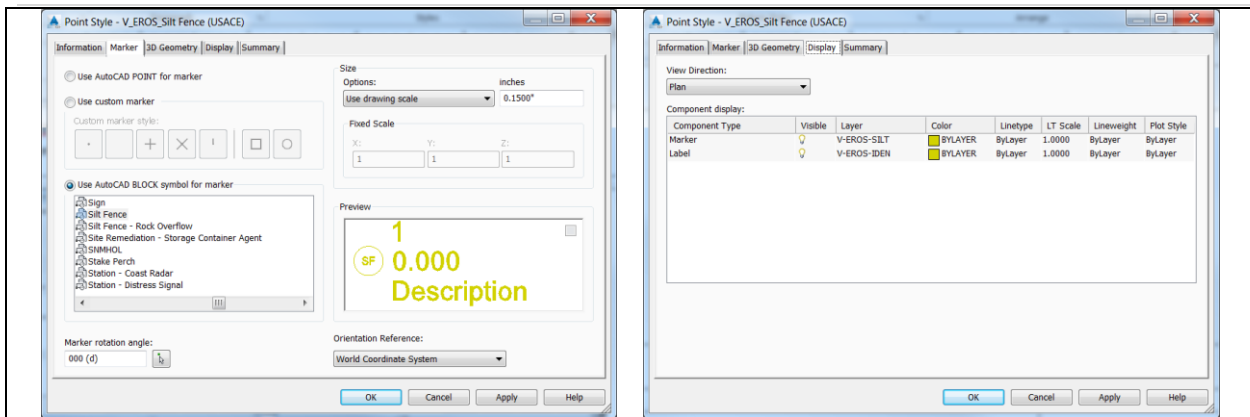
SF
RO



Name: EROS_Silt Fence V_(USACE)

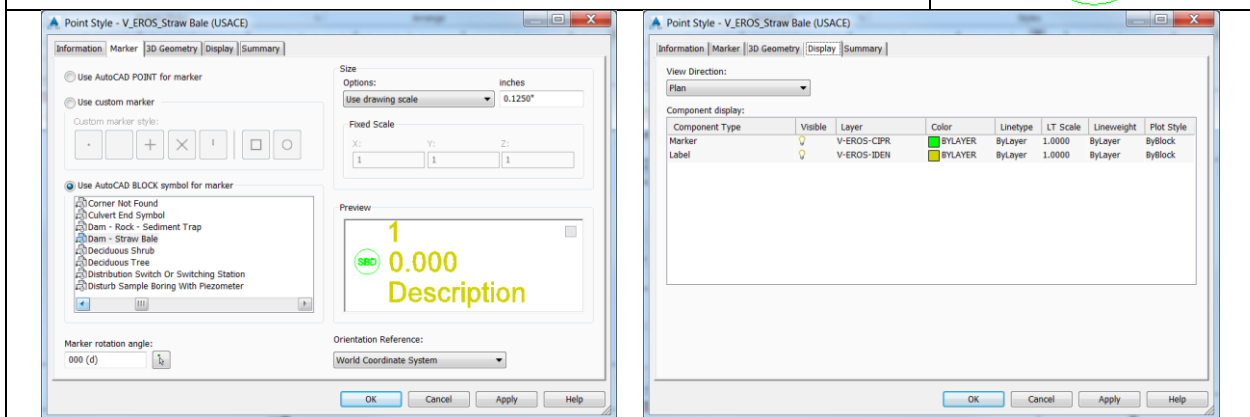
Description: Silt Fence

SF



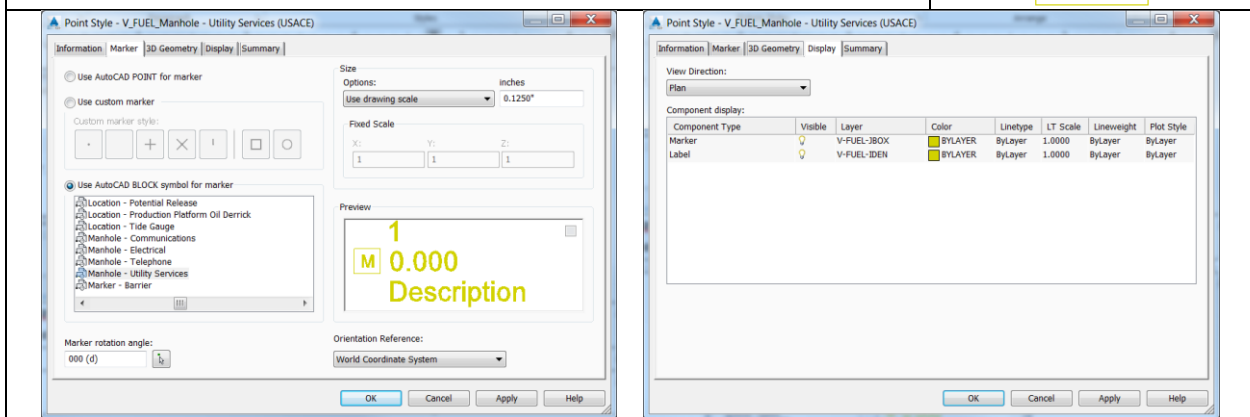
Name: EROS_Straw Bale V_(USACE)
Description: Dam - Straw Bale

SBD



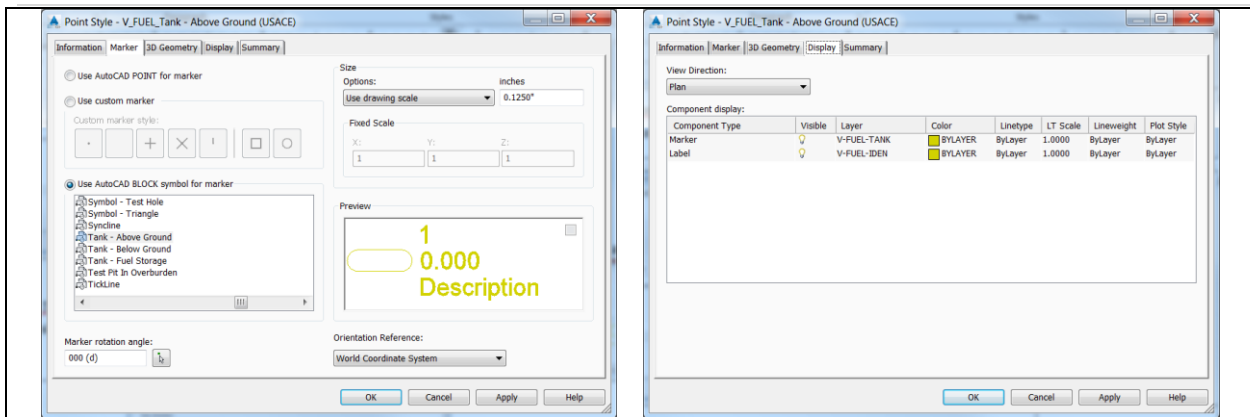
Name: FUEL_Manhole - Utility Services V_(USACE)
Description: Manhole - Utility Services

M



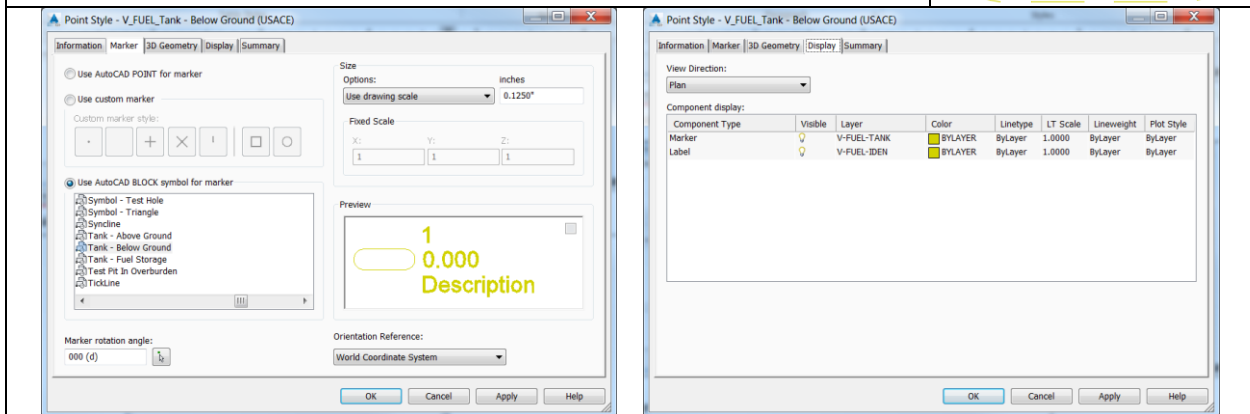
Name: FUEL_Tank - Above Ground V_(USACE)
Description: Tank - Above Ground





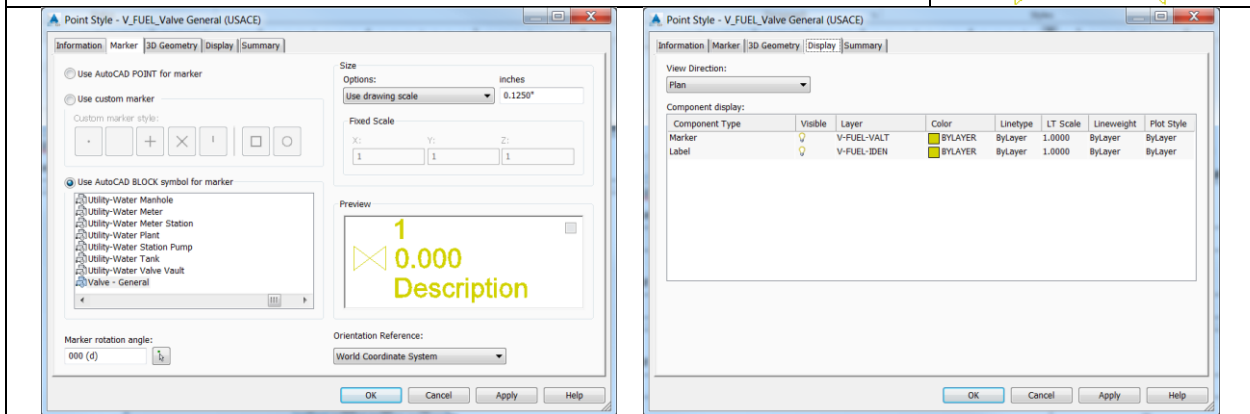
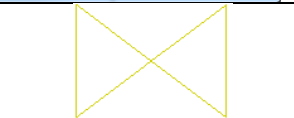
Name: FUEL_Tank - Below Ground V_(USACE)

Description: Tank - Below Ground



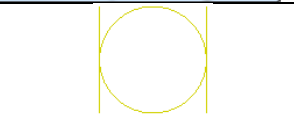
Name: FUEL_Valve General V_(USACE)

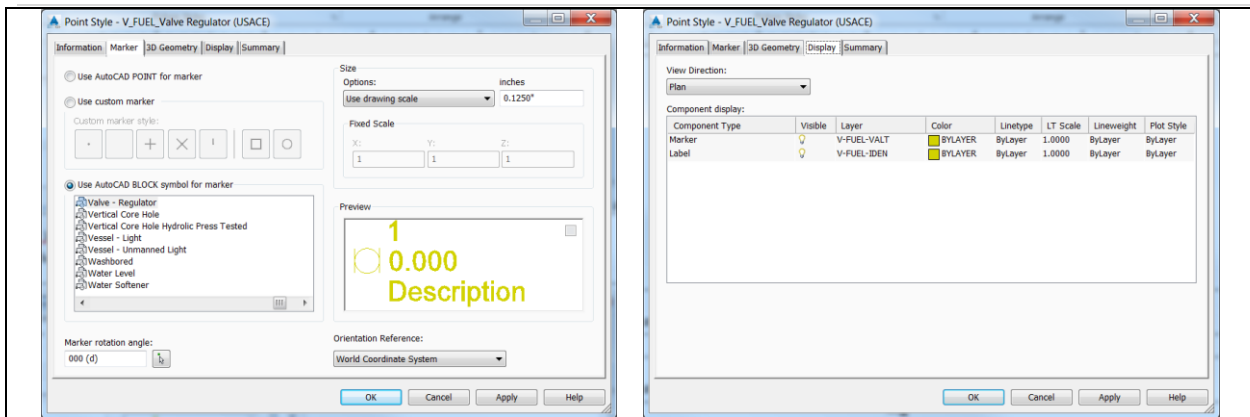
Description: Valve - General



Name: FUEL_Valve Regulator V_(USACE)

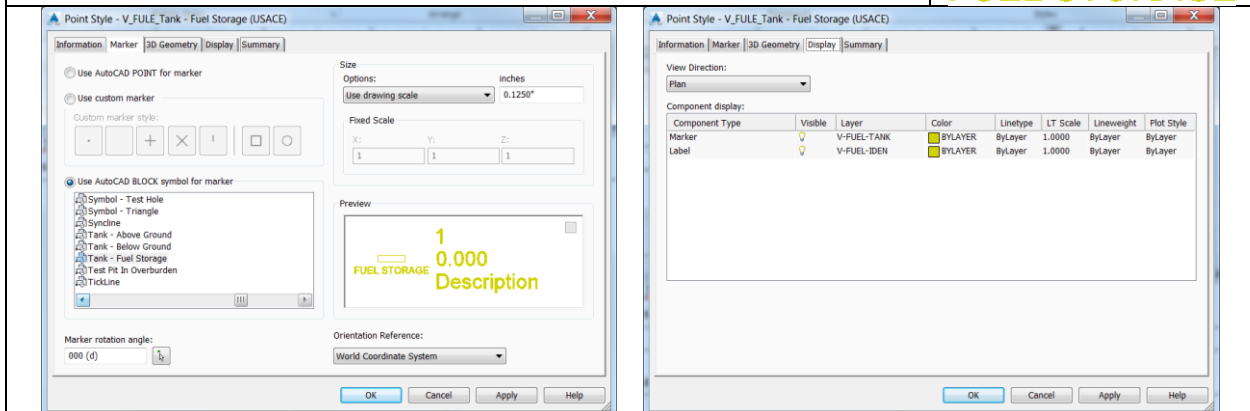
Description: Valve - Regulator



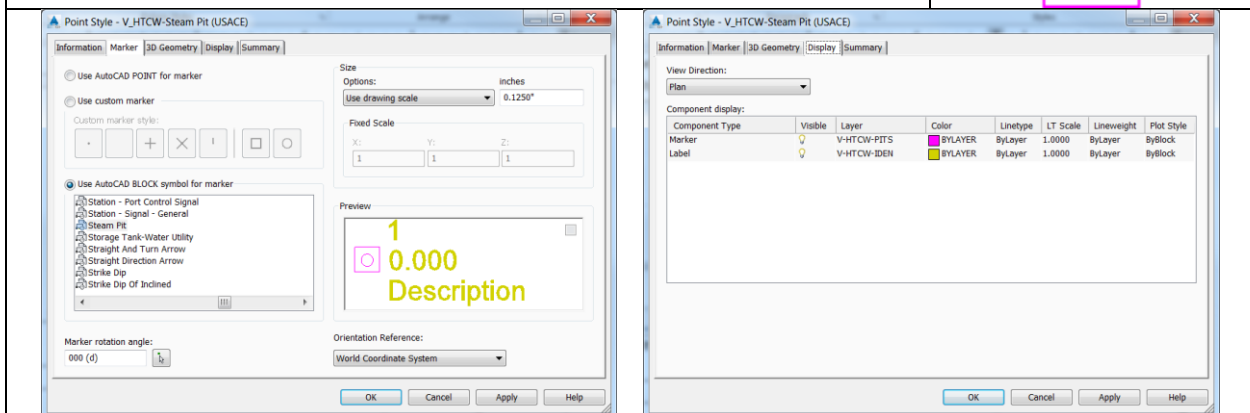


Name: FULE_Tank - Fuel Storage V_(USACE)
Description: Tank - Fuel Storage

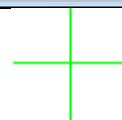
FUEL STORAGE

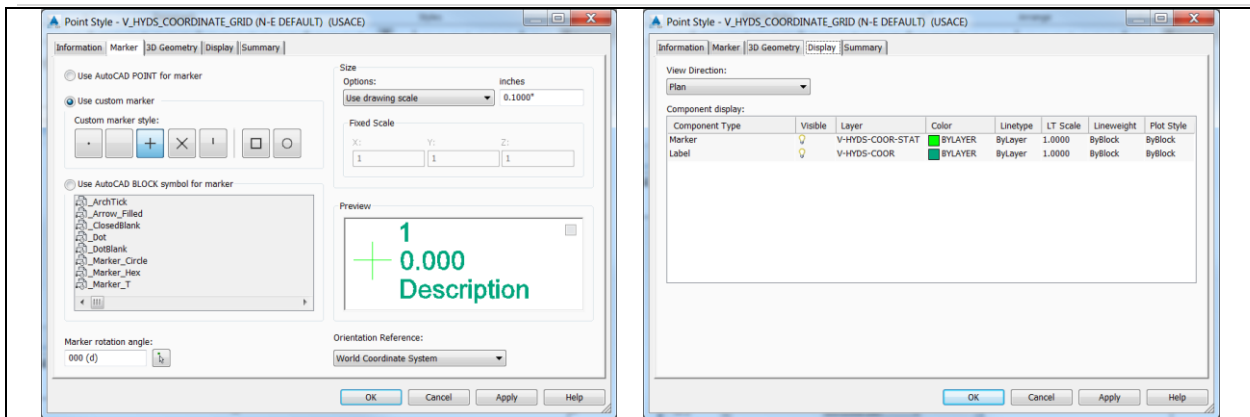


Name: HTCW-Steam Pit V_(USACE)
Description: Steam Pit



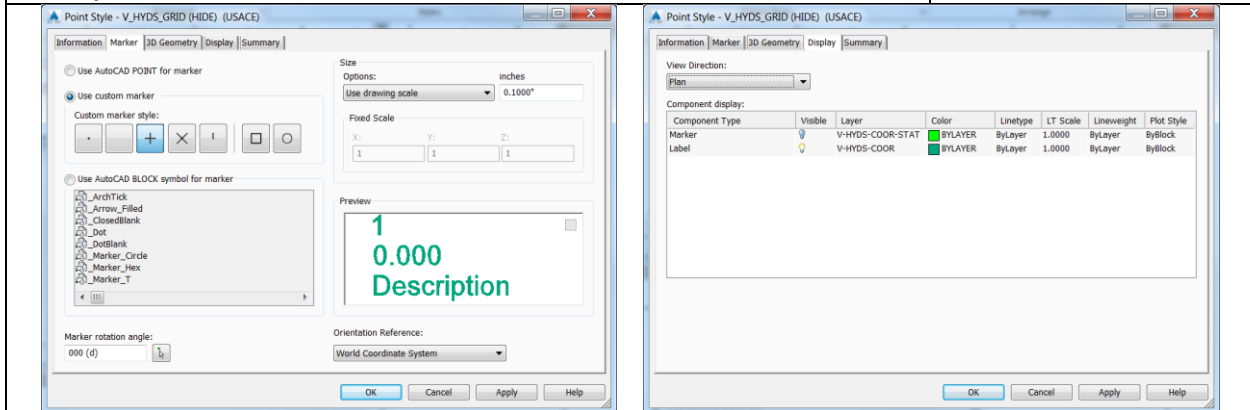
Name: HYDS_COORDINATE_GRID (N-E DEFAULT) V_(USACE)
Description:





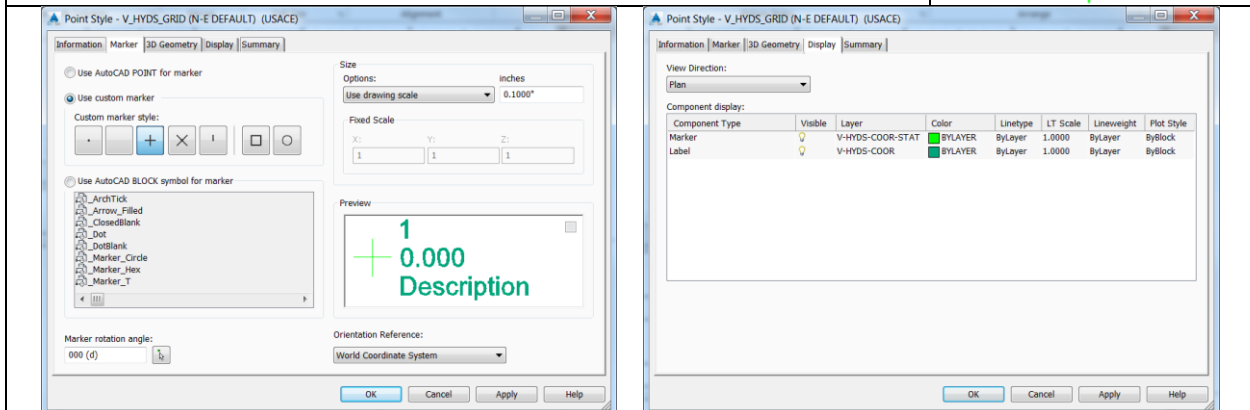
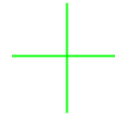
Name: HYDS_GRID (HIDE) V_(USACE)

Description:



Name: HYDS_GRID (N-E DEFAULT) V_(USACE)

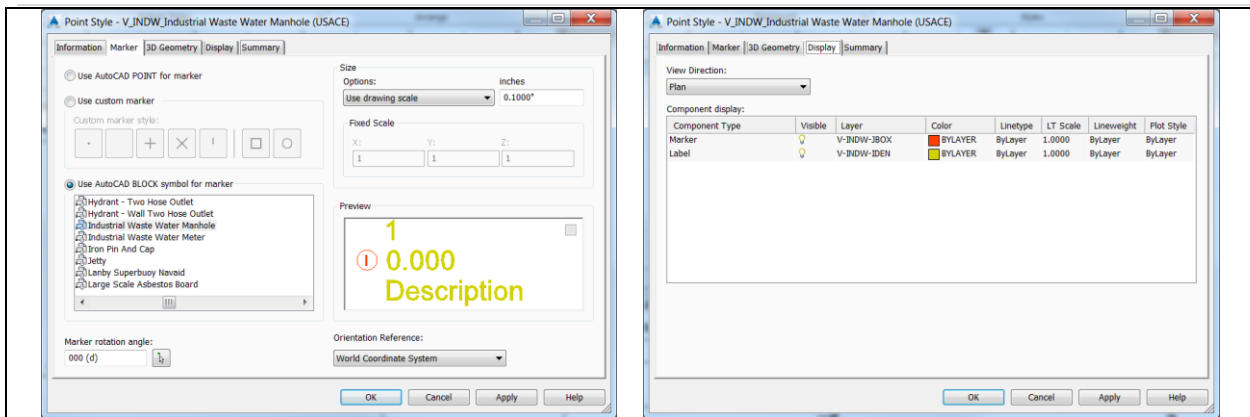
Description:



Name: INDW_Industrial Waste Water Manhole V_(USACE)

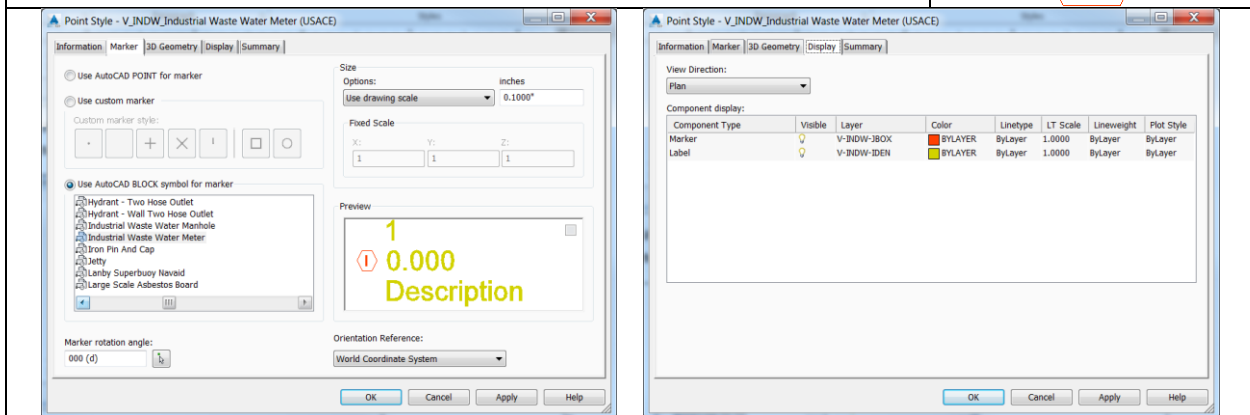
Description: Industrial Waste Water Manhole





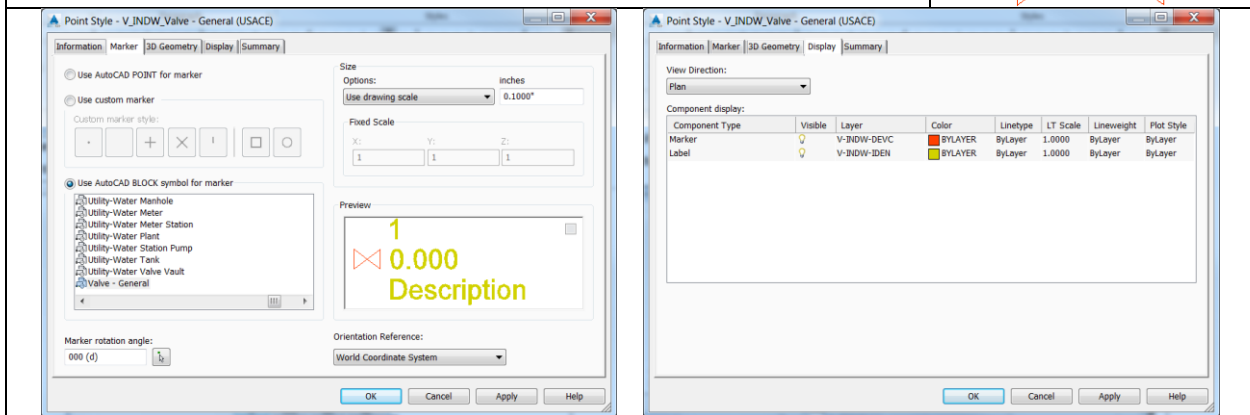
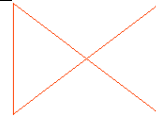
Name: INDW_Industrial Waste Water Meter V_(USACE)

Description: Industrial Waste Water Meter



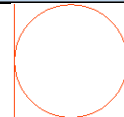
Name: INDW_Valve - General V_(USACE)

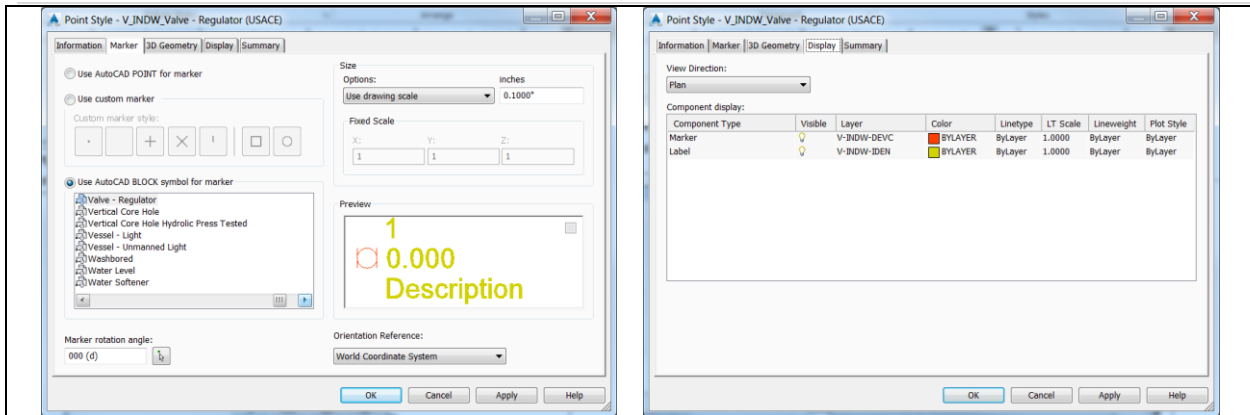
Description: Valve - General



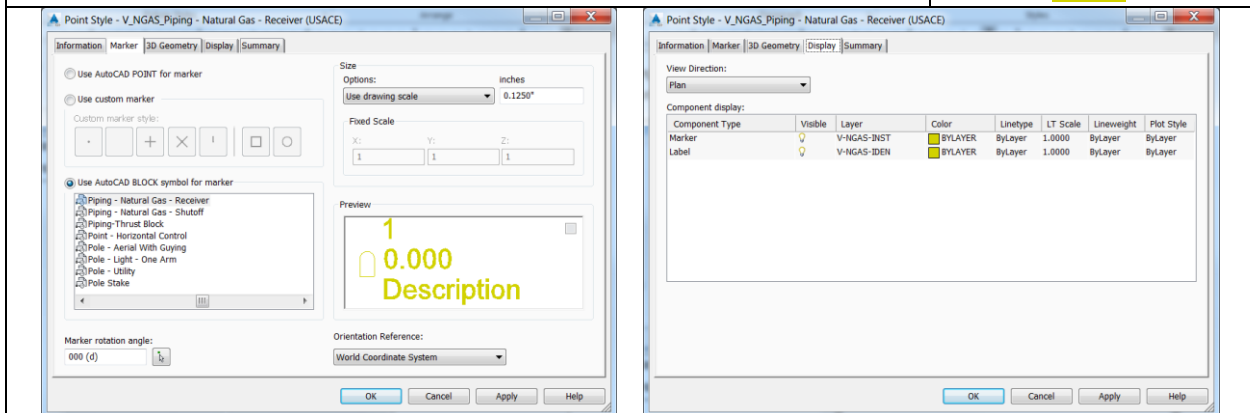
Name: INDW_Valve - Regulator V_(USACE)

Description: Valve - Regulator

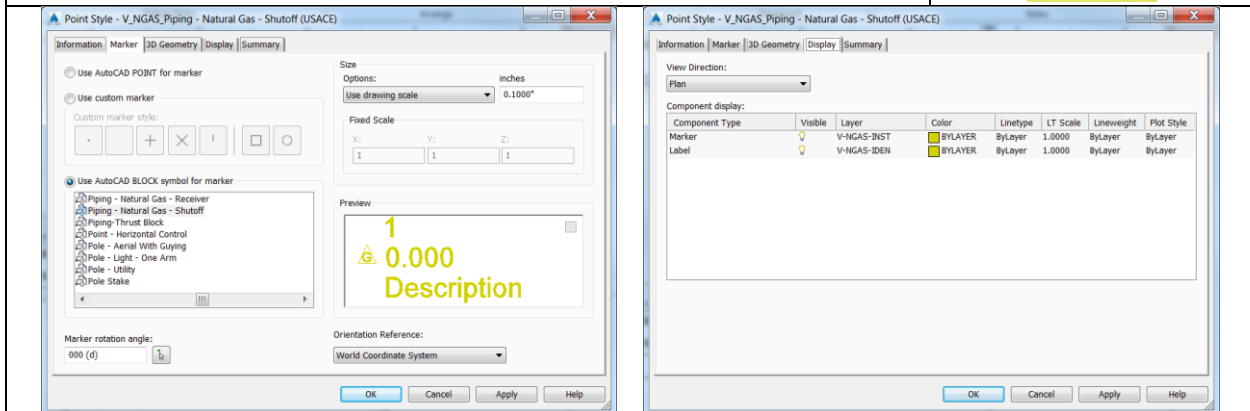




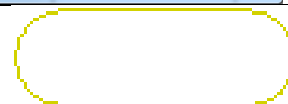
Name: NGAS_Piping - Natural Gas - Receiver V_(USACE)
Description: Piping - Natural Gas - Receiver

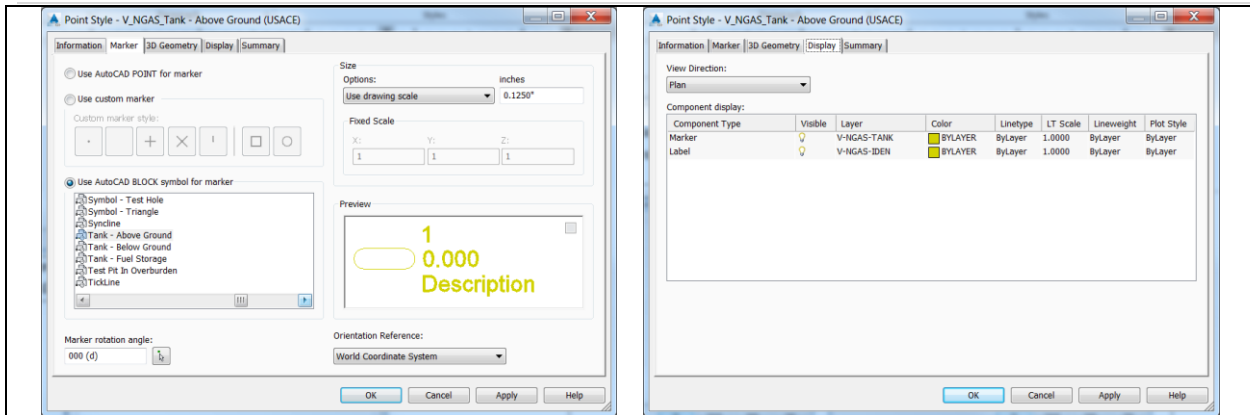


Name: NGAS_Piping - Natural Gas - Shutoff V_(USACE)
Description: Piping - Natural Gas - Shutoff



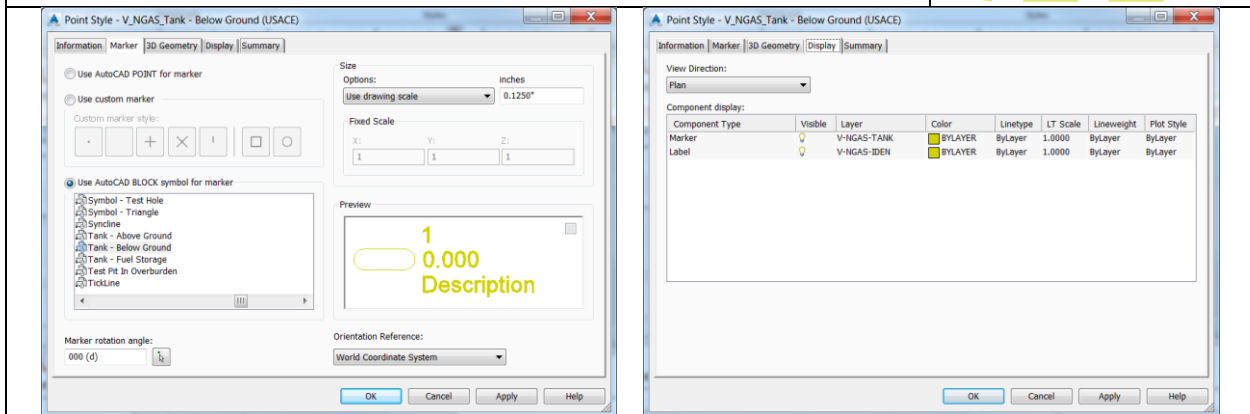
Name: NGAS_Tank - Above Ground V_(USACE)
Description: Tank - Above Ground





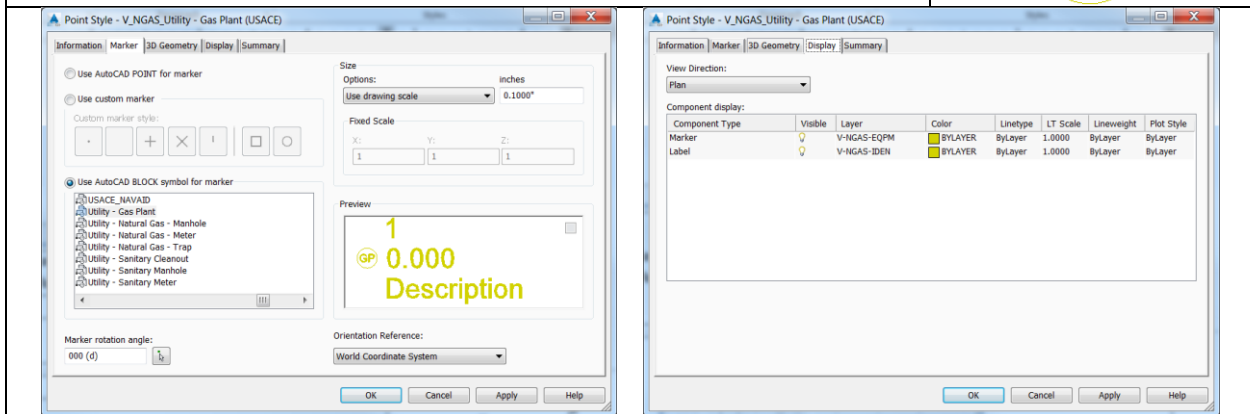
Name: NGAS_Tank - Below Ground V_(USACE)

Description: Tank - Below Ground



Name: NGAS_Utility - Gas Plant V_(USACE)

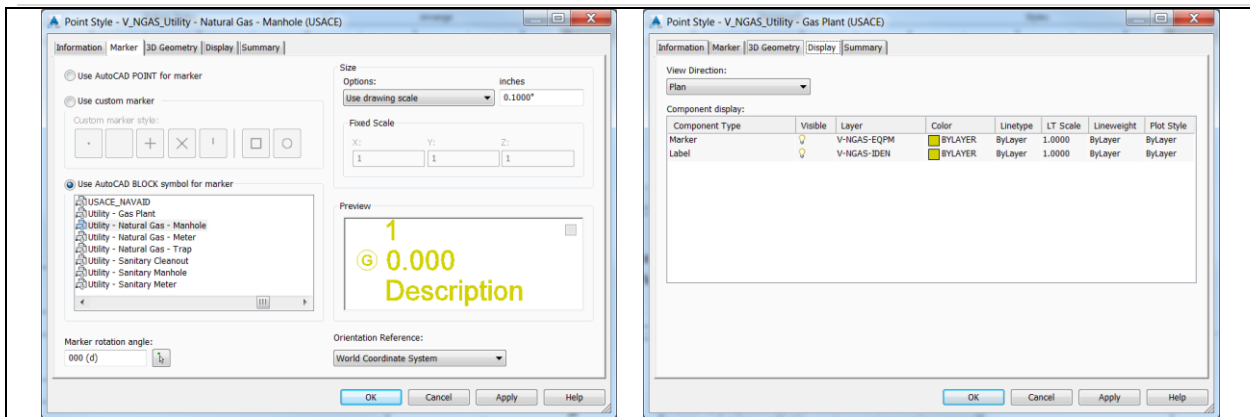
Description: Utility - Gas Plant



Name: NGAS_Utility - Natural Gas - Manhole V_(USACE)

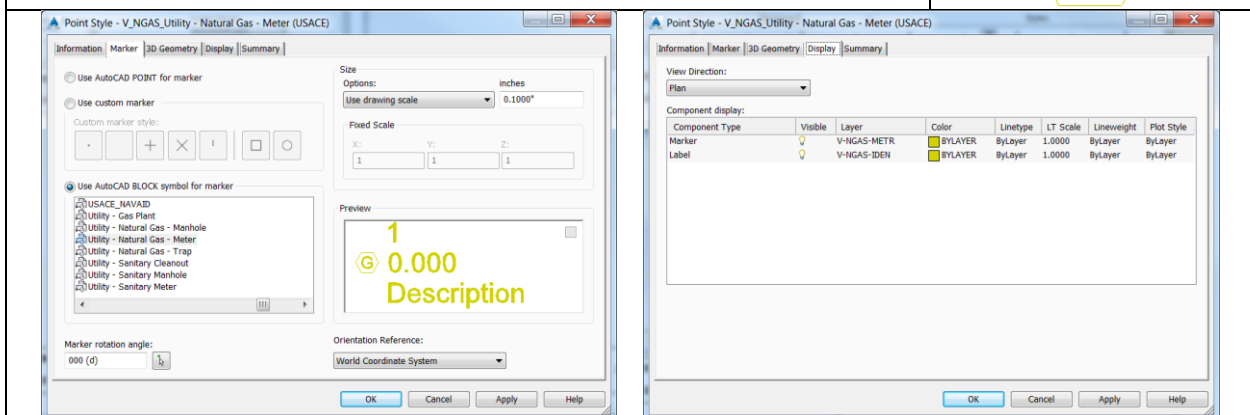
Description: Utility - Natural Gas - Manhole





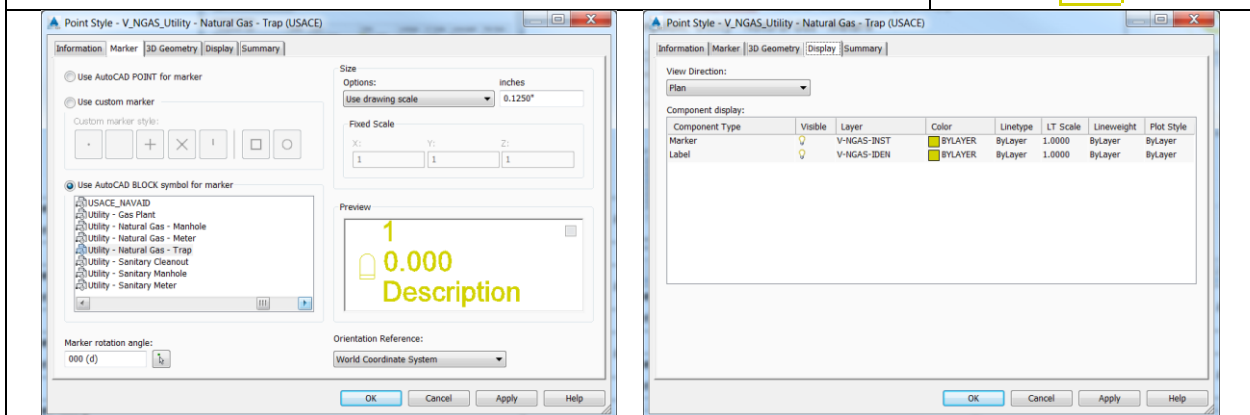
Name: NGAS_UTILITY - Natural Gas - Meter V_(USACE)

Description: Utility - Natural Gas - Meter



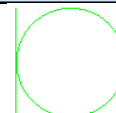
Name: NGAS_UTILITY - Natural Gas - Trap V_(USACE)

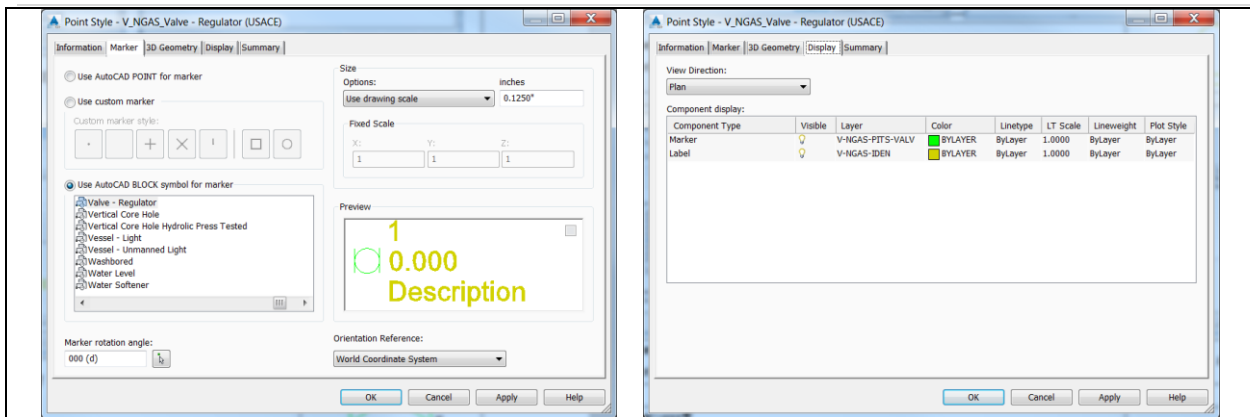
Description: Utility - Natural Gas - Trap



Name: NGAS_Valve - Regulator V_(USACE)

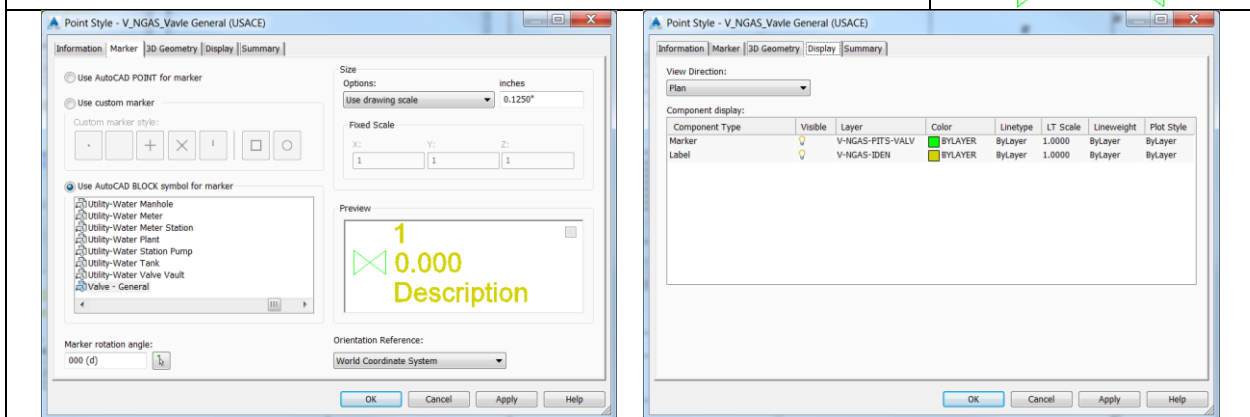
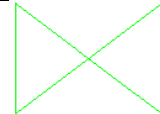
Description: Valve - Regulator





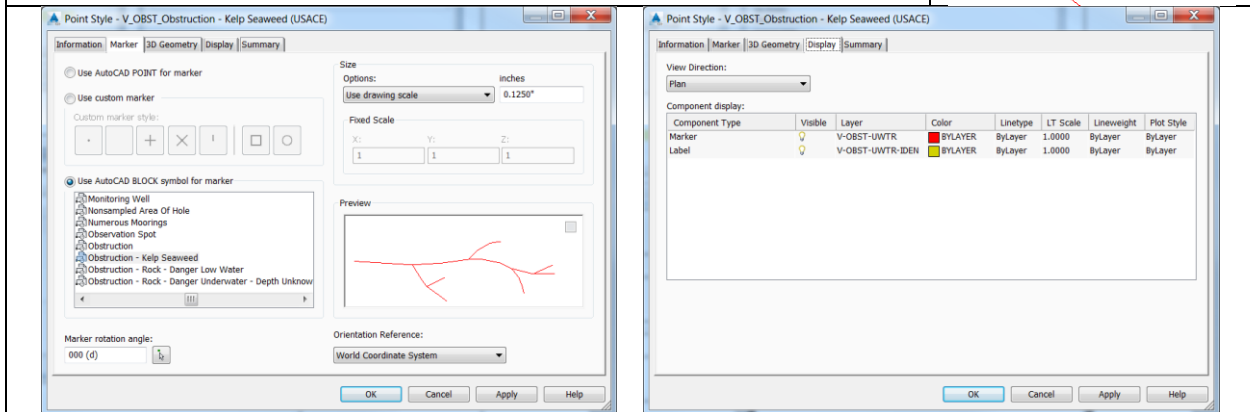
Name: NGAS_Valve General V_(USACE)

Description: Valve - General



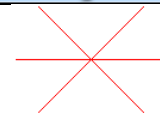
Name: OBST_Obstruction - Kelp Seaweed V_(USACE)

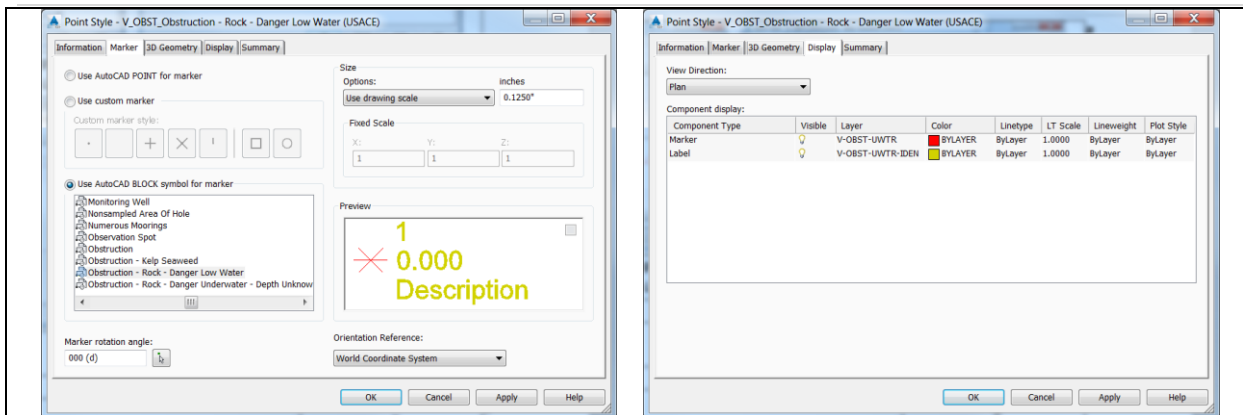
Description: Obstruction - Kelp Seaweed



Name: OBST_Obstruction - Rock - Danger Low Water V_(USACE)

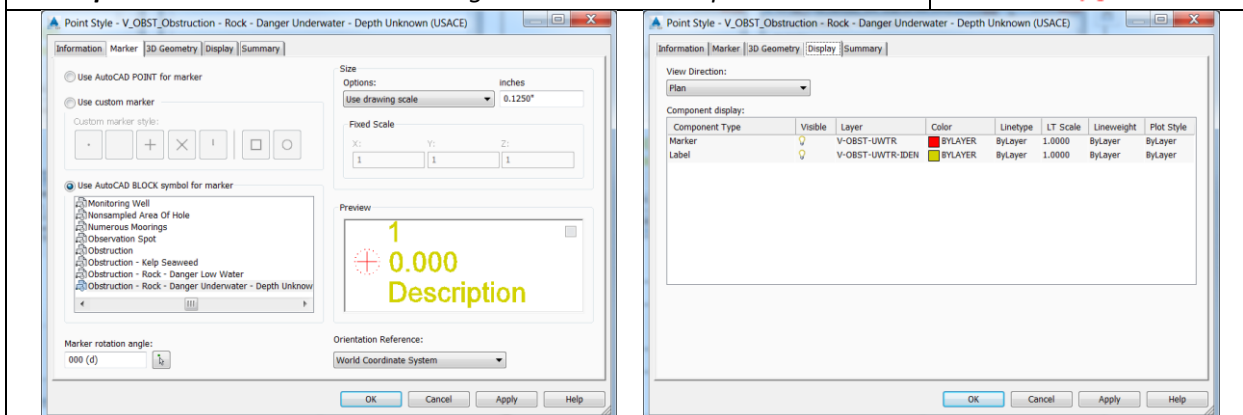
Description: Obstruction - Rock - Danger Low Water





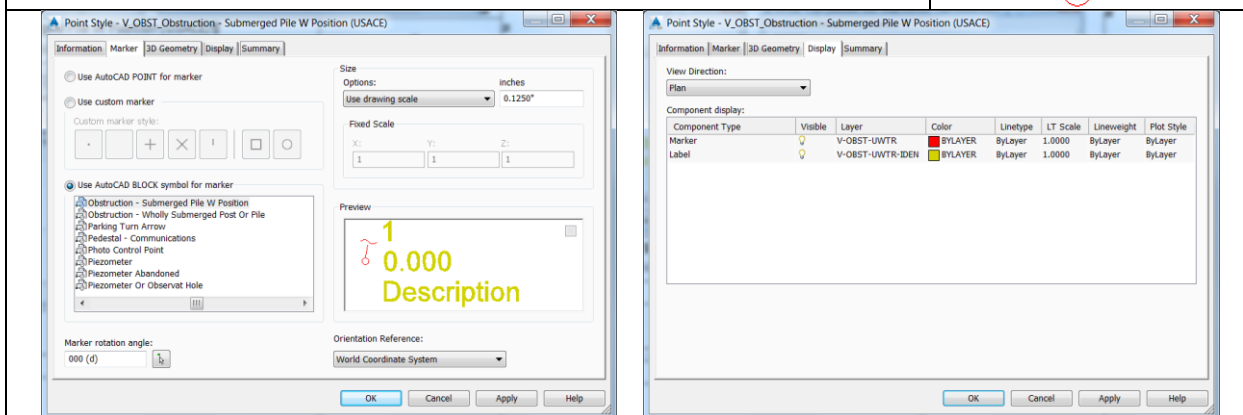
Name: OBST_Obstruction - Rock - Danger Underwater - Depth Unknown V_(USACE)

Description: Obstruction - Rock - Danger Underwater - Depth Unknown



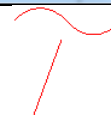
Name: OBST_Obstruction - Submerged Pile W Position V_(USACE)

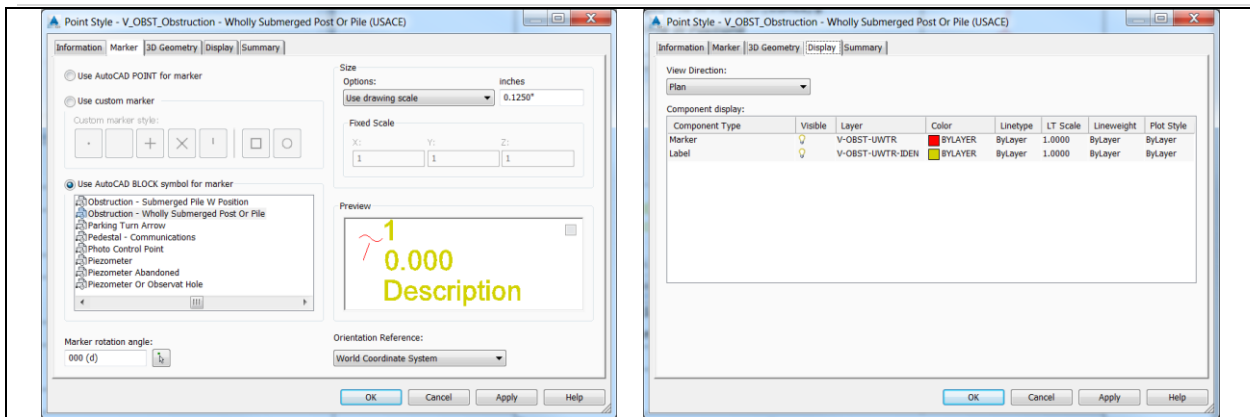
Description: Obstruction - Submerged Pile W Position



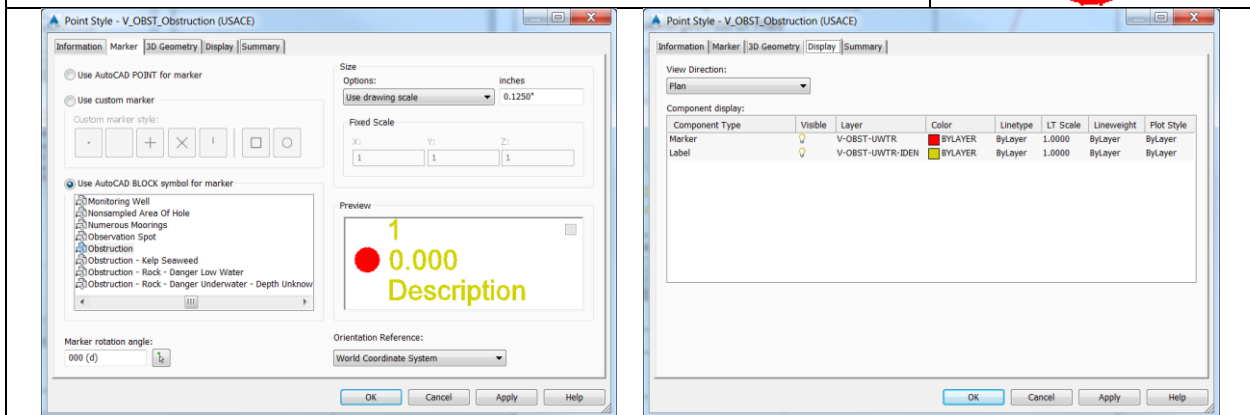
Name: OBST_Obstruction - Wholly Submerged Post Or Pile V_(USACE)

Description: Obstruction - Wholly Submerged Post Or Pile

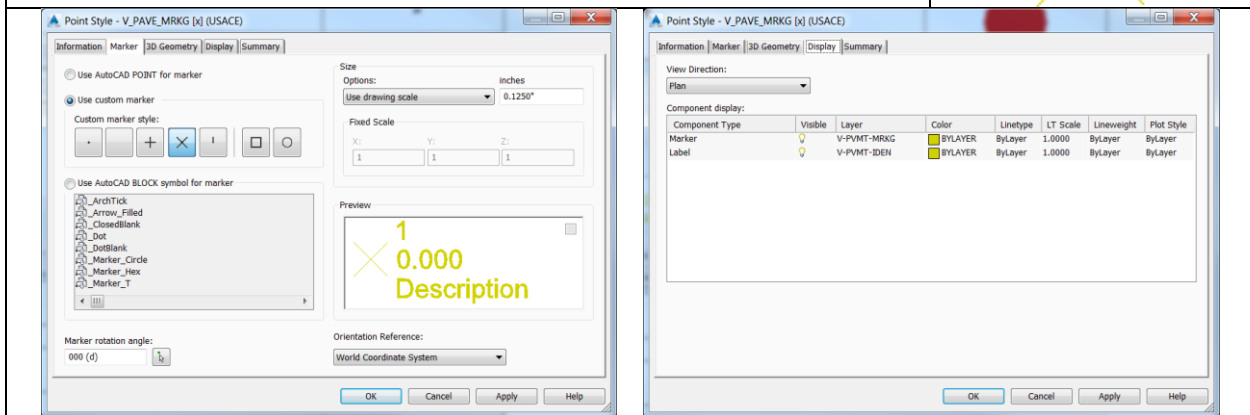




Name: OBST_Obstruction V_(USACE)
Description: Obstruction

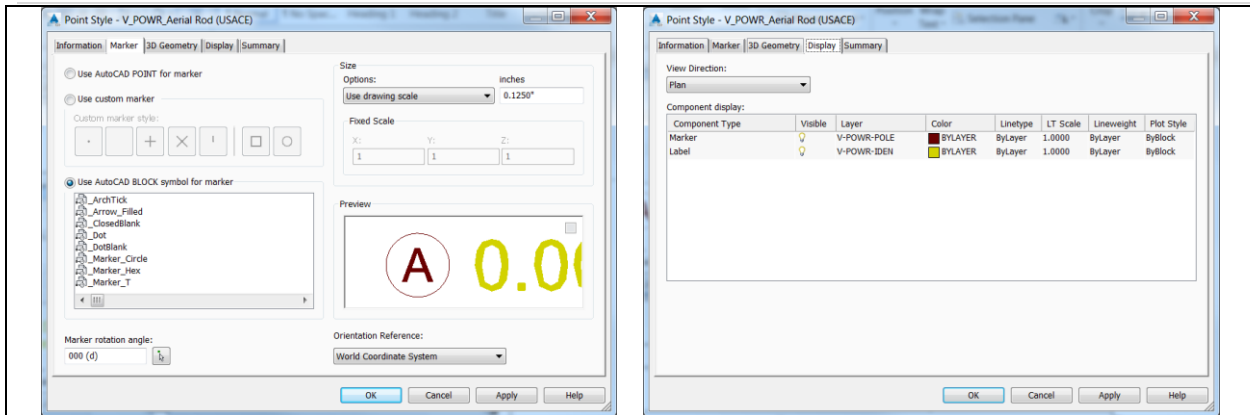


Name: PAVE_MRKG [x] V_(USACE)
Description: Standard "X" Marker



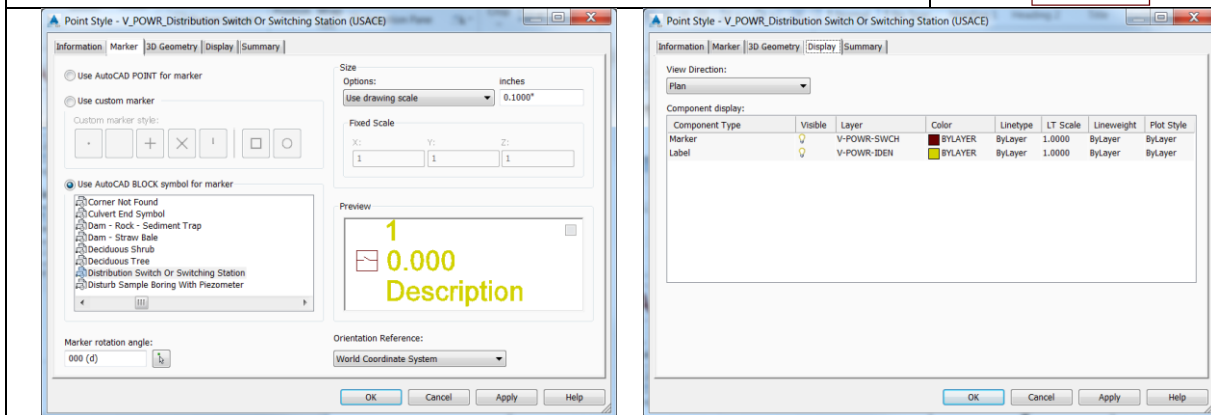
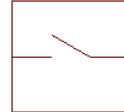
Name: POWR_Aerial Rod V_(USACE)
Description: Aerial Rod





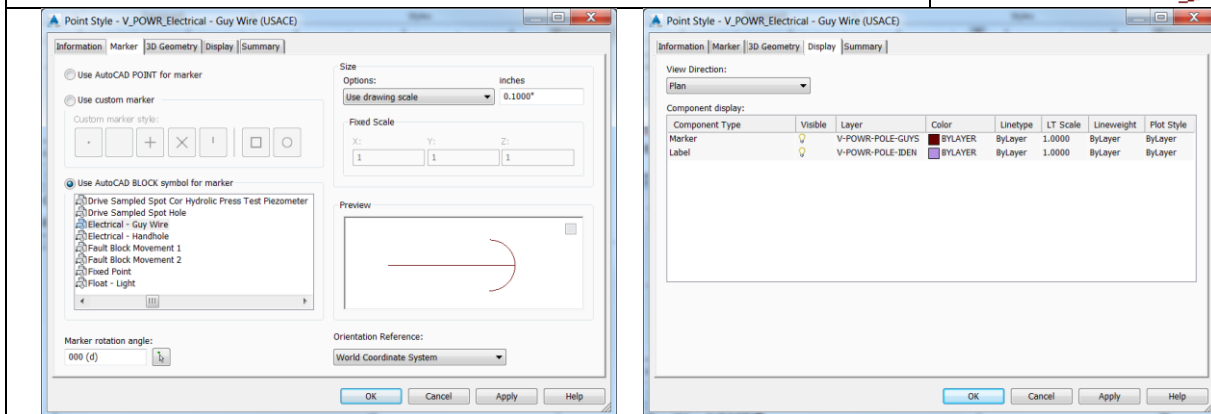
Name: POWR_Distribution Switch Or Switching Station V_(USACE)

Description: Distribution Switch Or Switching Station



Name: POWR_Electrical - Guy Wire V_(USACE)

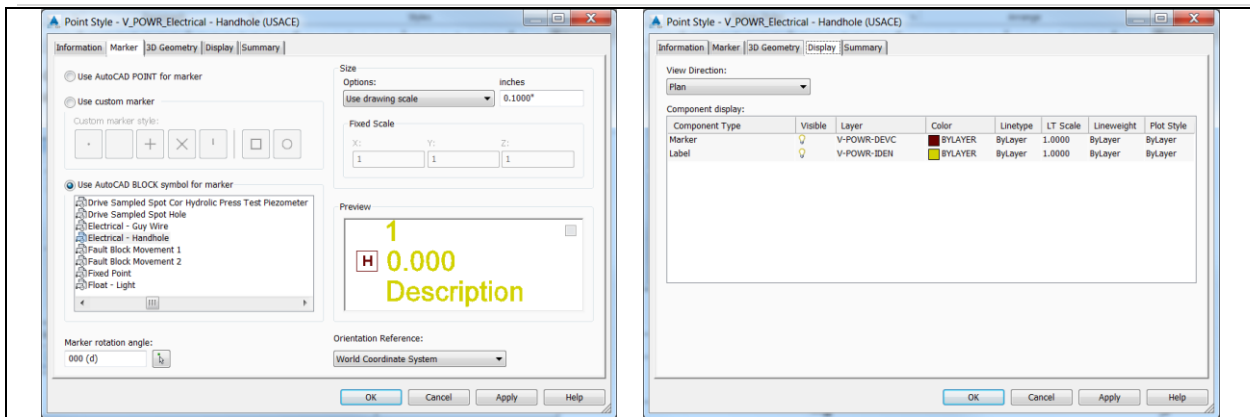
Description: Electrical - Guy Wire



Name: POWR_Electrical - Handhole V_(USACE)

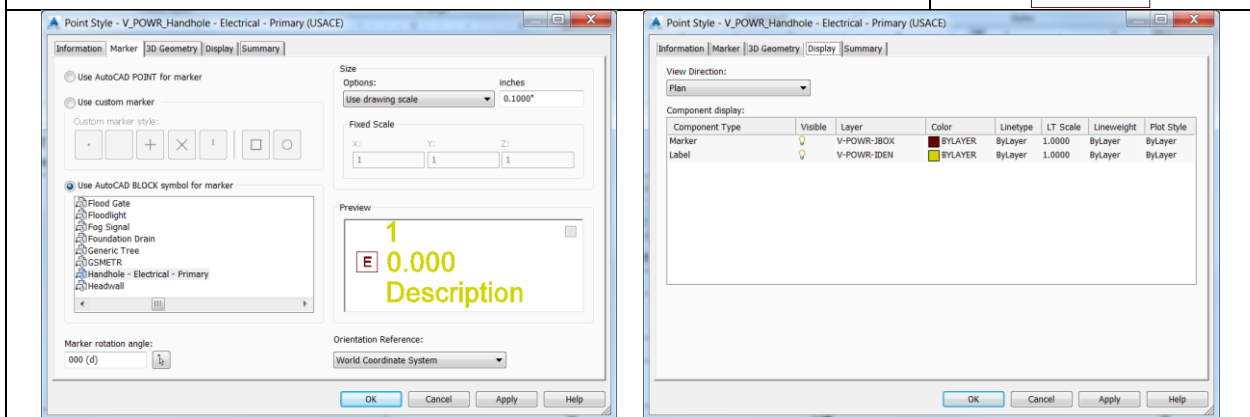
Description: Electrical - Handhole





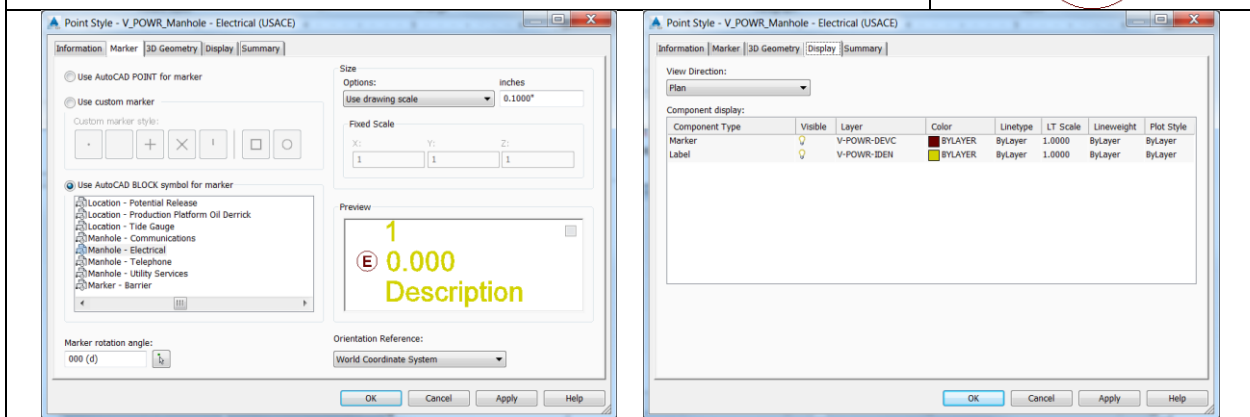
Name: POWR_Handhole - Electrical - Primary V_(USACE)
Description: Handhole - Electrical - Primary

E



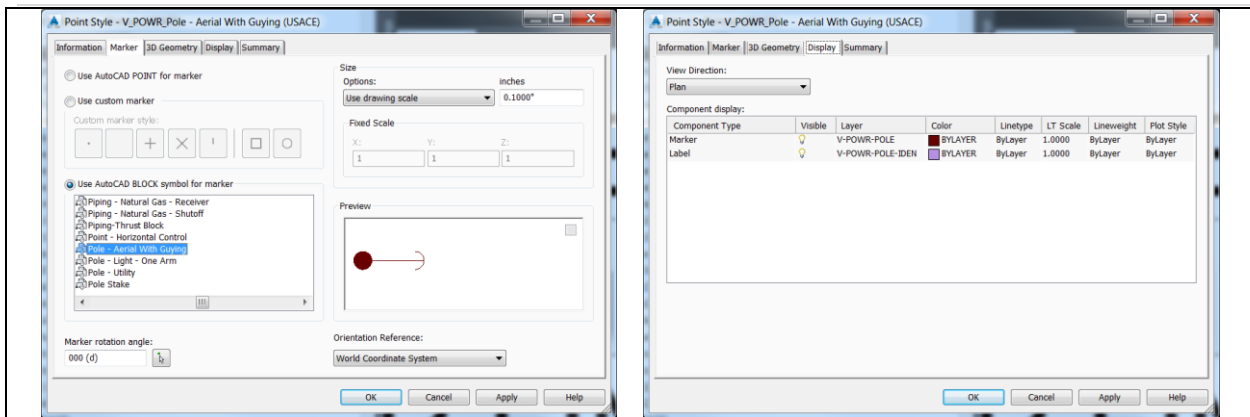
Name: POWR_Manhole - Electrical V_(USACE)
Description: Manhole - Electrical

E

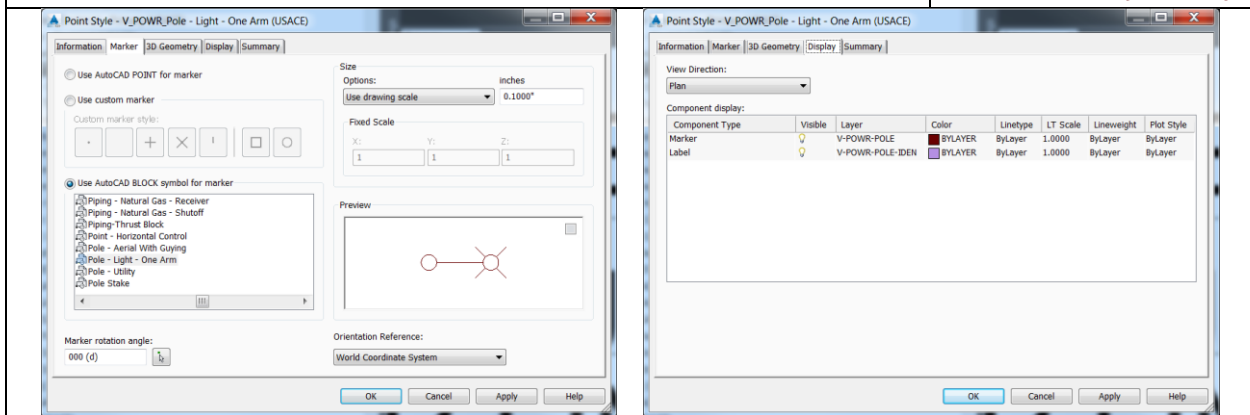


Name: POWR_Pole - Aerial With Guying V_(USACE)
Description: Pole - Aerial With Guying

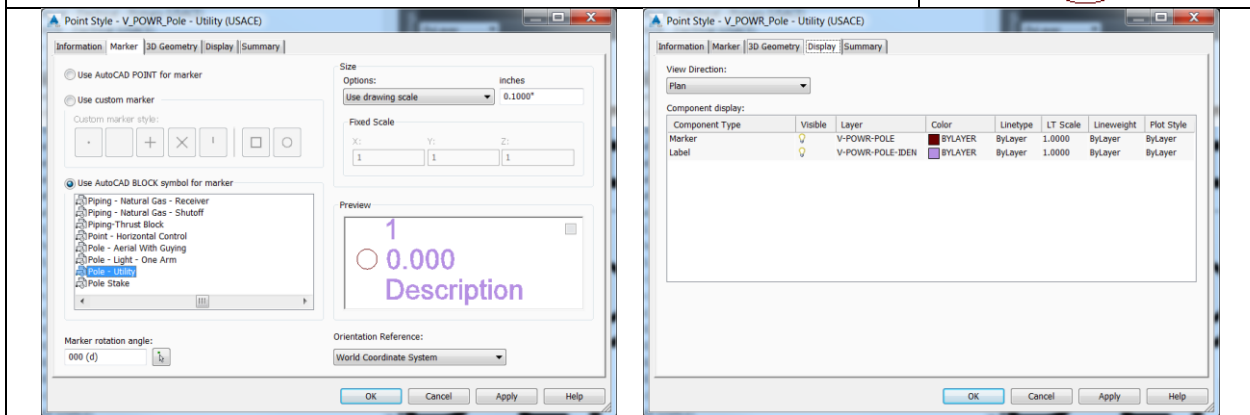




Name: POWR_Pole - Light - One Arm V_(USACE)
Description: Pole - Light - One Arm

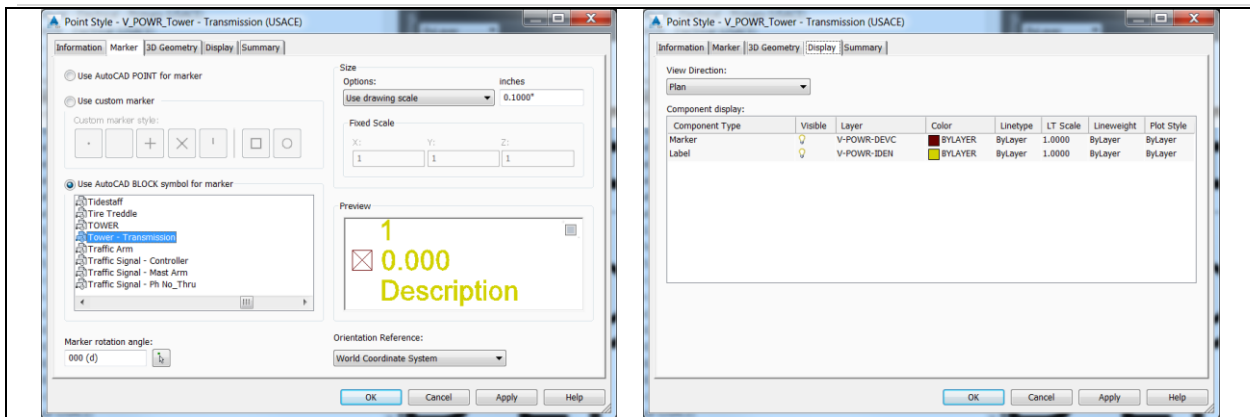


Name: POWR_Pole - Utility V_(USACE)
Description: Pole - Utility

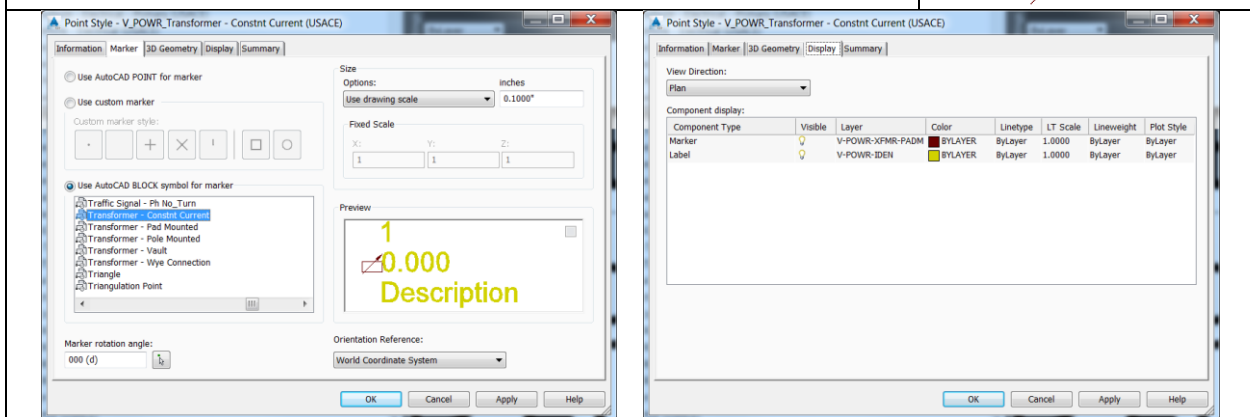
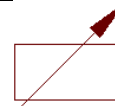


Name: POWR_Tower - Transmission V_(USACE)
Description: Tower - Transmission

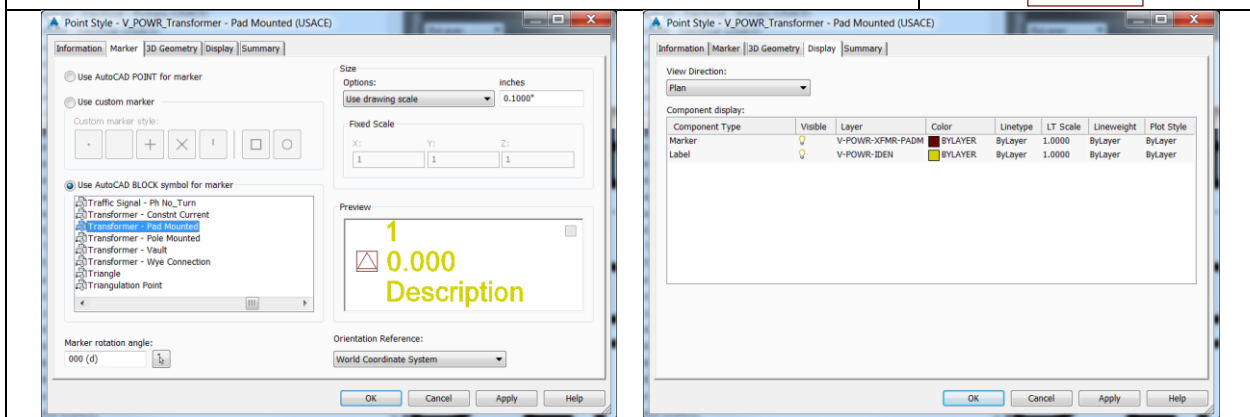
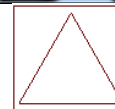




Name: POWR_Transformer - Constnt Current V_(USACE)
Description: Transformer - Constnt Current

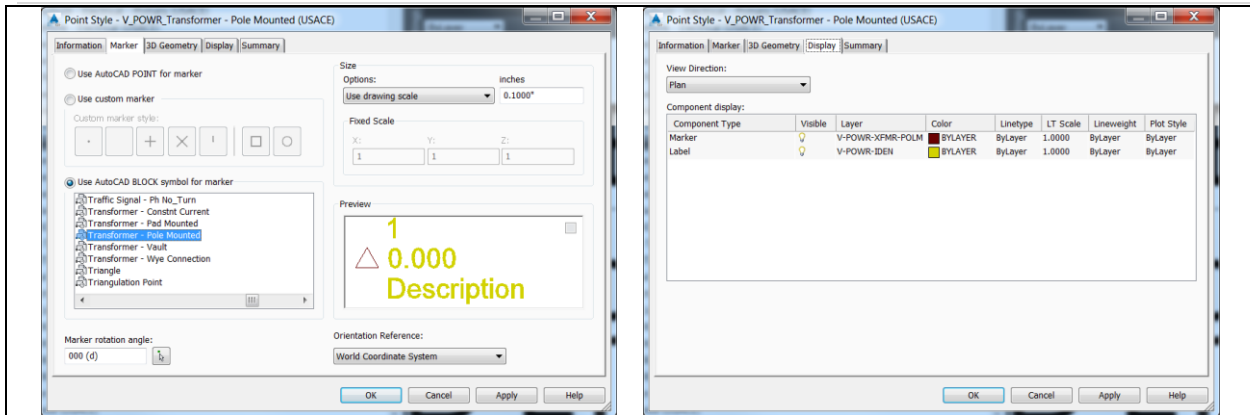


Name: POWR_Transformer - Pad Mounted V_(USACE)
Description: Transformer - Pad Mounted



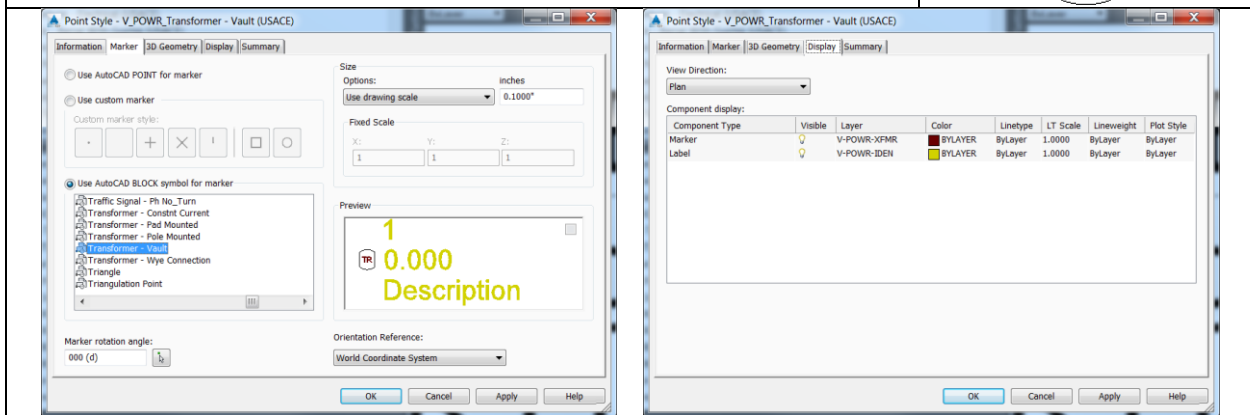
Name: POWR_Transformer - Pole Mounted V_(USACE)
Description: Transformer - Pole Mounted



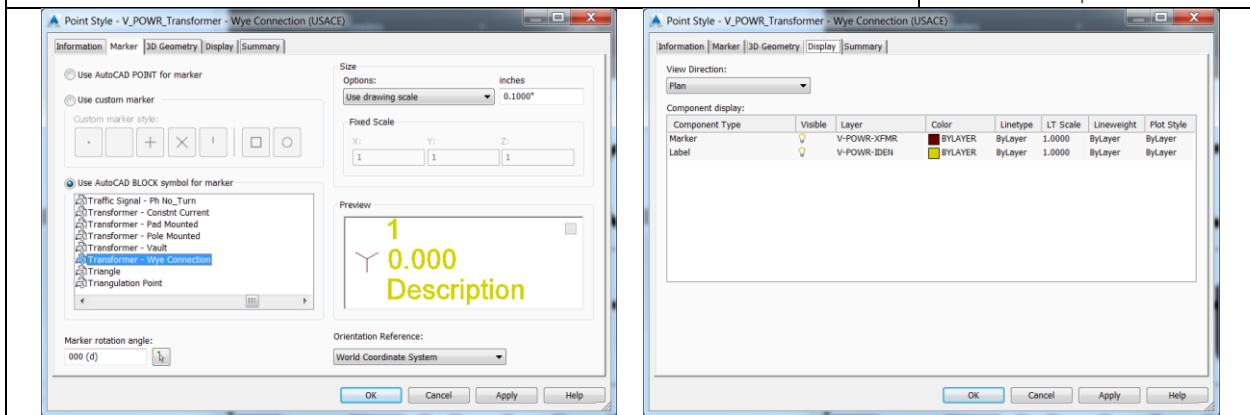


Name: POWR_Transformer - Vault V_(USACE)
Description: Transformer - Vault

TR

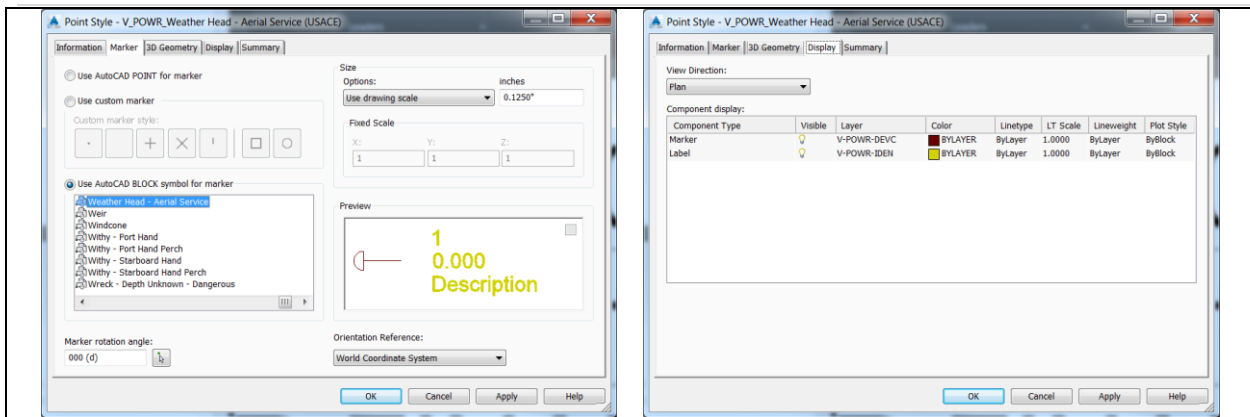


Name: POWR_Transformer - Wye Connection V_(USACE)
Description: Transformer - Wye Connection

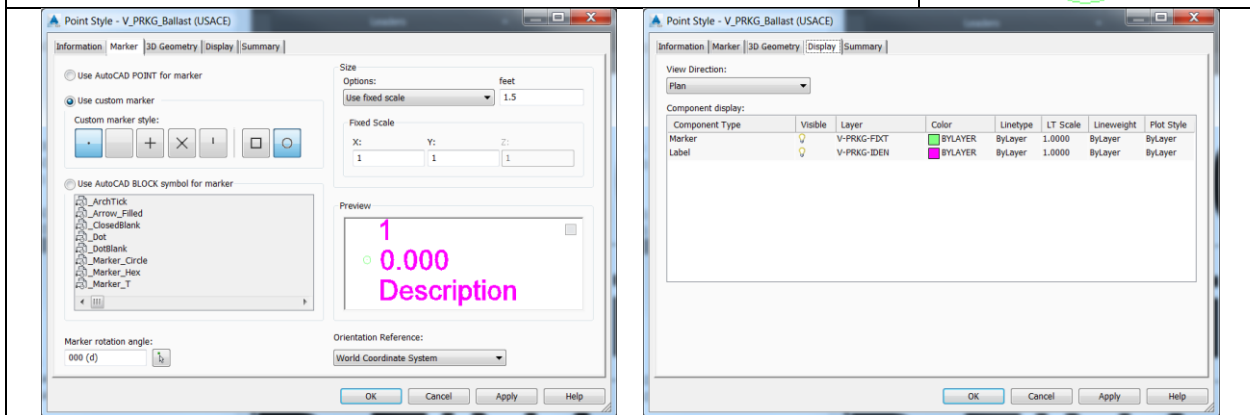


Name: POWR_Weather Head - Aerial Service V_(USACE)
Description: Weather Head - Aerial Service

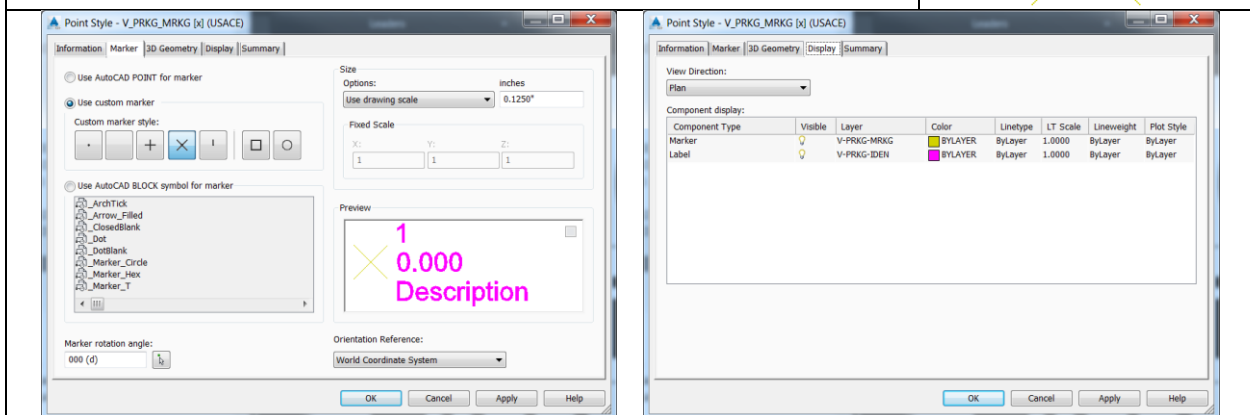




Name: PRKG_Ballast V_(USACE)
Description: Ballast

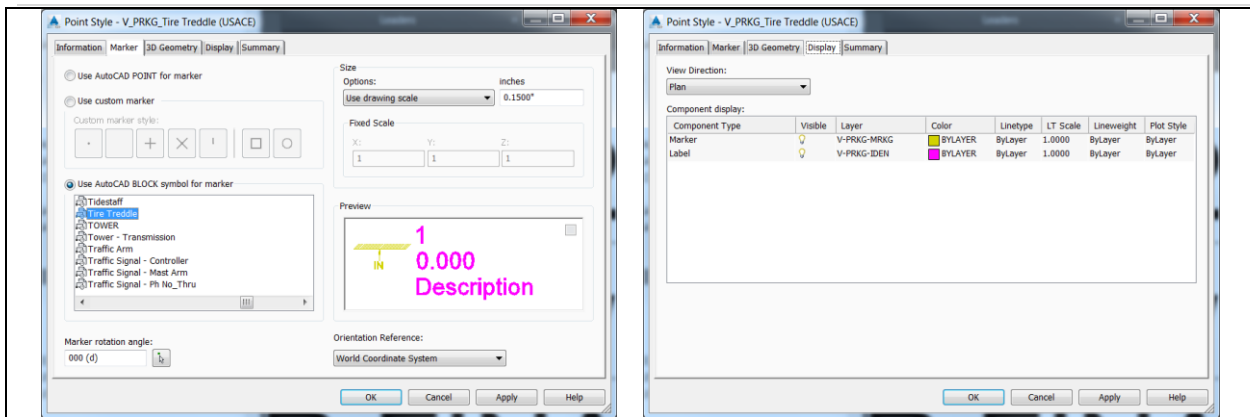


Name: PRKG_MRKG [x] V_(USACE)
Description: X

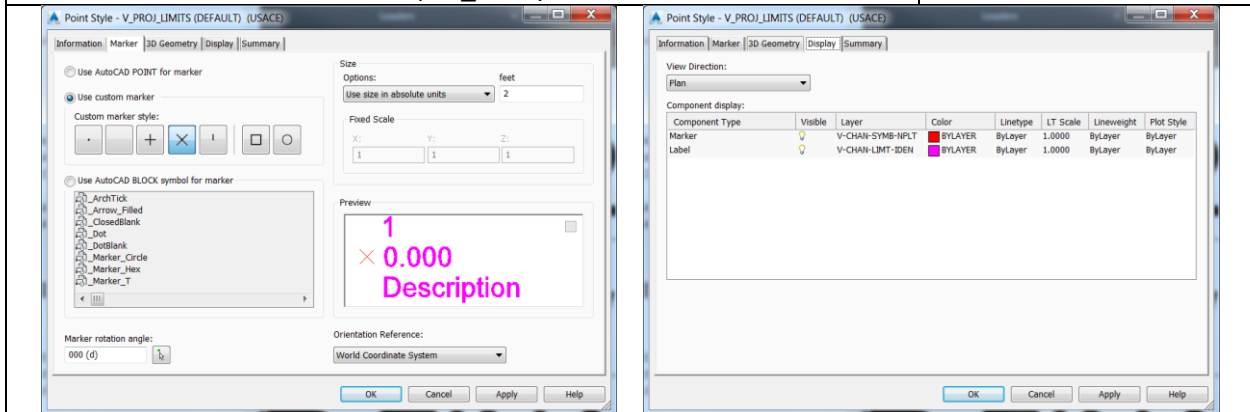


Name: PRKG_Tire Treddle V_(USACE)
Description: Tire Treddle

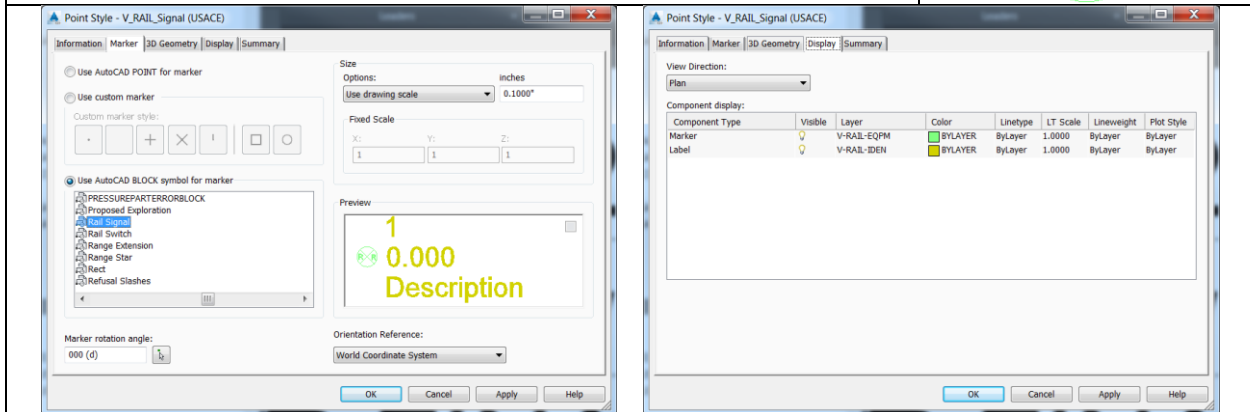




Name: PROJ_LIMITS (DEFAULT) V_(USACE)
Description: PROJECT LIMITS SYMBOL (DEFAULT)
 FOR USACE-POA-SURVEY PROJECTS
 MARKER X IS NOT PLOTTED
 SYMBOL USES CUSTOM MARKER (NO_PLOT)

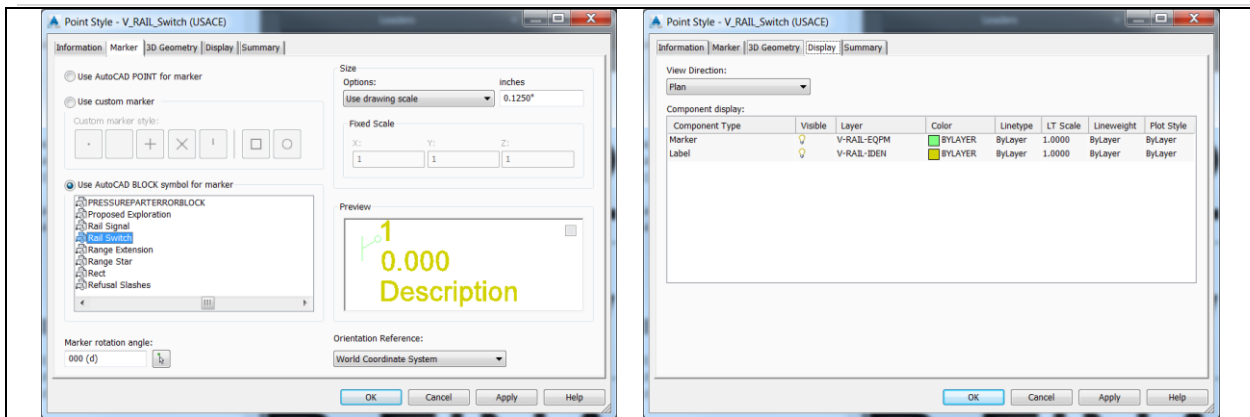


Name: RAIL_Signal V_(USACE)
Description: Rail Signal



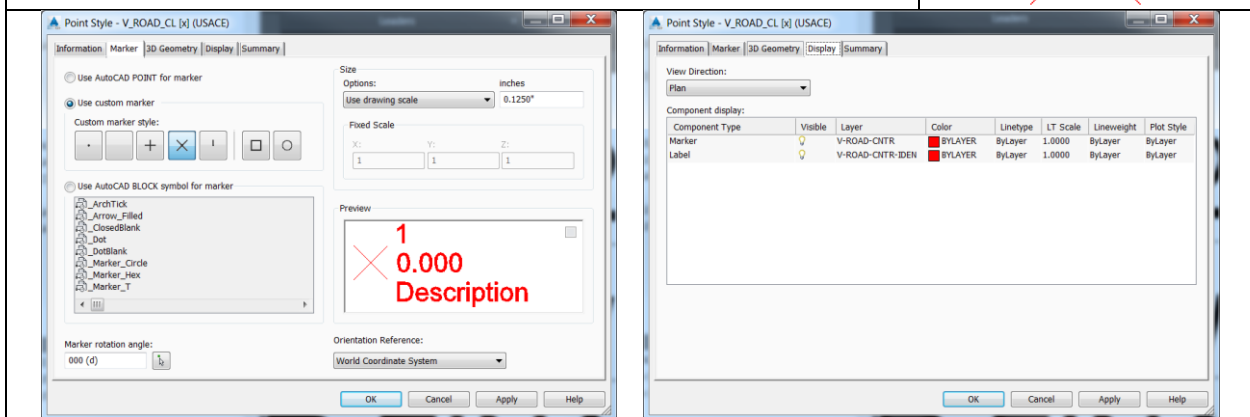
Name: RAIL_Switch V_(USACE)
Description: Rail Switch





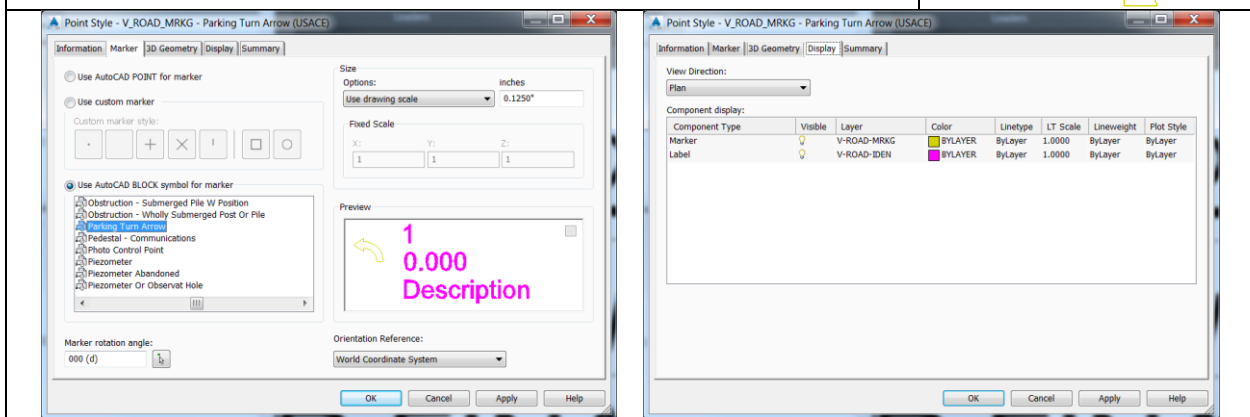
Name: ROAD_CL [x] V_(USACE)

Description: X



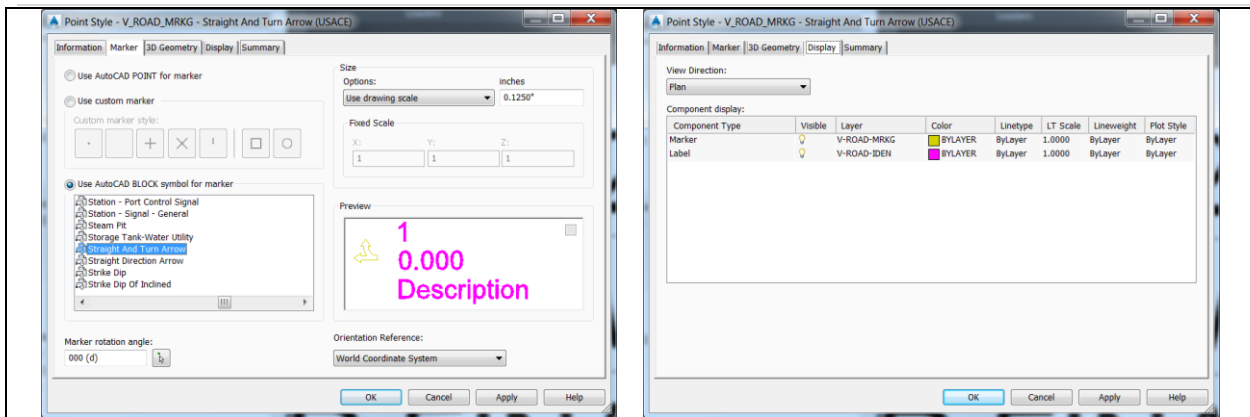
Name: ROAD_MRKG - Parking Turn Arrow V_(USACE)

Description: Parking Turn Arrow



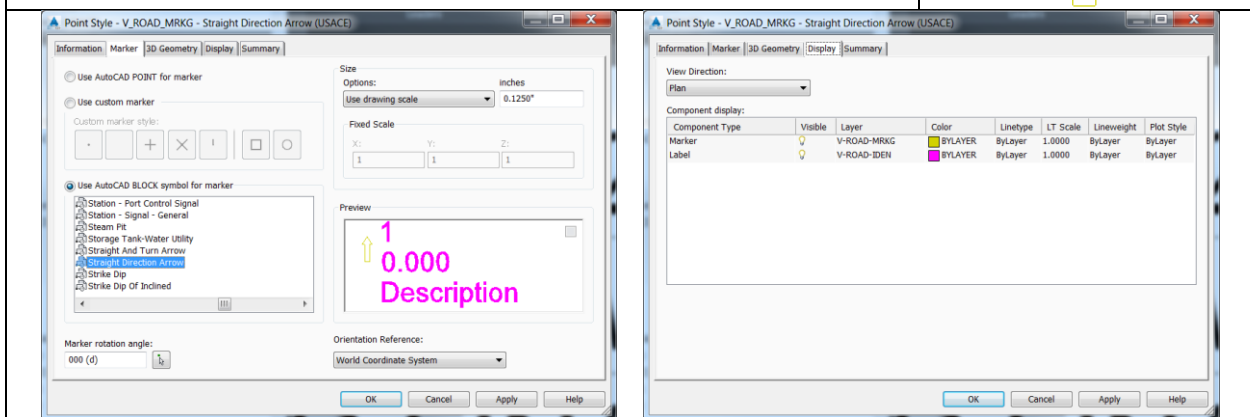
Name: ROAD_MRKG - Straight And Turn Arrow V_(USACE)

Description: Straight And Turn Arrow



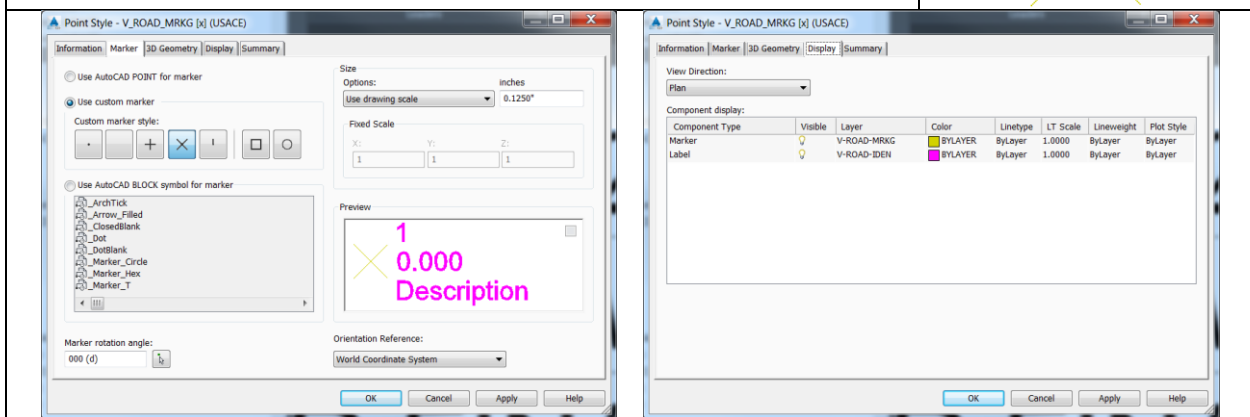
Name: ROAD_MRKG - Straight Direction Arrow V_(USACE)

Description: Straight Direction Arrow



Name: ROAD_MRKG [x] V_(USACE)

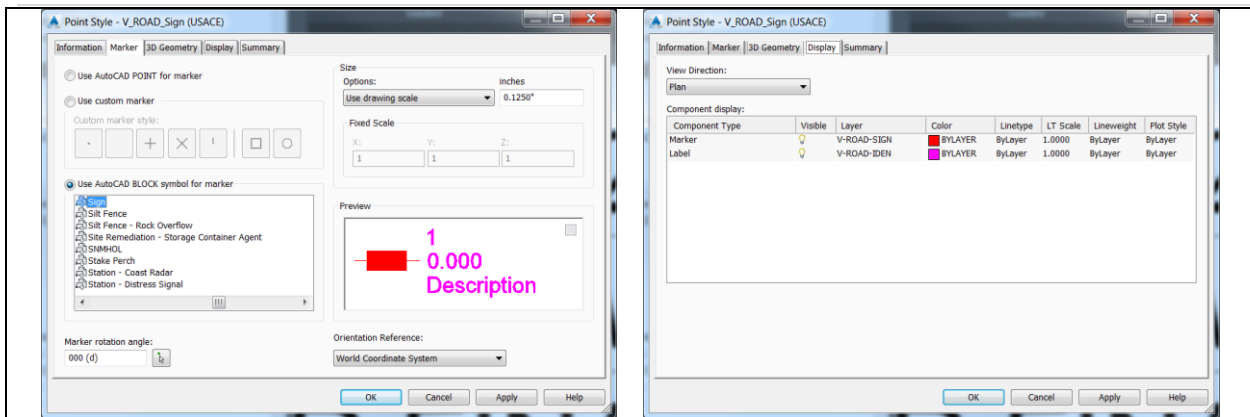
Description: X



Name: ROAD_Sign V_(USACE)

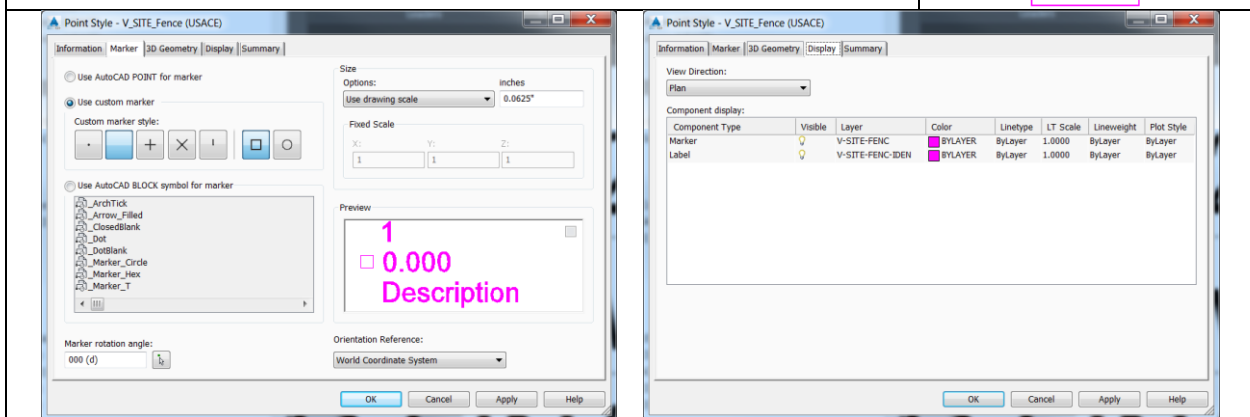
Description: SIGN





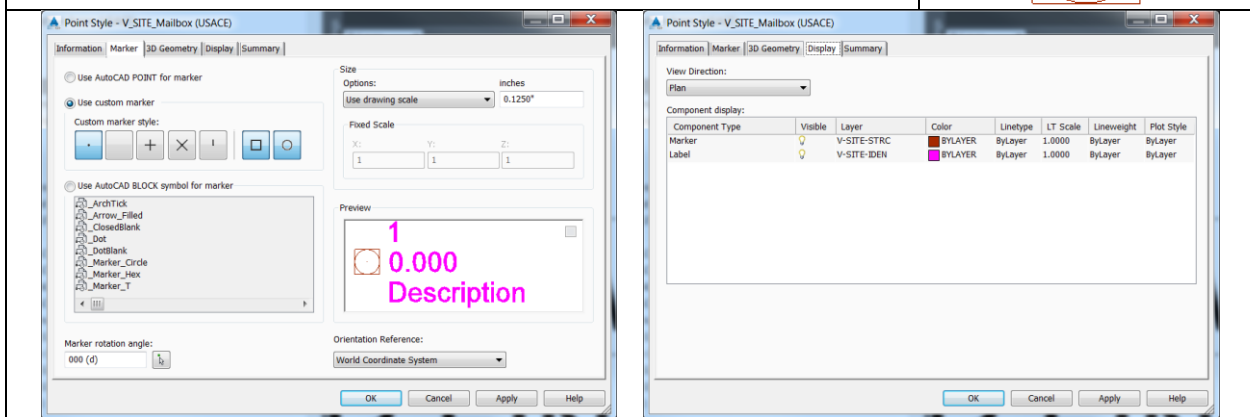
Name: SITE_Fence V_(USACE)

Description:



Name: SITE_Mailbox V_(USACE)

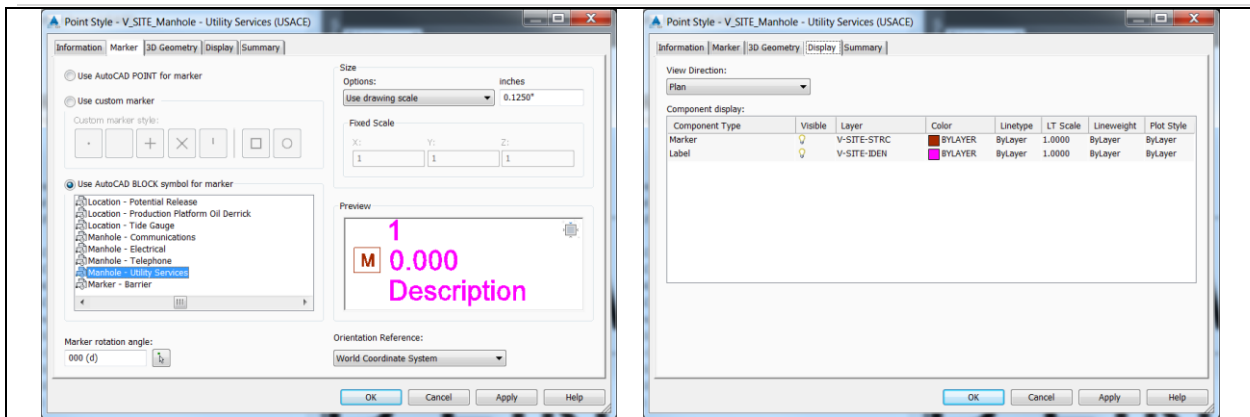
Description: Mailbox



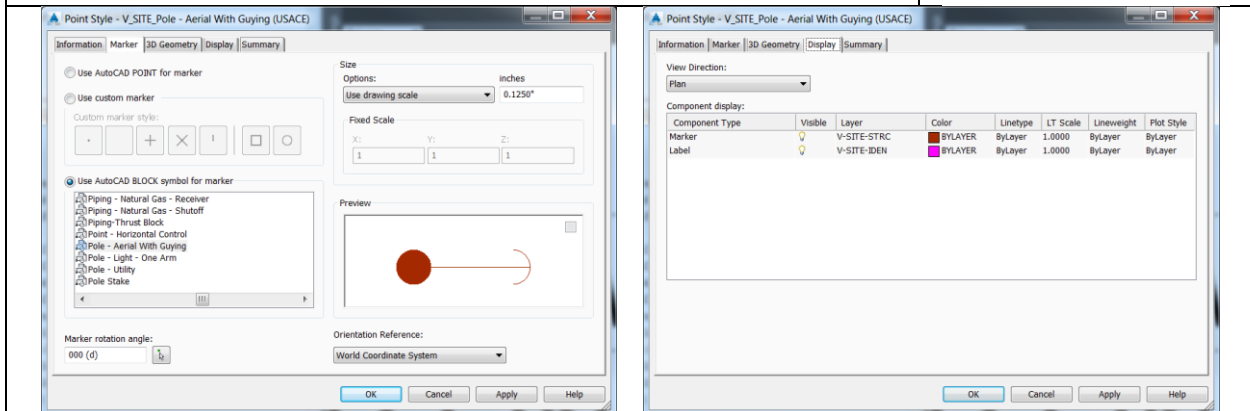
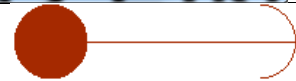
Name: SITE_Manhole - Utility Services V_(USACE)

Description: Manhole - Utility Services

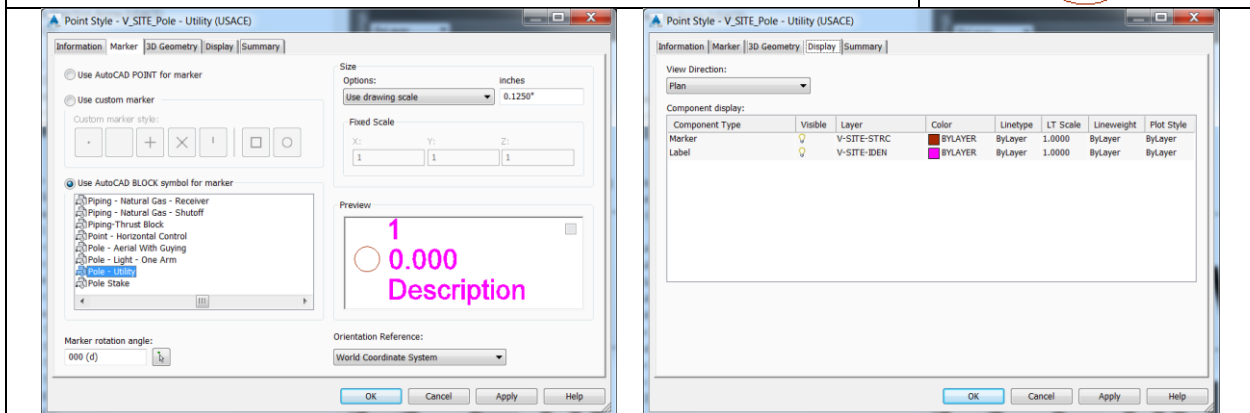




Name: SITE_Pole - Aerial With Guying V_(USACE)
Description: Pole - Aerial With Guying

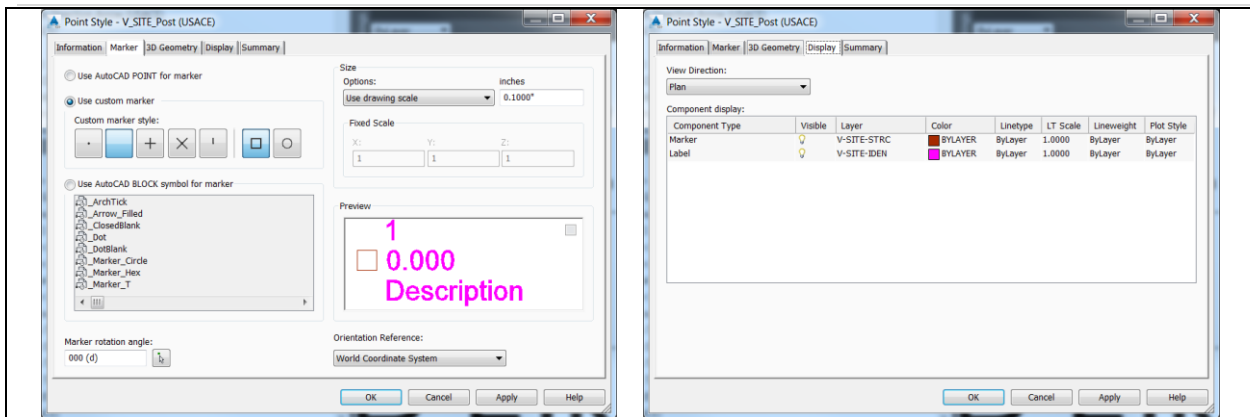


Name: SITE_Pole - Utility V_(USACE)
Description: Pole - Utility



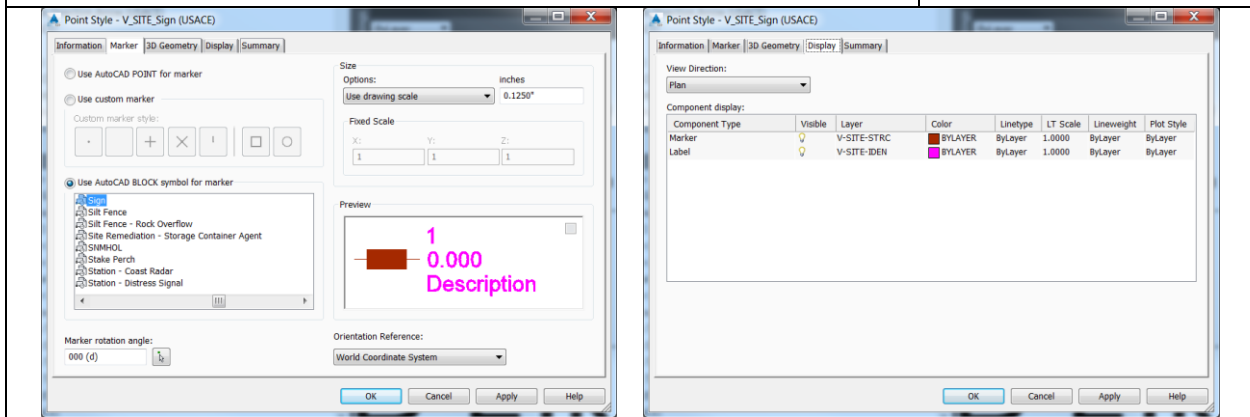
Name: SITE_Post V_(USACE)
Description:





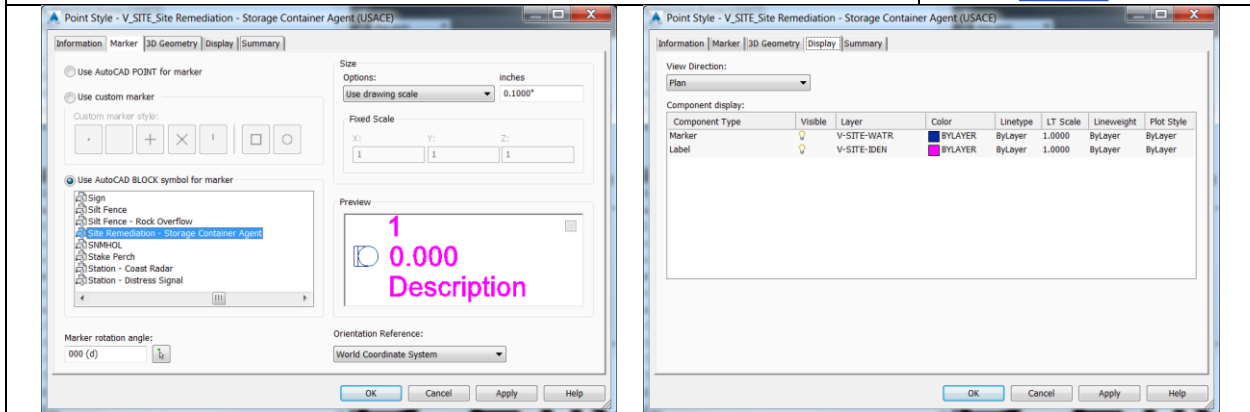
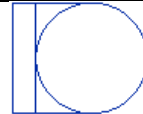
Name: SITE_Sign V_(USACE)

Description: Sign



Name: SITE_Site Remediation - Storage Container Agent V_(USACE)

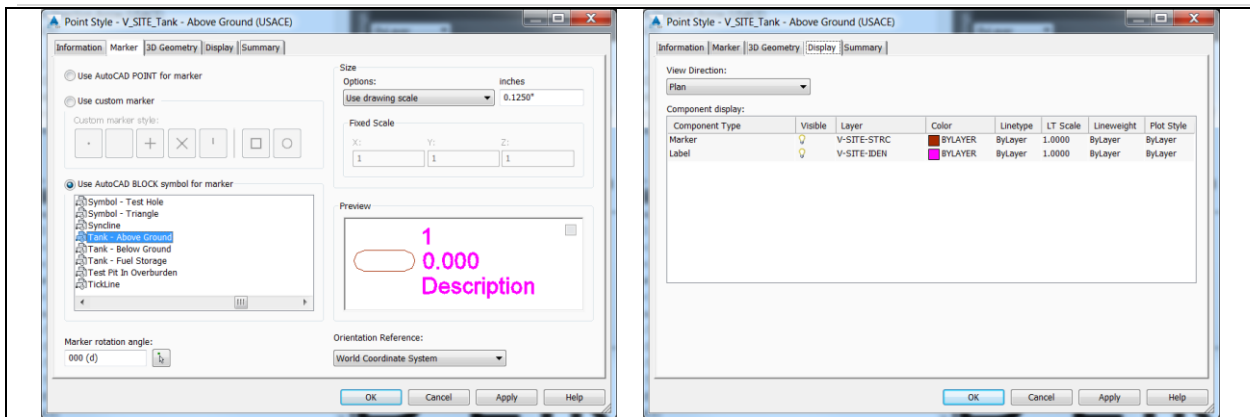
Description: Site Remediation - Storage Container Agent



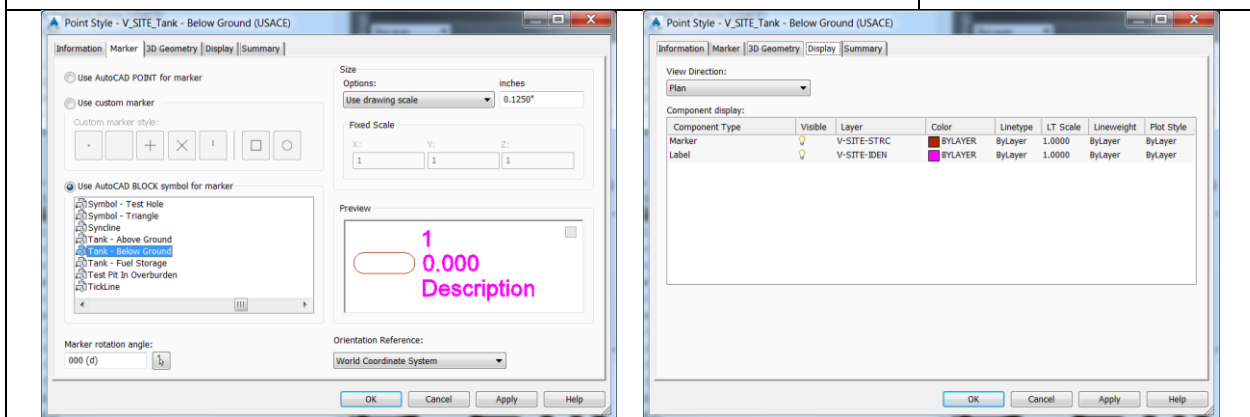
Name: SITE_Tank - Above Ground V_(USACE)

Description: Tank - Above Ground

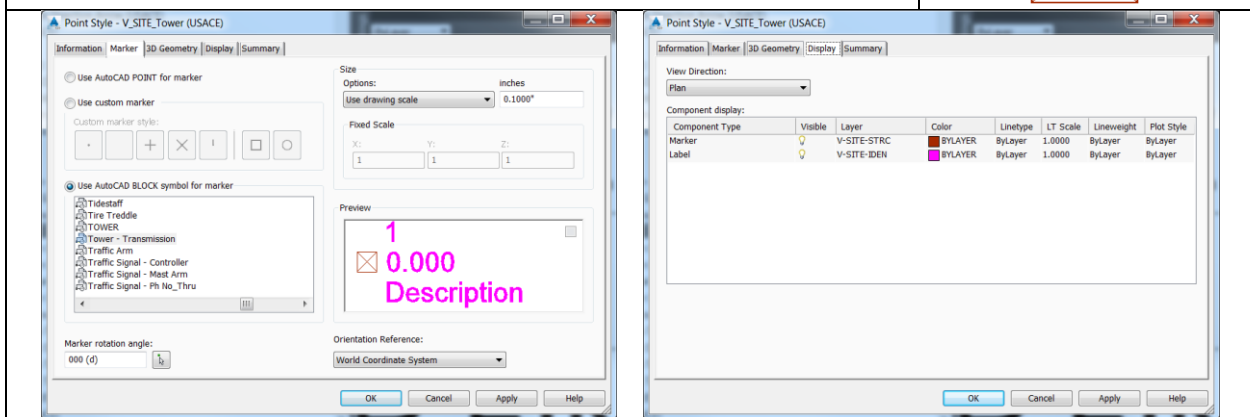




Name: SITE_Tank - Below Ground V_(USACE)
Description: Tank - Below Ground

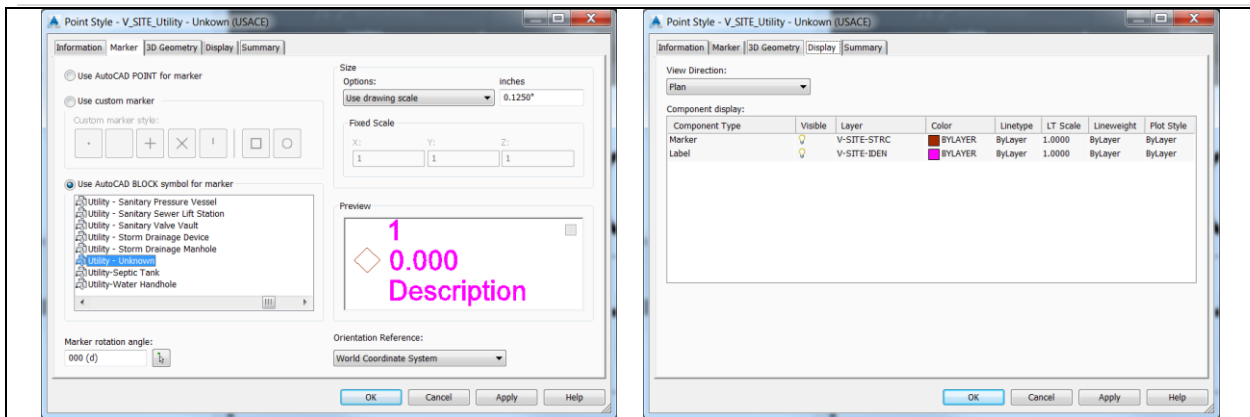


Name: SITE_Tower V_(USACE)
Description: Tower Transmission



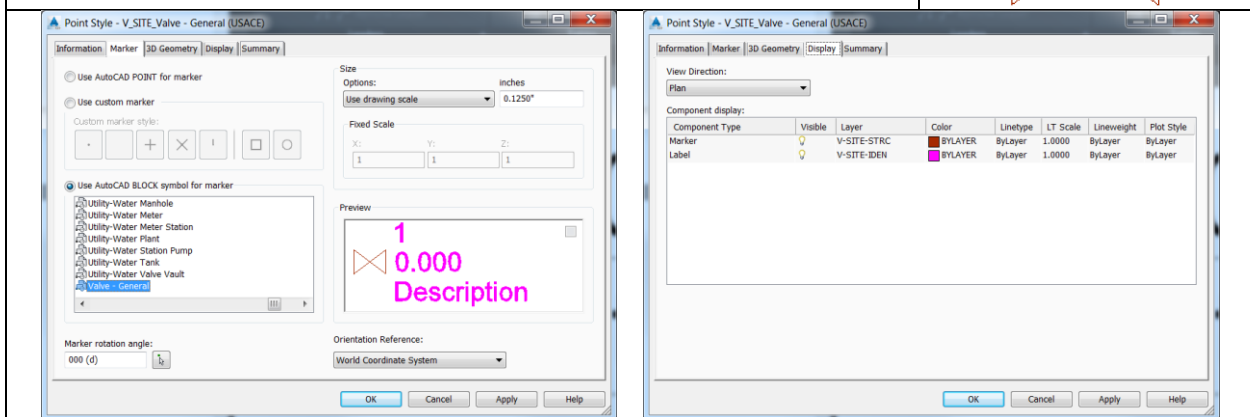
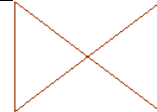
Name: SITE_Utility - Unknown V_(USACE)
Description: Utility - Unknown





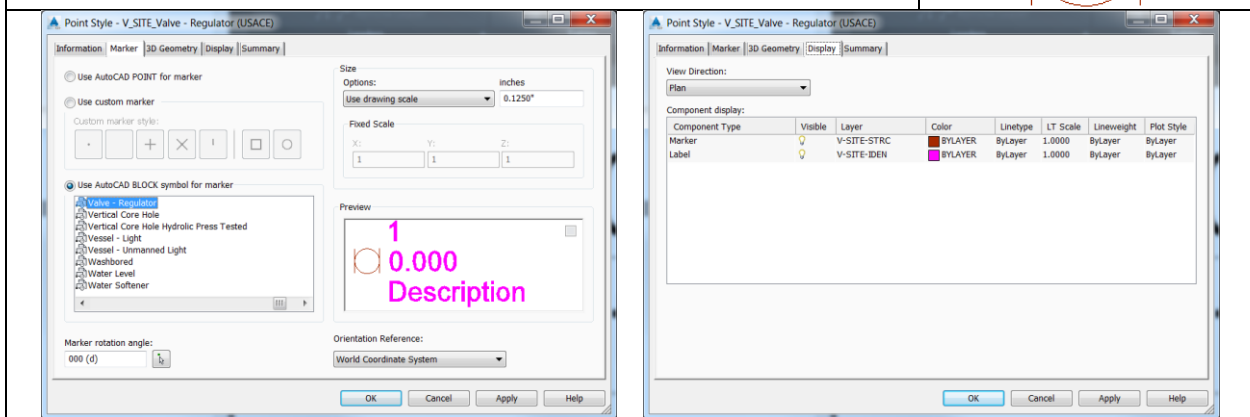
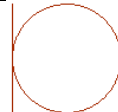
Name: SITE_Valve - General V_(USACE)

Description: Valve - General



Name: SITE_Valve - Regulator V_(USACE)

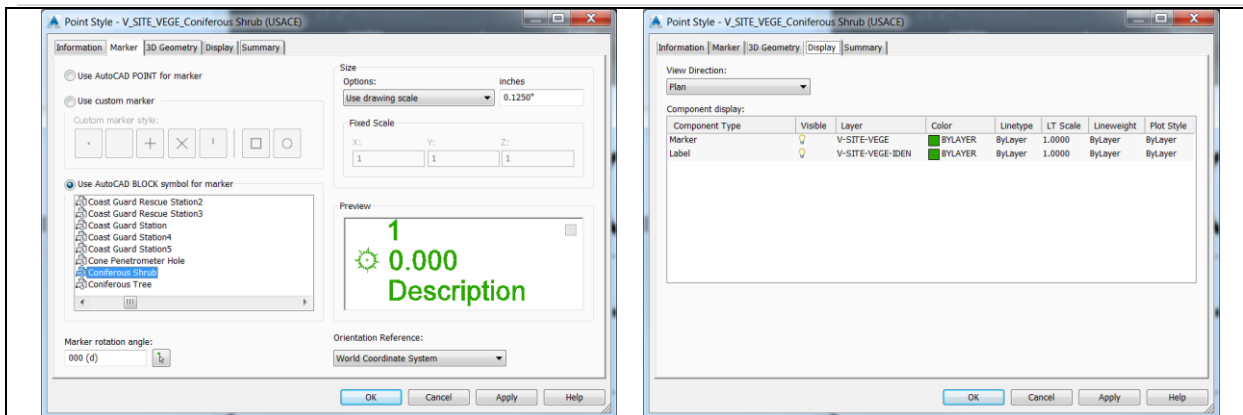
Description: Valve - Regulator



Name: SITE_VEGE_Coniferous Shrub V_(USACE)

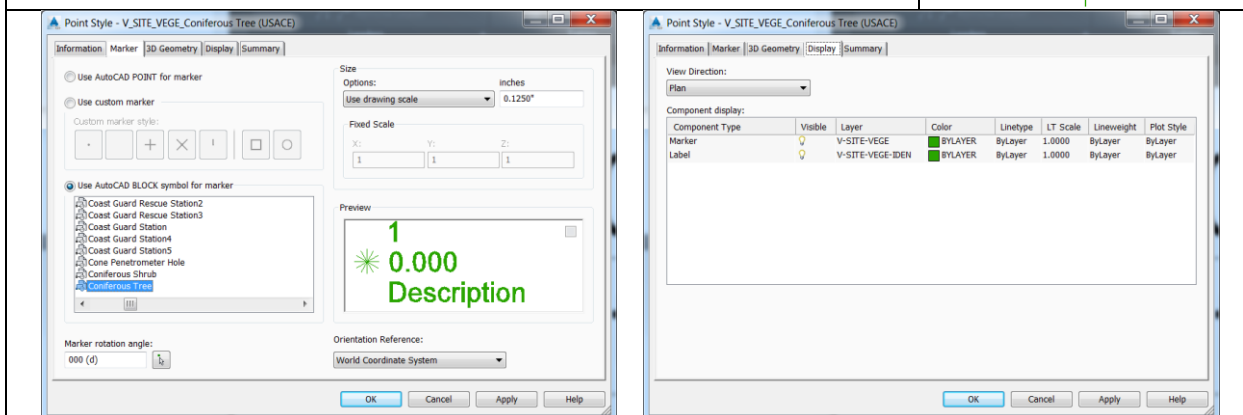
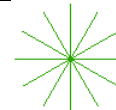
Description: Coniferous Shrub





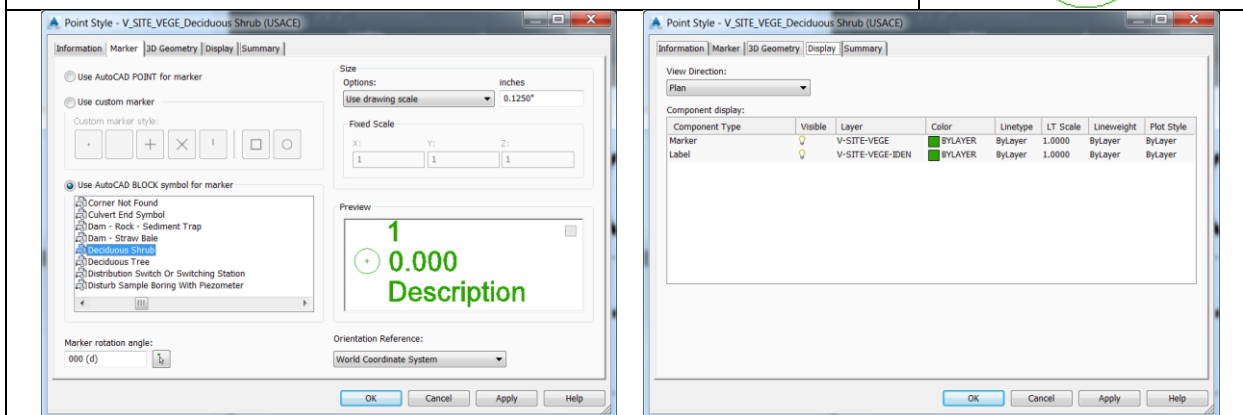
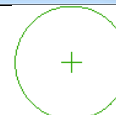
Name: SITE_VEGE_Coniferous Tree V_(USACE)

Description: Coniferous Tree



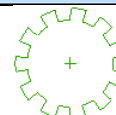
Name: SITE_VEGE_Deciduous Shrub V_(USACE)

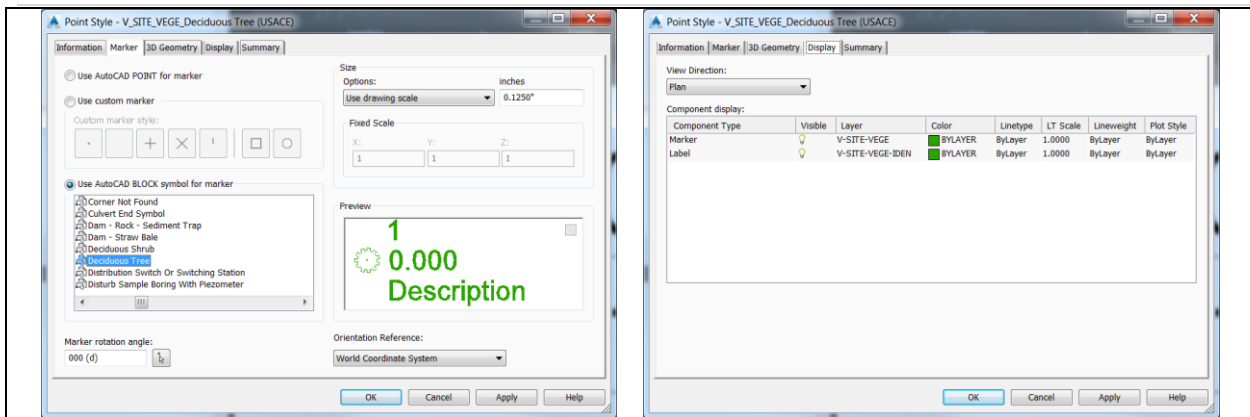
Description: Deciduous Shrub



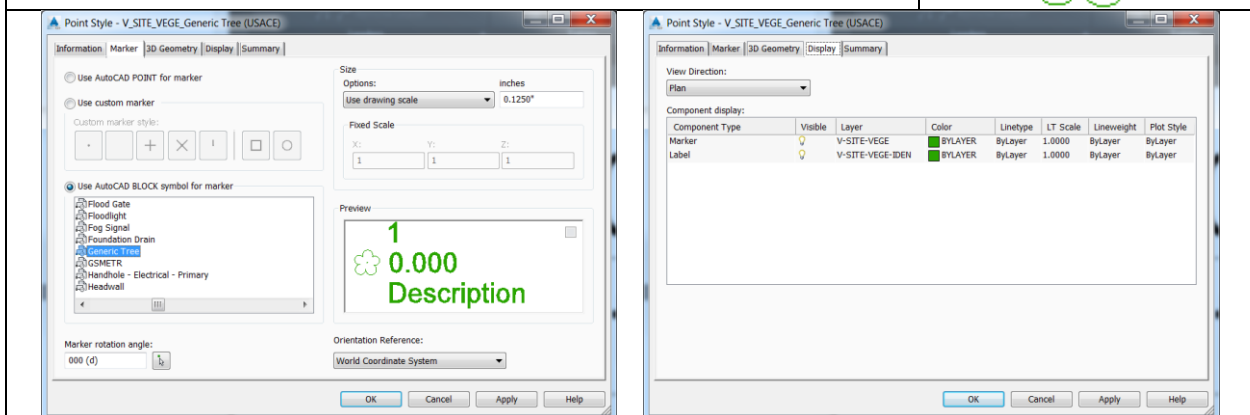
Name: SITE_VEGE_Deciduous Tree V_(USACE)

Description: Deciduous Tree

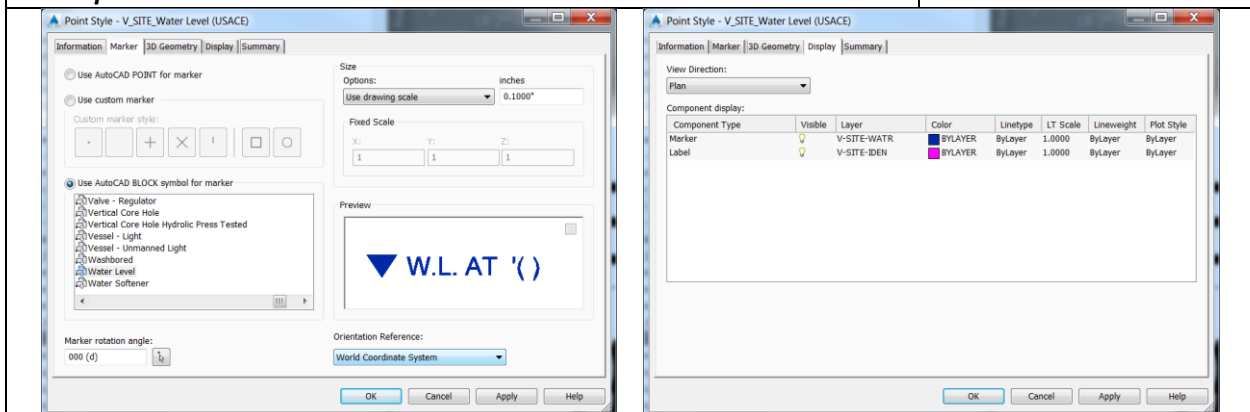




Name: SITE_VEGE_Generic Tree V_(USACE)
Description: Generic Tree

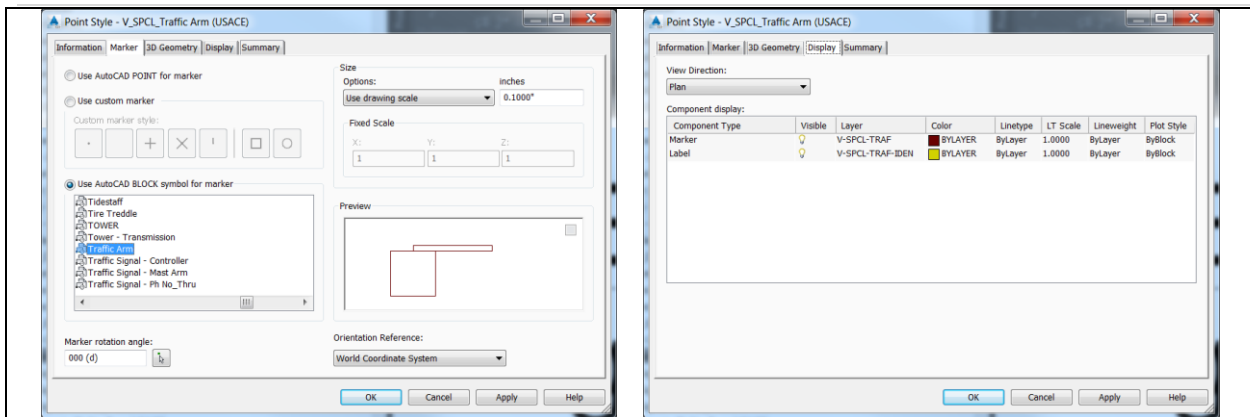


Name: SITE_Water Level V_(USACE)
Description: Water Level

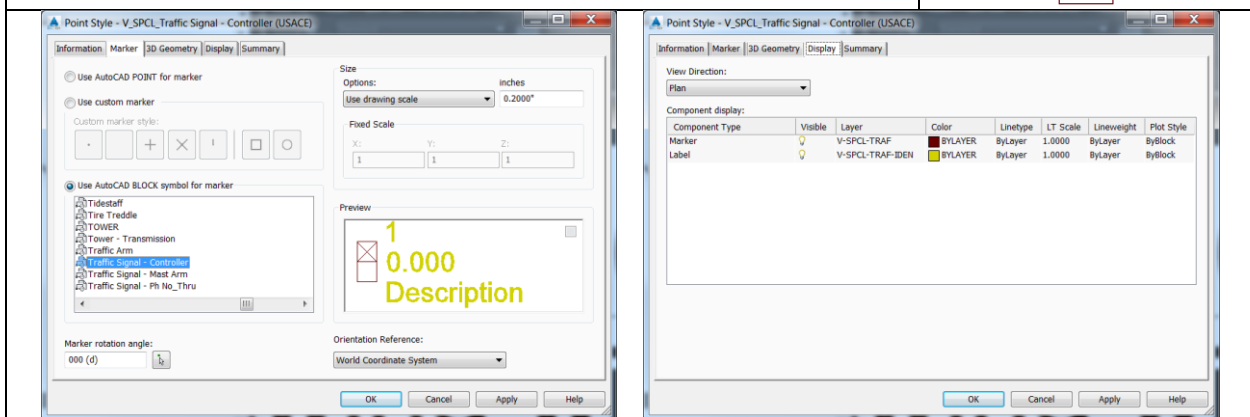


Name: SPCL_Traffic Arm V_(USACE)
Description: Traffic Arm

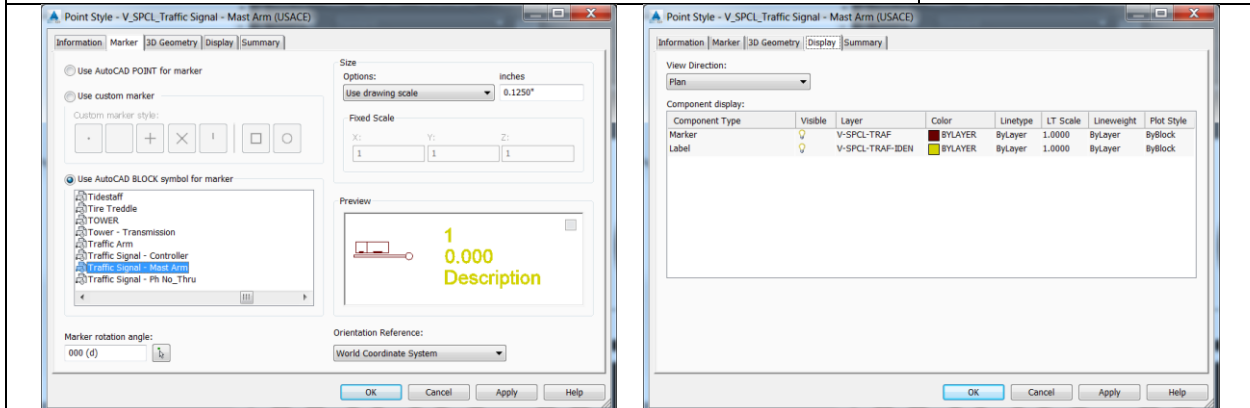




Name: SPCL_Traffic Signal - Controller V_(USACE)
Description: Traffic Signal - Controller

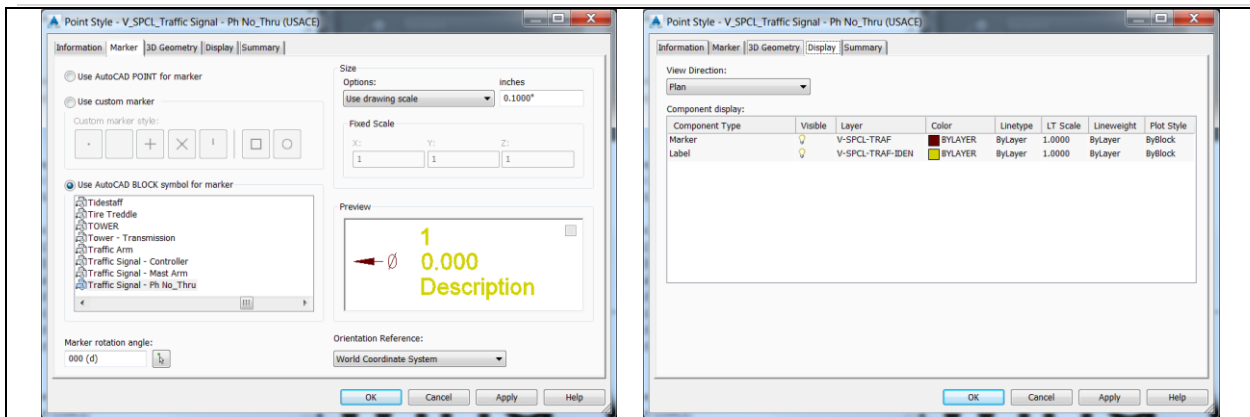


Name: SPCL_Traffic Signal - Mast Arm V_(USACE)
Description: Traffic Signal - Mast Arm

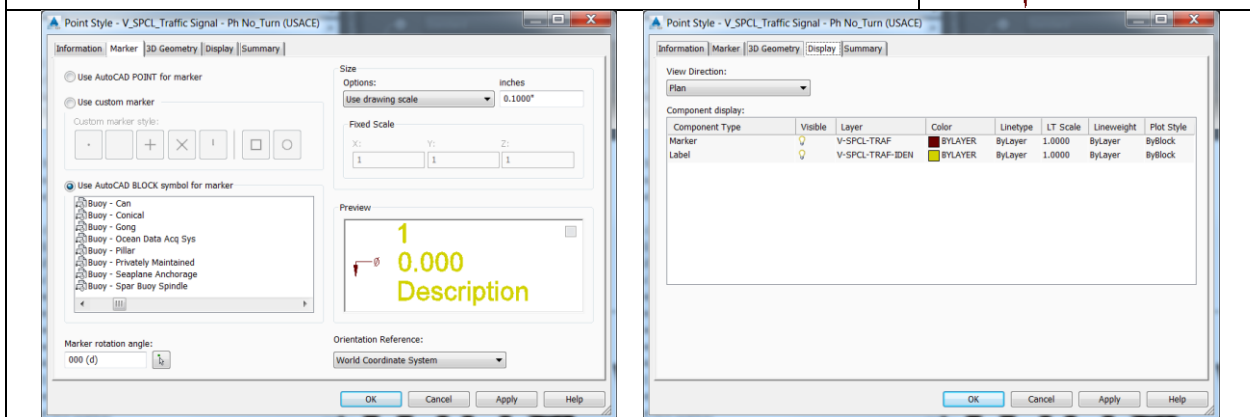


Name: SPCL_Traffic Signal - Ph No_Thru V_(USACE)
Description: Traffic Signal - Ph No_Thru

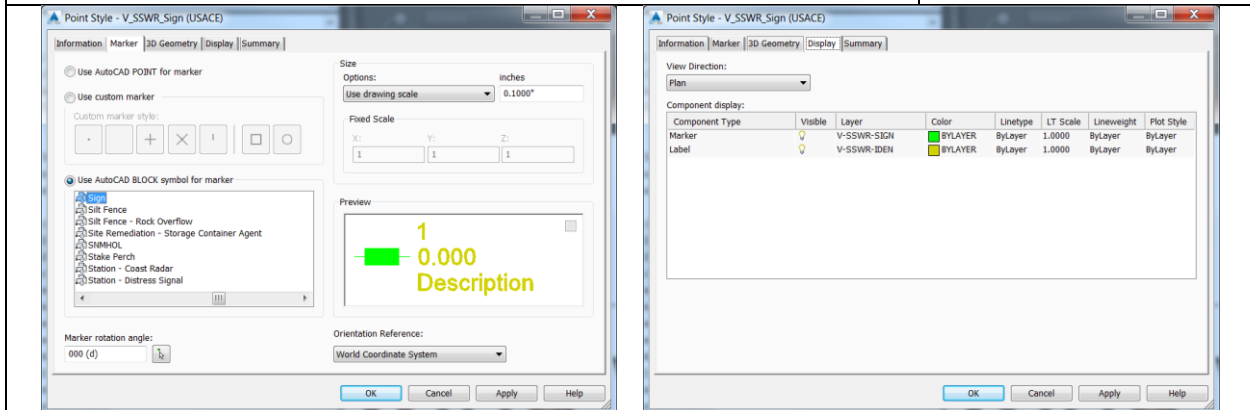




Name: SPCL_Traffic Signal - Ph No_Turn V_(USACE)
Description: Traffic Signal - Ph No_Turn

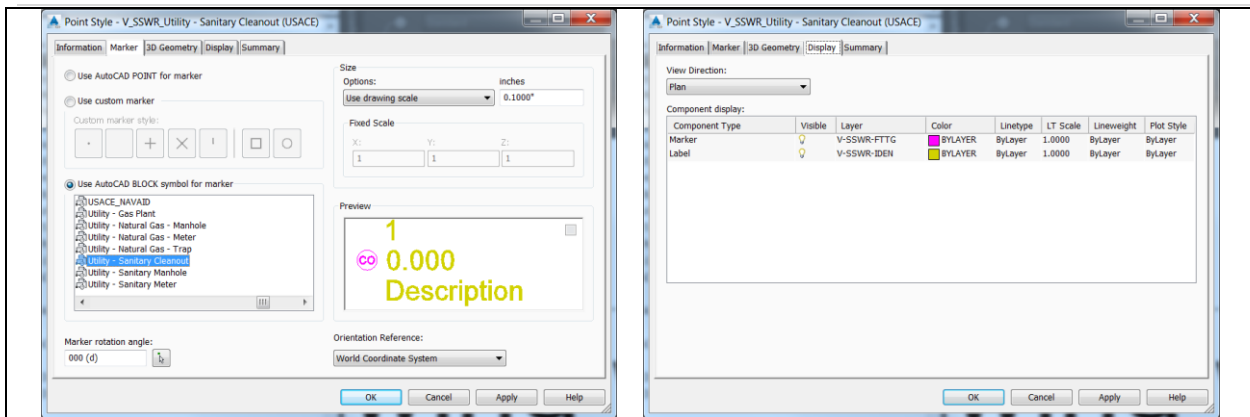


Name: SSWR_Sign V_(USACE)
Description: Sign

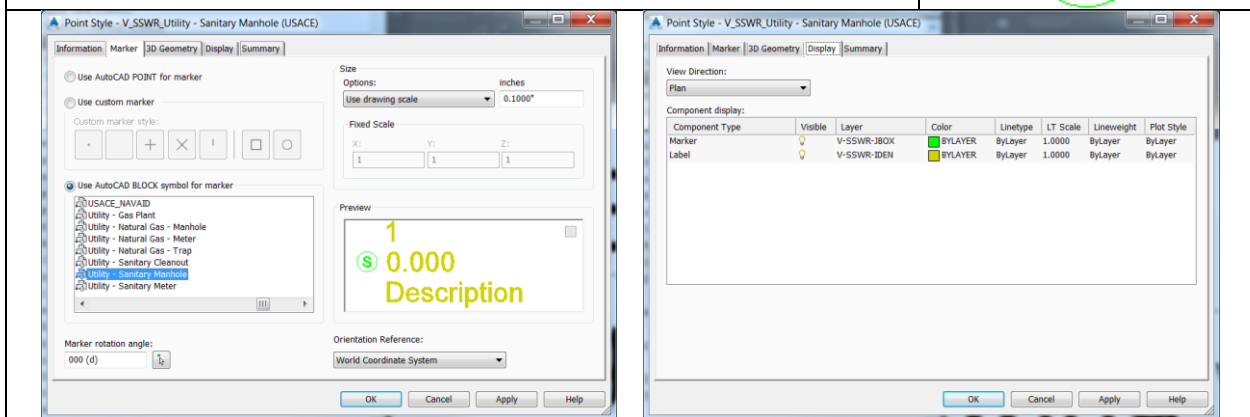


Name: SSWR_Utility - Sanitary Cleanout V_(USACE)
Description: Utility - Sanitary Cleanout

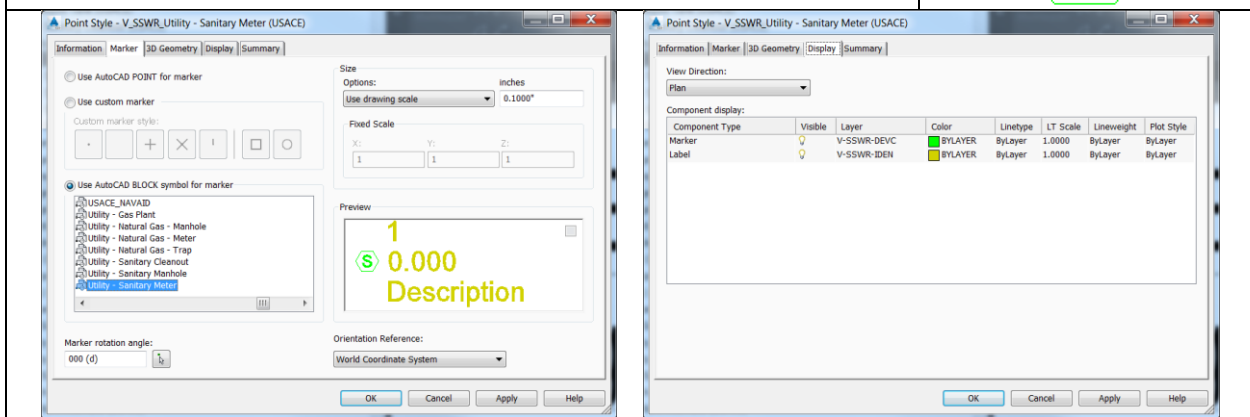




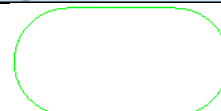
Name: SSWR_Utility - Sanitary Manhole V_(USACE)
Description: Utility - Sanitary Manhole i

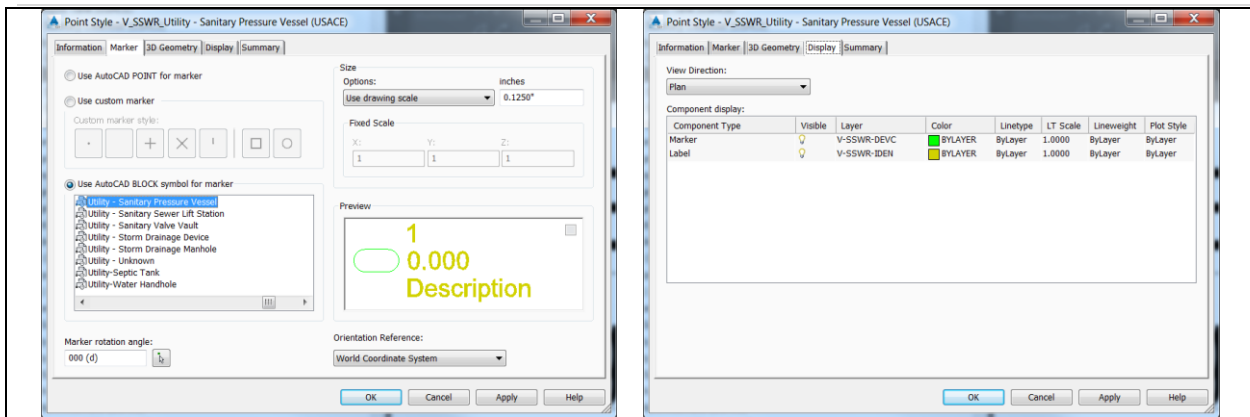


Name: SSWR_Utility - Sanitary Meter V_(USACE)
Description: Utility - Sanitary Meter



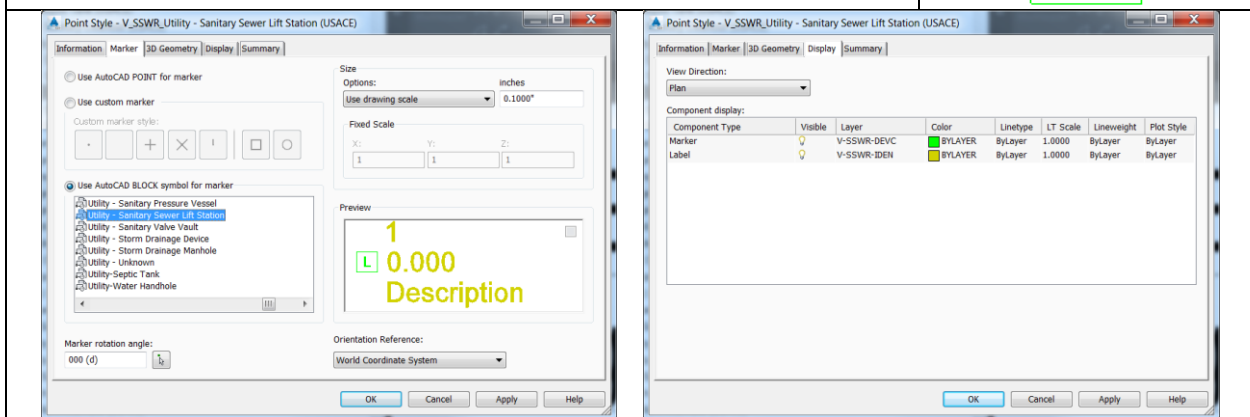
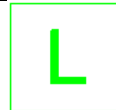
Name: SSWR_Utility - Sanitary Pressure Vessel V_(USACE)
Description: Utility - Sanitary Pressure Vessel





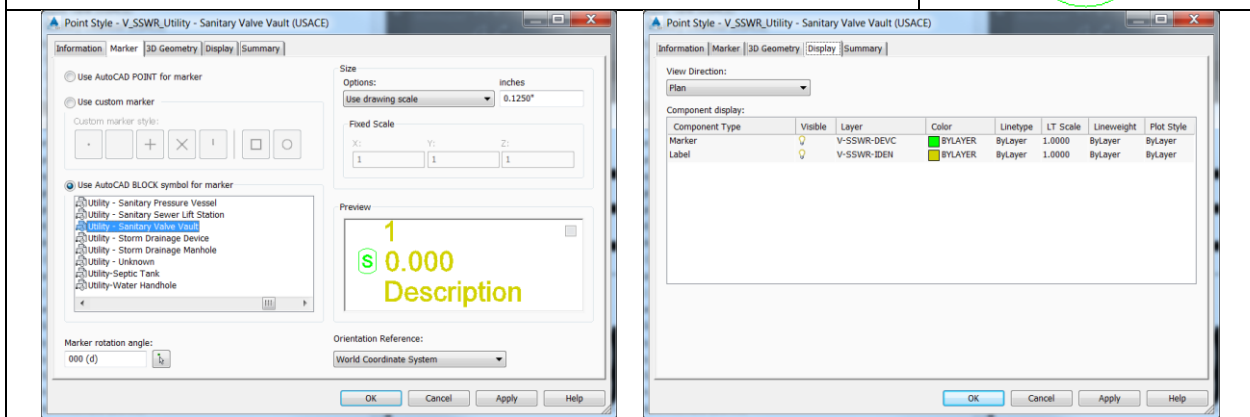
Name: SSWR_Utility - Sanitary Sewer Lift Station V_(USACE)

Description: Utility - Sanitary Sewer Lift Station



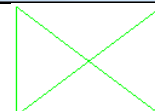
Name: SSWR_Utility - Sanitary Valve Vault V_(USACE)

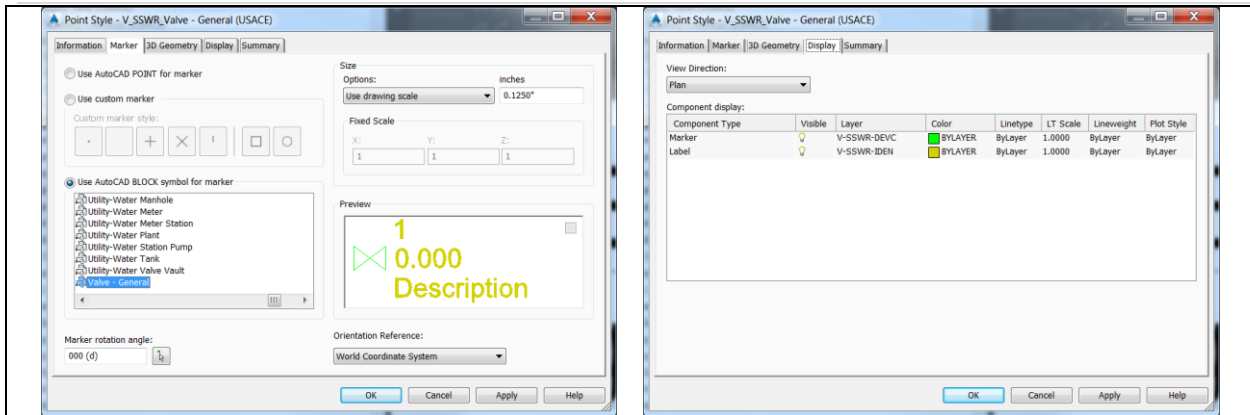
Description: Utility - Sanitary Valve Vault



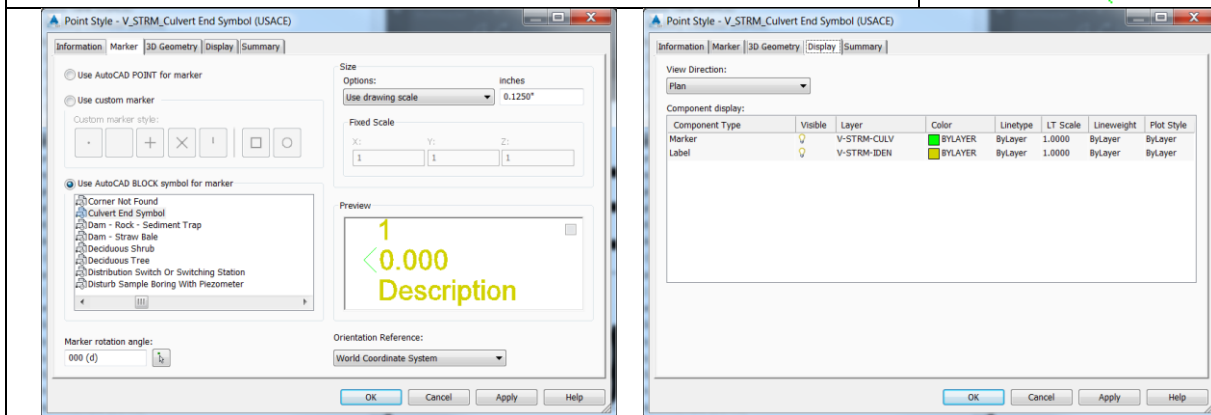
Name: SSWR_Valve - General V_(USACE)

Description: Valve - General

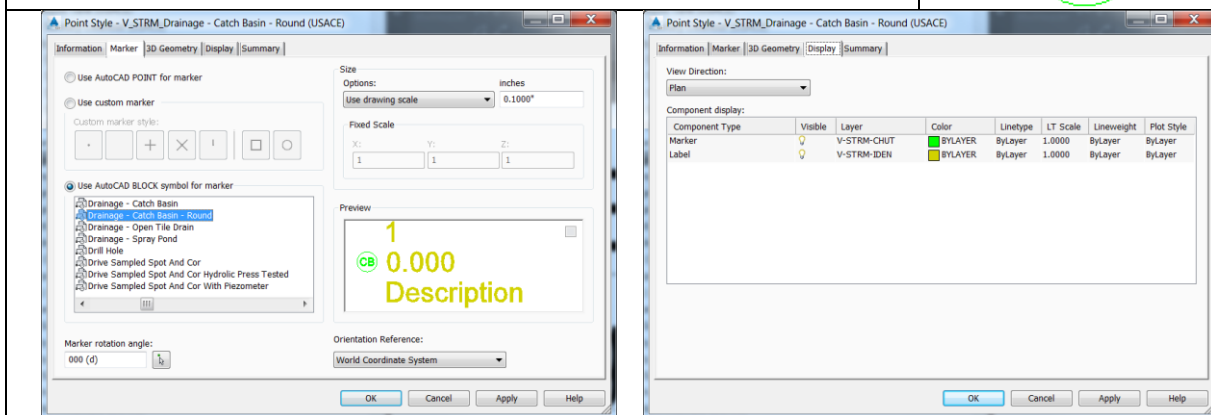




Name: STRM_Culvert End Symbol V_(USACE)
Description: Culvert End Symbol

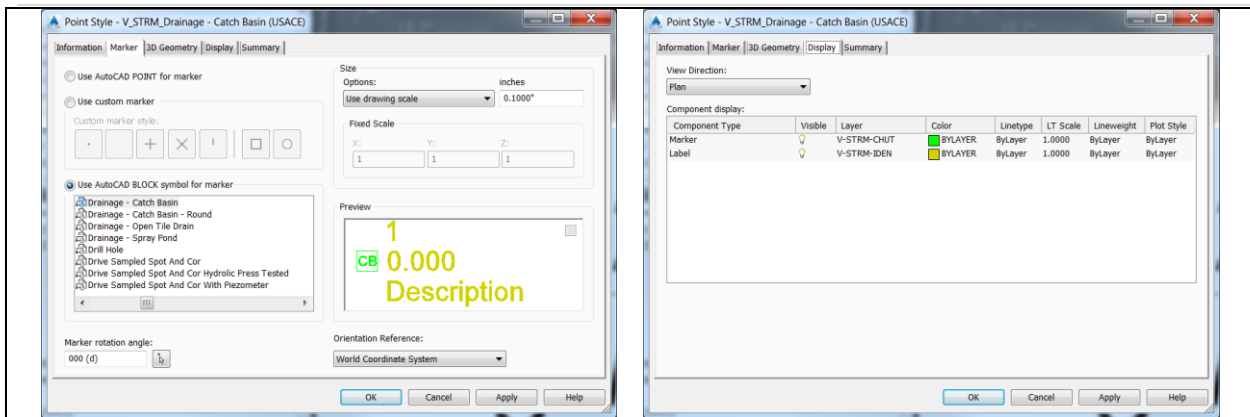


Name: STRM_Drainage - Catch Basin - Round V_(USACE)
Description: Drainage - Catch Basin - Round

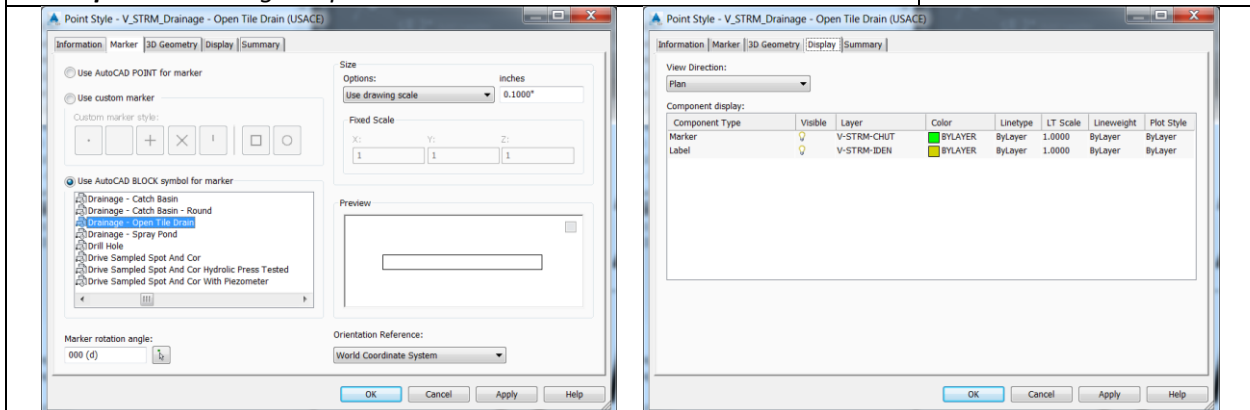


Name: STRM_Drainage - Catch Basin V_(USACE)
Description: Drainage - Catch Basin

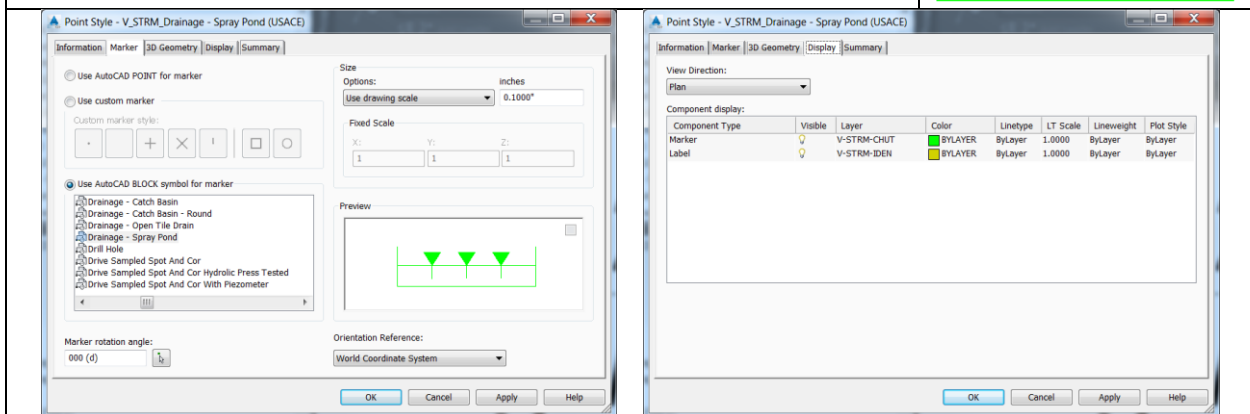




Name: STRM_Drainage - Open Tile Drain V_(USACE)
Description: Drainage - Open Tile Drain

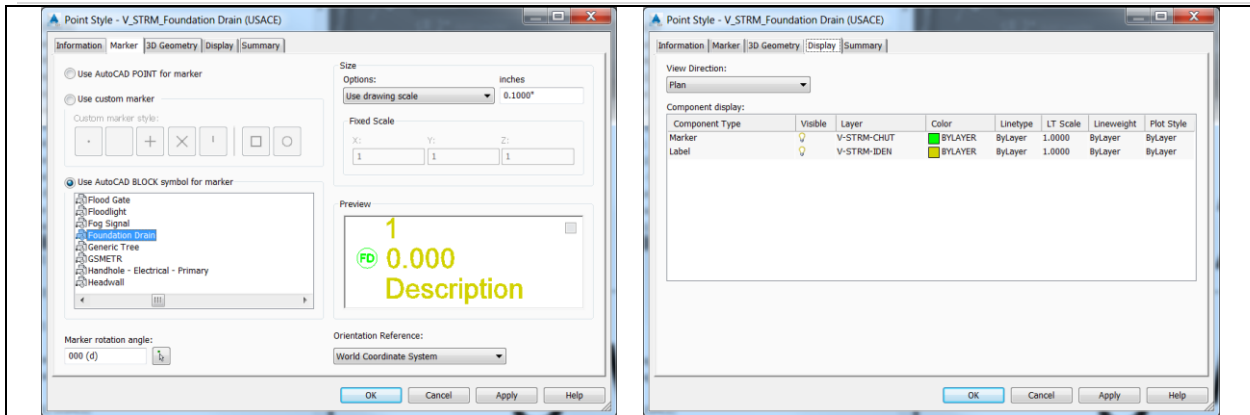


Name: STRM_Drainage - Spray Pond V_(USACE)
Description: Drainage - Spray Pond

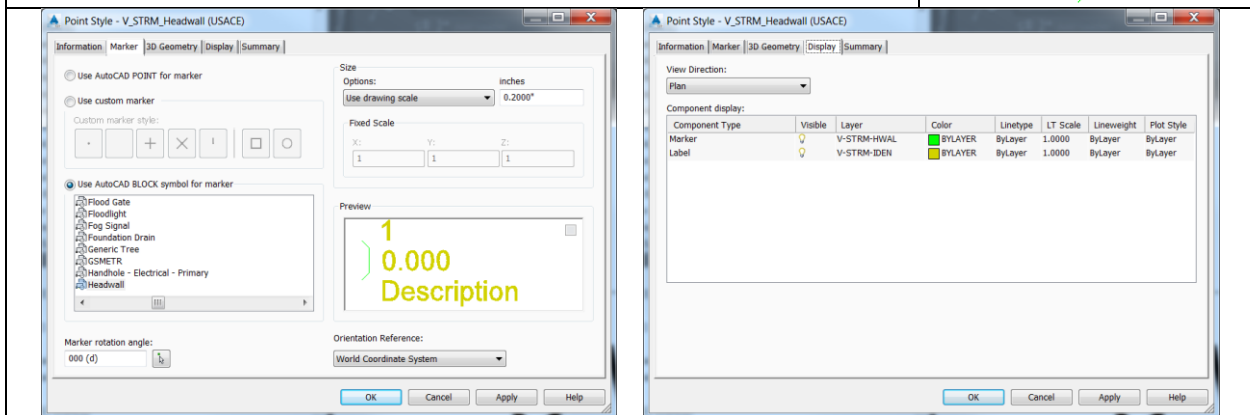


Name: STRM_Foundation Drain V_(USACE)
Description: Foundation Drain

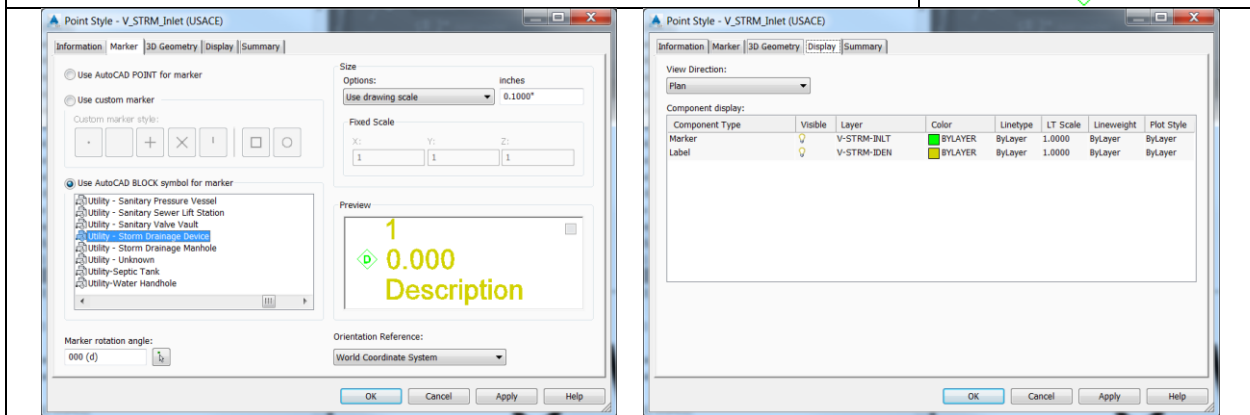




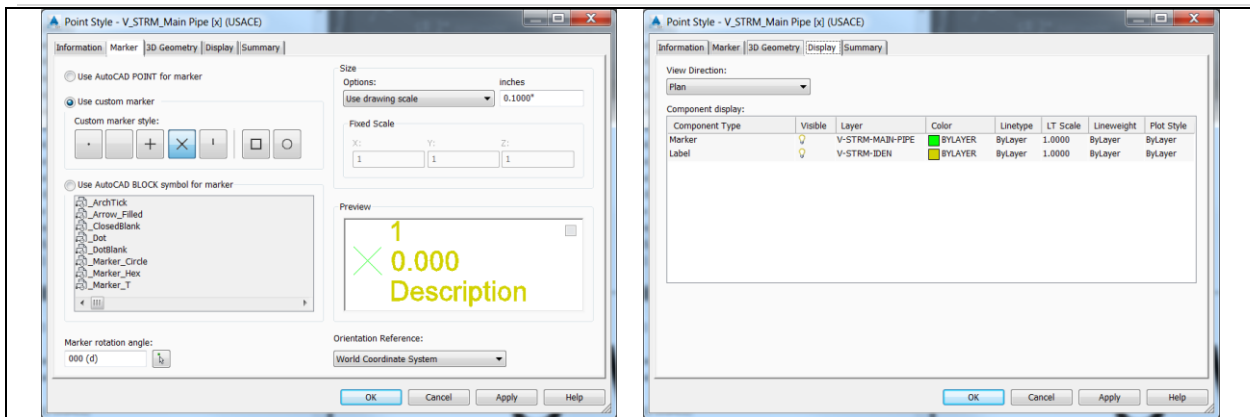
Name: STRM_Headwall V_(USACE)
Description: Headwall



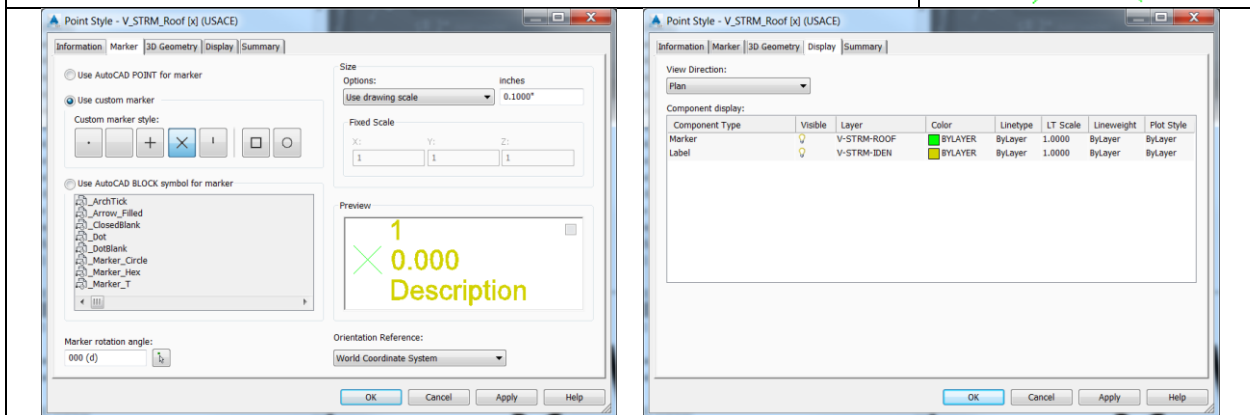
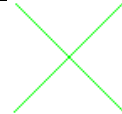
Name: STRM_Inlet V_(USACE)
Description: Utility Storm Drainage Device



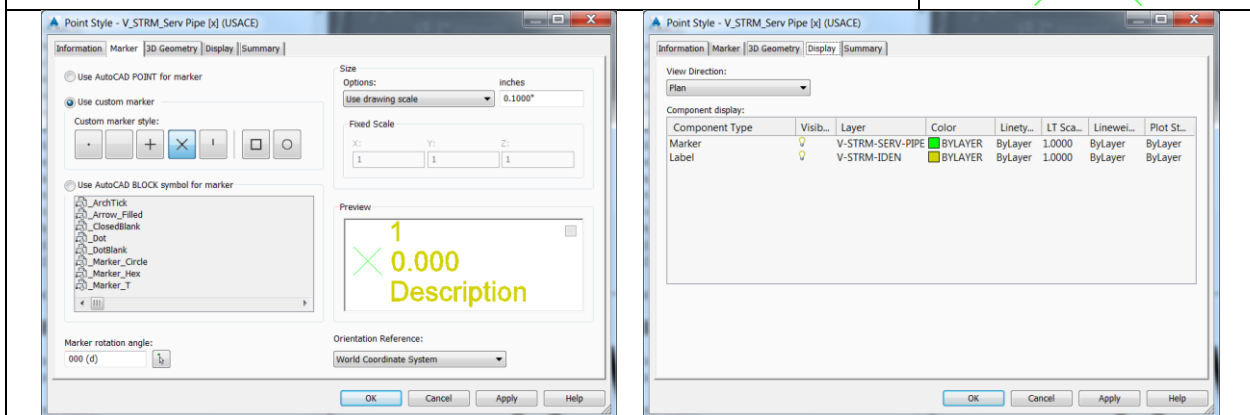
Name: STRM_Main Pipe [x] V_(USACE)
Description: X



Name: STRM_Roof [x] V_(USACE)
Description: X

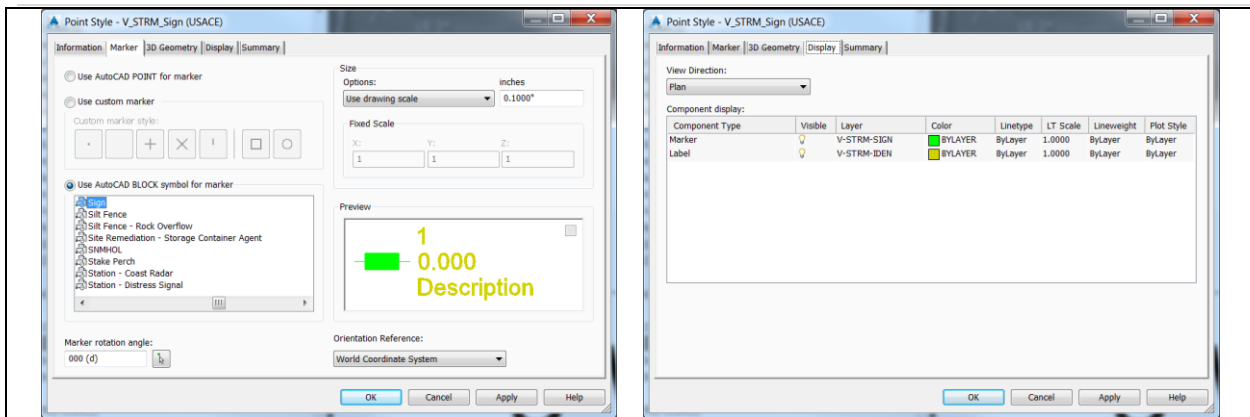


Name: STRM_Serv Pipe [x] V_(USACE)
Description: X

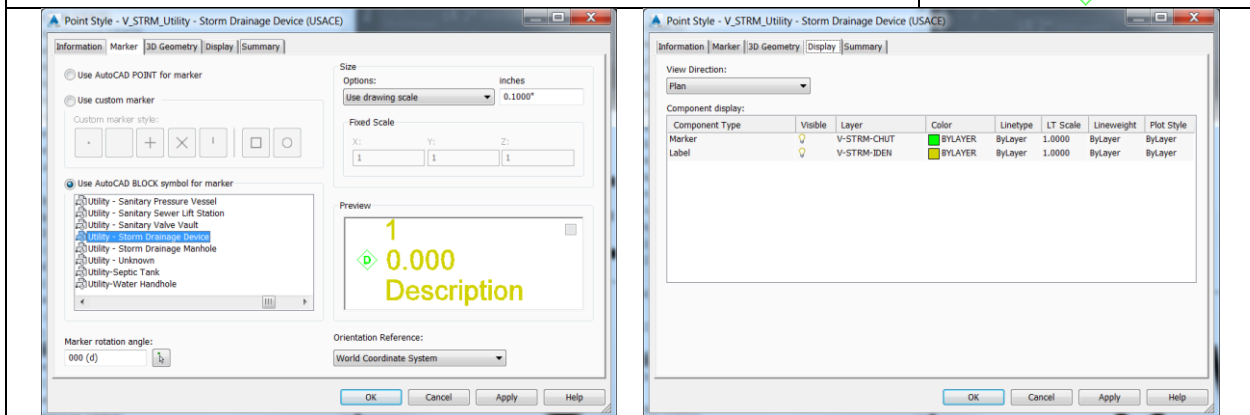


Name: STRM_Sign V_(USACE)
Description: Sign

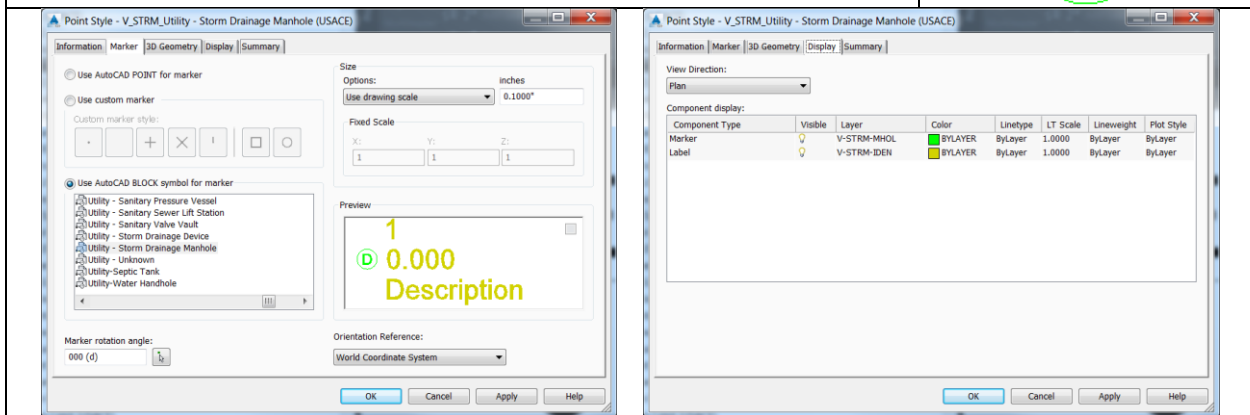




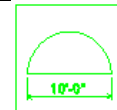
Name: STRM_Utility - Storm Drainage Device V_(USACE)
Description: Utility - Storm Drainage Device

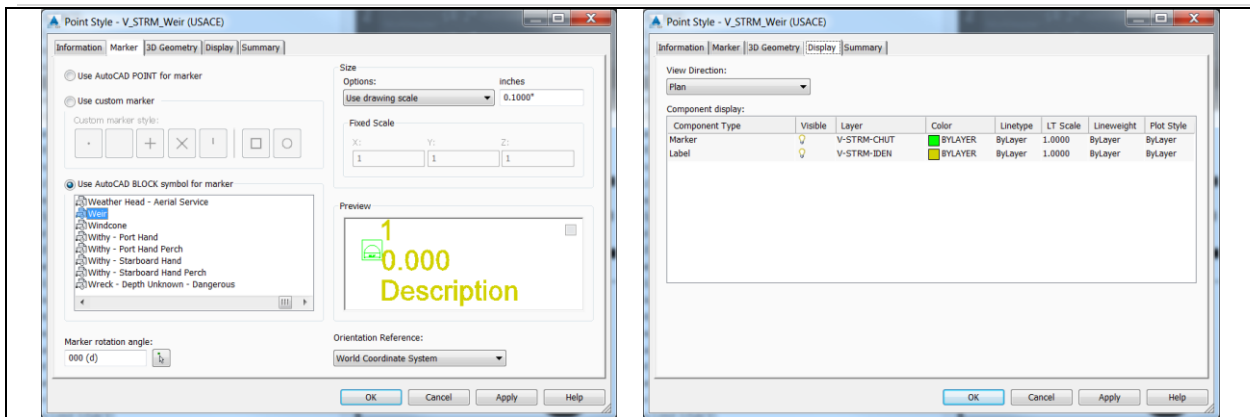


Name: STRM_Utility - Storm Drainage Manhole V_(USACE)
Description: Utility - Storm Drainage Manhole

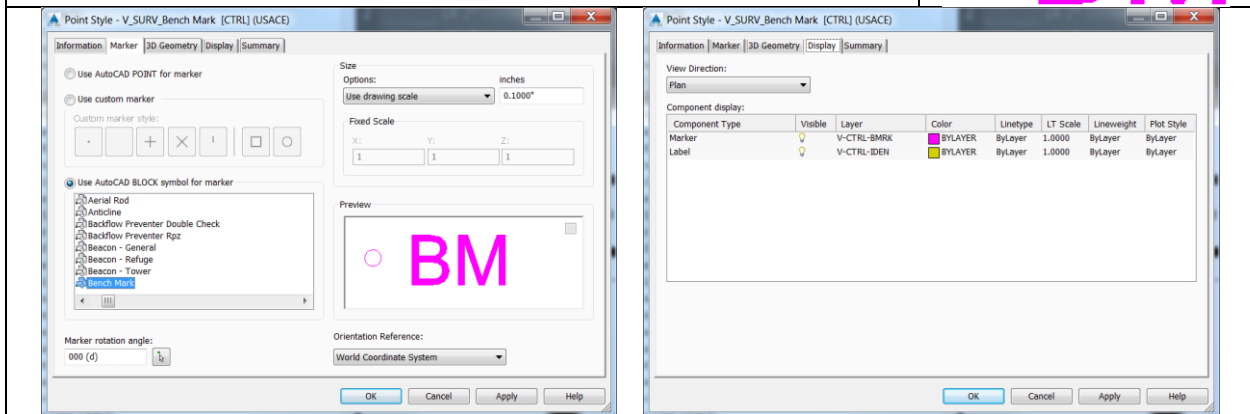


Name: STRM_Weir V_(USACE)
Description: Weir

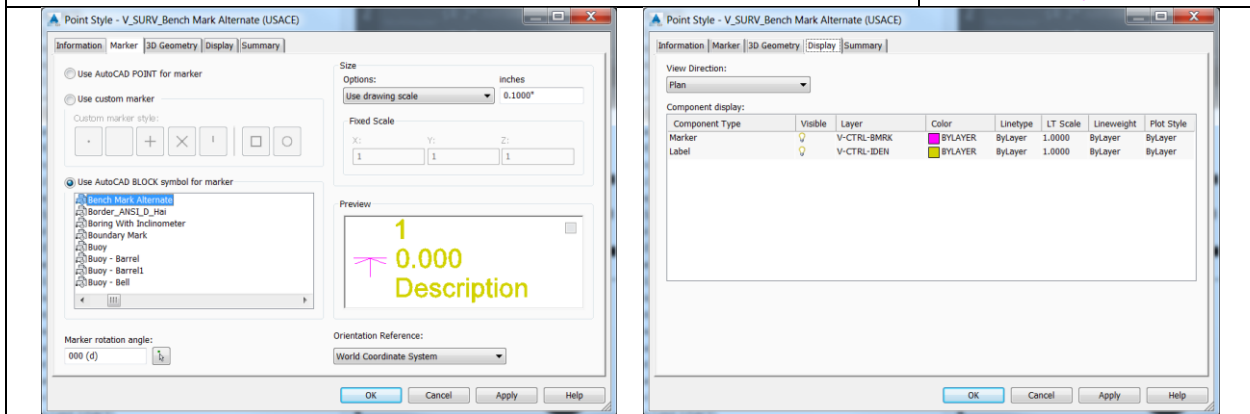
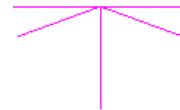




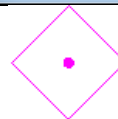
Name: SURV_Bench Mark [CTRL] (USACE)
Description: Bench Mark

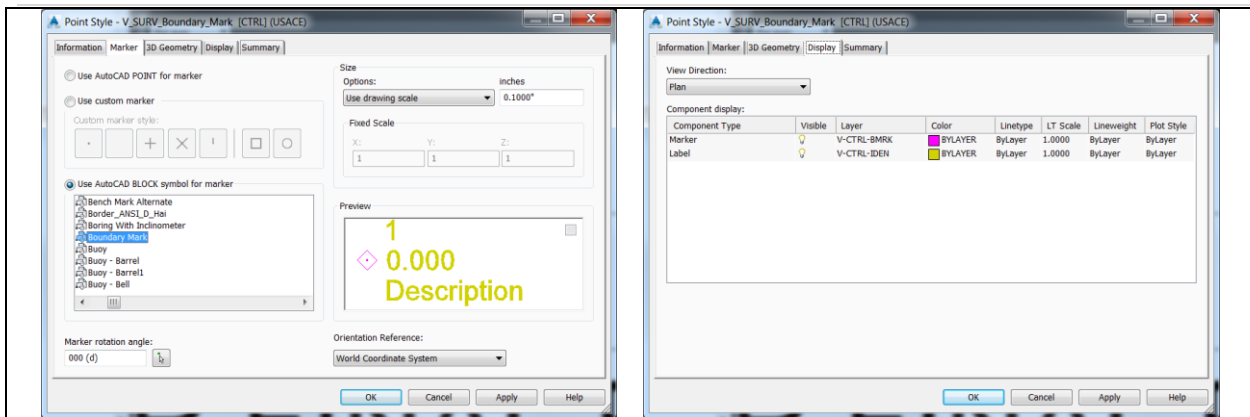


Name: SURV_Bench Mark Alternate V_ (USACE)
Description: Bench Mark Alternate

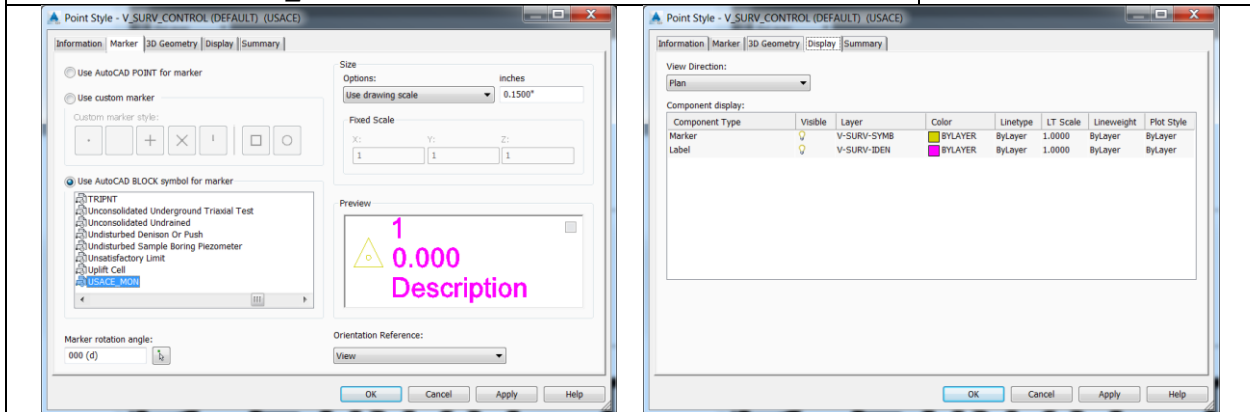


Name: SURV_Boundary_Mark [CTRL] V_ (USACE)
Description: Boundary Mark

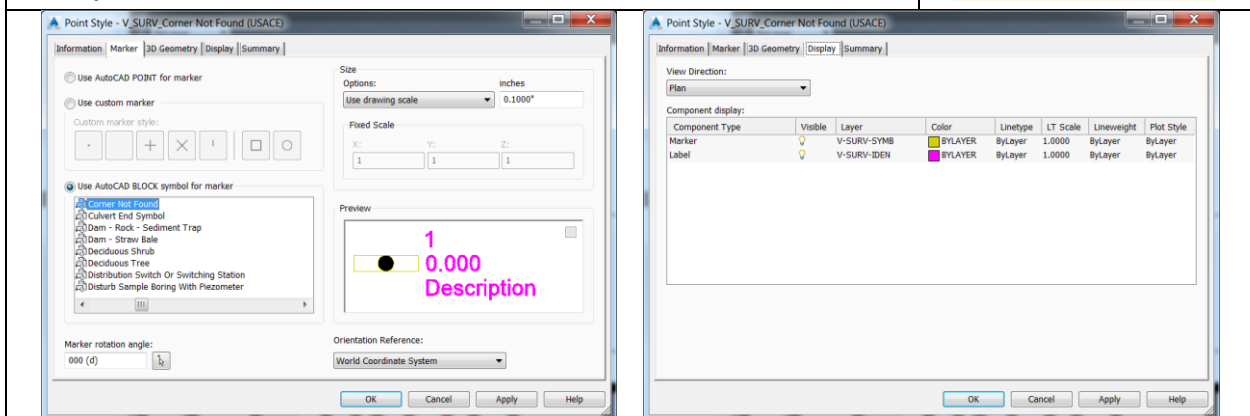




Name: SURV_CONTROL (DEFAULT) V_(USACE)
Description: SURVEY CONTROL SYMBOL (DEFAULT)
 FOR USACE-POA-SURVEY PROJECTS
 MARKER IS PLOTTED
 SYMBOL FILE IS USACE_MON.DWG

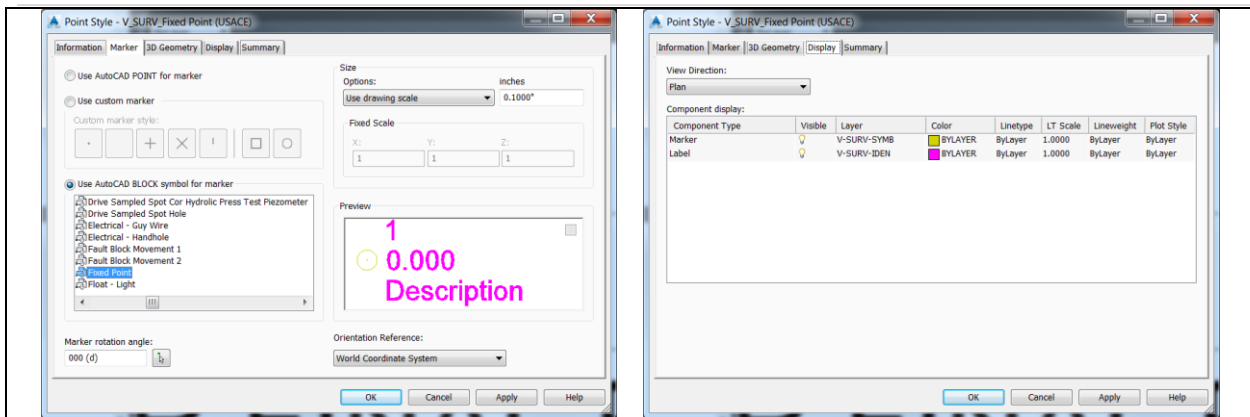


Name: SURV_Corner Not Found V_(USACE)
Description: Corner Not Found



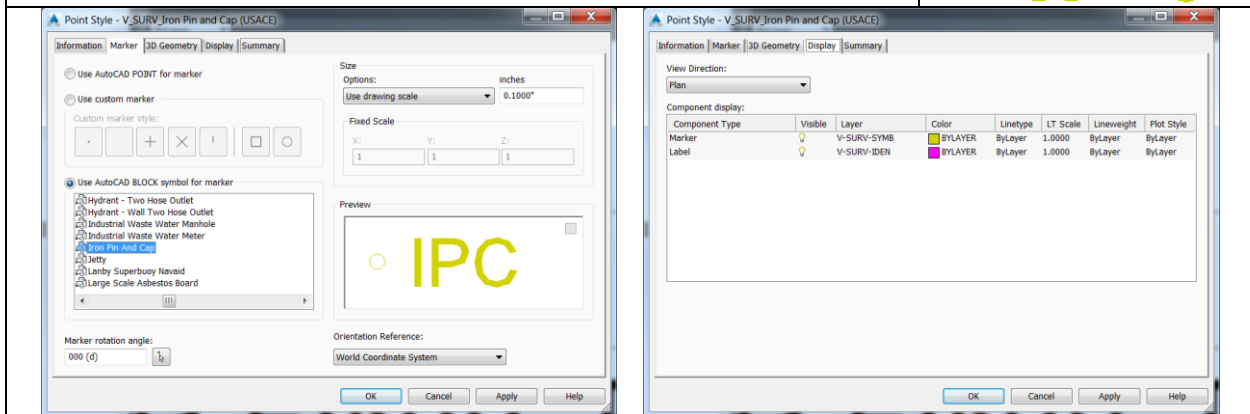
Name: SURV_Fixed Point V_(USACE)
Description: Fixed Point





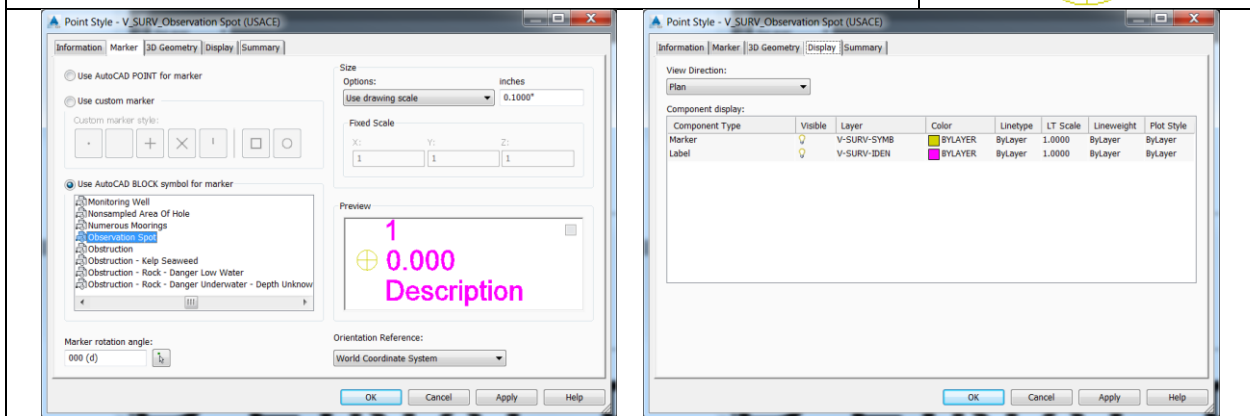
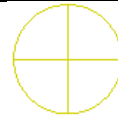
Name: SURV_Iron Pin and Cap V_(USACE)

Description: Iron Pin And Cap



Name: SURV_Observation Spot V_(USACE)

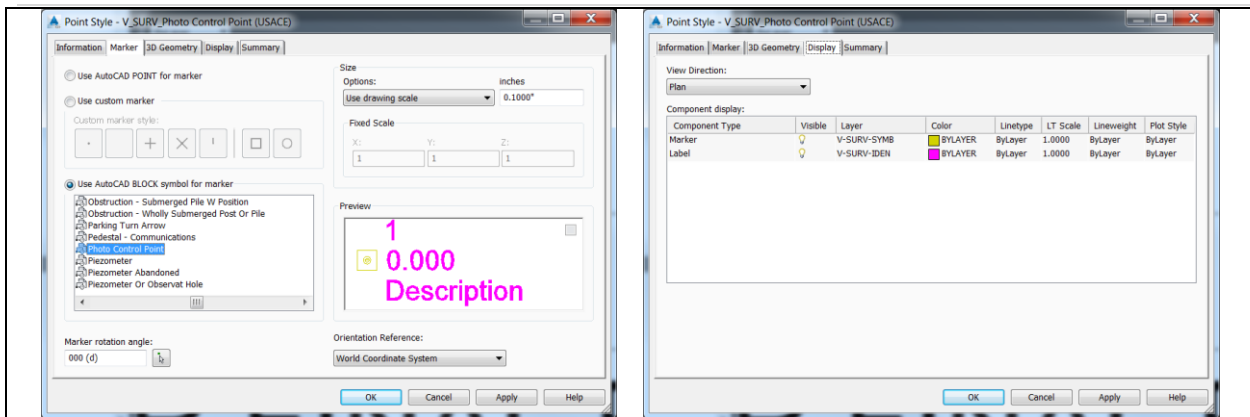
Description: Observation Spot



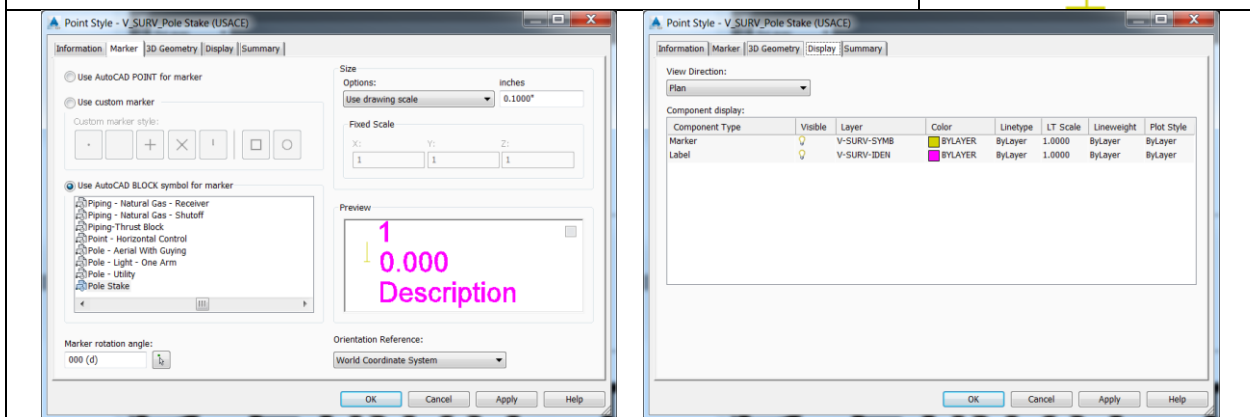
Name: SURV_Photo Control Point V_(USACE)

Description: Photo Control Point

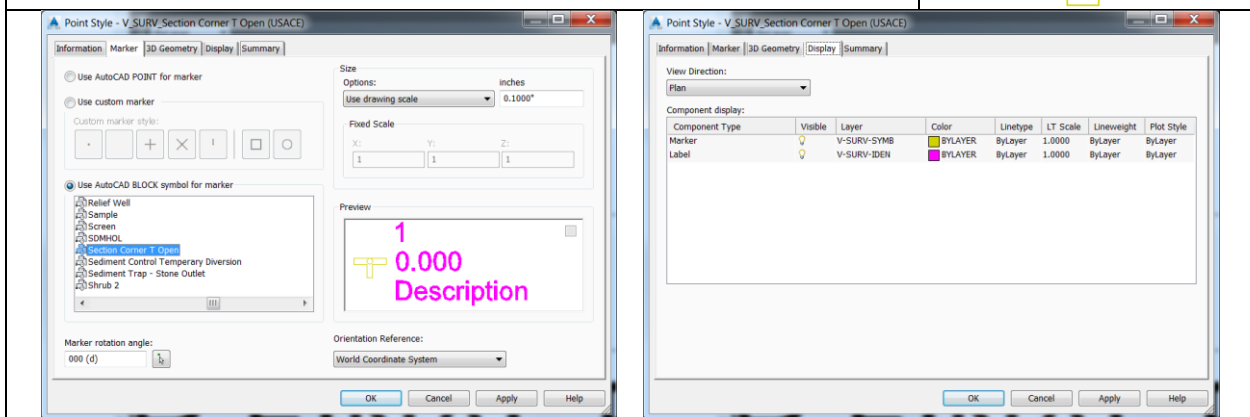




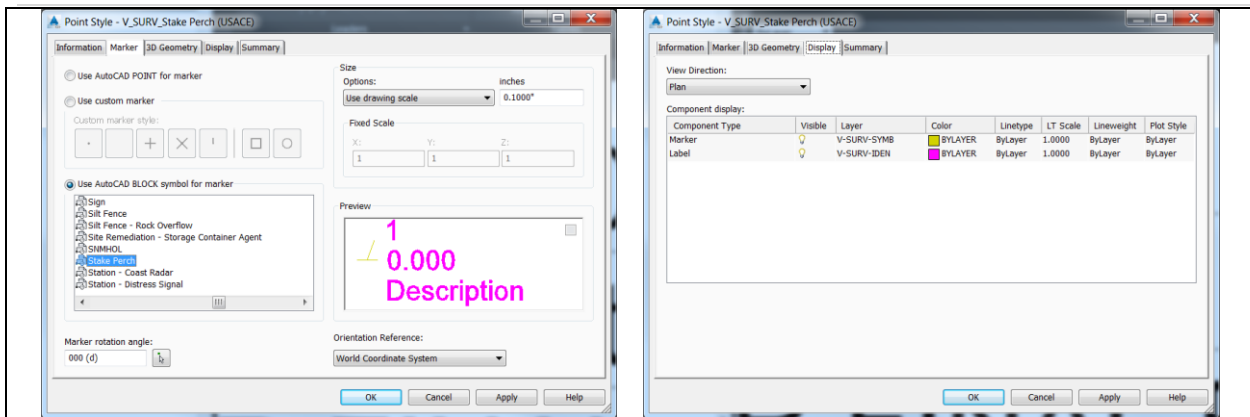
Name: SURV_Pole Stake V_(USACE)
Description: Pole Stake



Name: SURV_Section Corner T Open V_(USACE)
Description: Section Corner T Open

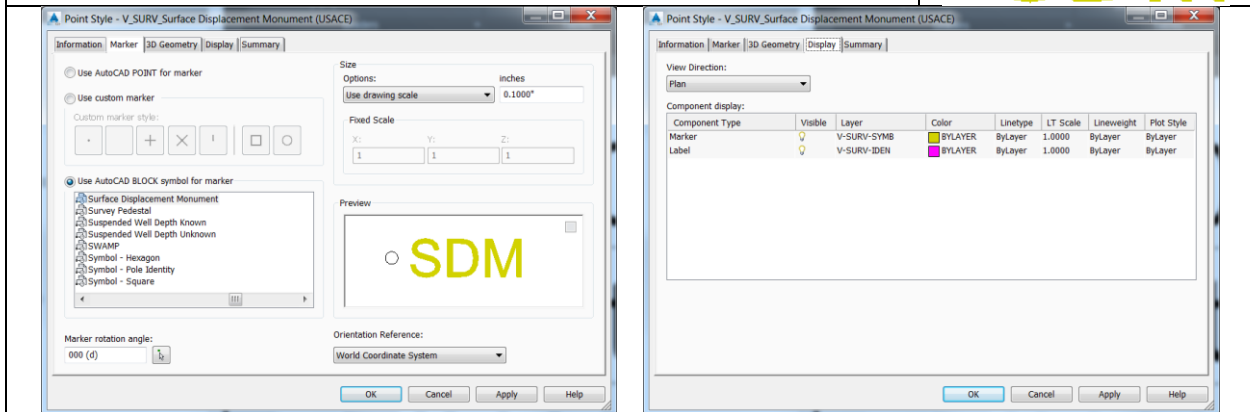


Name: SURV_Stake Perch V_(USACE)
Description: Stake Perch



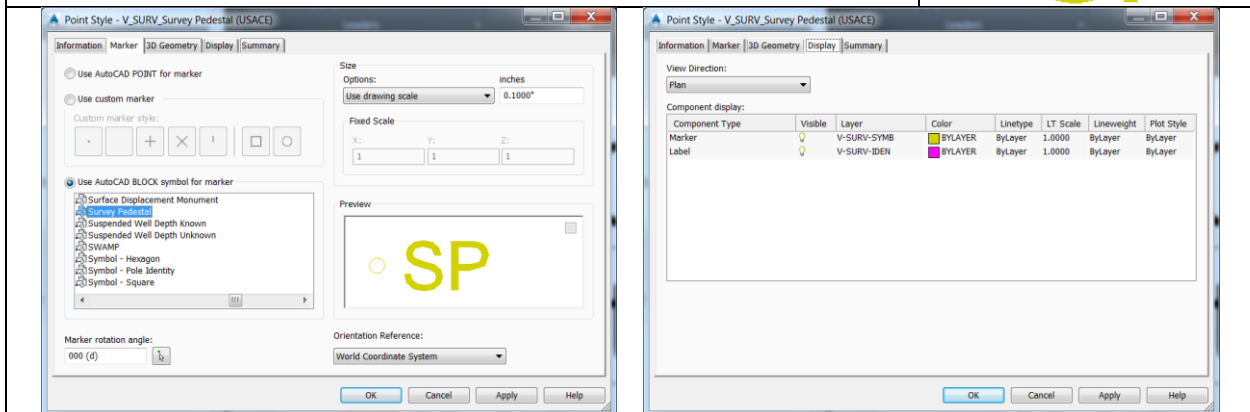
Name: SURV_Surface Displacement Monument V_(USACE)

Description: Surface Displacement Monument



Name: SURV_Survey Pedestal V_(USACE)

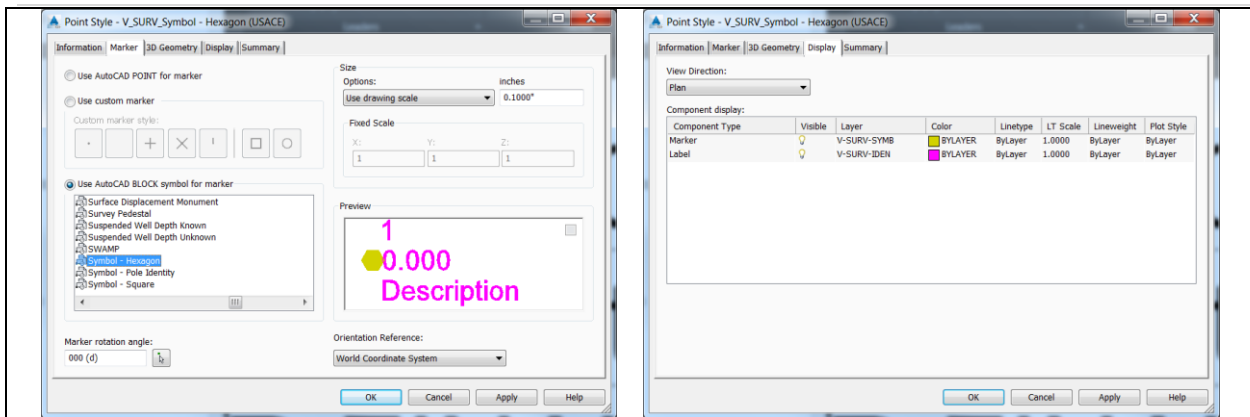
Description: Survey Pedestal



Name: SURV_Symbol - Hexagon V_(USACE)

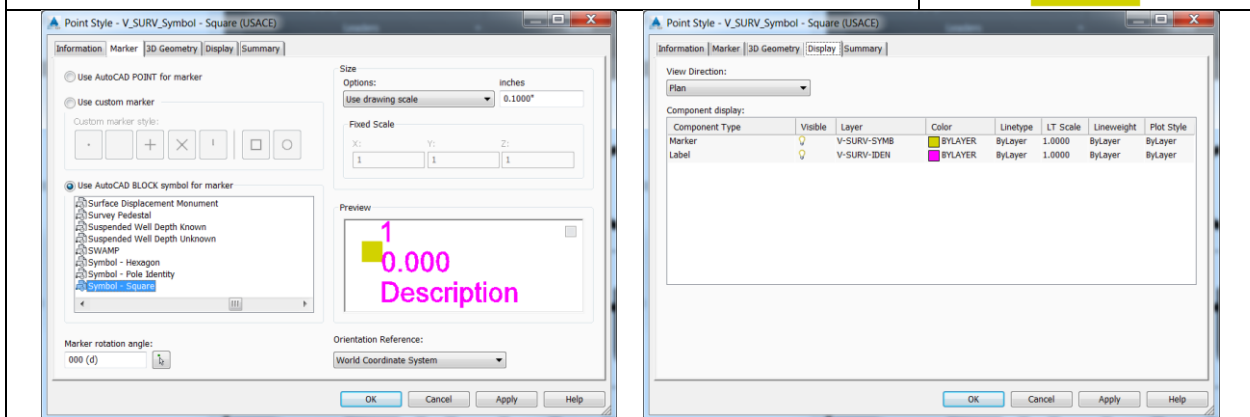
Description: Symbol - Hexagon





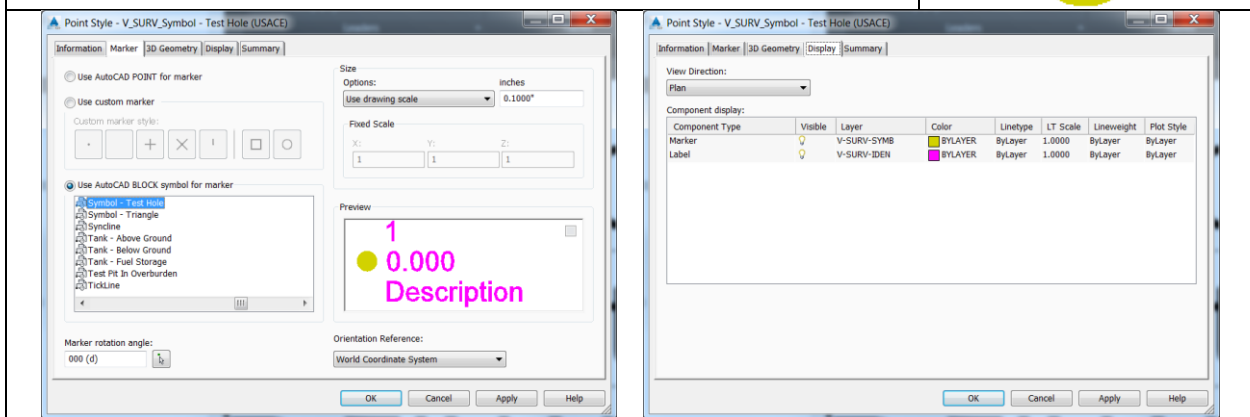
Name: SURV_Symbol - Square V_(USACE)

Description: Symbol - Square



Name: SURV_Symbol - Test Hole V_(USACE)

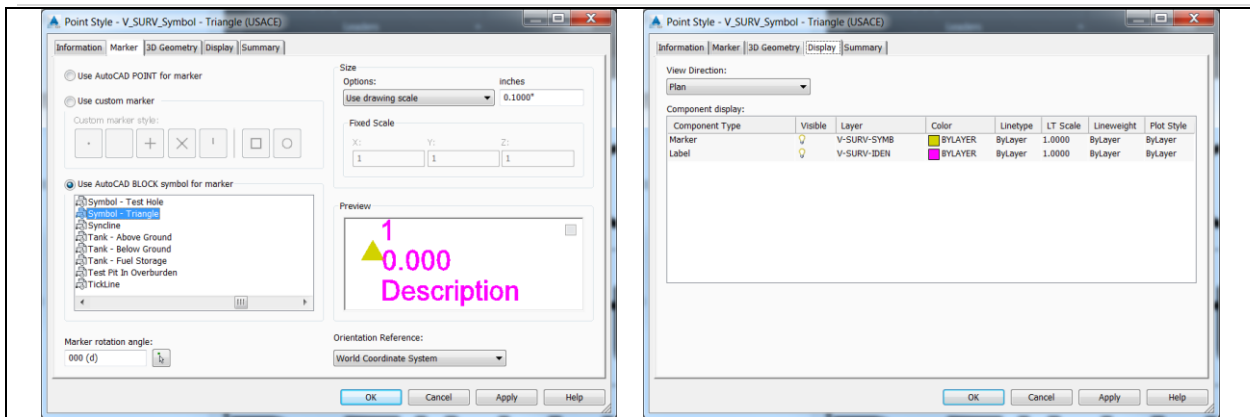
Description: Symbol - Test Hole



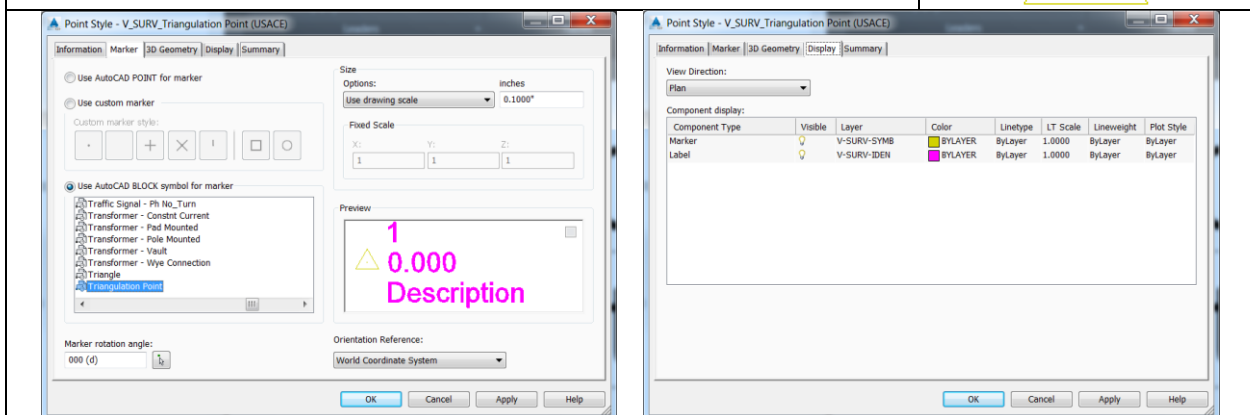
Name: SURV_Symbol - Triangle V_(USACE)

Description: Symbol - Triangle

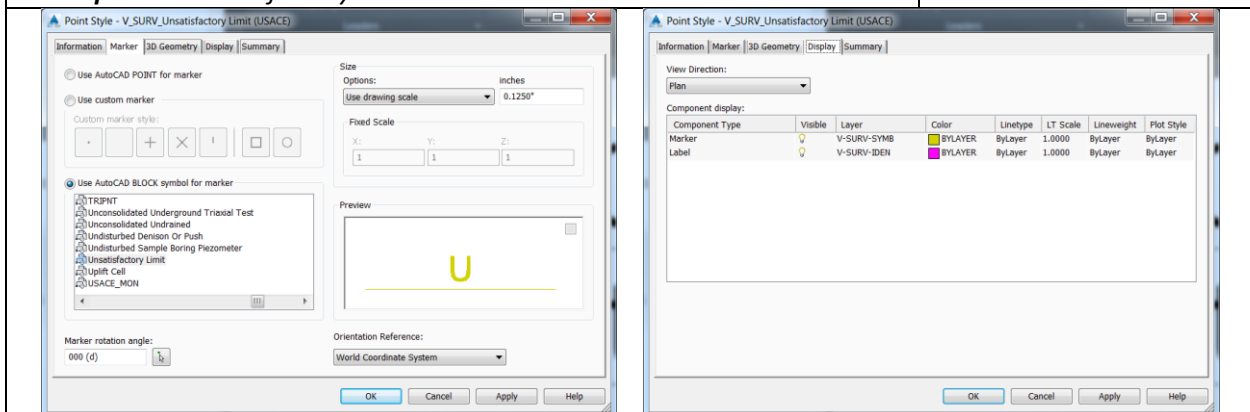




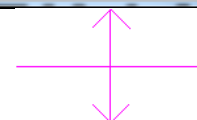
Name: SURV_Triangulation Point V_(USACE)
Description: Triangulation Point

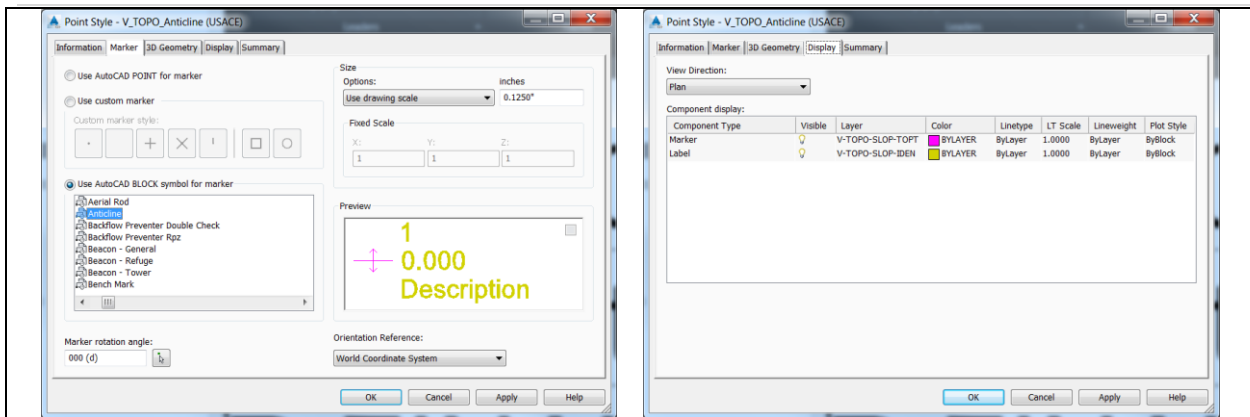


Name: SURV_Unsatisfactory Limit V_(USACE)
Description: Unsatisfactory Limit

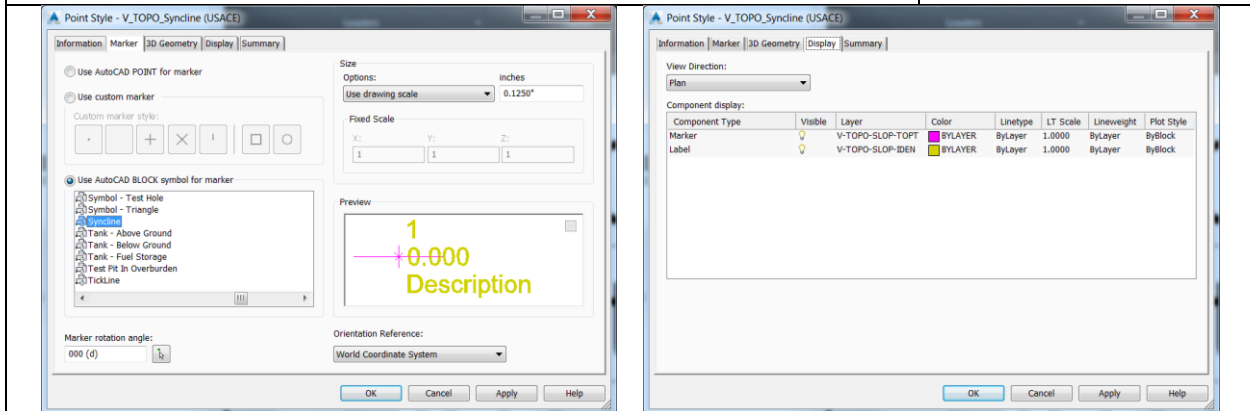


Name: TOPO_Anticline V_(USACE)
Description: Anticline

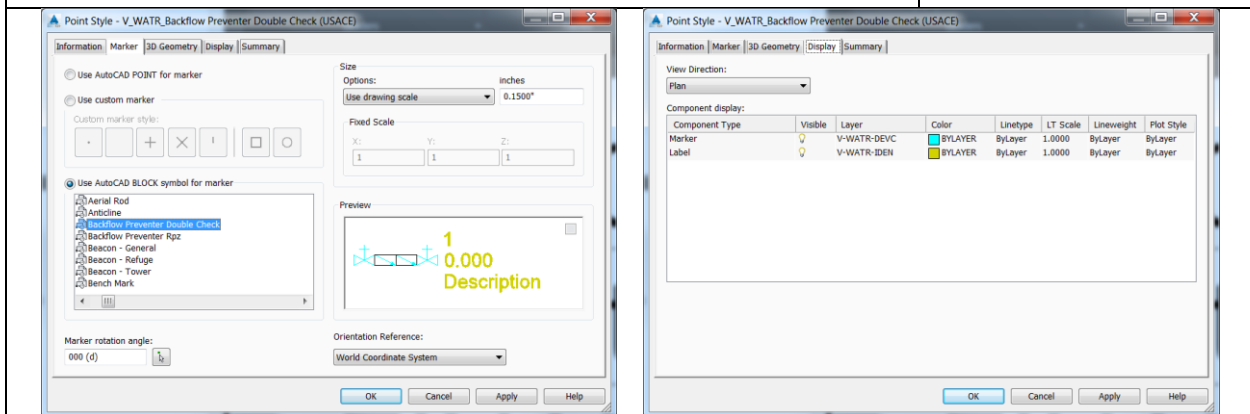




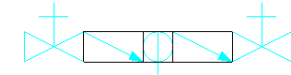
Name: TOPO_Syncline V_(USACE)
Description: Syncline

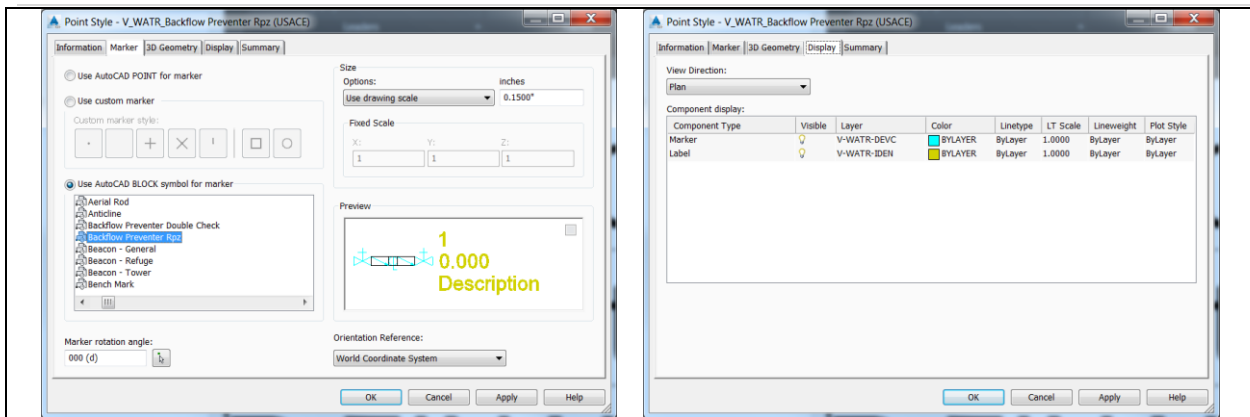


Name: WATR_Backflow Preventer Double Check V_(USACE)
Description: Backflow Preventer Double Check



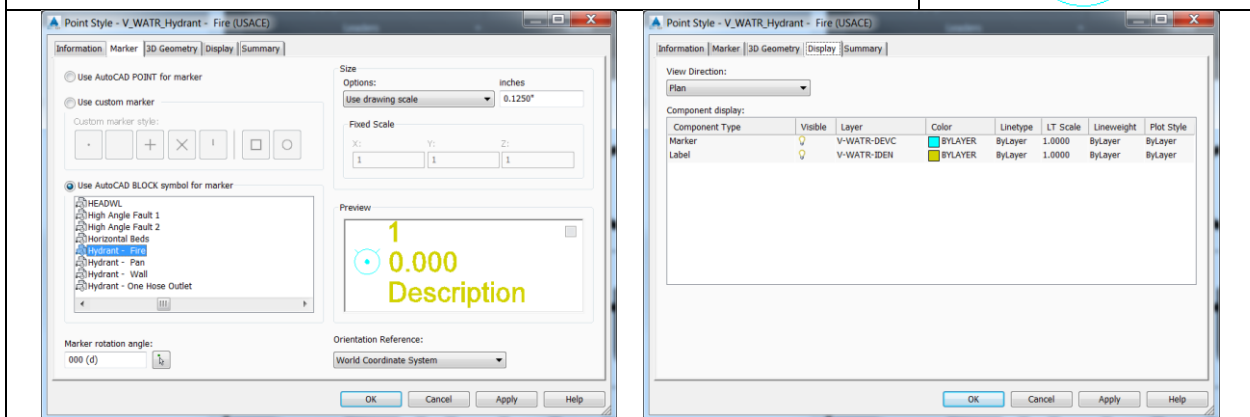
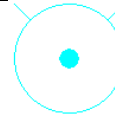
Name: WATR_Backflow Preventer Rpz V_(USACE)
Description: Backflow Preventer Rpz





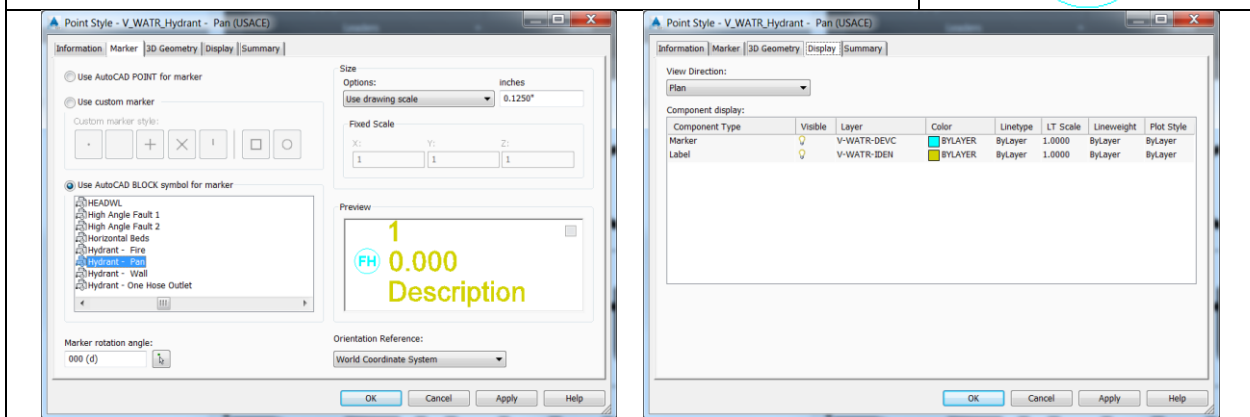
Name: WATR_Hydrant - Fire V_(USACE)

Description: Hydrant - Fire



Name: WATR_Hydrant - Pan V_(USACE)

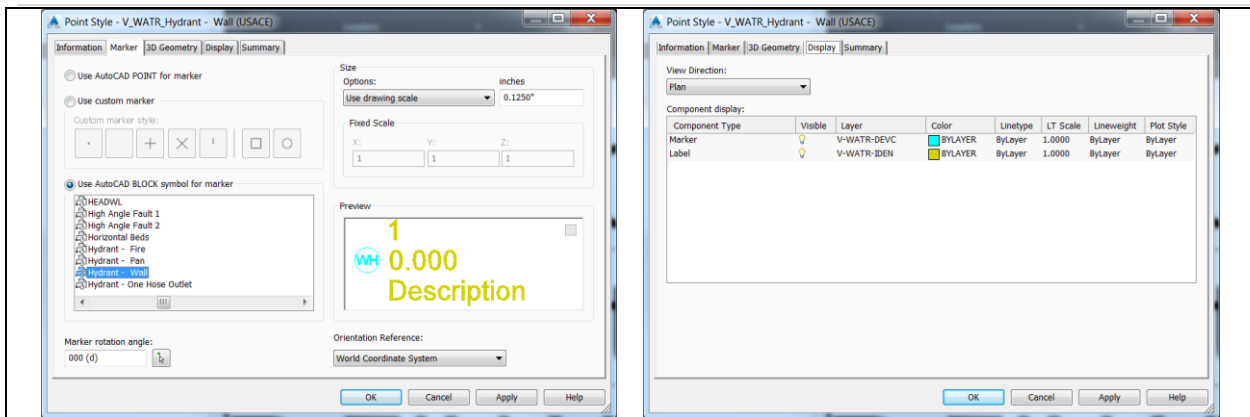
Description: Hydrant - Pan



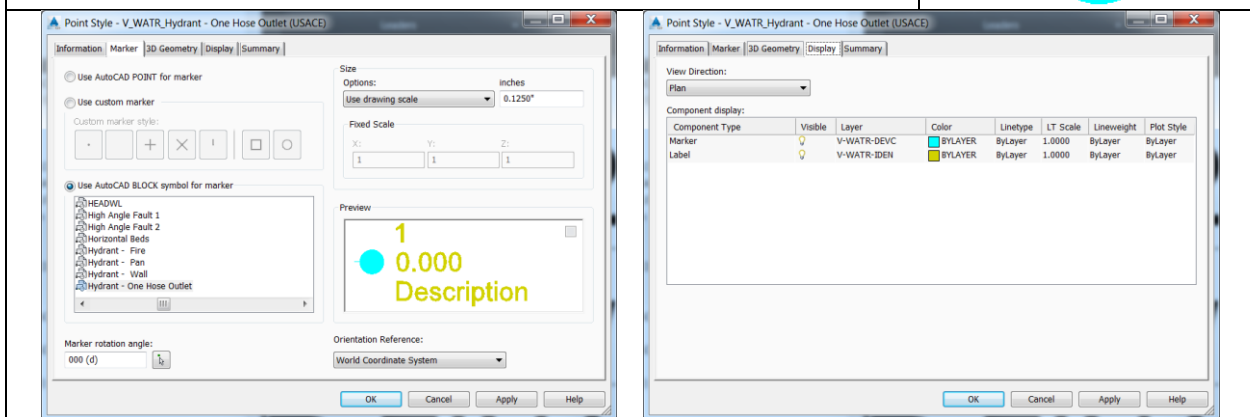
Name: WATR_Hydrant - Wall V_(USACE)

Description: Hydrant - Wall

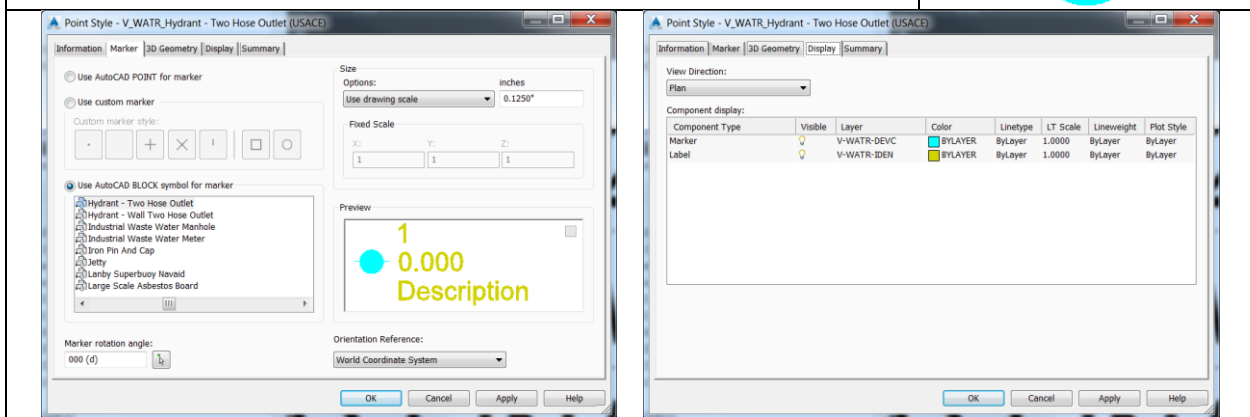
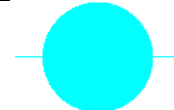




Name: WATR_Hydrant - One Hose Outlet V_(USACE)
Description: Hydrant - One Hose Outlet

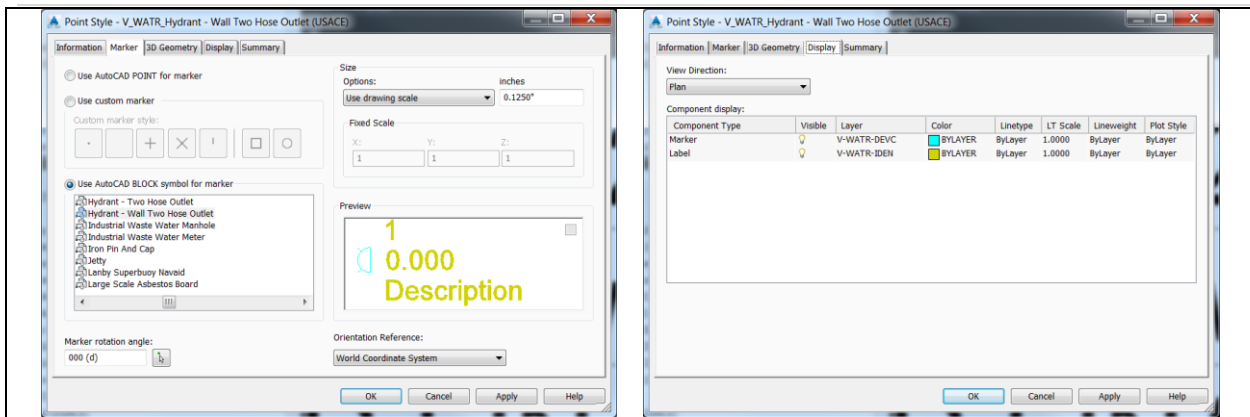


Name: WATR_Hydrant - Two Hose Outlet V_(USACE)
Description: Hydrant - Two Hose Outlet

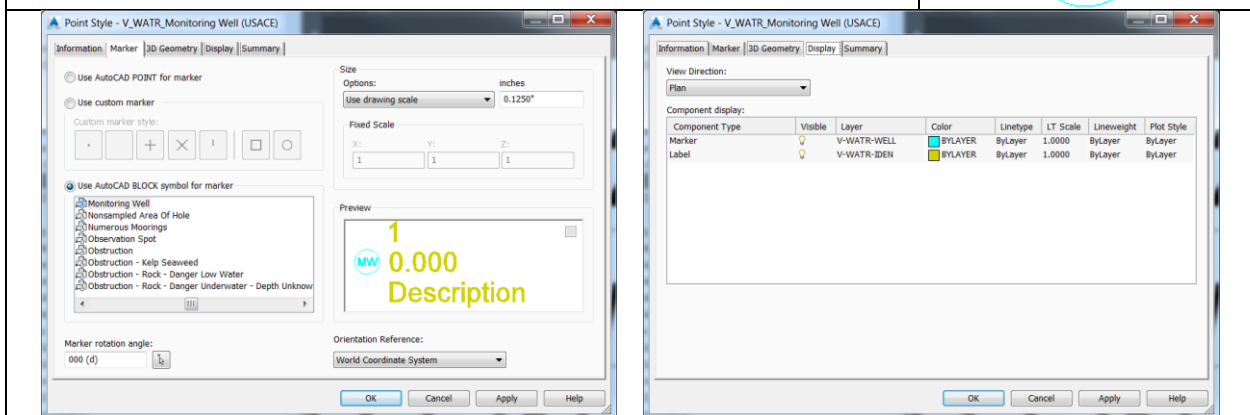


Name: WATR_Hydrant - Wall Two Hose Outlet V_(USACE)
Description: Hydrant - Wall Two Hose Outlet

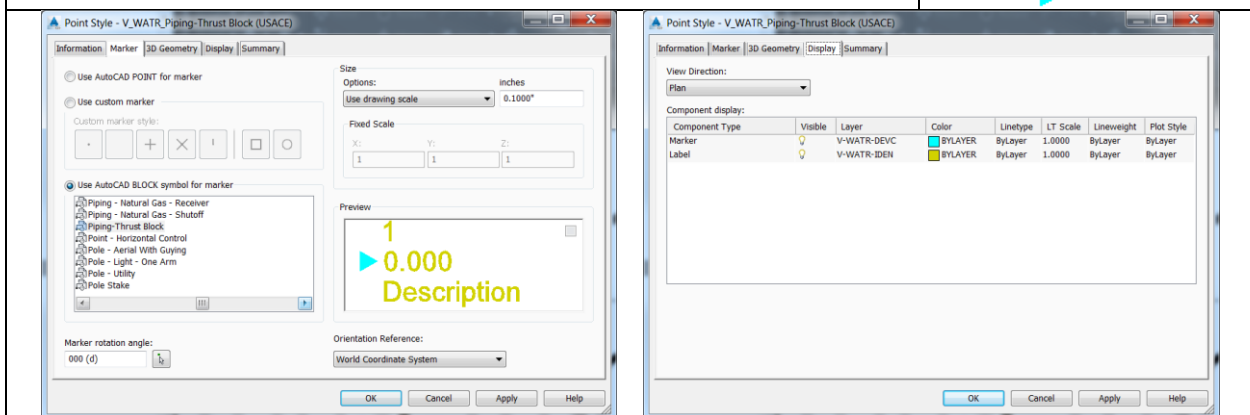




Name: WATR_Monitoring Well V_(USACE)
Description: Monitoring Well

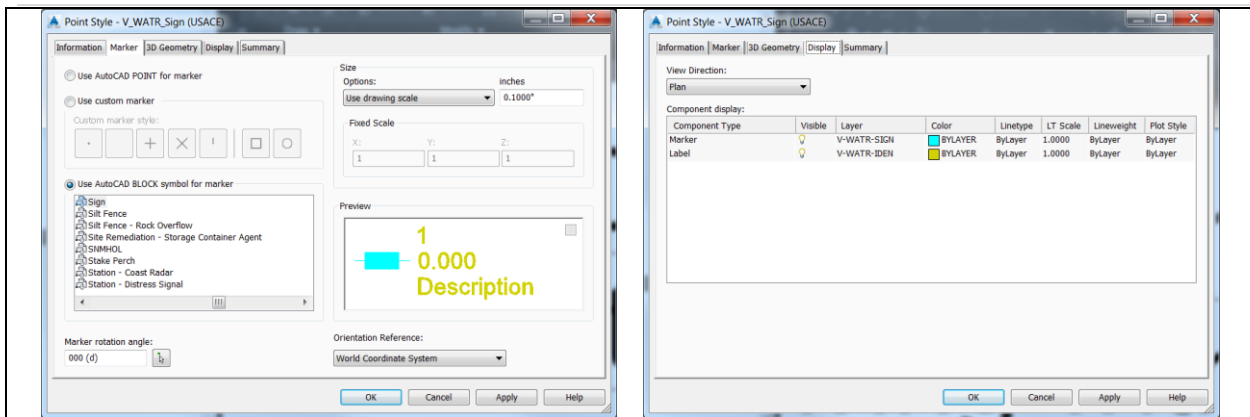


Name: WATR_Piping-Thrust Block V_(USACE)
Description: Piping-Thrust Block



Name: WATR_Sign V_(USACE)
Description: Sign

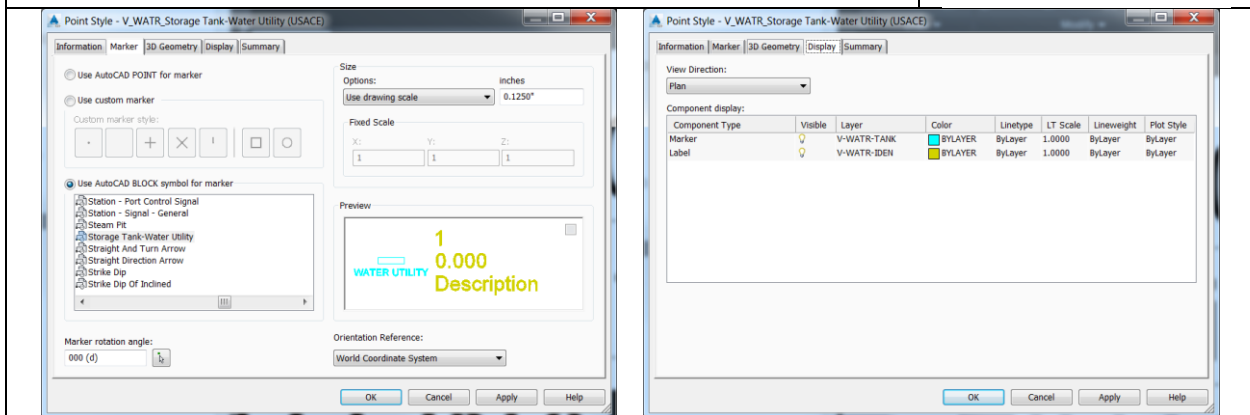




Name: WATR_Storage Tank-Water Utility V_(USACE)

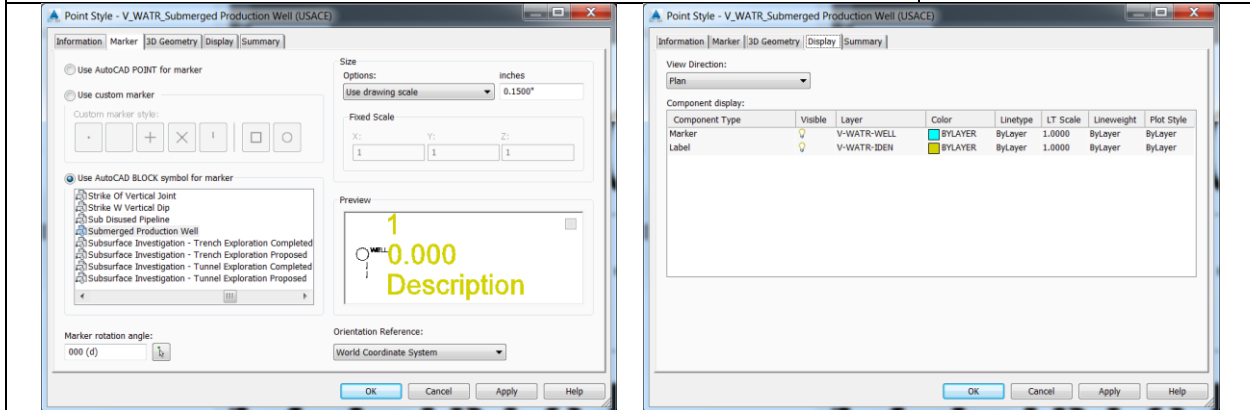
Description: Storage Tank-Water Utility

WATER UTILITY



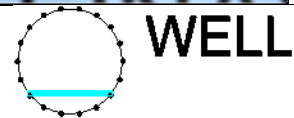
Name: WATR_Submerged Production Well V_(USACE)

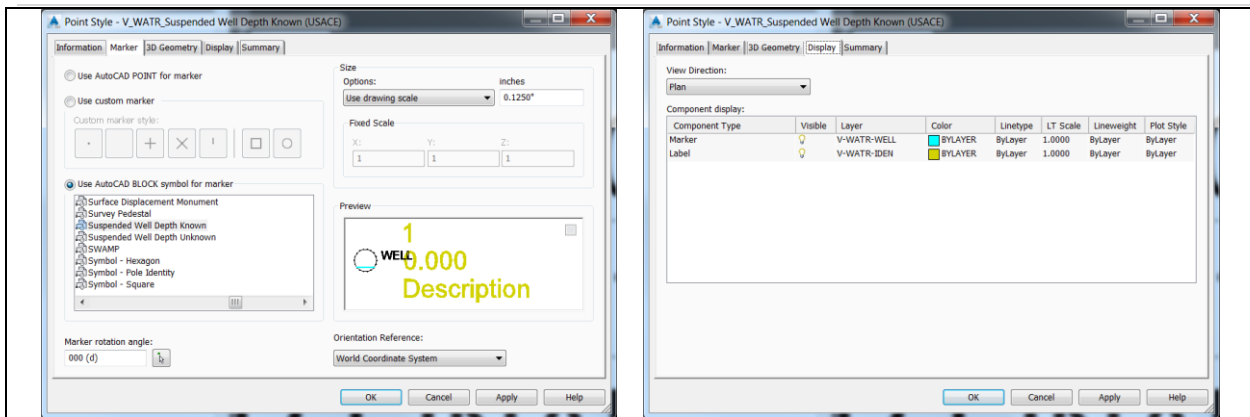
Description: Submerged Production Well



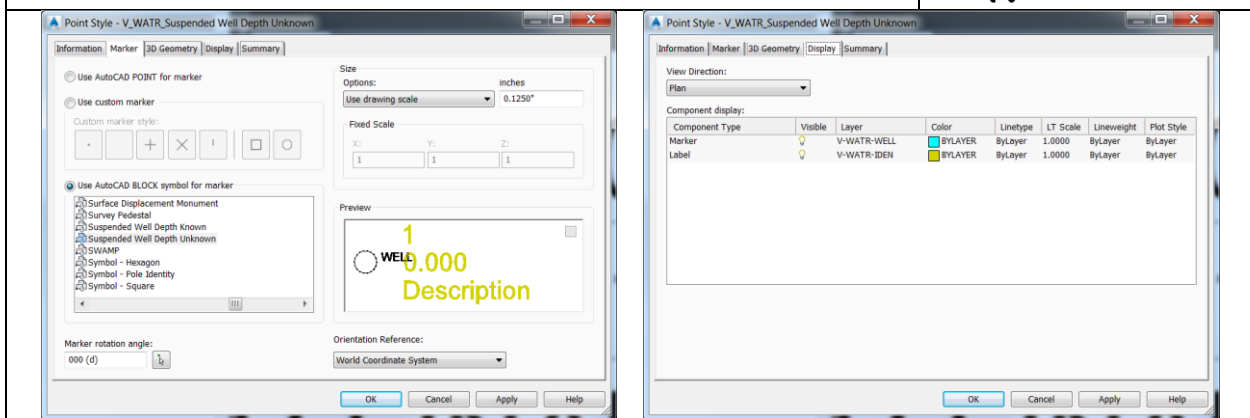
Name: WATR_Suspended Well Depth Known V_(USACE)

Description: Suspended Well Depth Known

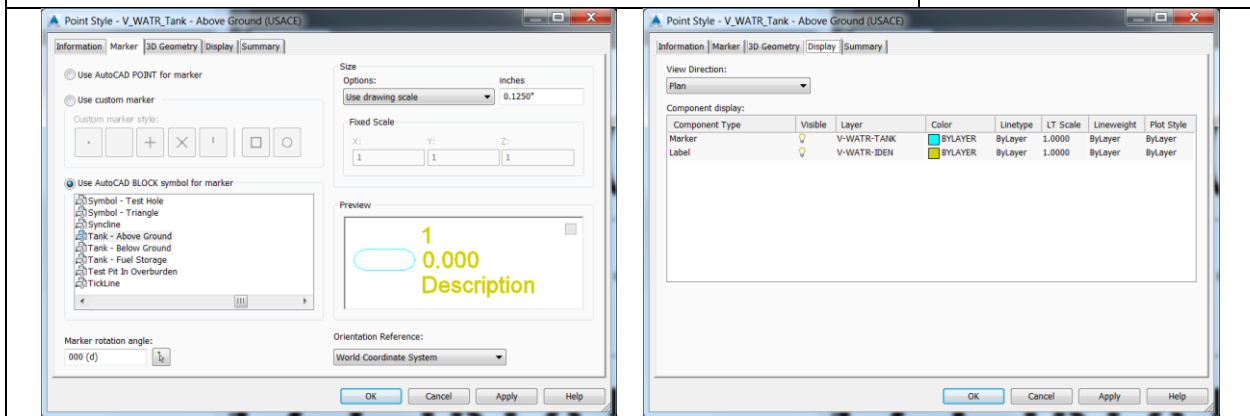




Name: WATR_Suspended Well Depth Unknown
Description: Suspended Well Depth Unknown

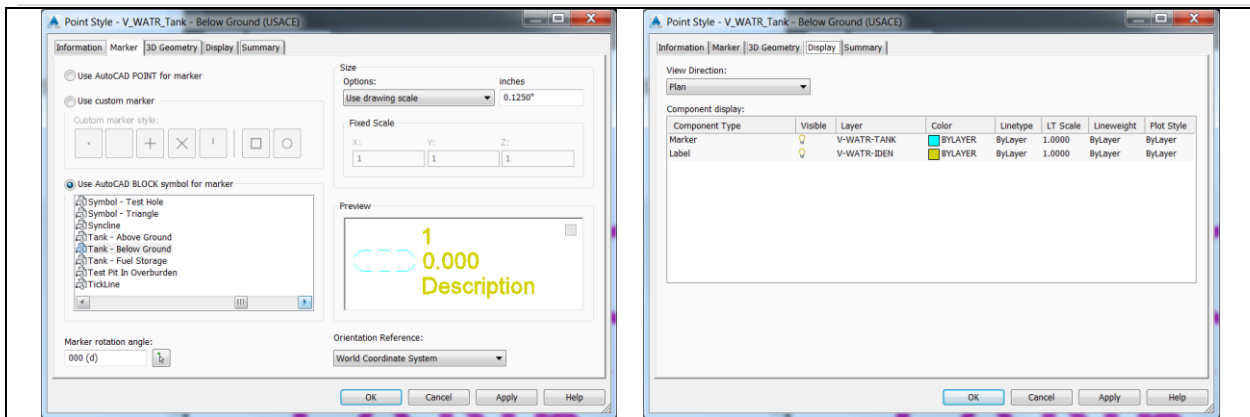


Name: WATR_Tank - Above Ground V_(USACE)
Description: Tank - Above Ground

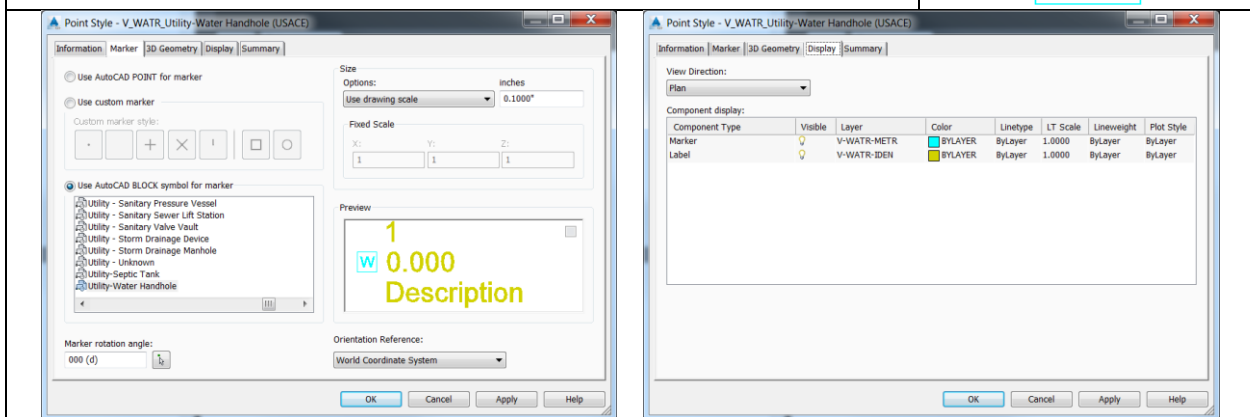


Name: WATR_Tank - Below Ground V_(USACE)
Description: Tank - Below Ground

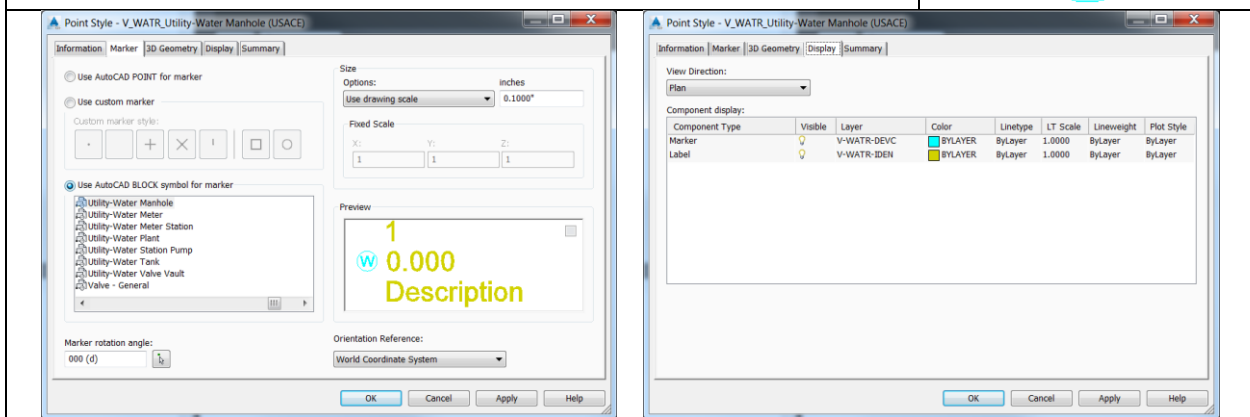




Name: WATR_Utility-Water Handhole V_(USACE)
Description: Utility-Water Handhole

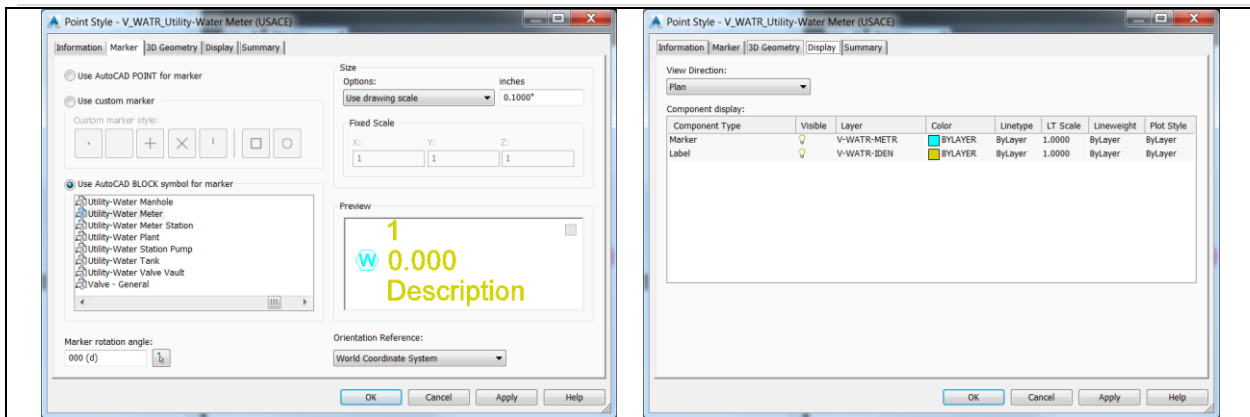


Name: WATR_Utility-Water Manhole V_(USACE)
Description: Utility-Water Manhole

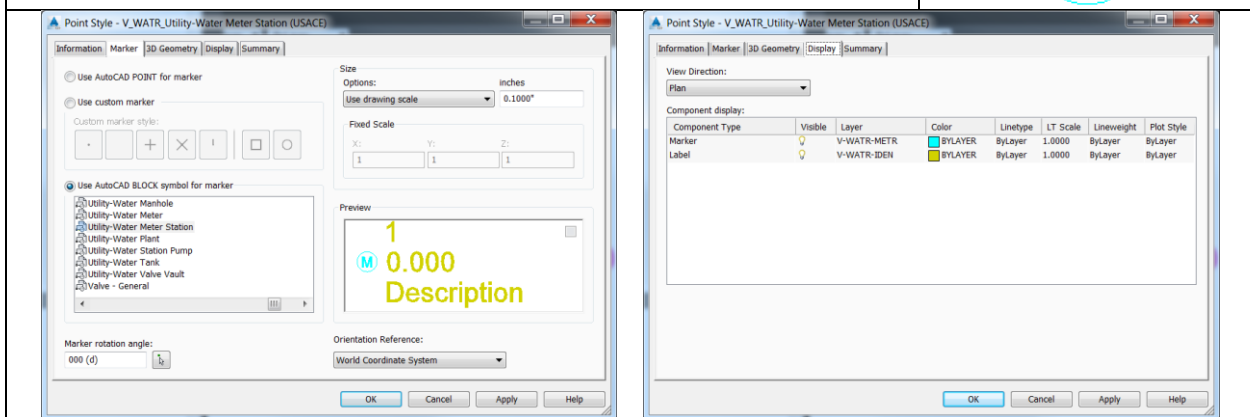


Name: WATR_Utility-Water Meter V_(USACE)
Description: Utility-Water Meter

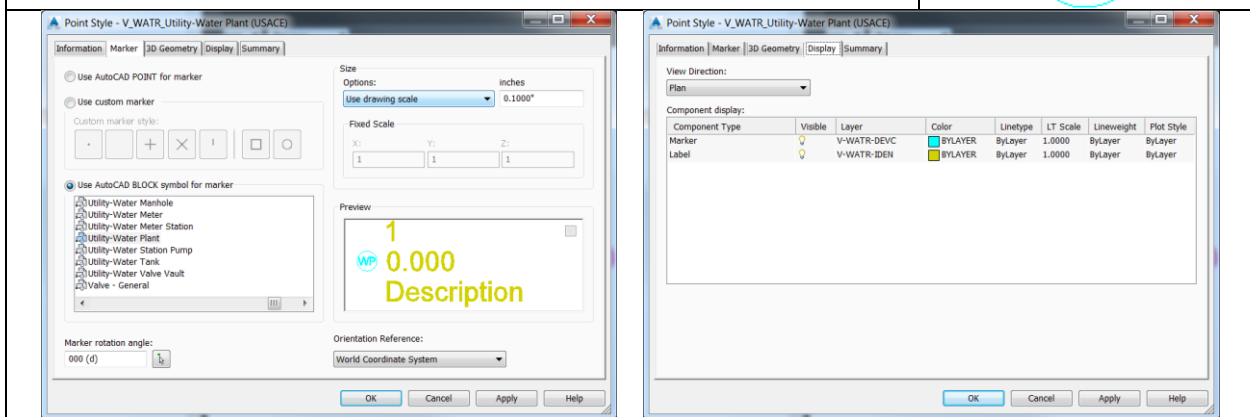




Name: WATR_Utility-Water Meter Station V_(USACE)
Description: Utility-Water Meter Station

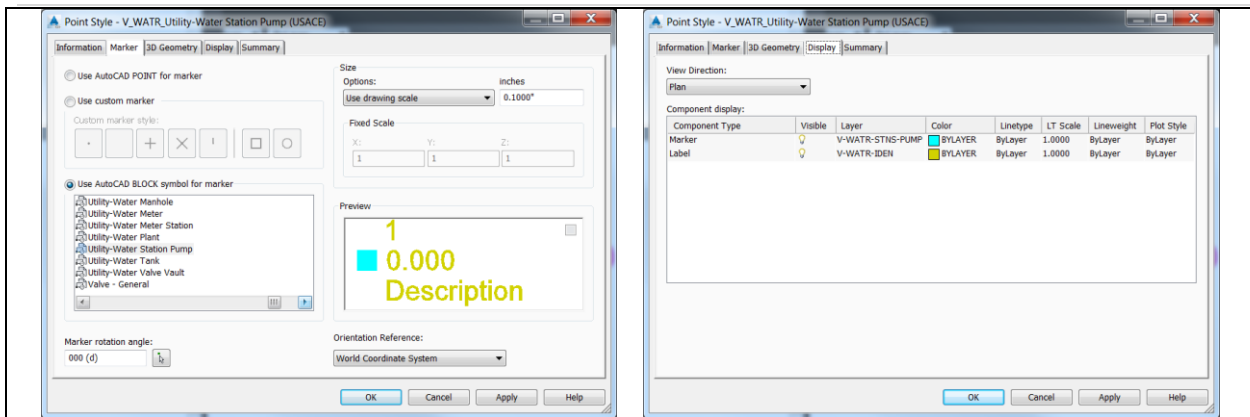


Name: WATR_Utility-Water Plant V_(USACE)
Description: Utility-Water Plant

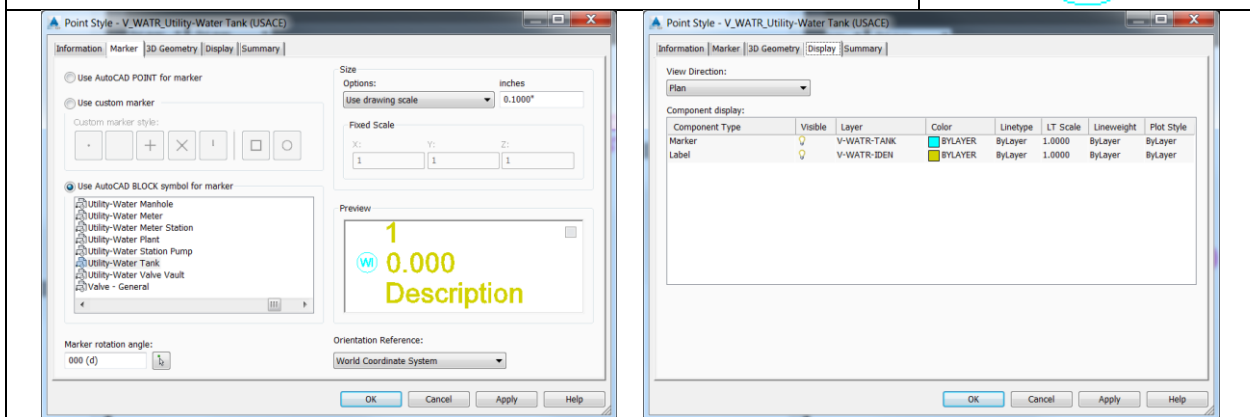


Name: WATR_Utility-Water Station Pump V_(USACE)
Description: Utility-Water Station Pump

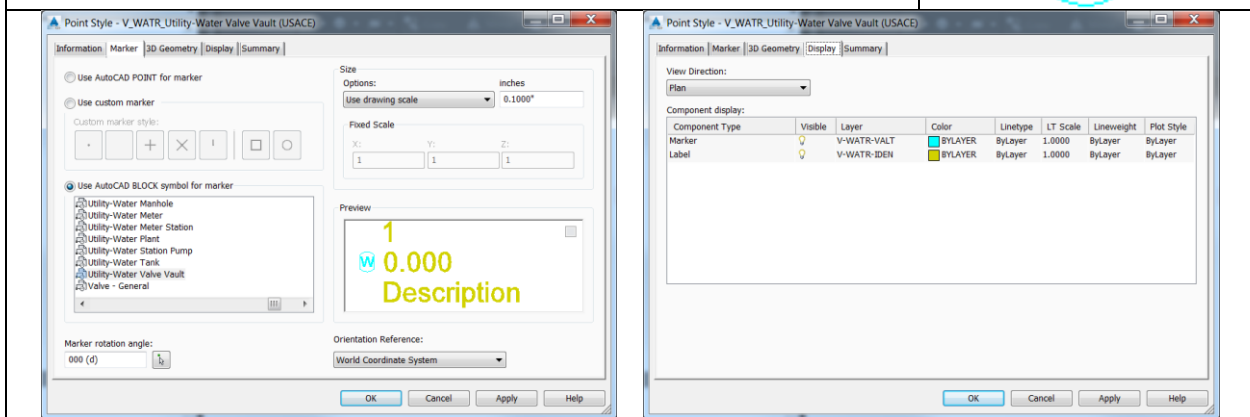




Name: WATR_Utility-Water Tank V_(USACE)
Description: Utility-Water Tank

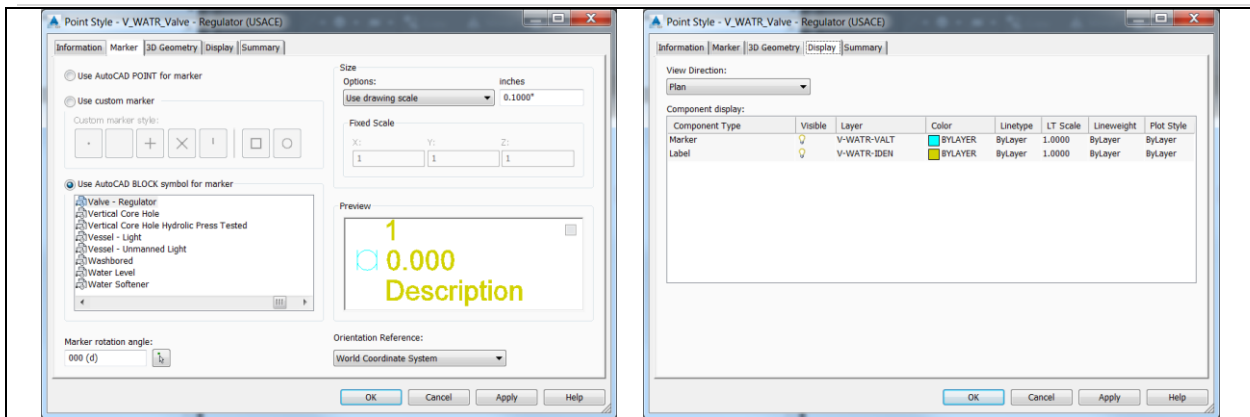


Name: WATR_Utility-Water Valve Vault V_(USACE)
Description: Utility-Water Valve Vault

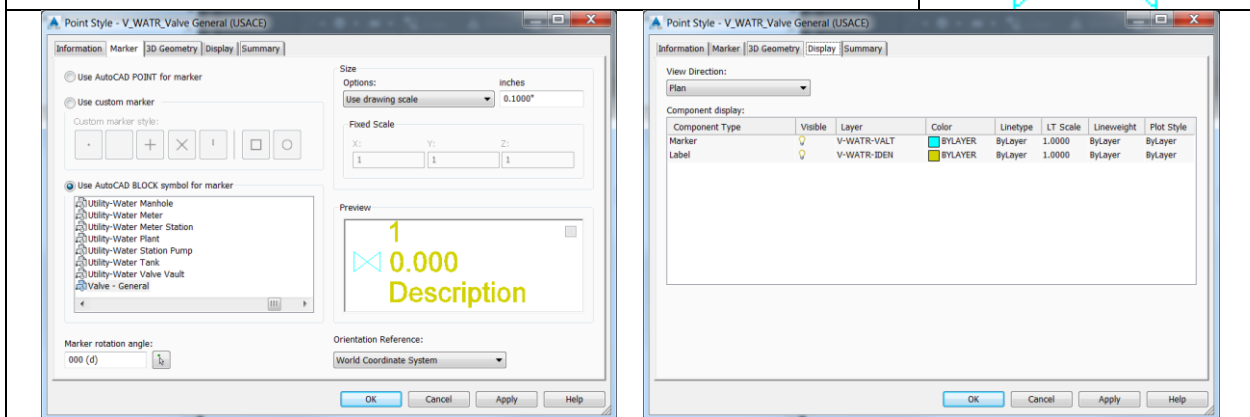


Name: WATR_Valve - Regulator V_(USACE)
Description: Valve - Regulator

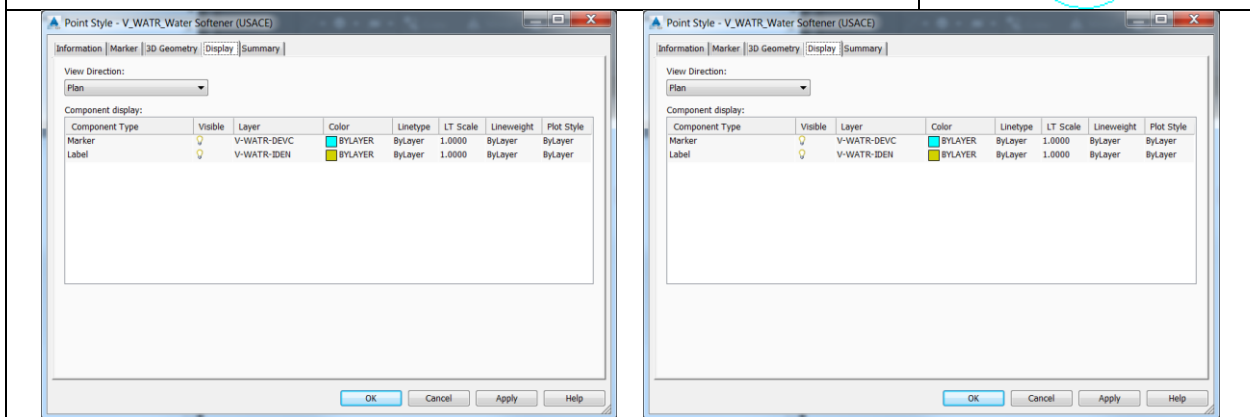




Name: WATR_Valve General V_(USACE)
Description: Valve General

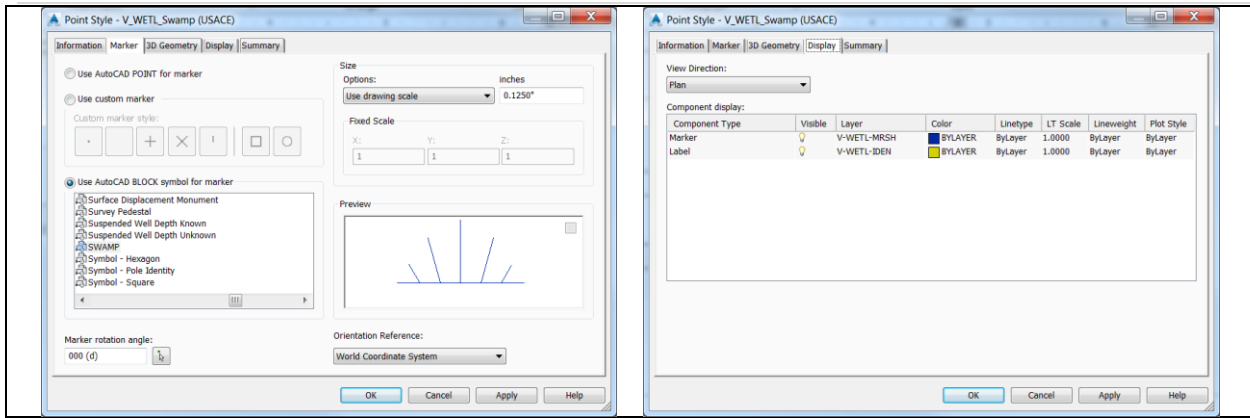


Name: WATR_Water Softener V_(USACE)
Description: Water Softener



Name: WETL_Swamp V_(USACE)
Description: Swamp

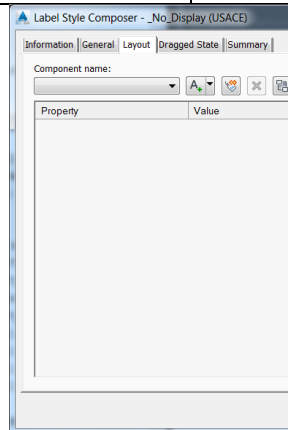
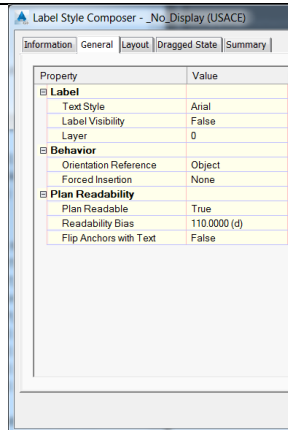




Point LABEL Styles (21)

Name: *_No_Display (USACE)*

Description: Empty Label - NO Components

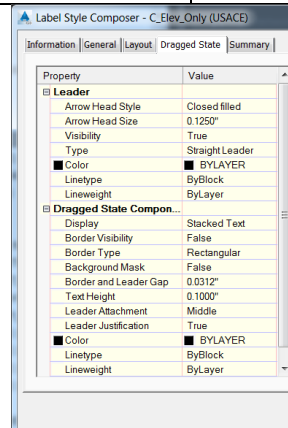
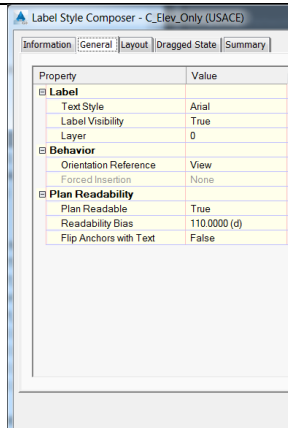


Name: *C_EleOnly (USACE)*

Description: PROPOSED
Elevation Only

× 200.00

× 100.00

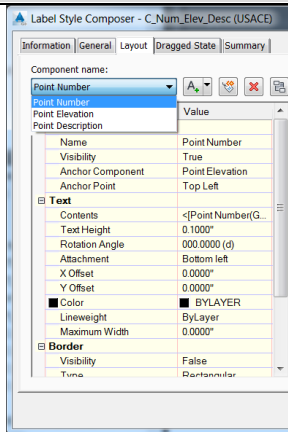
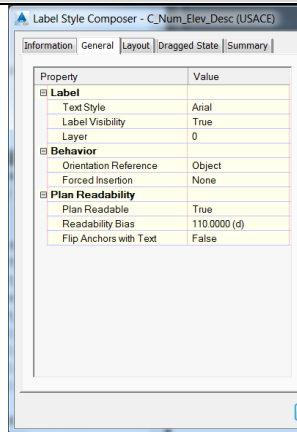


Name: *C_Num_Elev_Desc (USACE)*

Description: PROPOSED
Number
Elevation
Description

× 2
200.000
RANDOM

× 1
100.000
RANDOM



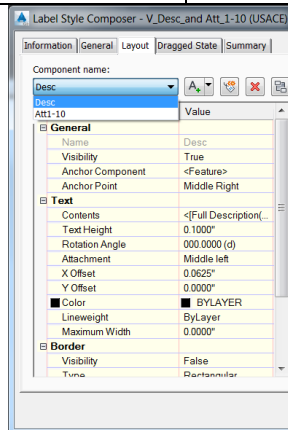
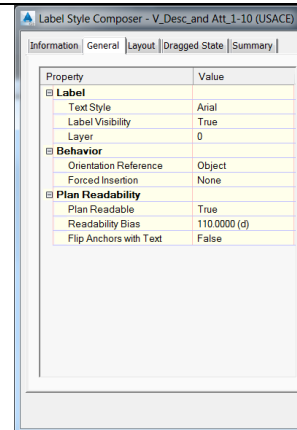
Name: V_Desc_and Att_1-10 (USACE)

Description: EXISTING

Description

Att 1 - 10

DESCRIPTION
Attribute 1
Attribute 2
Attribute 3
Attribute 4
Attribute 5
Attribute 6
Attribute 7
Attribute 8
Attribute 9
Attribute 10



Name: V_Desc_N_E_Elev (USACE)

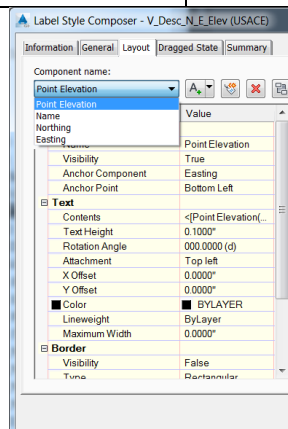
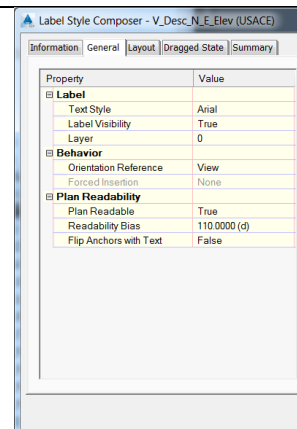
Description: EXISTING

Description

Northing

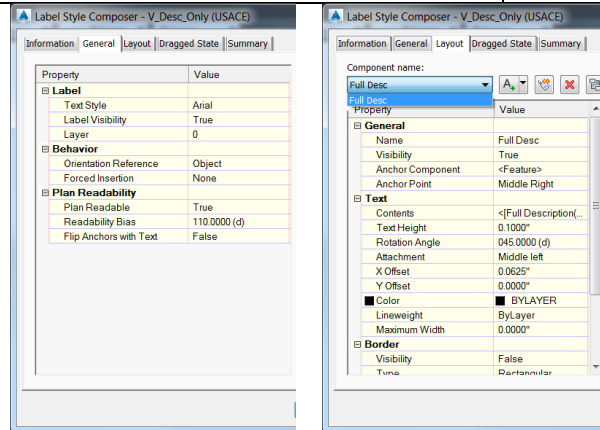
Easting

RANDOM
N 50.33
E 48.33
200.00
RANDOM
N 25.33
E 23.33
100.00



Name: V_Desc_Only (USACE)
Description: EXISTING
 Description Only

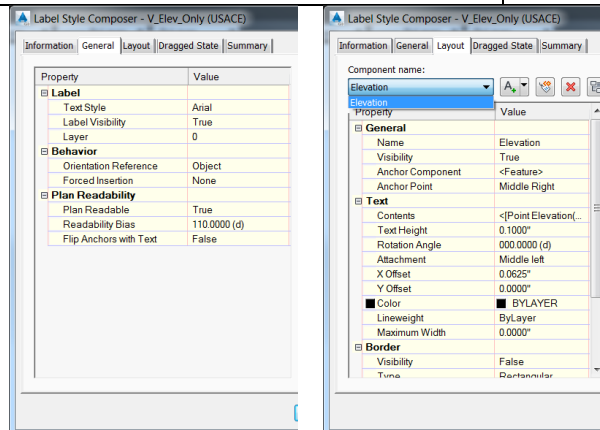
× RANDOM × RANDOM



Name: V_Elev_Only (USACE)
Description: EXISTING
 Elevation Only

× 200.00

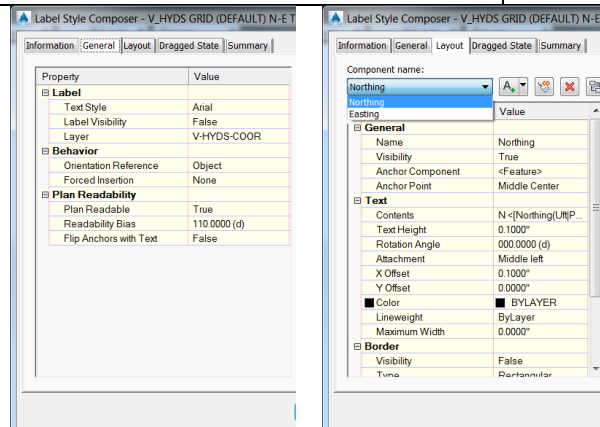
× 100.00



Name: V_HYDS GRID (DEFAULT) N-E TICK_ONLY (USACE)
Description: xxx

×

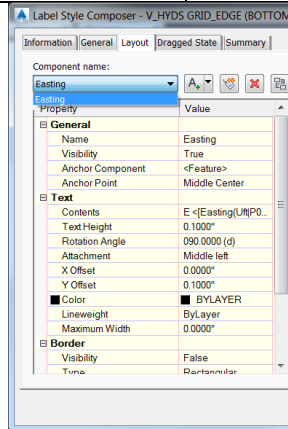
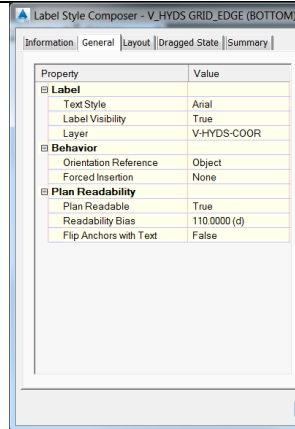
×



Name: V_HYDS GRID_EDGE (BOTTOM)_EASTING ONLY (USACE)
Description: <none>

× E 23

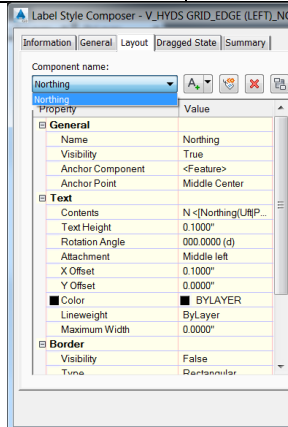
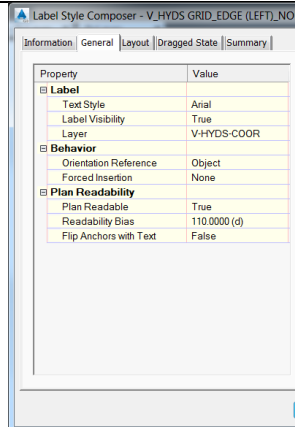
× E 48



Name: V_HYDS GRID_EDGE (LEFT)_NORTHING ONLY (USACE)
Description: <none>

× N 25

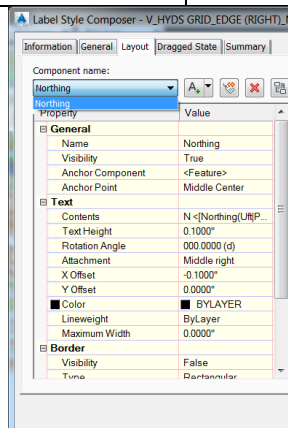
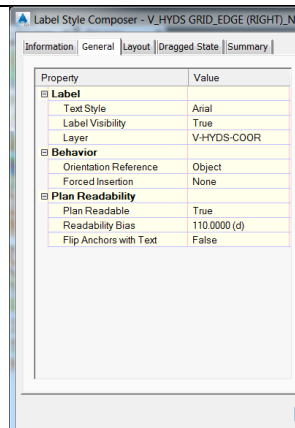
× N 50



Name: V_HYDS GRID_EDGE (RIGHT)_NORTHING ONLY (USACE)
Description: <none>

× N 25

× N 50

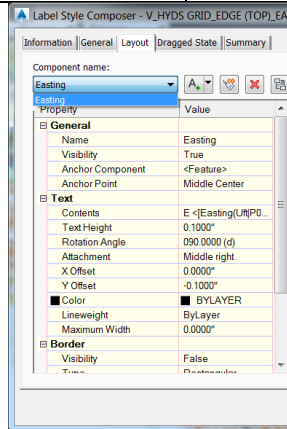
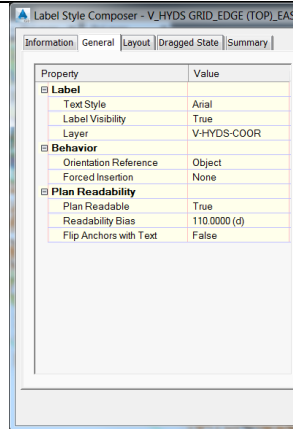


Name: V_HYDS GRID_EDGE (TOP)_EASTING ONLY (USACE)

Description: <none>

E 23

E 48

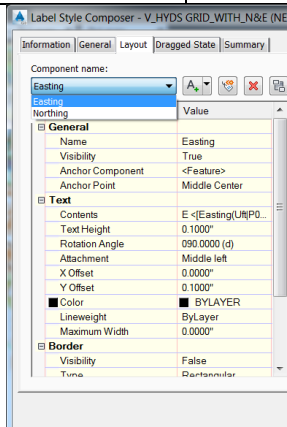
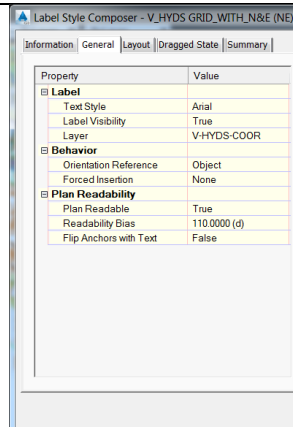


Name: V_HYDS GRID_WITH_N&E (NE) (USACE)

Description: <none>

E 23

E 48
N 50



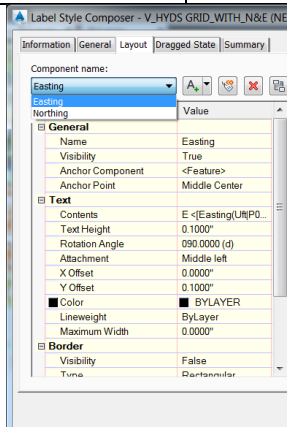
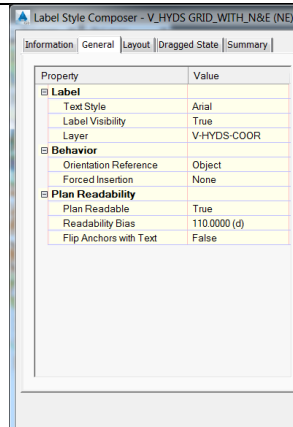
Name: V_HYDS GRID_WITH_N&E (NW) (USACE)

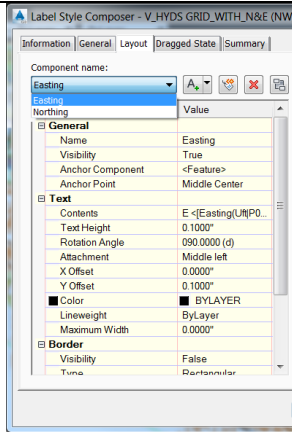
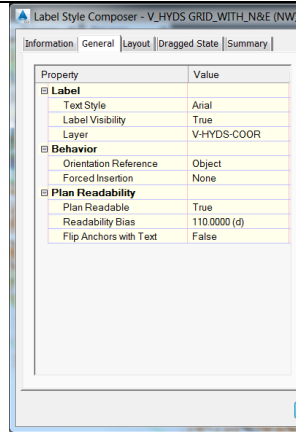
Description: <none>

N 25

N 50

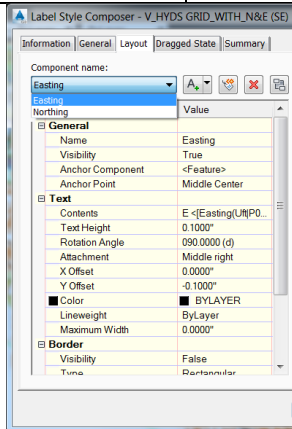
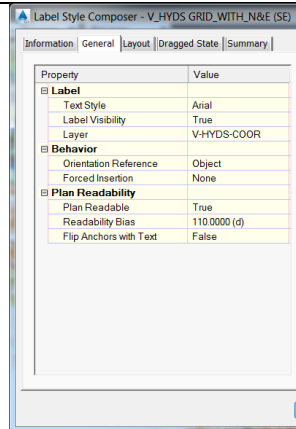
E 48





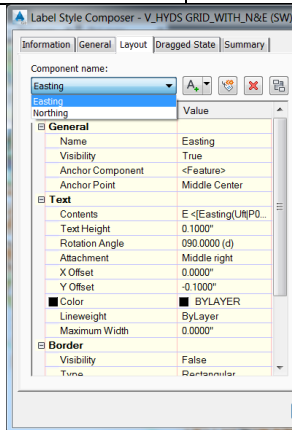
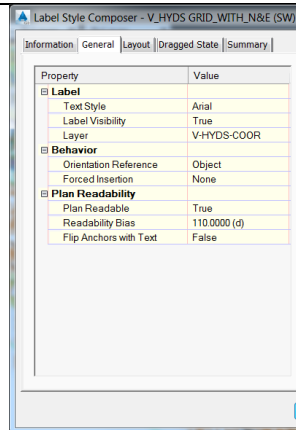
Name: V_HYDS GRID_WITH_N&E (SE) (USACE)
Description: <none>

E 23 X N 25
 E 48 X N 50



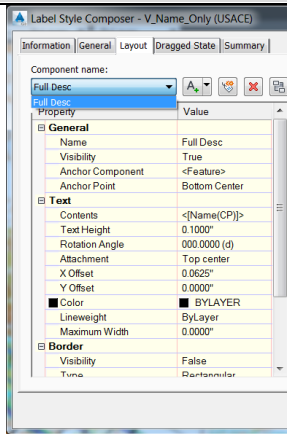
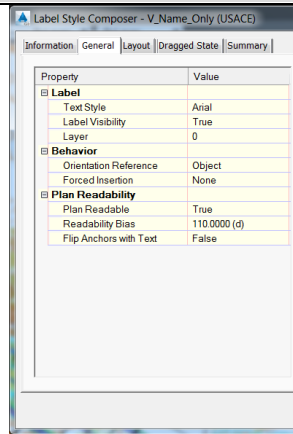
Name: V_HYDS GRID_WITH_N&E (SW) (USACE)
Description: xxx

E 23 X N 25
 E 48 X N 50



Name: V_Name_Only (USACE)
Description: EXISTING
 Name Only

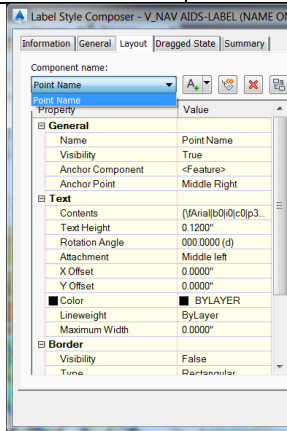
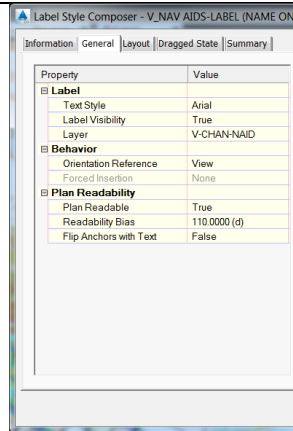
NAME X
 NAME X



Name: V_NAV AIDS-LABEL (NAME ONLY) (USACE)
Description: POINT GROUPS - NAVIGATION AIDES, USED FOR SURVEY NAV AID LABEL
 LABEL IS TEXT CODE (POINT DESCRIPTION)
 OFFSETS THE LABEL TO THE EAST
 FOR USACE-POA-SURVEY PROJECTS

✗ NAME

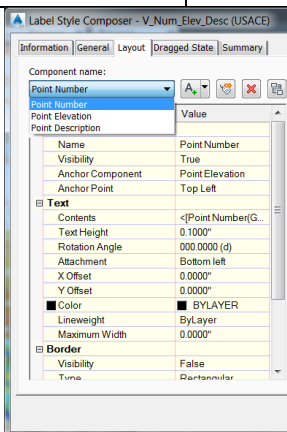
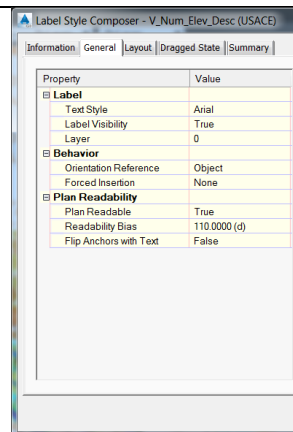
✗ NAME



Name: V_Num_Elev_Desc (USACE)
Description: EXISTING
 Number
 Elevation
 Description

✗ 2
200.000
RANDOM

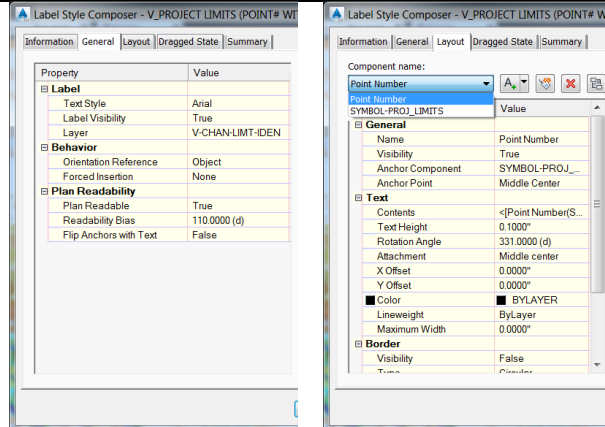
✗ 1
100.000
RANDOM



Name: V_PROJECT LIMITS (POINT# WITH CIRCLE) - DEFAULT (USACE)
Description: POINT GROUPS - PROJECT LIMITS (DEFAULT)
 PROJECT LIMITS LABEL (DEFAULT)



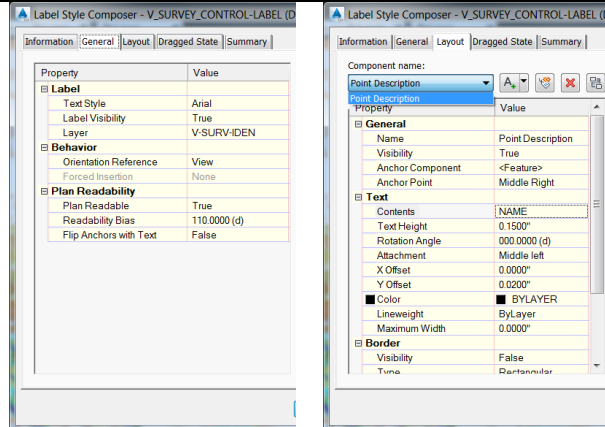
FOR USACE-POA-SURVEY PROJECTS
 LABEL IS TEXT CODE WITH BLOCK (AECCTICKCIRCLE)
 SYMBOL USES CUSTOM MARKER



Name: V_SURVEY_CONTROL-LABEL (DEFAULT (USACE)
Description: POINT GROUPS - SURVEY CONTROL, USED FOR
 SURVEY CONTROL LABEL
 LABEL IS TEXT CODE (POINT DESCRIPTION)
 OFFSETS THE LABEL TO THE EAST
 FOR USACE-POA-SURVEY PROJECTS

✕NAME

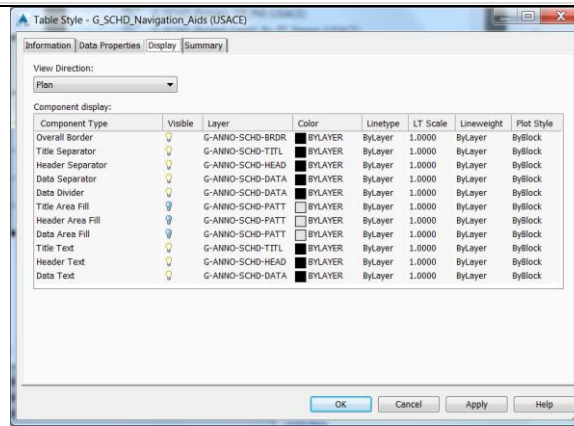
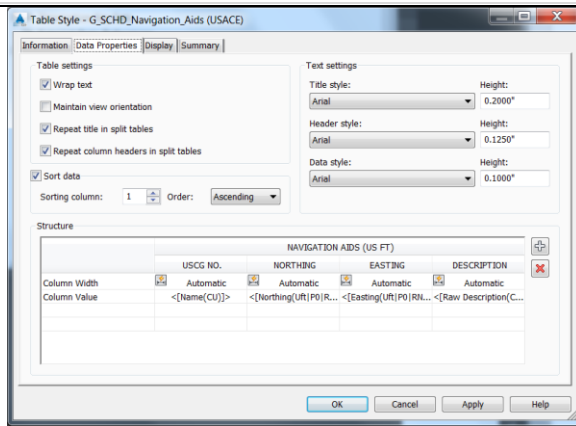
✕NAME



Point TABLE Styles (11)

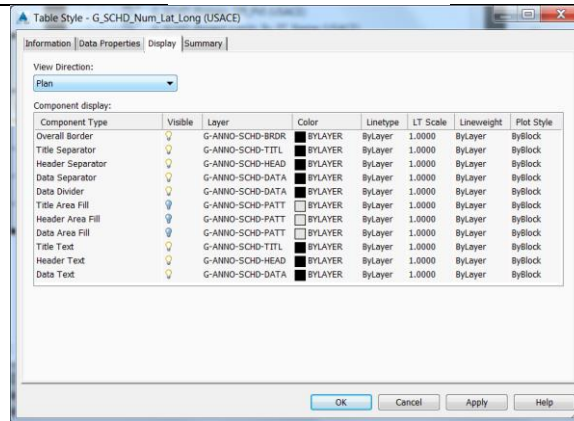
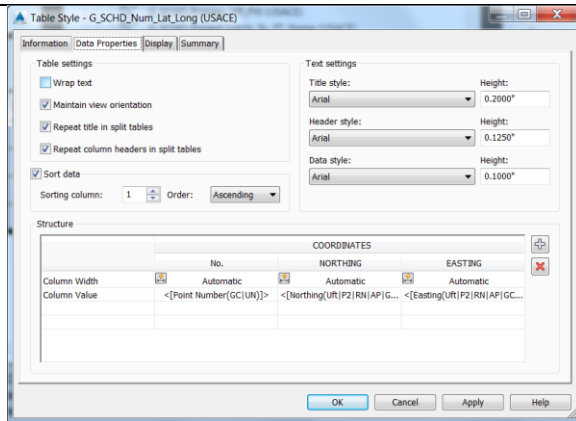
Name: G_SCHD_Navigation_Aids (USACE)
Description: Name | Northing | Easting |
 Description

NAVIGATION AIDS (US FT)			
USCG NO.	NORTHING	EASTING	DESCRIPTION
600,483	1,307,222	AC	
600,383	1,307,222	AP	
600,283	1,307,222	APR	
600,183	1,307,222	ASP	
600,083	1,307,222	ATO	
599,983	1,307,222	ATP	



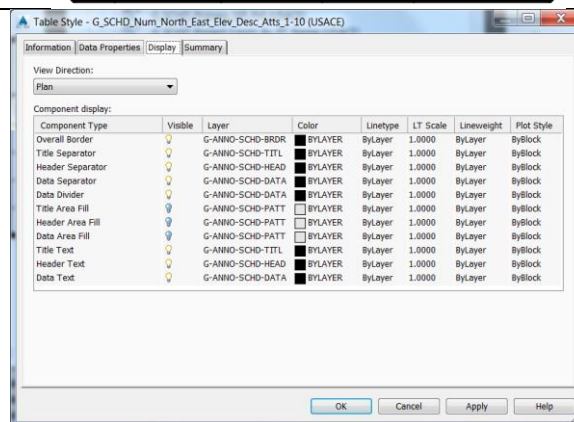
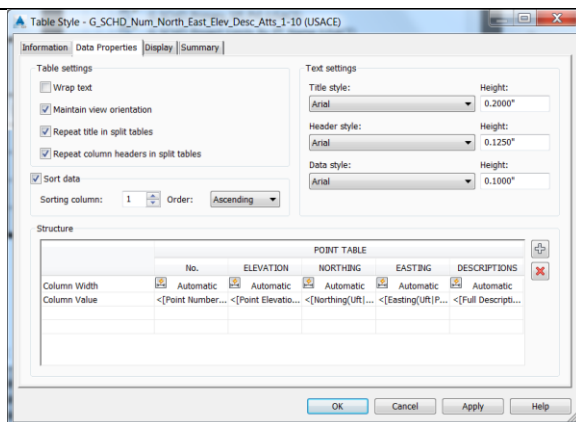
Name: G_SCHD_Num_Lat_Long (USACE)
Description: No. | LAT | LONG

COORDINATES		
No.	NORTHING	EASTING
1	600,482.52	1,307,222.05
2	600,382.52	1,307,222.05
3	600,282.52	1,307,222.05
4	600,182.52	1,307,222.05
5	600,082.52	1,307,222.05
6	599,982.52	1,307,222.05



Name: G_SCHD_Num_North_East_Elev_Desc_Atts_1-10 (USACE)
Description: No. | N | E | EL | FULL Desc
 /A1/A2/A3/A4/A5/A6/A7/A8/A9/A10

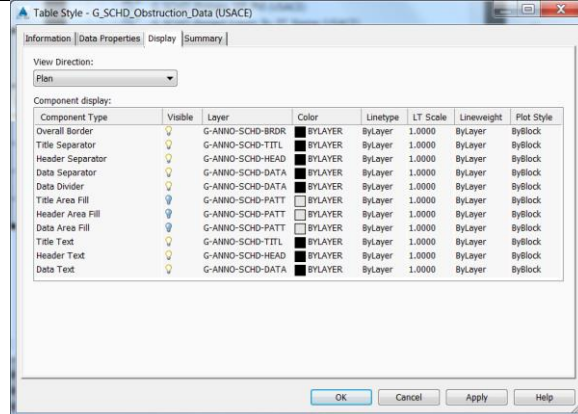
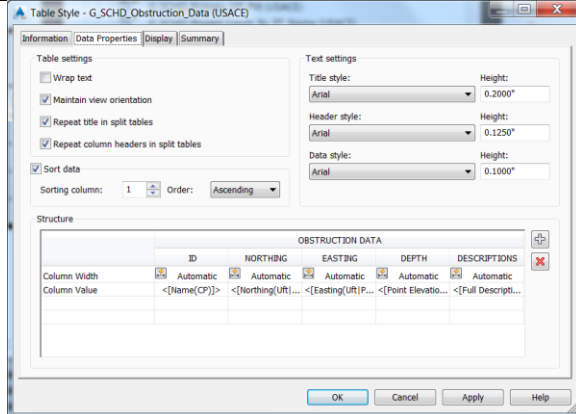
POINT TABLE				
No.	ELEVATION	NORTHING	EASTING	DESCRIPTIONS
1	1010.00	600,482.52	1,307,222.05	TOP OF A.C. PAD
2	1010.00	600,382.52	1,307,222.05	ABANDONED PIPE
3	1010.00	600,282.52	1,307,222.05	APRON
4	1010.00	600,182.52	1,307,222.05	ASPHALT
5	1010.00	600,082.52	1,307,222.05	ASPHALT
6	1010.00	599,982.52	1,307,222.05	ABUTMENT TOE



Name: G_SCHD_Obstruction_Data (USACE)
Description: "NAME" | NORTHING | EASTING | DEPTH | APROX SIZE

OBSTRUCTION DATA

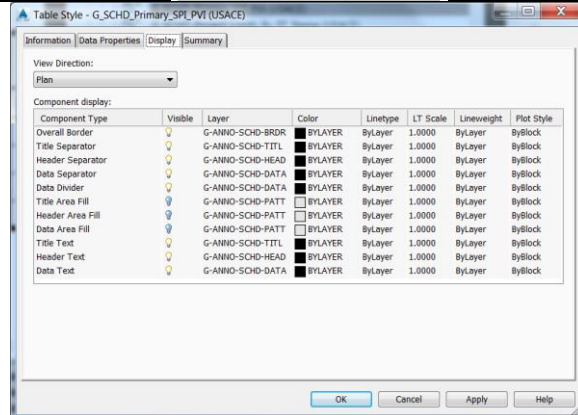
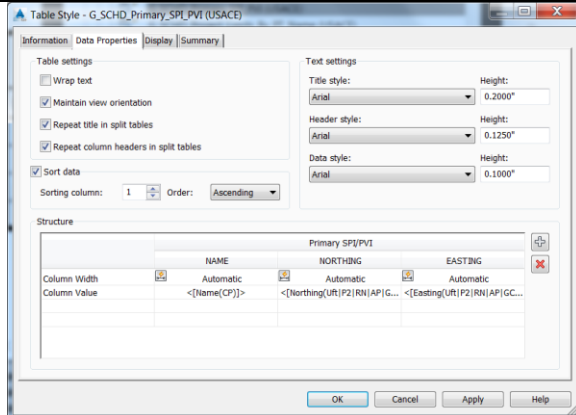
ID	NORTHING	EASTING	DEPTH	DESCRIPTIONS
600,482.52	1,307,222.05	1010.00		TOP OF A.C. PAD
600,382.52	1,307,222.05	1010.00		ABANDONED PIPE
600,282.52	1,307,222.05	1010.00		APRON
600,182.52	1,307,222.05	1010.00		ASPHALT
600,082.52	1,307,222.05	1010.00		ASPHALT
599,982.52	1,307,222.05	1010.00		ABUTMENT TOE



Name: G_SCHD_Primary_SPI_PVI (USACE)
Description: Name | Northing | Easting

Primary SPI/PVI

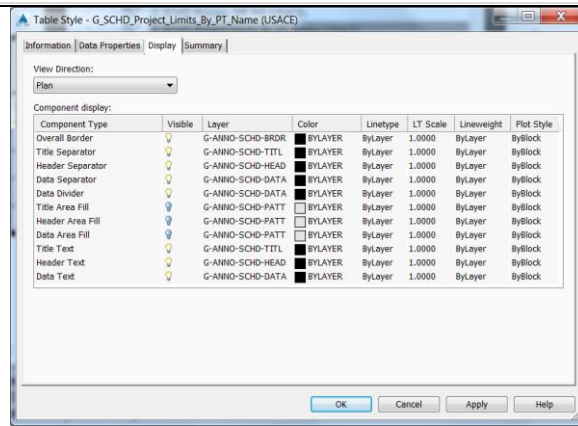
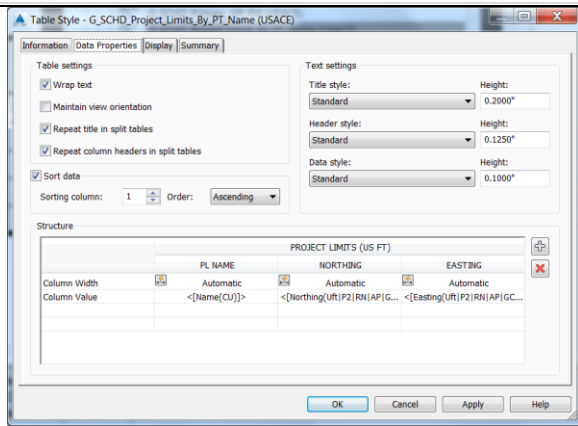
NAME	NORTHING	EASTING
600,482.52	1,307,222.05	
600,382.52	1,307,222.05	
600,282.52	1,307,222.05	
600,182.52	1,307,222.05	
600,082.52	1,307,222.05	
599,982.52	1,307,222.05	



Name: G_SCHD_Project_Limits_By_PT_Name (USACE)
Description: Name | Northing | Easting

PROJECT LIMITS (US FT)

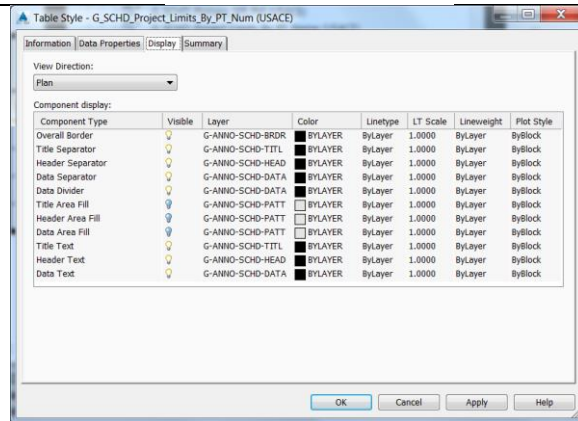
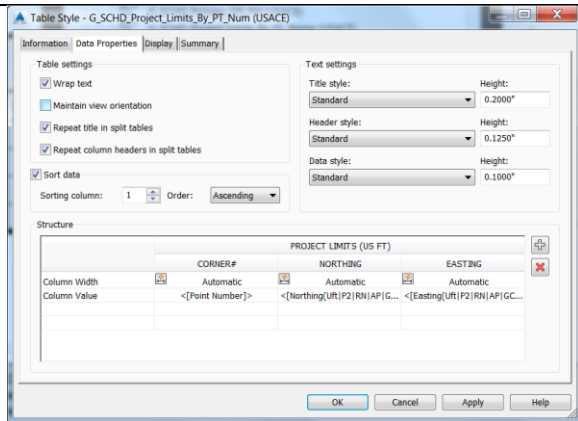
PL NAME	NORTHING	EASTING
600,482.52	1,307,222.05	
600,382.52	1,307,222.05	
600,282.52	1,307,222.05	
600,182.52	1,307,222.05	
600,082.52	1,307,222.05	
599,982.52	1,307,222.05	



Name: G_SCHD_Project_Limits_By_PT_Num (USACE)

Description: No. | Northing | Easting

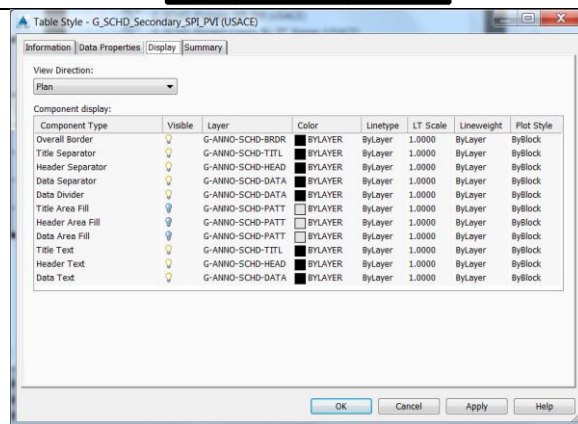
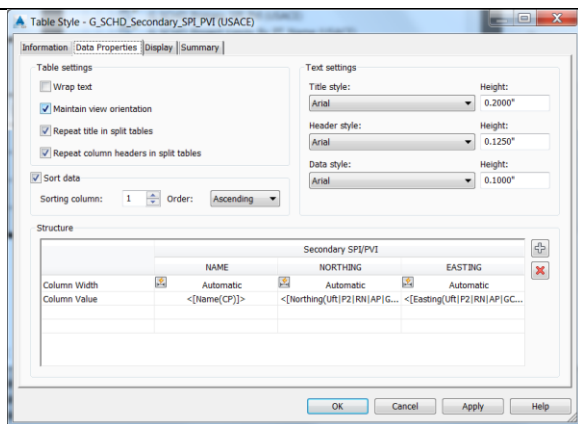
PROJECT LIMITS (US FT)		
CORNER#	NORTHING	EASTING
1	600,482.52	1,307,222.05
2	600,382.52	1,307,222.05
3	600,282.52	1,307,222.05
4	600,182.52	1,307,222.05
5	600,082.52	1,307,222.05
6	599,982.52	1,307,222.05



Name: G_SCHD_Secondary_SPI_PVI (USACE)

Description: Name | Northing | Easting

Secondary SPI/PVI		
NAME	NORTHING	EASTING
	600,482.52	1,307,222.05
	600,382.52	1,307,222.05
	600,282.52	1,307,222.05
	600,182.52	1,307,222.05
	600,082.52	1,307,222.05
	599,982.52	1,307,222.05



Name: G_SCHD_Sediment_Sample (USACE)
Description: Name | Northing | Easting

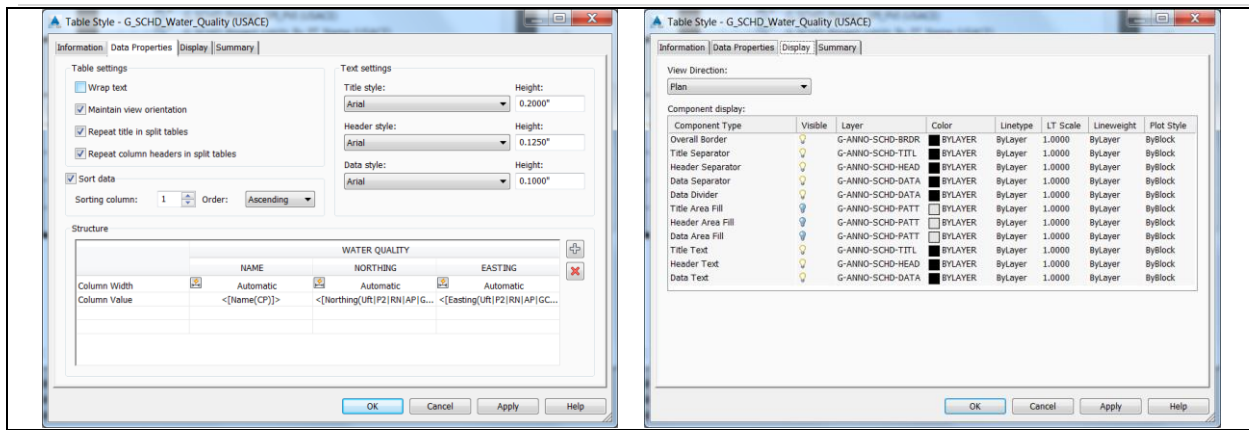
SEDIMENT SAMPLE		
NAME	NORTHING	EASTING
	600,482.52	1,307,222.05
	600,382.52	1,307,222.05
	600,282.52	1,307,222.05
	600,182.52	1,307,222.05
	600,082.52	1,307,222.05
	599,982.52	1,307,222.05

Name: G_SCHD_Survey_Control_Data (USACE)
Description: Sta | Northing | Easting | MLLW | Desc

SURVEY CONTROL DATA (US FT)				
STATION	NORTHING	EASTING	MLLW	DESCRIPTION
	600,482.52	1,307,222.05	1,010.00	AC
	600,382.52	1,307,222.05	1,010.00	AP
	600,282.52	1,307,222.05	1,010.00	APR
	600,182.52	1,307,222.05	1,010.00	ASP
	600,082.52	1,307,222.05	1,010.00	ATO
	599,982.52	1,307,222.05	1,010.00	ATP

Name: G_SCHD_Water_Quality (USACE)
Description: Name | Northing | Easting

WATER QUALITY		
NAME	NORTHING	EASTING
	600,482.52	1,307,222.05
	600,382.52	1,307,222.05
	600,282.52	1,307,222.05
	600,182.52	1,307,222.05
	600,082.52	1,307,222.05
	599,982.52	1,307,222.05



Description Keys Sets				
National Alpha Codes (USACE) – 261 codes				
Code	Format	Style	Layer	Point Label Style
AC*	TOP OF A.C. PAD	<default>	V-PADS-OTLN	<default>
AP	ABANDONED PIPE	<default>	V-SITE-STRS	<default>
APR*	APRON	<default>	V-APRN-GRND	<default>
ASP*	ASPHALT	<default>	V-ROAD-ASPH	<default>
ATO*	ASPHALT	<default>	V-ROAD-ASPH	<default>
ATP	ABUTMENT TOE	<default>	V-BRDG-DECK	<default>
BAL*	BALLAST	V_PRKG_Ballast	V-PRKG-FIXT	<default>
BBP*	BOTTOM OF BORROW PIT	<default>	V-BORW-LINE	<default>
BBT*	BOTTOM OF BENT	<default>	V-BRDG-BENT	<default>
BCR*	BRIDGE CORNER	<default>	V-BRDG-OTLN	<default>
BF	BRIDGE FENDER	<default>	V-BRDG-OTLN	<default>
BFB*	BRICK FLOWER BED	<default>	V-SITE-VEGE	<default>
BL	BASELINE	<default>	V-SURV-LINE	<default>
BLD*	BUILDING	<default>	V-SITE-OTLN	<default>
BLK*	BULKHEAD	<default>	V-SITE-STRC	<default>
BM*	BENCHMARK	V_SURV_Bench Mark [CTRL]	V-CTRL-BMRK	<default>
BNT*	BENT OF BRIDGE	<default>	V-BRDG-BENT	<default>
BOD*	BOTTOM OF DITCH	<default>	V-DTCH-BOTM	<default>
BOS*	BOTTOM OF STREAM	<default>	V-DTCH-BOTM	<default>
BOT*	BOTTOM	<default>	V-DTCH-BOTM	<default>
BRC*	BRIDGE CONCRETE	<default>	V-BRDG-OTLN	<default>
BRDG*	BRIDGE	<default>	V-BRDG-OTLN	<default>
BRF*	BRIDGE FENDER	<default>	V-BRDG-OTLN	<default>
BRK*	BREAKLINE	<default>	V-TOPO-BKLN	<default>
BRW*	BREAK WALL	<default>	V-CHAN-BWTR	<default>
BS*	BUSH	V_SITE_VEGE_Coniferous Shrub	V-SITE-VEGE	<default>
BW	BRICK WALL	<default>	V-SITE-STRC	<default>
CA	CONCRETE ASPHALT	<default>	V-ROAD-ASPH	<default>
CAP*	CONCRETE APRON	<default>	V-APRN-OTLN	<default>

CAR*	CENTERLINE OF AGGREGATE ROAD	<default>	V-ROAD-CNTR	<default>
CB	CATCH BASIN	V_STRM_Drainage - Catch Basin	V-STRM-INLT	<default>
CBC*	CABLE LINE	<default>	V-COMM-OVHD	<default>
CBK*	CONCRETE BULKHEAD	<default>	V-SITE-STRC	<default>
CBL*	CABLE	<default>	V-SITE-UTIL- UNKN-LINE	<default>
CBT*	CONCRETE BLUT TOE	<default>	V-SITE-STRC	<default>
CCL*	CENTERLINE OF CONCRETE CULVERT	<default>	V-STRM-CULV	<default>
CCP*	CENTERLINE OF CONCRETE PAD	<default>	V-PADS-CNTR	<default>
CCR*	CENTERLINE OF CONCRETE CURB	<default>	V-ROAD-CURB	<default>
CDR*	CONCRETE DRIVE	<default>	V-ROAD-CONC	<default>
CFP*	CORNER FLAG POLE BASE	<default>	V-SITE-OTLN	<default>
CG	CATTLE GUARD	<default>	V-SITE-STRC	<default>
CH	CORNER HOUSE	<default>	V-SITE-OTLN	<default>
CHW*	CENTERLINE OF HEAD WALL	<default>	V-STRM-HWAL	<default>
CLB*	CENTERLINE OF BRIDGE	<default>	V-BRDG-CNTR	<default>
CLC*	CENTER OF CONCRETE	<default>	V-SITE-STRC	<default>
CLD*	CENTER OF DITCH	<default>	V-DTCH-CNTR	<default>
CLDT	CENTERLINE DITCH	<default>	V-DTCH-CNTR	<default>
CLG*	CENTERLINE GABION	<default>	V-RRAP-GABN- CNTR	<default>
CLL*	CENTERLINE LEVEE	<default>	V-LEVE-CNTR	<default>
CLR*	CENTERLINE OF ROAD	<default>	V-ROAD-CNTR	<default>
CLRD	CENTERLINE OF ROADWAY	<default>	V-ROAD-CNTR	<default>
CLW*	CENTERLINE OF WALKWAY	<default>	V-SITE-WALK	<default>
CND*	CONDUIT	<default>	V-SITE-UTIL- UNKN-LINE	<default>
CNL*	CANAL	<default>	V-CHAN-SLOP- LINE	<default>
COH*	CONCRETE HEAD WALL	<default>	V-STRM-HWAL	<default>
CON*	CONCRETE	<default>	V-SITE-WALK	<default>
COR*	CORNER	<default>	V-SITE-OTLN	<default>
CPG*	CONCRETE PILING	<default>	V-SITE-STRC	<default>
CR	CROWN OF LEVEE	<default>	V-LEVE-CNTR	<default>
CRA*	CENTERLINE OF RAIL	<default>	V-RAIL-CNTR	<default>
CRB*	CURB	<default>	V-ROAD-CURB	<default>
CRD*	CROWN OF DIKE	<default>	V-EROS-DVDK	<default>
CRK*	CENTERLINE ROCK	<default>	V-SITE-ROCK	<default>
CRN*	CROWN	<default>	V-ROAD-CNTR	<default>
CRT*	CROSSTIE	<default>	V-SITE-STRC	<default>
CRW*	CONCRETE RETAINING WALL	<default>	V-SITE-STRC	<default>
CSP*	CONCRETE AT SWIMMING	<default>	V-SITE-OTLN	<default>

	POOL			
CTD*	CENTER OF DRAIN	<default>	V-STRM-ROOF	<default>
CTH*	CATCH BASIN	V_STRM_Drainage - Catch Basin	V-STRM-INLT	<default>
CUB*	BOTTOM OF CULVERT	<default>	V-STRM-CULV	<default>
CUL*	CULVERT	V_STRM_Culvert End Symbol	V-STRM-CULV	<default>
DKE*	DIKE	<default>	V-EROS-DVDK	<default>
DRI*	DROP INLET	V_STRM_Inlet	V-STRM-INLT	<default>
DRN*	DRAIN	V_STRM_Utility - Storm Drainage Device	V-STRM-ROOF	<default>
DRV*	DRIVE	<default>	V-SITE-OTLN	<default>
EA*	EDGE OF ASPHALT	<default>	V-ROAD-OTLN	<default>
EAR*	EDGE OF AGGREGATE ROAD	<default>	V-ROAD-OTLN	<default>
EC	EDGE CONCRETE	<default>	V-ROAD-OTLN	<default>
ECB*	EDGE CONCRETE BRIDGE	<default>	V-ROAD-OTLN	<default>
ECC*	EDGE CONCRETE CURB	<default>	V-ROAD-OTLN	<default>
ECR*	EDGE CONCRETE ROAD	<default>	V-ROAD-OTLN	<default>
ECW*	EDGE OF WALL	<default>	V-SITE-STRC	<default>
EDR*	EDGE OF DIRT ROAD	<default>	V-ROAD-OTLN	<default>
EFB*	EDGE OF FLOWER BED	<default>	V-SITE-VEGE	<default>
EGL*	EDGE OF GRASS LINE	<default>	V-SITE-VEGE	<default>
ELI*	EDGE OF LIMESTONE	<default>	V-SITE-OTLN	<default>
EMG*	EDGE OF METAL GRATING	<default>	V-STRM-INLT	<default>
EOA*	EDGE OF ASPHALT	<default>	V-ROAD-OTLN	<default>
EOB*	EDGE OF BRIDGE	<default>	V-BRDG-OTLN	<default>
EOC*	EDGE OF CULVERT	<default>	V-STRM-CULV	<default>
EOM*	EDGE OF MEDIAN	<default>	V-ROAD-OTLN	<default>
EOR*	EDGE OF RIP RAP	<default>	V-RRAP-EDGE	<default>
EP	EDGE OF PLATFORM	<default>	V-SITE-STRC	<default>
EPL*	EDGE OF PARKING LOT	<default>	V-PRKG-OTLN	<default>
ER	EDGE OF ROAD	<default>	V-ROAD-OTLN	<default>
ERF*	EDGE OF ROAD FLOOD SIDE	<default>	V-ROAD-OTLN	<default>
ERP*	EDGE OF ROAD PROTECTED SIDE	<default>	V-ROAD-OTLN	<default>
ESH*	EDGE SHELL ROAD	<default>	V-ROAD-OTLN	<default>
ESL*	EDGE OF SLAG ROAD	<default>	V-ROAD-OTLN	<default>
ESP*	EDGE SHEET PILE	<default>	V-ROAD-OTLN	<default>
ESR*	EDGE SHELL ROAD	<default>	V-ROAD-OTLN	<default>
EW	EDGE WOODS	<default>	V-SITE-VEGE	<default>
FC	FENCE CORNER	V_SITE_Fence	V-SITE-FENC	<default>
FEP*	FENCE POST	V_SITE_Fence	V-SITE-FENC	<default>
FH*	FIRE HYDRANT	V_DOMW_Hydrant - Pan	V-WATR-HYDT	<default>
FIP*	4" POST	V_SITE_Post	V-SITE-POST	<default>
FL	FENCE LINE	<default>	V-SITE-FENC	<default>
FLB*	FENCE LINE BRICK	<default>	V-SITE-FENC	<default>
FLC*	FENCE LINE CHAIN LINK	<default>	V-SITE-FENC	<default>

	FENCE			
FLD*	FLOOD WALL	<default>	V-FLOD-BASE	<default>
FLW*	FENCE LINE WOODEN	<default>	V-SITE-FENC	<default>
FP	FLY POINT	<default>	V-AERI-FLYS	<default>
FS	FLOOD SIDE LEVEE	<default>	V-LEVE-TOPB	<default>
FSC*	FLOOD SIDE CROWN	<default>	V-LEVE-CNTR	<default>
FST*	FLOOD SIDE TOE	<default>	V-FLOD-DRNS	<default>
FTG*	FOOTING	<default>	V-SITE-STRC	<default>
GAC*	GROUND AT CULVERT	<default>	V-STRM-CULV	<default>
GAP*	GROUND AT PIER	<default>	V-BRDG-PIER	<default>
GAT*	GATE	<default>	V-SITE-POST	<default>
GGE*	GAGE	<default>	V-CHAN-NAID	<default>
GL	GAS LINE	<default>	V-NGAS-PIPE	<default>
GM	GAS METER	V_NGAS_Utility - Natural Gas - Meter	V-NGAS-METR	<default>
GR	GUARD RAIL	<default>	V-ROAD-GRAL	<default>
GRN*	GROUND	<default>	V-TOPO-SPOT	<default>
GRV*	GRAVEL	<default>	V-PVMT-GRVL	<default>
GTB*	GAS TEST BOX	<default>	V-NGAS-EQPM	<default>
GUY*	GUY WIRE	V_COMM_Guy	V-COMM-POLE-GUYS	<default>
GVL*	GAS VALVE	V_NGAS_Vavle General	V-NGAS-VALT	<default>
HBK*	HIGH BANK	<default>	V-RIVR-TOPB	<default>
HED*	HEDGES	<default>	V-SITE-VEGE	<default>
HL	HEDGE LINE	<default>	V-SITE-VEGE	<default>
HSE*	HOUSE	<default>	V-SITE-STRC	<default>
HUB*	HUB	V_SURV_Iron Pin and Cap	V-SURV-DATA	<default>
HWL*	HEAD WALL	V_STRM_Headwall	V-STRM-HWAL	<default>
HYD*	FIRE HYDRANT	V_DOMW_Hydrant - Pan	V-WATR-HYDT	<default>
INV*	PIPE INVERT	<default>	V-STRM-MAIN-PIPE	<default>
IP*	IRON PIPE	V_SURV_Iron Pin and Cap	V-SURV-DATA	<default>
IR*	IRON ROD	V_SURV_Iron Pin and Cap	V-SURV-DATA	<default>
IRL*	IRON RAIL	<default>	V-SITE-STRC	<default>
LPL*	LIGHT POLE	V_POWR_Pole - Utility	V-POWR-POLE	<default>
LW*	LOW WIRE	<default>	V-PRIM-OVHD	<default>
MBX*	MAIL BOX	V_SITE_Mailbox	V-SITE-STRC	<default>
MH	MANHOLE COVER	V_SITE_Manhole - Utility Services	V-SITE-UTIL-UNKN-STRC	<default>
MON	MONUMENT	V_SURV_Bench Mark [CTRL]	V-SURV-DATA	<default>
MSH*	MARSH	V_WETL_Swamp	V-WETL-MRSH	<default>
MTR*	METER	V_WATR_Utility-Water Meter	V-WATR-METR	<default>
MTX*	METER BOX	V_WATR_Utility-Water Meter	V-WATR-METR	<default>
NG	NATURAL GROUND	<default>	V-TOPO-SPOT	<default>
NGP*	NATURAL GROUND AT PILING	<default>	V-FLOD-PILE	<default>

OH	OVERHEAD POWER LINES	<default>	V-PRIM-OVHD	<default>
PIC*	PIPE INVERT, CONCRETE	<default>	V-STRM-MAIN-PIPE	<default>
PIM*	PIPE INVERT, CMP	<default>	V-STRM-MAIN-PIPE	<default>
PIN*	PIPE INVERT	<default>	V-STRM-MAIN-PIPE	<default>
PIP*	PIPE INVERT, PLASTIC	<default>	V-STRM-MAIN-PIPE	<default>
PIR*	PIER	<default>	V-BRDG-PIER	<default>
PIS*	PIPE INVERT, STEEL	<default>	V-STRM-MAIN-PIPE	<default>
PL	PIPELINE CROSSING	<default>	V-STRM-MAIN-PIPE	<default>
PLC*	POWER LINE CROSSING	<default>	V-PRIM-OVHD	<default>
PLG*	PILING	<default>	V-FLOD-PILE	<default>
POR*	PORCH	<default>	V-SITE-STRC	<default>
PPE*	PIPE	<default>	V-STRM-MAIN-PIPE	<default>
PPL*	POWER POLE	<default>	V-POWR-POLE	<default>
PRK*	PIPE RACK	<default>	V-FIRE-PIPE	<default>
PS	PROTECTED SIDE LEVEE	<default>	V-LEVE-OTLN	<default>
PSC*	PROTECTED SIDE CROWN	<default>	V-LEVE-CNTR	<default>
PST*	PROTECTED SIDE TOE	<default>	V-LEVE-TOE~	<default>
PVC	PVC PIPE	<default>	V-STRM-MAIN-PIPE	<default>
PWC*	4" POST WITH CABLE	V_SITE_Post	V-SITE-POST	<default>
PWL*	POWERLINE	<default>	V-PRIM-OVHD	<default>
RAL*	GUARD RAIL	<default>	V-ROAD-GRAL	<default>
RCK*	ROCK	<default>	V-SITE-ROCK	<default>
RCP*	INV. RCP	<default>	C-STRM-MAIN-PIPE	<default>
RD	ROAD	<default>	V-ROAD-OTLN	<default>
RDM*	RED DAY MARKER	<default>	V-BCNS-MISC	<default>
RMP*	RAMP	<default>	V-SITE-STRS	<default>
ROW*	RIGHT OF WAY	<default>	V-PROP-RWAY	<default>
RP	RIP RAP	<default>	V-RRAP-EDGE	<default>
RR	RAILROAD	<default>	V-RAIL-EQPM	<default>
RRP	RAILROAD POST	<default>	V-RAIL-EQPM	<default>
SCO*	SEWER CLEAR OUT	<default>	V-SSWR-FTTG	<default>
SGN*	SIGN	V_SITE_Sign	V-SITE-SIGN	<default>
SGP*	SIGN POST	V_SITE_Sign	V-SITE-SIGN	<default>
SHD*	SHOULDER	<default>	V-ROAD-SHLD	<default>
SHL*	SHELL	<default>	V-SITE-STRC	<default>
SHM	SEWER MH	V_SSWR_Utility - Sanitary Manhole	V-SSWR-JBOX	<default>
SLP*	SLOPE SHOT	<default>	V-TOPO-SLOP-TOPT	<default>
SND*	SOUNDINGS	<default>	V-TOPO-SOUN	<default>

SNG*	SOUNDINGS	<default>	V-TOPO-SOUN	<default>
SOC*	SLOPE ON CONCRETE	<default>	V-SITE-OTLN	<default>
SP	SHEET PILING	<default>	V-FLOD-PILE	<default>
SPT*	TOE OF SHEET PILING	<default>	V-FLOD-TOE~	<default>
SPV*	SLOPE PAVING	<default>	V-SITE-OTLN	<default>
SRR*	SLOPE ON RIP RAP	<default>	V-RRAP-EDGE	<default>
STMH	STORM MH	V_STRM_Utility - Storm Drainage Manhole	V-STRM-MHOL	<default>
STP*	STEPS	<default>	V-SITE-STRS	<default>
SW*	SIDEWALK	<default>	V-SITE-WALK	<default>
SWK*	SIDEWALK	<default>	V-SITE-WALK	<default>
TB	TOE OF OLD RR BED	<default>	V-RAIL-TRAK	<default>
TBK*	TOP OF BANK	<default>	V-TOPO-SLOP- TOPT	<default>
TBL*	TOE OF BALLAST	<default>	V-PRKG-FIXT	<default>
TBP*	TOP OF BORROW PIT	<default>	V-ECCO-BURR	<default>
TBR*	TOE OF BERM	<default>	V-LEVE-BERM	<default>
TBS*	TOP OF BALLAST	<default>	V-PRKG-FIXT	<default>
TC*	TOP CONCRETE	<default>	V-SITE-STRC	<default>
TCB*	TOP CONCRETE BANK	<default>	V-SITE-STRC	<default>
TCR*	TOE CURB	<default>	V-ROAD-CURB	<default>
TCS*	TOP OF CONCRETE PAVEMENT (ON SLOPE)	<default>	V-ROAD-CONC	<default>
TCW*	TOP OF CONCRETE WALL	<default>	V-SITE-STRC	<default>
TEC*	TOP ON EDGE OF CONCRETE WALL	<default>	V-SITE-STRC	<default>
TED*	TOP EDGE OF DITCH	<default>	V-DTCH-TOP~	<default>
TEL*	TELEPHONE LINE	<default>	V-COMM-OVHD	<default>
TEP*	TELEPHONE PEDESTAL	V_COMM_Pedestal - Communications	V-COMM-EQPM	<default>
TIP*	3" POST	V_SITE_Post	V-SITE-POST	<default>
TNK*	TANK	V_SITE_Tank - Above Ground	V-SITE-STRC	<default>
TOB*	TOE OF BORROW PIT	<default>	V-BORW-LINE	<default>
TOC*	TOE OF CONCRETE WALL	<default>	V-SITE-STRC	<default>
TOD*	TOE OF DITCH	<default>	V-DTCH-BOTM	<default>
TOE*	TOE ON NATURAL GROUND	<default>	V-TOPO-SLOP- TOPT	<default>
TOL*	TOP OF LEVEE	<default>	V-LEVE-TOPB	<default>
TOP*	TOP ON NATURAL GROUND	<default>	V-TOPO-SPOT	<default>
TOR*	TOE ROCK	<default>	V-SITE-ROCK	<default>
TOW*	TOP OF WALL	<default>	V-SITE-STRC	<default>
TP	TOP OF OLD RR BED	<default>	V-RAIL-TRAK	<default>
TPB*	TOP OF BERM	<default>	V-TOPO-SLOP- TOPT	<default>
TPC*	TOP CURB	<default>	V-ROAD-CURB	<default>
TPL*	TELEPHONE POLE	<default>	V-COMM-POLE	<default>

TPR*	TOP ROCK	<default>	V-TOPO-SPOT	<default>
TPT*	TOP SETTLEMENT PLATE	<default>	V-SITE-STRC	<default>
TPW*	TOP OF CONCRETE WING WALL	<default>	V-STRM-HWAL	<default>
TR*	TREE \$1 \$2 \$3 \$4 \$5 \$6	V_SITE_VEGE_Generic Tree	V-SITE-VEGE	<default>
TRA*	TOE OF GUARD RAIL	<default>	V-ROAD-GRAL	<default>
TRK*	RR TRACK	<default>	V-RAIL-TRAK	<default>
TRL*	TREE LINE	<default>	V-SITE-VEGE	<default>
TRN*	TRANSFORMER	V_POWR_Transformer - Pad Mounted	V-POWR-XFMR-PADM	<default>
TRW*	TOE OF CONCRETE RETAINING WALL	<default>	V-SITE-STRC	<default>
TSP*	TOP OF THE SHEET PILING	<default>	V-FLOD-PILE	<default>
TWB*	TOP WOOD BANK	<default>	V-SITE-VEGE	<default>
TWR*	TOWER	V_SITE_Tower	V-SITE-STRC	<default>
TWW*	TOE OF CONCRETE WING WALL	<default>	V-STRM-CULV	<default>
UBX*	UTILITY BOX	V_SITE_Utility Unkown	V-SITE-UTIL-UNKN-STRC	<default>
UGT*	UNDERGROUND TELEPHONE LINE	<default>	V-COMM-UGND	<default>
UTL*	UTILITIES	<default>	V-SITE-UTIL-UNKN-LINE	<default>
VAL*	VALVE	V_SITE_Valve - General	V-SITE-UTIL-UNKN-STRC	<default>
WBK*	WOOD BULKHEAD	<default>	V-SITE-VEGE	<default>
WBT*	WOOD BANK TOE	<default>	V-SITE-VEGE	<default>
WDP*	WOOD PILING	<default>	V-SITE-VEGE	<default>
WE	WATER EDGE	<default>	V-SITE-WATR	<default>
WES*	WATER EDGE SURFACE	V_SITE_Water Level	V-SITE-WATR	<default>
WF	WATER FAUCET	<default>	V-WATR-DEVC	<default>
WFL*	WOOD FENCE LINE	<default>	V-SITE-FENC	<default>
WL	WOODLINE	<default>	V-SITE-VEGE	<default>
WLK*	WALKWAY	<default>	V-SITE-WALK	<default>
WLN*	WATER LINE	<default>	V-WATR-MAIN-PIPE	<default>
WM	WATER MAIN - METER	V_WATR_Utility-Water Meter	V-WATR-METR	<default>
WMA*	WATER MAIN HOLE	V_WATR_Utility-Water Handhole	V-WATR-DEVC	<default>
WRW*	WOODEN RETAINING WALL	<default>	V-SITE-VEGE	<default>
WS	WATER SURFACE	<default>	V-SITE-WATR	<default>
WSB*	WISTERA BUSH	V_SITE_VEGE_Coniferous Shrub	V-SITE-VEGE	<default>
WV	WATER VALVE	V_WATR_Valve General	V-WATR-VALT	<default>
WW	WING WALL	<default>	V-SITE-STRC	<default>
XBR*	BRIDGE CROSS BR	<default>	V-BRDG-OTLN	<default>

1.3 Point Groups

POINT GROUPS (4)

Name: *_All Points*

Description:

*Core Pont Group, will list ALL points in drawing
Can NOT be Deleted*

Name: *Points to Triangulate*

Description: *To be used for EG Surface*

*By default will list ALL points in drawing, users to
include and exclude points as necessary.*

Name: *No Show*

Description: *Includes ALL Points*

Set Both to styles <NONE> - NO Overrides

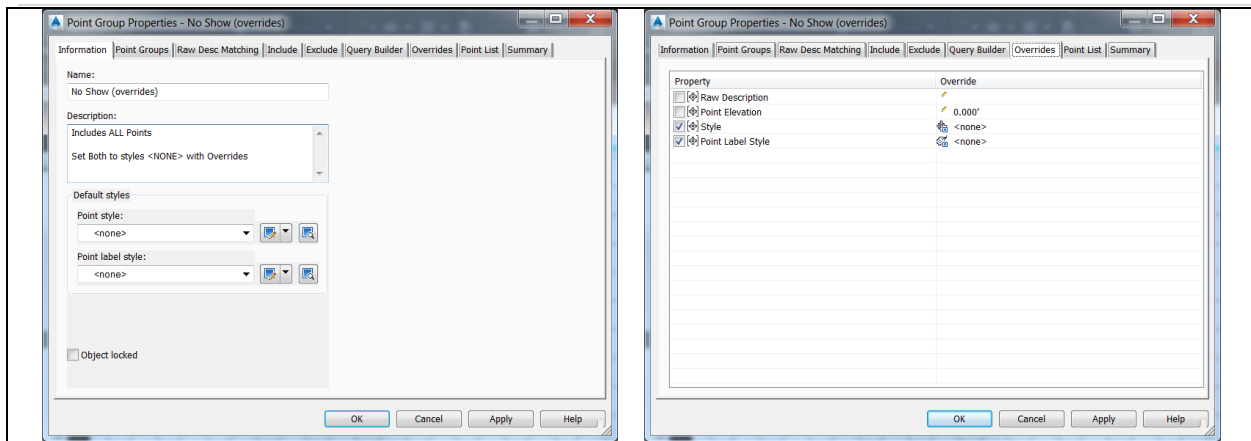
*To include ALL points in drawing.
Points will be shown as processes by Description
Key or hierarchy of Point Groups (NO overrides)*

Name: *No Show (overrides)*

Description: *Includes ALL Points*

Set Both to styles <NONE> with Overrides

*To include ALL points in drawing.
Facilitates a quick method to turn of ALL points.
Will ignore styles assigned manually or via
Description Key. (WITH overrides).*



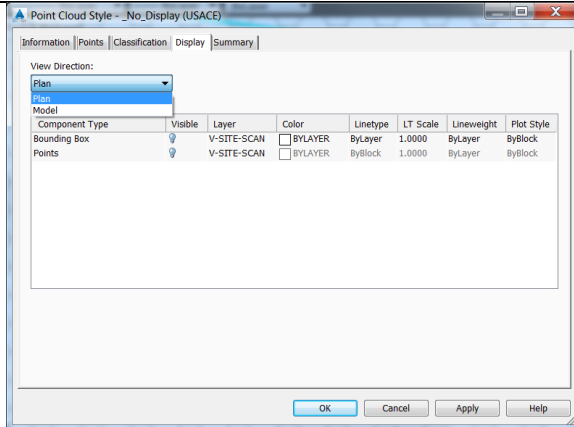
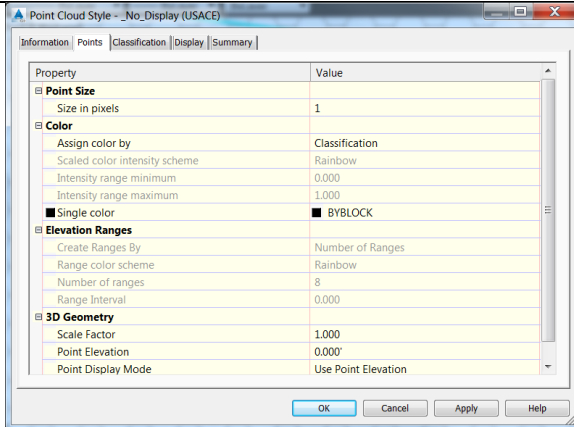
**** Found in theTOOLSPACE's Prospector Tab****

1.4 Point Clouds

POINT CLOUD Object Styles (4)

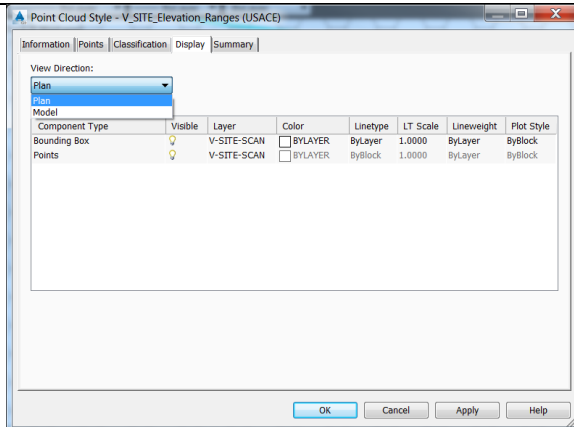
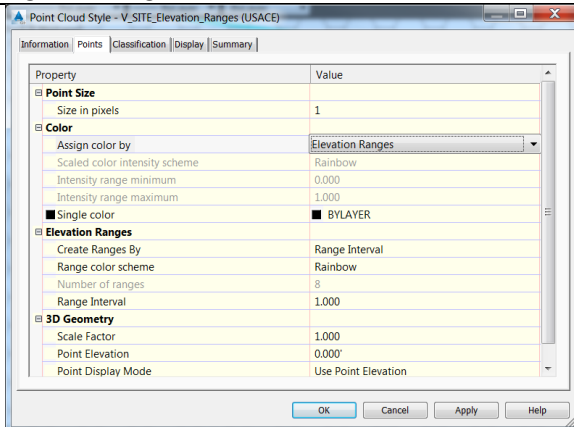
Name: *_No_Display (USACE)*

Description: *ALL Components OFF*



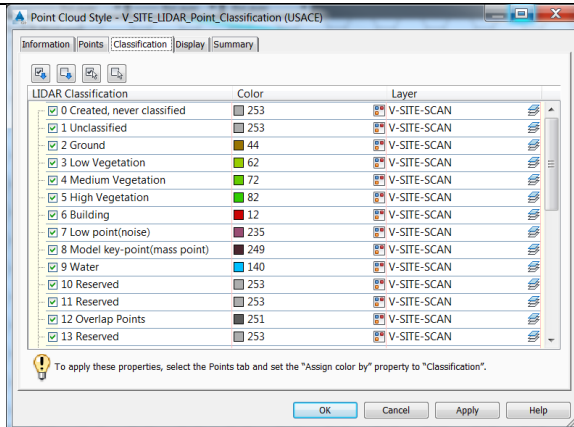
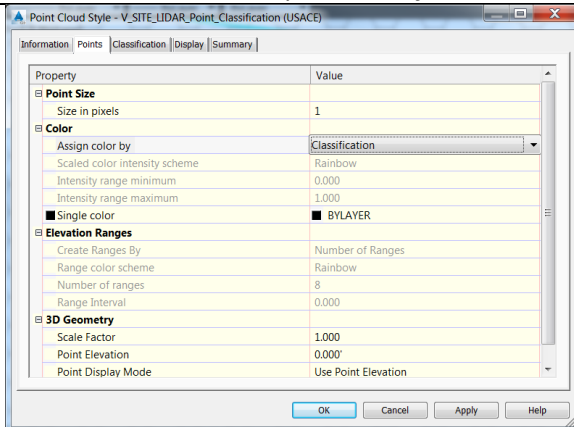
Name: *V_SITE_Elevation_Ranges (USACE)*

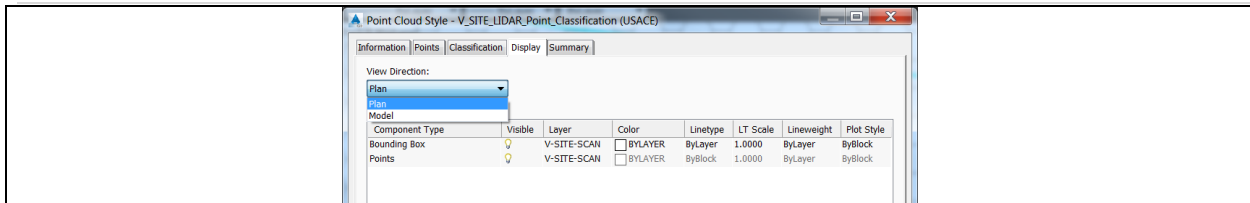
Description: *This style displays the point cloud points in elevation ranges, at a specified number of ranges or range interval and a color scheme.*



Name: *V_SITE_LIDAR_Point_Classification (USACE)*

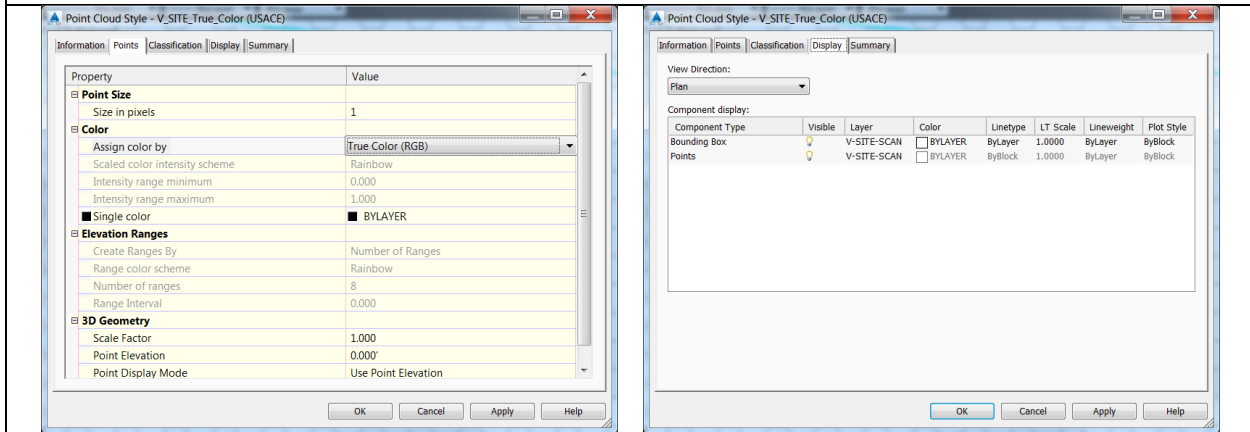
Description: *This style displays point cloud points by LIDAR point classification if the point cloud database contains LIDAR point classification data.*





Name: V_SITE_True_Color (USACE)

Description: This style displays point cloud points in true color if the point cloud database contains RGB data.



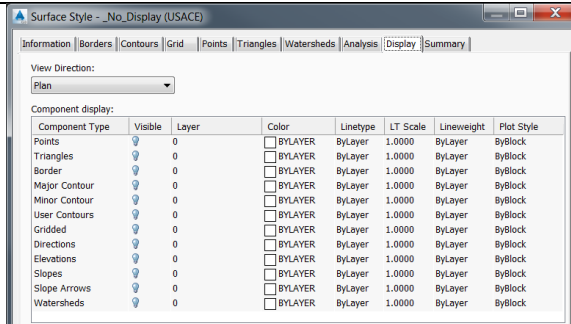
1.5 Surface

SURFACE

Object Styles (6)

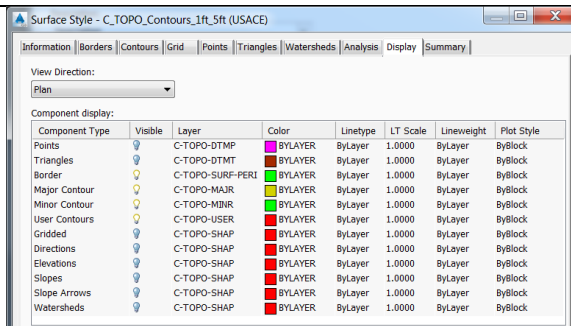
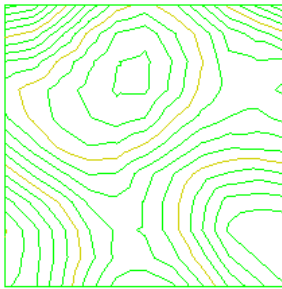
Name: *_No_Display (USACE)*

Description: *ALL Components Turned OFF in ALL Views*



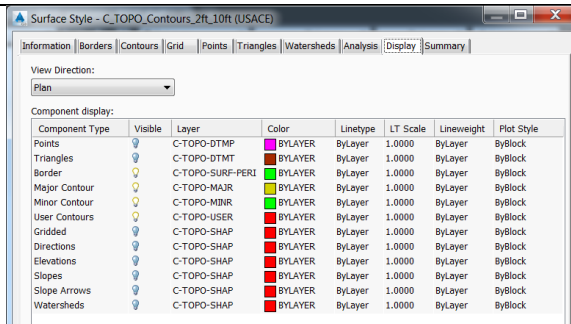
Name: *C_TOPO_Contours_1ft_5ft (USACE)*

Description: *Proposed Contours 1 & 5 and User Contour*



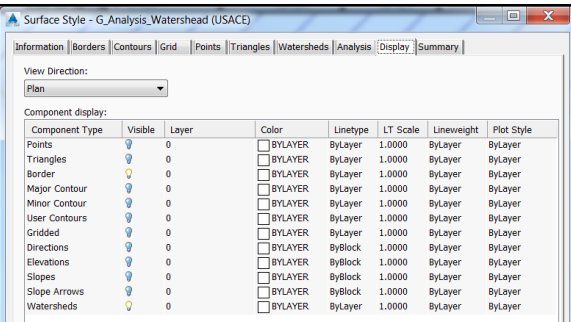
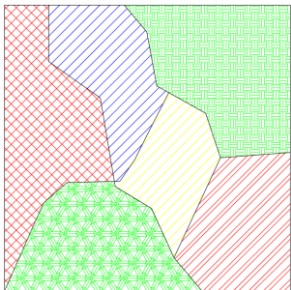
Name: *C_TOPO_Contours_2ft_10ft (USACE)*

Description: *Proposed Contours 2 & 10 and User Contour*



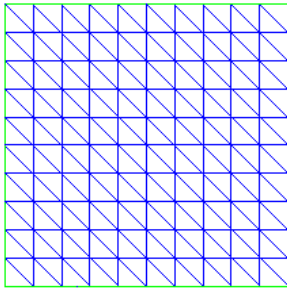
Name: *G_Analysis_Elevation (USACE)*

Description: *Elevation Banding - NO Layers*



Name: *G_Review_TIN_Blue (USACE)*

Description: *TIN Lines and Border hardcoded to BLUE - NO LAYERS*



Surface Style - G_Review_TIN_Blue (USACE)

Information | Borders | Contours | Grid | Points | Triangles | Watersheds | Analysis | Display | Summary

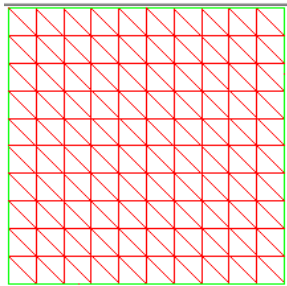
View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Points	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Triangles	<input checked="" type="checkbox"/>	0	blue	ByLayer	1.0000	ByLayer	ByBlock
Border	<input checked="" type="checkbox"/>	0	green	ByLayer	1.0000	ByLayer	ByBlock
Major Contour	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Minor Contour	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
User Contours	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Gridded	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Directions	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Elevations	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slopes	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slope Arrows	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Watersheds	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock

Name: G_Review_TIN_Red (USACE)

Description: TIN Lines and Border hardcoded to RED - NO LAYERS



Surface Style - G_Review_TIN_Red (USACE)

Information | Borders | Contours | Grid | Points | Triangles | Watersheds | Analysis | Display | Summary

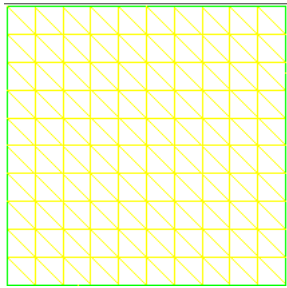
View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Points	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Triangles	<input checked="" type="checkbox"/>	0	red	ByLayer	1.0000	ByLayer	ByBlock
Border	<input checked="" type="checkbox"/>	0	green	ByLayer	1.0000	ByLayer	ByBlock
Major Contour	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Minor Contour	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
User Contours	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Gridded	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Directions	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Elevations	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slopes	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slope Arrows	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Watersheds	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock

Name: G_Review_TIN_Yellow (USACE)

Description: TIN Lines and Border hardcoded to YELLOW - NO LAYERS



Surface Style - G_Review_TIN_Yellow (USACE)

Information | Borders | Contours | Grid | Points | Triangles | Watersheds | Analysis | Display | Summary

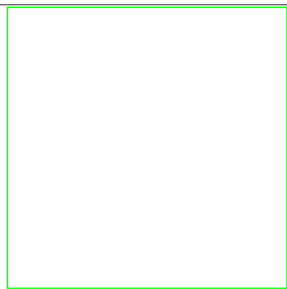
View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Points	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Triangles	<input checked="" type="checkbox"/>	0	yellow	ByLayer	1.0000	ByLayer	ByBlock
Border	<input checked="" type="checkbox"/>	0	green	ByLayer	1.0000	ByLayer	ByBlock
Major Contour	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Minor Contour	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
User Contours	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Gridded	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Directions	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Elevations	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slopes	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slope Arrows	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Watersheds	<input type="checkbox"/>	0	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock

Name: G_TOPO_Border_Only (USACE)

Description: Border Only using Existing Layers



Surface Style - G_TOPO_Border_Only (USACE)

Information | Borders | Contours | Grid | Points | Triangles | Watersheds | Analysis | Display | Summary

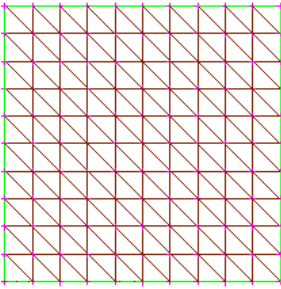
View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Points	<input type="checkbox"/>	V-TOPO-DTMT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Triangles	<input type="checkbox"/>	V-TOPO-DTMT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Border	<input checked="" type="checkbox"/>	V-TOPO-PERI	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Major Contour	<input type="checkbox"/>	V-TOPO-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Minor Contour	<input type="checkbox"/>	V-TOPO-MINR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
User Contours	<input type="checkbox"/>	V-TOPO-USER	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Gridded	<input type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Directions	<input type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Elevations	<input type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slopes	<input type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slope Arrows	<input type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Watersheds	<input type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock

Name: G_TOPO_Surface_Edits (USACE)

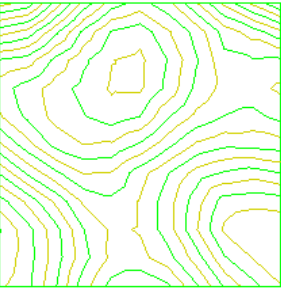
Description: Border, Points and Triangles using Existing Layers



Surface Style - G.TOPO_Surface.Edits (USACE)							
Information Borders Contours Grid Points Triangles Watersheds Analysis Display Summary							
View Direction: Plan							
Component display:							
Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Points	<input checked="" type="checkbox"/>	V-TOPO-DTMP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Triangles	<input checked="" type="checkbox"/>	V-TOPO-DTMT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Border	<input checked="" type="checkbox"/>	V-TOPO-PERI	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Major Contour	<input checked="" type="checkbox"/>	V-TOPO-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Minor Contour	<input checked="" type="checkbox"/>	V-TOPO-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
User Contours	<input checked="" type="checkbox"/>	V-TOPO-USER	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Gridded	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Directions	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Elevations	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slopes	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slope Arrows	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Watersheds	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock

Name: V_HYDS_Contours_1ft_2ft (USACE)

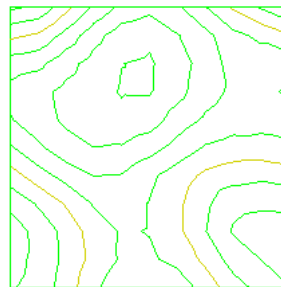
Description: HYDS Contours 1 & 2 and User Contour



Surface Style - V.HYDS.Contours.1ft.2ft (USACE)							
Information Borders Contours Grid Points Triangles Watersheds Analysis Display Summary							
View Direction: Plan							
Component display:							
Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Points	<input checked="" type="checkbox"/>	V-HYDS-DTMP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Triangles	<input checked="" type="checkbox"/>	V-HYDS-DTMT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Border	<input checked="" type="checkbox"/>	V-HYDS-PERI	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Major Contour	<input checked="" type="checkbox"/>	V-HYDS-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Minor Contour	<input checked="" type="checkbox"/>	V-HYDS-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
User Contours	<input checked="" type="checkbox"/>	V-HYDS-USER	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Gridded	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Directions	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Elevations	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slopes	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slope Arrows	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Watersheds	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock

Name: V_HYDS_Contours_2ft_10ft (USACE)

Description: V_HYDS_Contours_2ft_10ft (USACE)



Surface Style - V.HYDS.Contours.2ft.10ft (USACE)							
Information Borders Contours Grid Points Triangles Watersheds Analysis Display Summary							
View Direction: Plan							
Component display:							
Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Points	<input checked="" type="checkbox"/>	V-HYDS-DTMP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Triangles	<input checked="" type="checkbox"/>	V-HYDS-DTMT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Border	<input checked="" type="checkbox"/>	V-HYDS-PERI	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Major Contour	<input checked="" type="checkbox"/>	V-HYDS-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Minor Contour	<input checked="" type="checkbox"/>	V-HYDS-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
User Contours	<input checked="" type="checkbox"/>	V-HYDS-USER	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Gridded	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Directions	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Elevations	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slopes	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slope Arrows	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Watersheds	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock

Name: V_HYDS_Contours_2ft_10ft_with_MLLW (USACE)

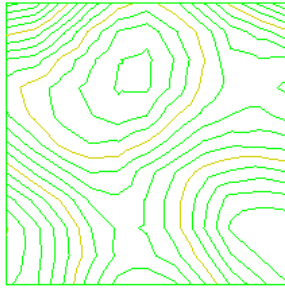
Description: HYDS Contours 2 & 10 with user Contour as MLLW



Surface Style - V.HYDS.Contours.2ft.10ft.with.MLLW (USACE)							
Information Borders Contours Grid Points Triangles Watersheds Analysis Display Summary							
View Direction: Plan							
Component display:							
Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Points	<input checked="" type="checkbox"/>	V-HYDS-DTMP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Triangles	<input checked="" type="checkbox"/>	V-HYDS-DTMT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Border	<input checked="" type="checkbox"/>	V-HYDS-PERI	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Major Contour	<input checked="" type="checkbox"/>	V-HYDS-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Minor Contour	<input checked="" type="checkbox"/>	V-HYDS-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
User Contours	<input checked="" type="checkbox"/>	V-HYDS-USER-MLLW	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Gridded	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Directions	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Elevations	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slopes	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slope Arrows	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Watersheds	<input checked="" type="checkbox"/>	V-HYDS-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock

Name: V_TOPO_Contours_1ft_5ft (USACE)

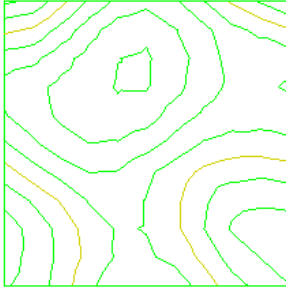
Description: Existing Contours 1 & 5 and User Contour



Surface Style - V_TOPO_Contours_1ft_5ft (USACE)							
Information Borders Contours Grid Points Triangles Watersheds Analysis Display Summary							
View Direction: Plan							
Component display:							
Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Points	<input checked="" type="checkbox"/>	V-TOPO-DTMT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Triangles	<input checked="" type="checkbox"/>	V-TOPO-DTMT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Border	<input checked="" type="checkbox"/>	V-TOPO-PERI	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Major Contour	<input checked="" type="checkbox"/>	V-TOPO-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Minor Contour	<input checked="" type="checkbox"/>	V-TOPO-MINR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
User Contours	<input checked="" type="checkbox"/>	V-TOPO-USER	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Gridded	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Directions	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Elevations	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slopes	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slope Arrows	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Watersheds	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock

Name: V_TOPO_Contours_2ft_10ft (USACE)

Description: Existing Contours 2 & 10 and User Contour



Surface Style - V_TOPO_Contours_2ft_10ft (USACE)							
Information Borders Contours Grid Points Triangles Watersheds Analysis Display Summary							
View Direction: Plan							
Component display:							
Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Points	<input checked="" type="checkbox"/>	V-TOPO-DTMT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Triangles	<input checked="" type="checkbox"/>	V-TOPO-DTMT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Border	<input checked="" type="checkbox"/>	V-TOPO-PERI	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Major Contour	<input checked="" type="checkbox"/>	V-TOPO-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Minor Contour	<input checked="" type="checkbox"/>	V-TOPO-MINR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
User Contours	<input checked="" type="checkbox"/>	V-TOPO-USER	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Gridded	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Directions	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Elevations	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slopes	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Slope Arrows	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Watersheds	<input checked="" type="checkbox"/>	V-TOPO-SHAP	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock

Surface LABEL Styles

Contour (9)

Name: C_TOPO_Major (USACE)

Description: Proposed Major Contour Label

170

Label Style Composer - C_TOPO_Major (USACE)	
Information General Layout Dragged State Summary	
Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-TOPO-MAJR-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_TOPO_Major (USACE)	
Information General Layout Dragged State Summary	
Component name: Surface Elevation	
Property	Value
General	
Name	Surface Elevation
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	<[Surface Elevation...]
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Middle center
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Type	Rectangular

Name: C_TOPO_Minor (USACE)

Description: Proposed Minor Contour Label

169

Label Style Composer - C_TOPO_Minor (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-TOPO-MINR-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_TOPO_Minor (USACE)

Information | General | Layout | Dragged State | Summary

Component name: Surface Elevation

Property	Value
General	
Name	Surface Elevation
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	<{Surface Elevation...}
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Middle center
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Type	Rectangular

Name: C_TOPO_User (USACE)

Description: Proposed USER Contour Label

169

Label Style Composer - C_TOPO_User (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-TOPO-USER-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_TOPO_User (USACE)

Information | General | Layout | Dragged State | Summary

Component name: Surface Elevation

Property	Value
General	
Name	Surface Elevation
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	<{Surface Elevation...}
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Middle center
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Type	Rectangular

Name: V_HYDS_Major (USACE)

Description: HYDS Major Contour Label

170

Label Style Composer - V_HYDS_Major (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	V-HYDS-MAJR-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - V_HYDS_Major (USACE)

Information | General | Layout | Dragged State | Summary

Component name: Surface Elevation

Property	Value
General	
Name	Surface Elevation
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	<{Surface Elevation...}
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Middle center
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Type	Rectangular

Name: V_HYDS_Minor (USACE)

Description: HYDS Minor Contour Label

169

Label Style Composer - V_HYDS_Minor (USACE)

Information General Layout Dragged State Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	V-HYDS-MINR-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - V_HYDS_Minor (USACE)

Information General Layout Dragged State Summary

Component name: Surface Elevation

Property	Value
General	
Name	Surface Elevation
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	<[Surface Elevation...
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Middle center
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Type	Rectangular

Name: V_HYDS_MLLW (USACE)

Description: HYDS MLLW Contour Label - Set to 2 Decimal Places (.xx)

168.75

Label Style Composer - V_HYDS_MLLW (USACE)

Information General Layout Dragged State Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	V-HYDS-MLLW-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - V_HYDS_MLLW (USACE)

Information General Layout Dragged State Summary

Component name: Surface Elevation

Property	Value
General	
Name	Surface Elevation
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	<[Surface Elevation...
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Middle center
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Type	Rectangular

Name: V_TOPO_Major (USACE)

Description: Existing Major Contour Label

170

Label Style Composer - V_TOPO_Major (USACE)

Information General Layout Dragged State Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	V-TOPO-MAJR-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - V_TOPO_Major (USACE)

Information General Layout Dragged State Summary

Component name: Surface Elevation

Property	Value
General	
Name	Surface Elevation
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	<[Surface Elevation...
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Middle center
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Type	Rectangular

Name: V_TOPO_Minor (USACE)

Description: Existing Minor Contour Label

169

Label Style Composer - V_TOPO_Minor (USACE)

Information General Layout Dragged State Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	V-TOPO-MINR-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - V_TOPO_Minor (USACE)

Information General Layout Dragged State Summary

Component name: Surface Elevation

Property	Value
General	
Name	Surface Elevation
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	<[Surface Elevation...]
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Middle center
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Type	Rectangular

Name: V_TOPO_User (USACE)
Description: Existing User Contour Label (.01)

169

Label Style Composer - V_TOPO_User (USACE)

Information General Layout Dragged State Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	V-TOPO-USER-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - V_TOPO_User (USACE)

Information General Layout Dragged State Summary

Component name: Surface Elevation

Property	Value
General	
Name	Surface Elevation
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	<[Surface Elevation...]
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Middle center
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Type	Rectangular

Surface SLOPE Label Styles (4)

Name: C_TOPO_Grade (USACE)
Description: Proposed Grade %

-1.27%

Label Style Composer - C_TOPO_Grade (USACE)

Information General Layout Dragged State Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-TOPO-SLOP-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	Top
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_TOPO_Grade (USACE)

Information General Layout Dragged State Summary

Component name: Direction Arrow

Property	Value
General	
Name	Direction Arrow
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Direction Arrow	
Arrow Head Style	Closed filled
Arrow Head Size	0.1000"
Rotation Angle	000.0000 (d)
Fixed Length	False
Minimum length	0.7500"
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Linetype	ByBlock
Lineweight	ByLayer

Name: C_TOPO_Slope (USACE)
Description: Proposed Slope X:1

-79.02:1 ➔

Label Style Composer - C_TOPO_Slope (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-TOPO-SLOP-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	Top
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_TOPO_Slope (USACE)

Information | General | Layout | Dragged State | Summary

Component name:

Direction Arrow

Direction Arrow

Surface Slope

Value
General
Name
Visibility
Anchor Component
Anchor Point
Direction Arrow
Arrow Head Style
Arrow Head Size
Rotation Angle
Fixed Length
Minimum length
X Offset
Y Offset
Color
Linetype
Lineweight

Name: V_TOPO_Grade (USACE)
Description: Existing Grade %

-1.27% ➔

Label Style Composer - V_TOPO_Grade (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	V-TOPO-SLOP-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	Top
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - V_TOPO_Grade (USACE)

Information | General | Layout | Dragged State | Summary

Component name:

Direction Arrow

Direction Arrow

Surface Slope

Value
General
Name
Visibility
Anchor Component
Anchor Point
Direction Arrow
Arrow Head Style
Arrow Head Size
Rotation Angle
Fixed Length
Minimum length
X Offset
Y Offset
Color
Linetype
Lineweight

Name: V_TOPO_Slope (USACE)
Description: Existing Slope X:1

-79.02:1 ➔

Label Style Composer - V_TOPO_Slope (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	V-TOPO-SLOP-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	Top
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - V_TOPO_Slope (USACE)

Information | General | Layout | Dragged State | Summary

Component name:

Direction Arrow

Direction Arrow

Surface Slope

Value
General
Name
Visibility
Anchor Component
Anchor Point
Direction Arrow
Arrow Head Style
Arrow Head Size
Rotation Angle
Fixed Length
Minimum length
X Offset
Y Offset
Color
Linetype
Lineweight

Surface SPOT Elevation Label Styles (2)

Name: C_TOPO_Spot_Elev (USACE)
Description: Proposed Spot Elevation

187.57
 +187.38

As shown with matching C_TOPO_Spot (USACE) marker style

Label Style Composer - C_TOPO_Spot_Elev (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-TOPO-SPOT-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_TOPO_Spot_Elev (USACE)

Information | General | Layout | Dragged State | Summary

Component name: Surface Elevation

Property	Value
General	
Name	Surface Elevation
Visibility	True
Anchor Component	<Feature>
Anchor Point	Middle Right
Text	
Contents	<[Surface Elevation...]
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Middle left
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Type	Rectangular

Name: V_TOPO_Spot_Elev (USACE)
Description: Existing Spot Elevation

187.57
 +187.38

As shown with matching V_TOPO_Spot (USACE) marker style

Label Style Composer - V_TOPO_Spot_Elev (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	V-TOPO-SPOT-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - V_TOPO_Spot_Elev (USACE)

Information | General | Layout | Dragged State | Summary

Component name: Surface Elevation

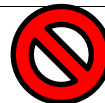
Property	Value
General	
Name	Surface Elevation
Visibility	True
Anchor Component	<Feature>
Anchor Point	Middle Right
Text	
Contents	<[Surface Elevation...]
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Middle left
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Type	Rectangular

Surface WATERSHED Labels Styles (3)

Name: C_WATR_Watershed (USACE)
Description: Proposed - ID # Type Area (SF)

ID=21
 Type=Depression
 Area=70921.26 SF

Name: G_TOPO_No Label (USACE)
Description: No Label – No Layers



Name: V_WATR_Watershed (USACE)
Description: Existing - ID # Type Area (SF)

ID=21
Type=Depression
Area=70921.26 SF

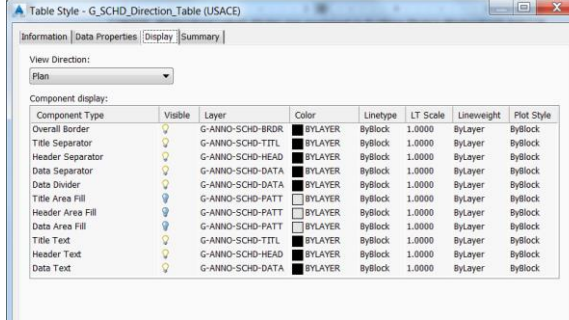
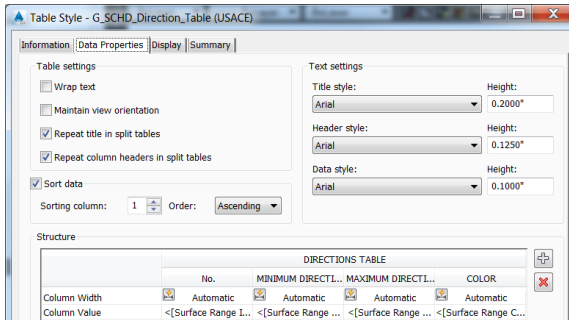
****NOTE: Watershed Labels Styles are assigned in Surface Style's Watersheds tab****

Surface TABLE Styles

Direction (1)

Name: G_SCHD_Direction_Table (USACE)
Description: No. | Min Dir | Max Dir | Color

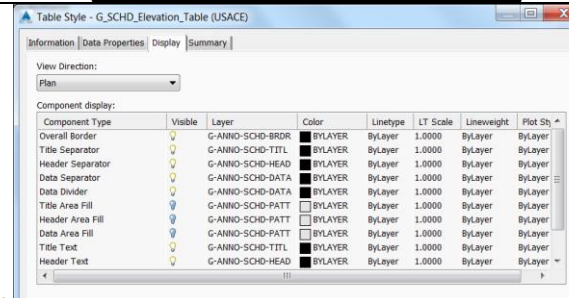
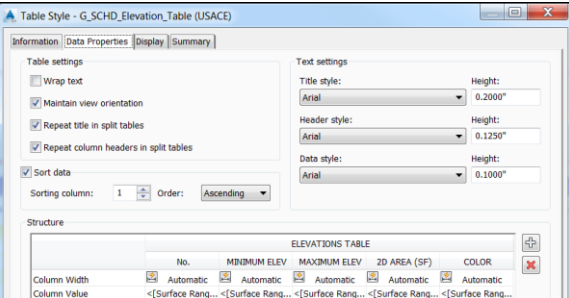
DIRECTIONS TABLE			
No.	MINIMUM DIRECTION	MAXIMUM DIRECTION	COLOR
1	N00° 00' 00.00"E	S68° 07' 33.32"E	Red
2	S68° 07' 33.32"E	S48° 41' 43.50"W	Green
3	S48° 41' 43.50"W	N00° 00' 17.18"W	Blue



Elevation (1)

Name: G_SCHD_Elevation_Table (USACE)
Description: No. | Min | Max | Area | Color

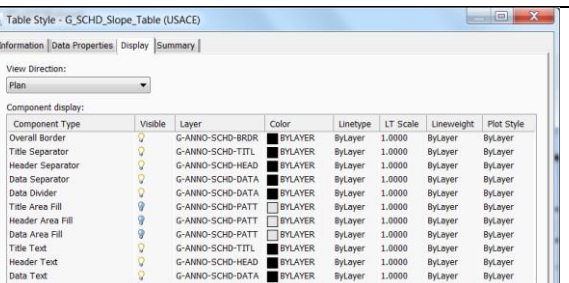
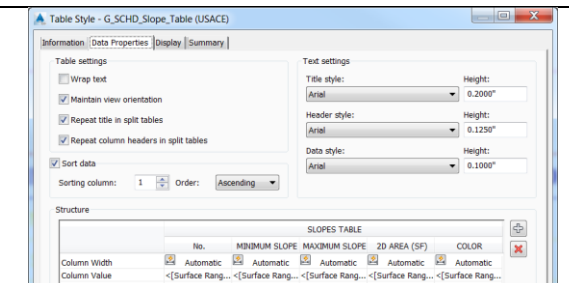
ELEVATIONS TABLE				
No.	MINIMUM ELEV	MAXIMUM ELEV	2D AREA (SF)	COLOR
1	182.94	190.80	148,982.72	Red
2	190.80	192.51	201,762.17	Green
3	192.51	196.23	129,349.71	Blue



Slope (1)

Name: G_SCHD_Slope_Table (USACE)
Description: No. | Min | Max | Area | Color

SLOPES TABLE				
No.	MINIMUM SLOPE	MAXIMUM SLOPE	2D AREA (SF)	COLOR
1	0.00%	3.11%	296,039.23	Red
2	3.11%	12.06%	136,462.89	Green
3	12.06%	5053.83%	47,592.47	Blue



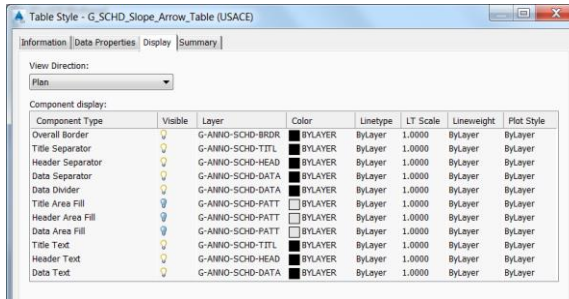
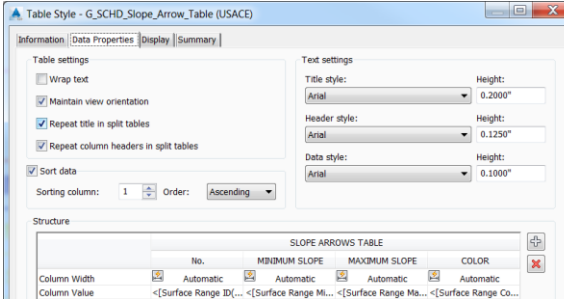
Slope Arrow (1)

Name: G_SCHD_Slope_Arrow_Table (USACE)

Description: No. | Min | Max | Color

SLOPE ARROWS TABLE

No.	MINIMUM SLOPE	MAXIMUM SLOPE	COLOR
1	0.00%	3.11%	Red
2	3.11%	12.06%	Green
3	12.06%	5053.83%	Blue



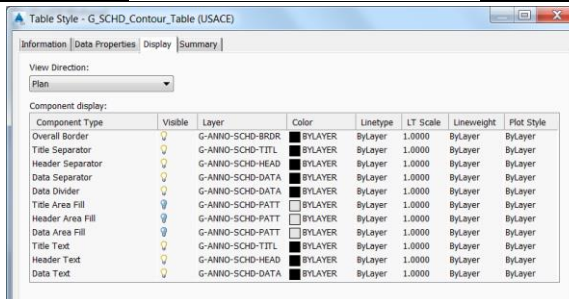
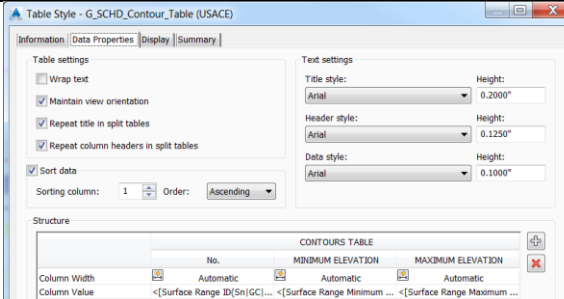
Contour (1)

Name: G_SCHD_Contour_Table (USACE)

Description: No. | Min Elev | Max Elev

CONTOURS TABLE

No.	MINIMUM ELEVATION	MAXIMUM ELEVATION
1	182.940	190.800
2	190.800	192.510
3	192.510	196.230



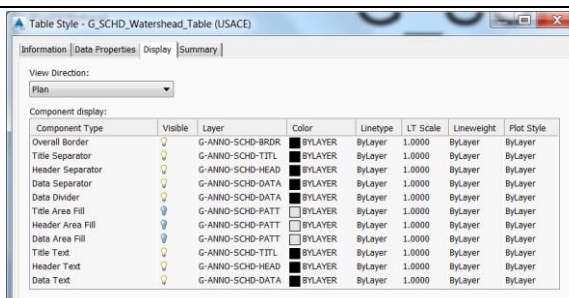
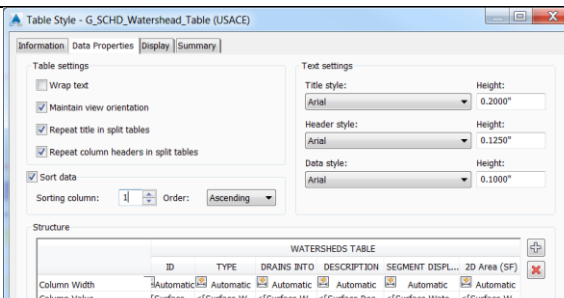
Watershed (1)

Name: G_SCHD_Watershed_Table (USACE)

Description: ID | TYPE | DRAIN | DESC | SEG | AREA

WATERSHEDS TABLE

ID	TYPE	DRAINS INTO	DESCRIPTION	SEGMENT DISPLAY	2D Area (SF)
91	Multi-drain notch	62, 62	Description 91	-----	291.29



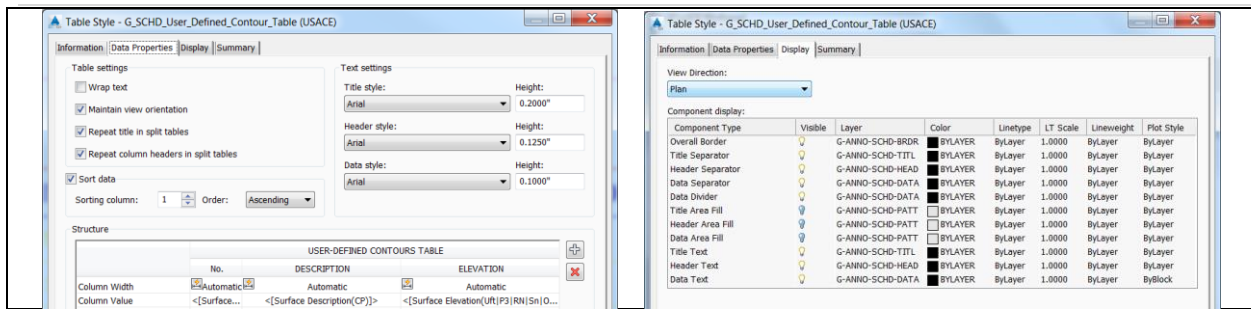
User-Defined Contour (1)

Name: G_SCHD_User_Defined_Contour_Table (USACE)

Description: ID | TYPE | DRAINS INTO | DESC | SEG DISP | AREA

USER-DEFINED CONTOURS TABLE

No.	DESCRIPTION	ELEVATION
1	Contour 1	186.262
2	Contour 2	189.585
3	Contour 3	192.908



1.6 Parcel


PARCEL

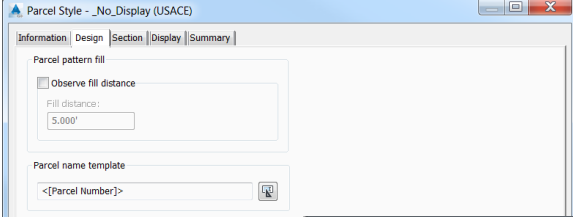
Object Styles (2)

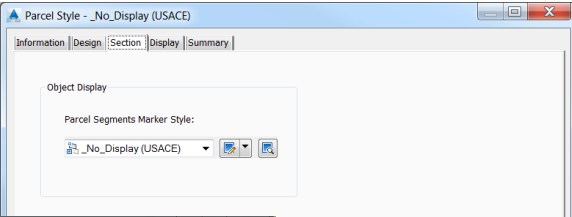
Name: *_No_Display (USACE)*

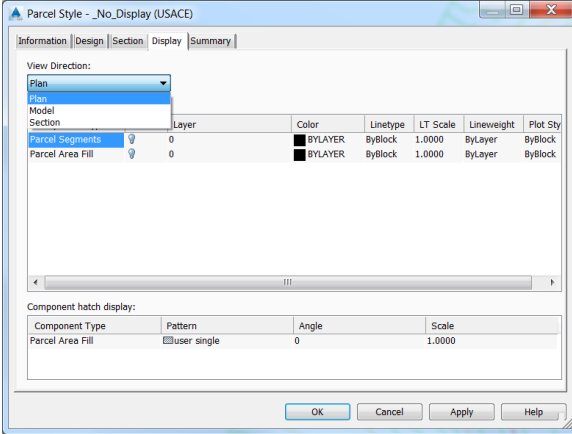
Description: Name = Number

ALL Components Turned OFF in ALL Views





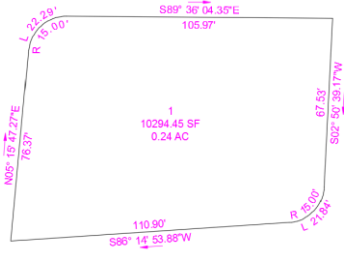


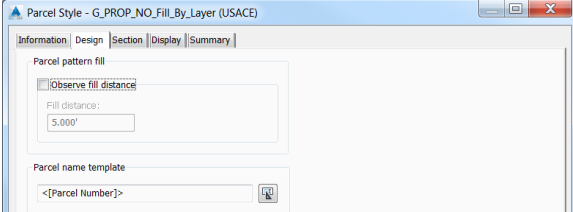


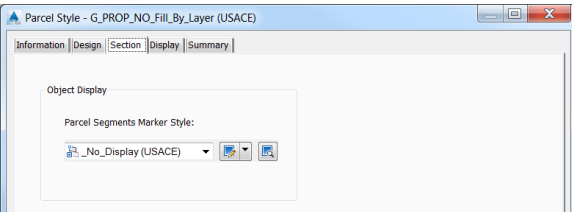
Name: *G_PROP_NO_Fill_By_Layer (USACE)*

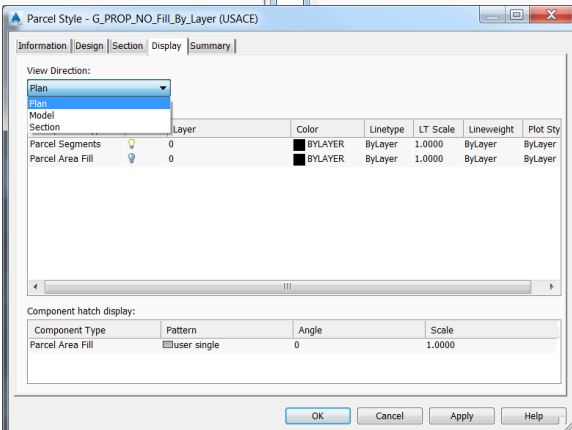
Description: Name = Number

Object will take on the Properties of the Host Layer.



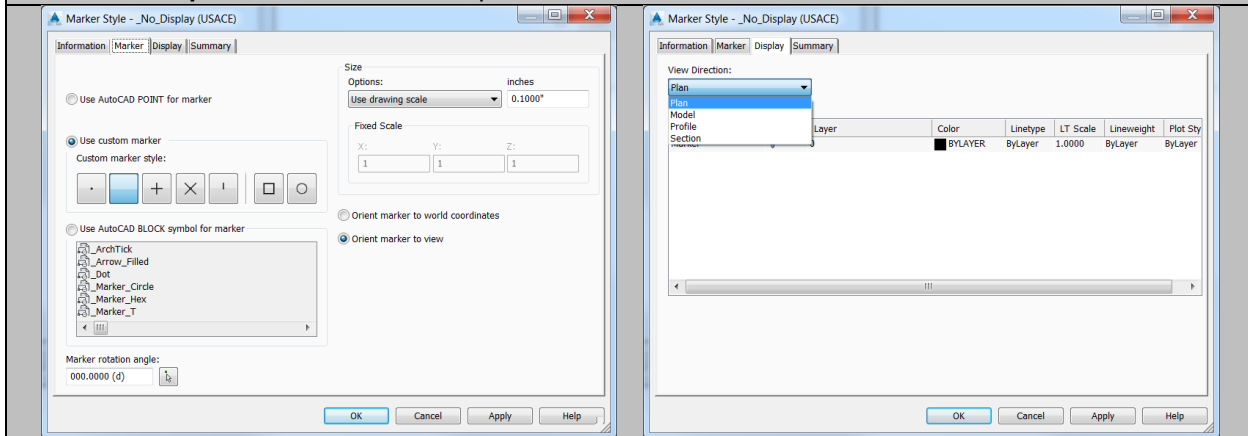
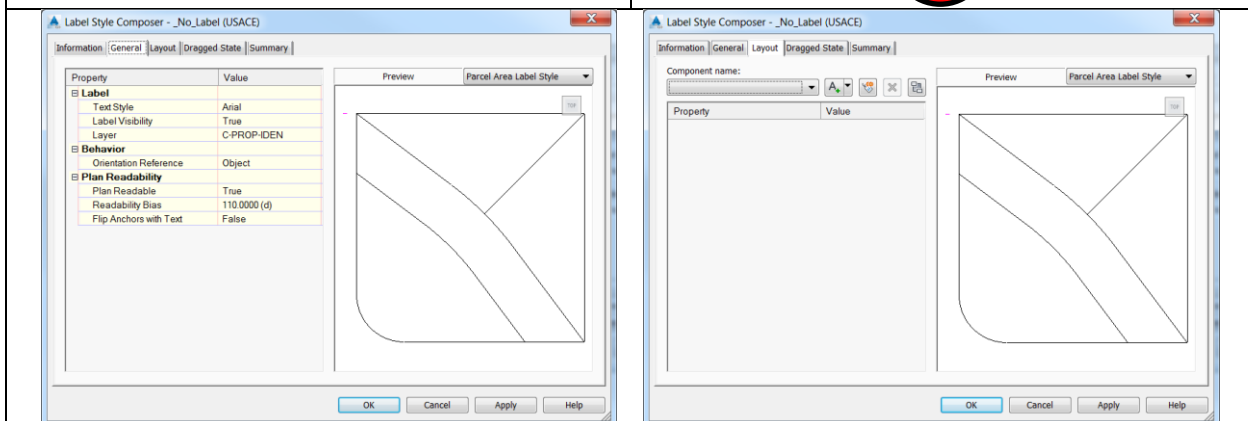




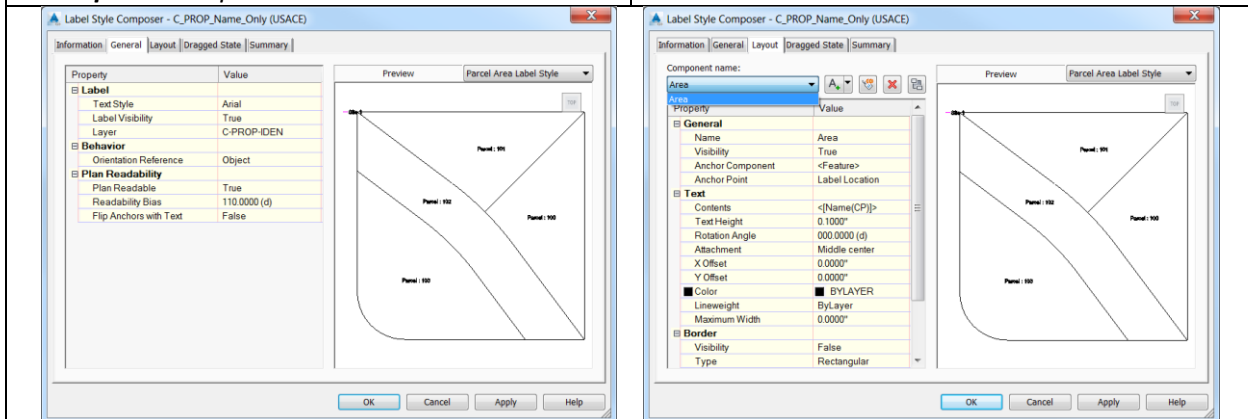


NOTE:

Section Tab > Parcel Segmnts Marker Style: Object Display

Name: _No_Display (USACE)**Description:** No Marker - Component OFF in ALL views**Parcel LABEL Styles****Area (0)****Name:** _No_Label (USACE)**Description:** Empty Label - No Components**Name:** C_PROP_Name_Only (USACE)**Description:** Proposed - NAME

1

**Name:** C_PROP_Number_and_Area (USACE)**Description:** Proposed

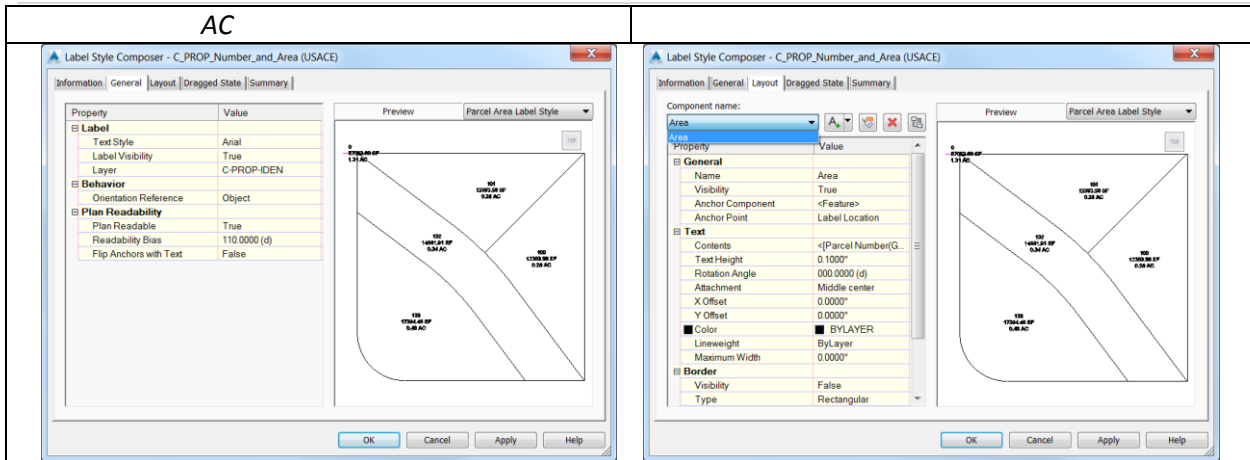
#

SF

1

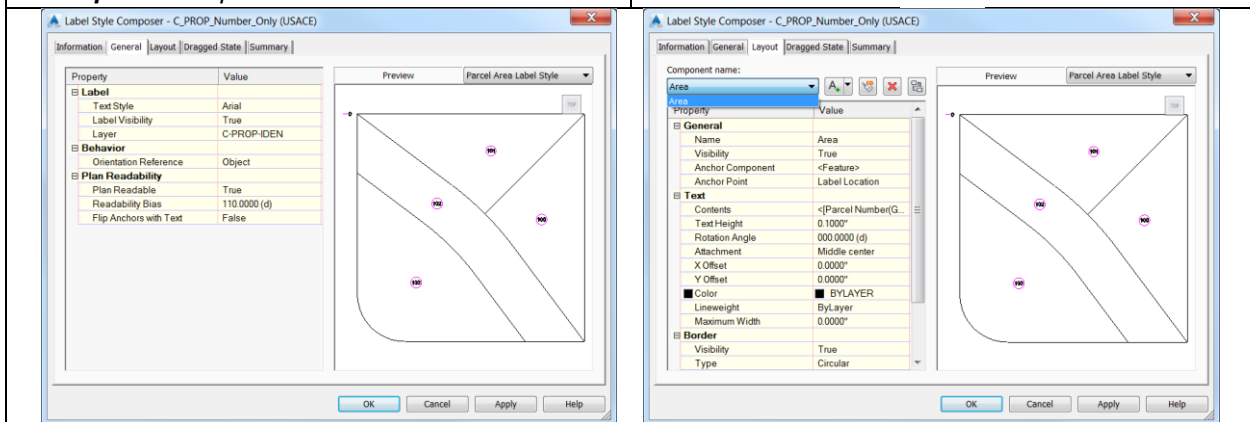
10294.45 SF

0.24 AC



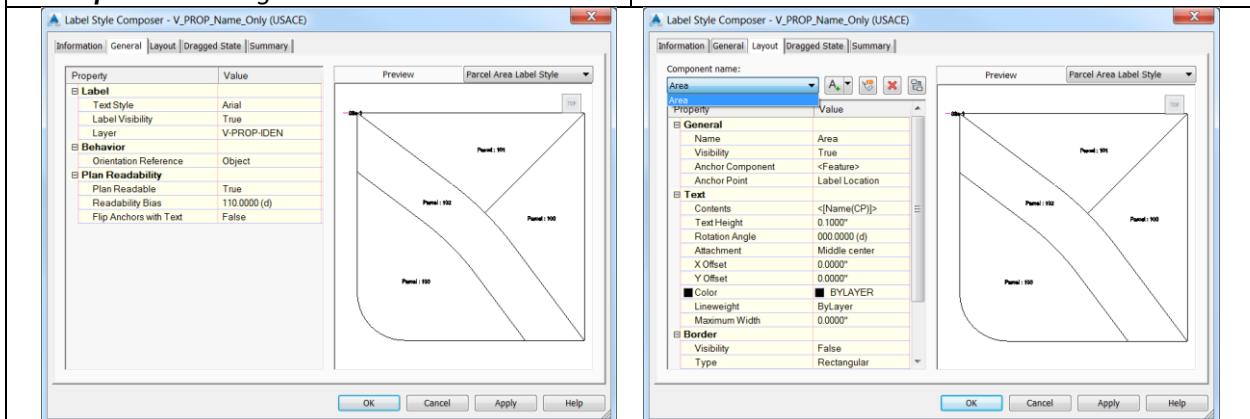
Name: C_PROP_Number_Only (USACE)
Description: Proposed Number with Circle

1



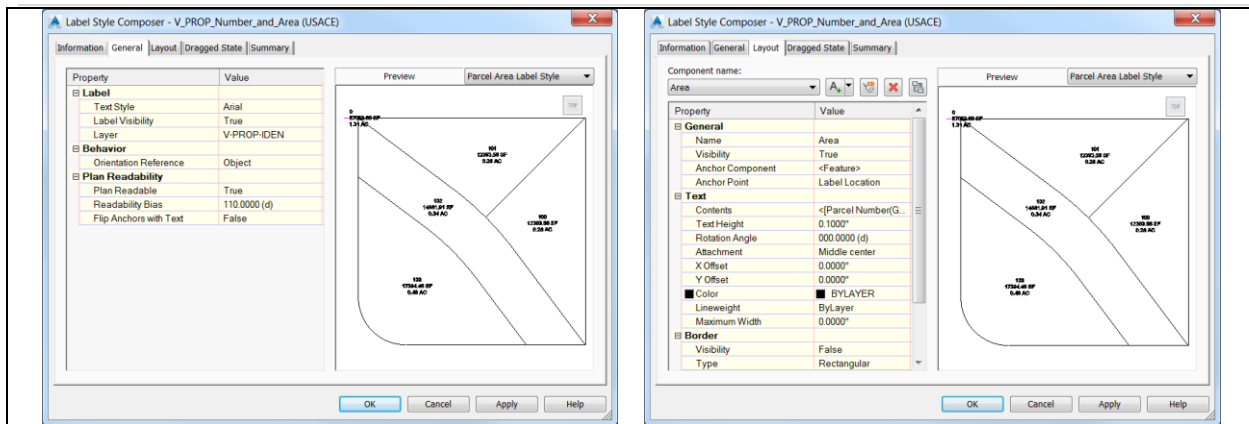
Name: V_PROP_Name_Only (USACE)
Description: Existing Name

1



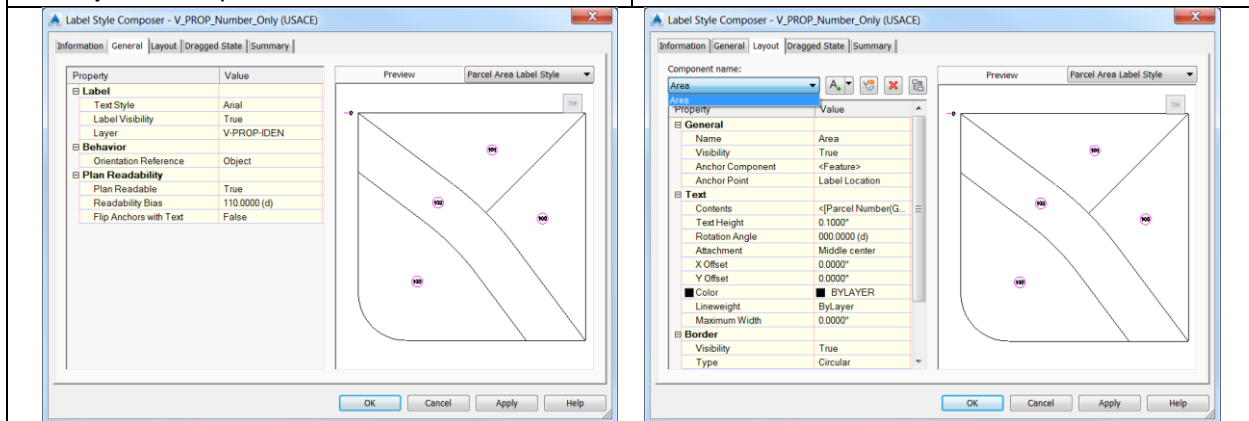
Name: V_PROP_Number_and_Area (USACE)
Description: Existing
 #
 SF
 AC

1
 10294.45 SF
 0.24 AC



Name: C_PROP_Number_Only (USACE)
Description: Proposed Number with Circle

1



PARCEL Line Label Style (0)

Name: _Use_General_Set_Up (USACE)

Description: NOT SET UP FOR USE

NOTE:

Users to leverage the Labels in the General collection's Line Label Styles.

- C_PROP_Brng_over_Dist (USACE)
 - C_Bearing_Only
 - C_Distance_Only
- C_PROP_Line_TAG (USACE)
- V_PROP_Brng_over_Dist (USACE)
 - V_Bearing_Only
 - V_Distance_Only

PARCEL Curve Label Style (0)

Name: _Use_General_Set_Up (USACE)

Description: NOT SET UP FOR USE

NOTE:

Users to leverage the Labels in the General collection's Line Label Styles.

- C_PROP_Brng_over_Dist (USACE)
 - C_Bearing_Only
 - C_Distance_Only
- C_PROP_Line_TAG (USACE)
- V_PROP_Brng_over_Dist (USACE)
 - V_Bearing_Only
 - V_Distance_Only

Parcel TABLE Styles

Line

Name: G_SCHD_Line_Table (USACE)

Description: L# | Length | Direction

LINE TABLE

LINE #	LENGTH	DIRECTION
L12	197.36'	N62° 27' 55.71"E
L13	207.41'	S67° 35' 22.72"E
L14	134.79'	N61° 43' 03.56"E

Table Style - G_SCHD_Line_Table (USACE)

Information | Data Properties | Display | Summary

Table settings

☐ Wrap text

☒ Maintain view orientation

☒ Repeat title in split tables

☒ Repeat column headers in split tables

☒ Sort data

Sorting column: 1 Order: Ascending

Text settings

Title style: Arial Height: 0.2000"

Header style: Arial Height: 0.1250"

Data style: Arial Height: 0.1000"

Structure

LINE #	LENGTH	DIRECTION
Column Width	Automatic	Automatic
Column Value	<{Parcel Line Number(SnG...}	<{Segment Length(URI2 R...}

Table Style - G_SCHD_Line_Table (USACE)

Information | Data Properties | Display | Summary

View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	LineWeight	Plot Style
Overall Border	<input checked="" type="checkbox"/>	G-ANNO-SCHD-BRDR	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Title Separator	<input checked="" type="checkbox"/>	G-ANNO-SCHD-TITL	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Header Separator	<input checked="" type="checkbox"/>	G-ANNO-SCHD-HEAD	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Data Separator	<input checked="" type="checkbox"/>	G-ANNO-SCHD-DATA	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Data Divider	<input checked="" type="checkbox"/>	G-ANNO-SCHD-DATA	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Title Area Fill	<input checked="" type="checkbox"/>	G-ANNO-SCHD-PATT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Header Area Fill	<input checked="" type="checkbox"/>	G-ANNO-SCHD-PATT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Data Area Fill	<input checked="" type="checkbox"/>	G-ANNO-SCHD-PATT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Title Text	<input checked="" type="checkbox"/>	G-ANNO-SCHD-TITL	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Header Text	<input checked="" type="checkbox"/>	G-ANNO-SCHD-HEAD	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Data Text	<input checked="" type="checkbox"/>	G-ANNO-SCHD-DATA	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

Curve

Name: G_SCHD_Curve_Table (USACE)

Description: C# | Length | Radius | Delta | Chd Length | Chd Bearing

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA	CH LENGTH	CH BEARING
C10	230.29'	148.67'	088°44'57"	207.94'	S88° 07' 24.52"W
C11	283.95'	186.42'	087°16'14"	257.29'	N88° 51' 45.76"E
C12	238.16'	152.39'	089°3'243"	214.65'	N90° 00' 00.00"W

Table Style - G_SCHD_Curve_Table (USACE)

Information | Data Properties | Display | Summary

Table settings

☐ Wrap text

☒ Maintain view orientation

☒ Repeat title in split tables

☒ Repeat column headers in split tables

☒ Sort data

Sorting column: 1 Order: Ascending

Text settings

Title style: Arial Height: 0.2000"

Header style: Arial Height: 0.1250"

Data style: Arial Height: 0.1000"

Structure

CURVE #	LENGTH	RADIUS	DELTA	CH LENGTH	CH BEARING
Column Width	Automatic	Automatic	Automatic	Automatic	Automatic
Column Value	<{Parcel Cur...}	<{Segment L...}	<{Segment ...}	<{Segment ...}	<{Segment ...}

Table Style - G_SCHD_Curve_Table (USACE)

Information | Data Properties | Display | Summary

View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	LineWeight	Plot Style
Overall Border	<input checked="" type="checkbox"/>	G-ANNO-SCHD-BRDR	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Title Separator	<input checked="" type="checkbox"/>	G-ANNO-SCHD-TITL	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Header Separator	<input checked="" type="checkbox"/>	G-ANNO-SCHD-HEAD	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Data Separator	<input checked="" type="checkbox"/>	G-ANNO-SCHD-DATA	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Data Divider	<input checked="" type="checkbox"/>	G-ANNO-SCHD-DATA	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Title Area Fill	<input checked="" type="checkbox"/>	G-ANNO-SCHD-PATT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Header Area Fill	<input checked="" type="checkbox"/>	G-ANNO-SCHD-PATT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Data Area Fill	<input checked="" type="checkbox"/>	G-ANNO-SCHD-PATT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Title Text	<input checked="" type="checkbox"/>	G-ANNO-SCHD-TITL	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Header Text	<input checked="" type="checkbox"/>	G-ANNO-SCHD-HEAD	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Data Text	<input checked="" type="checkbox"/>	G-ANNO-SCHD-DATA	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

Segment

Name: G_SCHD_Segments_Table (USACE)

Description: #. | Length | Direct | Delta | Radius

SEGMENT TABLE

LINE #/CURVE #	LENGTH	DIRECTION	RADIUS
C10	230.286	088.7491	148.671
C11	283.952	087.2706	186.423
L13	207.407	S67° 35' 22.72"E	
L14	134.790	N61° 43' 03.56"E	

Table Style - G_SCHD_Segments_Table (USACE)

Information | Data Properties | Display | Summary

Table settings

☐ Wrap text

☒ Maintain view orientation

☒ Repeat title in split tables

☒ Repeat column headers in split tables

☒ Sort data

Sorting column: 1 Order: Ascending

Text settings

Title style: Arial Height: 0.2000"

Header style: Arial Height: 0.1250"

Data style: Arial Height: 0.1000"

Structure

LINE #/CURVE #	LENGTH	DIRECTION	RADIUS
Column Width	Automatic	Automatic	Automatic
Value: Line	<{Parcel Line Num...}	<{Segment Length...}	<{Segment Direct...}
Value: Curve	<{Parcel Curve Nu...}	<{Segment Length...}	<{Segment Delta ...}

Table Style - G_SCHD_Segments_Table (USACE)

Information | Data Properties | Display | Summary

View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	LineWeight	Plot Style
Overall Border	<input checked="" type="checkbox"/>	G-ANNO-SCHD-BRDR	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Title Separator	<input checked="" type="checkbox"/>	G-ANNO-SCHD-TITL	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Header Separator	<input checked="" type="checkbox"/>	G-ANNO-SCHD-HEAD	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Data Separator	<input checked="" type="checkbox"/>	G-ANNO-SCHD-DATA	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Data Divider	<input checked="" type="checkbox"/>	G-ANNO-SCHD-DATA	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Title Area Fill	<input checked="" type="checkbox"/>	G-ANNO-SCHD-PATT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Header Area Fill	<input checked="" type="checkbox"/>	G-ANNO-SCHD-PATT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Data Area Fill	<input checked="" type="checkbox"/>	G-ANNO-SCHD-PATT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Title Text	<input checked="" type="checkbox"/>	G-ANNO-SCHD-TITL	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Header Text	<input checked="" type="checkbox"/>	G-ANNO-SCHD-HEAD	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Data Text	<input checked="" type="checkbox"/>	G-ANNO-SCHD-DATA	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

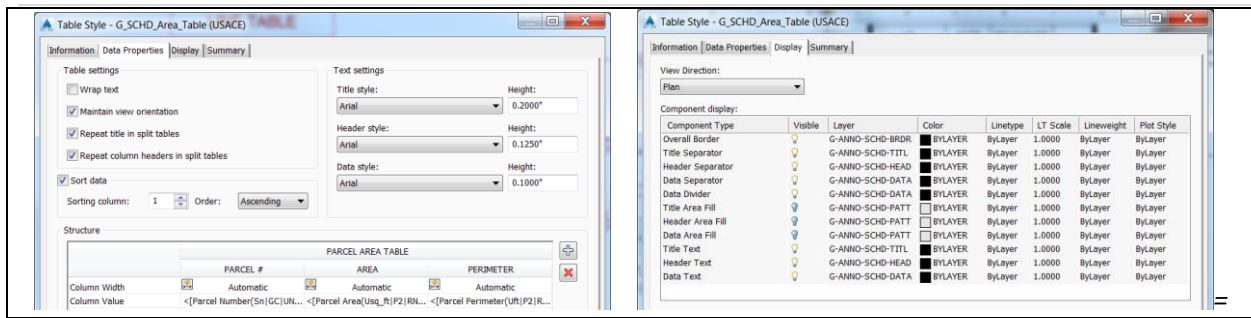
Area

Name: G_SCHD_Area_Table (USACE)

Description: # | Area | Perimeter

PARCEL AREA TABLE

PARCEL #	AREA	PERIMETER
30	17625.55 SF 0.40 AC	531.09'

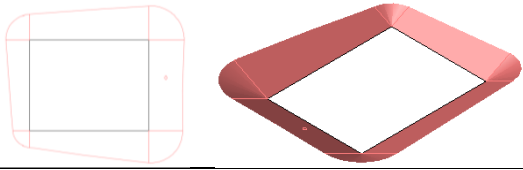


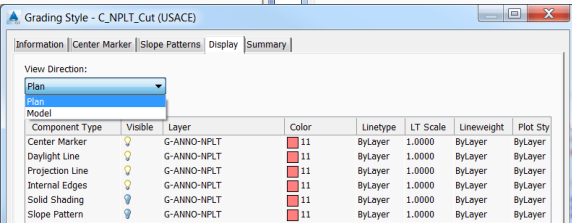
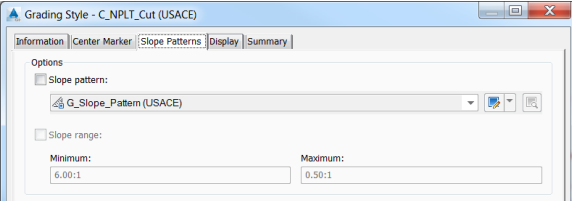
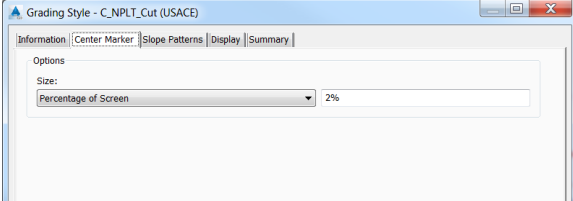
1.7 Grading

GRADING

Object Styles (3)

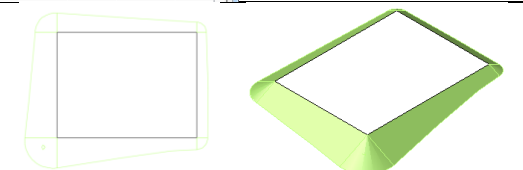
Name: *C_NPLT_Cut (USACE)*
Description: *NO PLOT*
CUT Grading Hardcoded to PINK

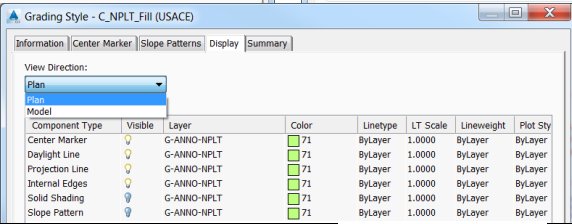
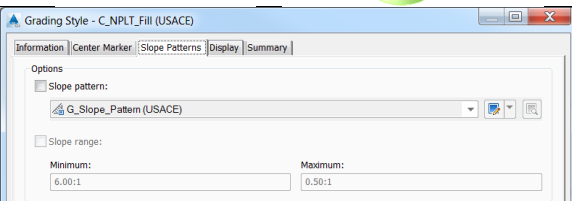
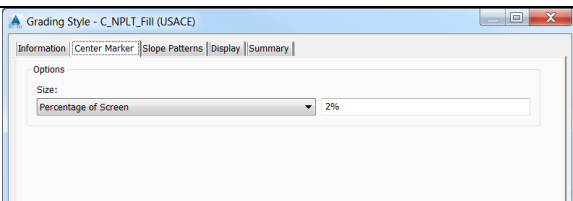




Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Sty
Center Marker		G-ANNO-NPLT	Pink	ByLayer	1.0000	ByLayer	ByLayer
Daylight Line		G-ANNO-NPLT	Pink	ByLayer	1.0000	ByLayer	ByLayer
Projection Line		G-ANNO-NPLT	Pink	ByLayer	1.0000	ByLayer	ByLayer
Internal Edges		G-ANNO-NPLT	Pink	ByLayer	1.0000	ByLayer	ByLayer
Solid Shading		G-ANNO-NPLT	Pink	ByLayer	1.0000	ByLayer	ByLayer
Slope Pattern		G-ANNO-NPLT	Pink	ByLayer	1.0000	ByLayer	ByLayer

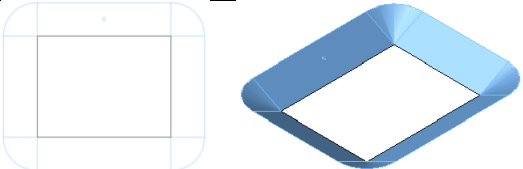
Name: *C_NPLT_Fill (USACE)*
Description: *NO PLOT*
FILL Grading Hardcoded to GREEN

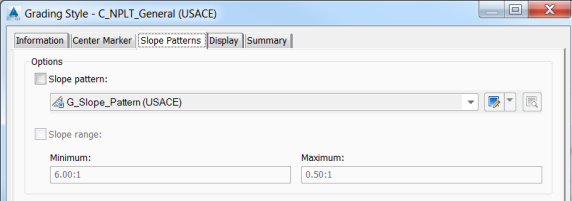
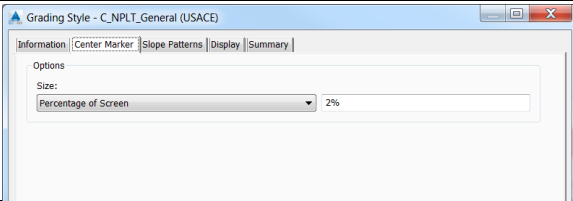


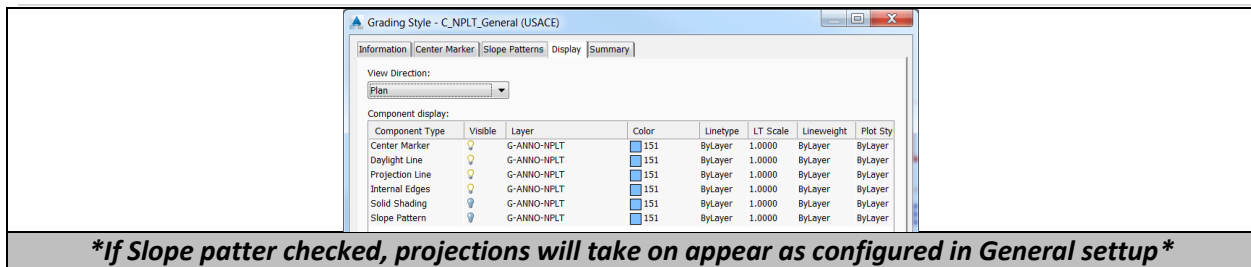


Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Sty
Center Marker		G-ANNO-NPLT	Green	ByLayer	1.0000	ByLayer	ByLayer
Daylight Line		G-ANNO-NPLT	Green	ByLayer	1.0000	ByLayer	ByLayer
Projection Line		G-ANNO-NPLT	Green	ByLayer	1.0000	ByLayer	ByLayer
Internal Edges		G-ANNO-NPLT	Green	ByLayer	1.0000	ByLayer	ByLayer
Solid Shading		G-ANNO-NPLT	Green	ByLayer	1.0000	ByLayer	ByLayer
Slope Pattern		G-ANNO-NPLT	Green	ByLayer	1.0000	ByLayer	ByLayer

Name: *C_NPLT_General (USACE)*
Description: *NO PLOT*
General Grading Hardcoded to BLUE

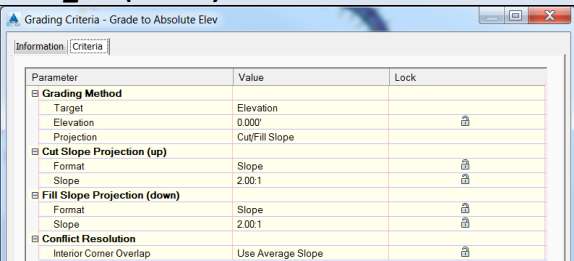
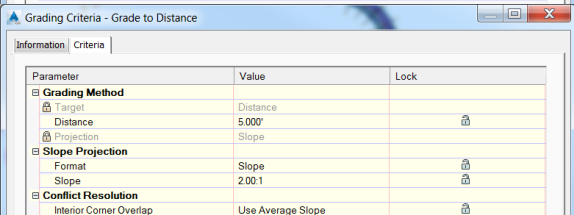
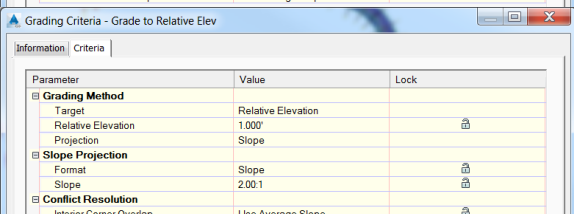
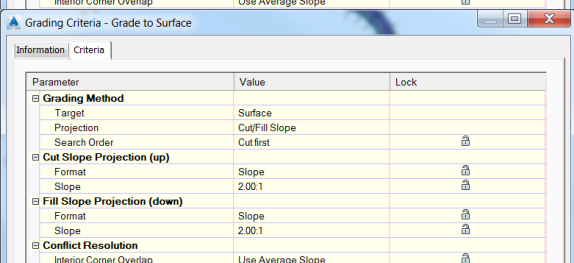






GRADING Criteria Sets (strategies)

C_Criteria_Set (USACE)

<p>Name: <i>Grade to Absolute Elev</i></p> <p>Description: <i>Absolute Elevation</i></p>	
<p>Name: <i>Grade to Distance</i></p> <p>Description: <i>Distance @ Slope</i></p>	
<p>Name: <i>Grade to Relative Elev</i></p> <p>Description: <i>Relative Elevation @ Slope</i></p>	
<p>Name: <i>Grade to Surface</i></p> <p>Description: <i>Surface @ Slope</i></p>	


1.8 Alignment

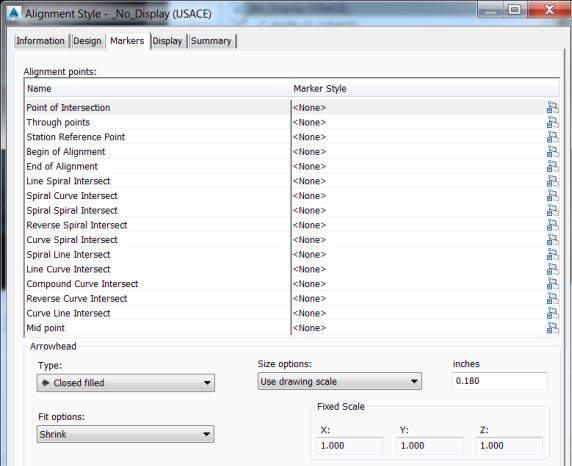
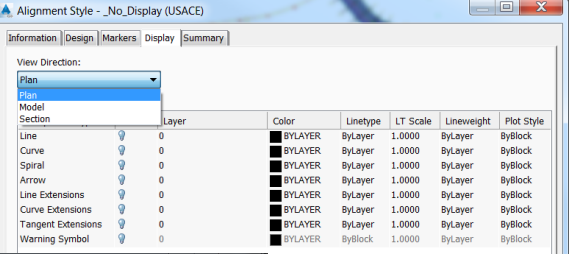
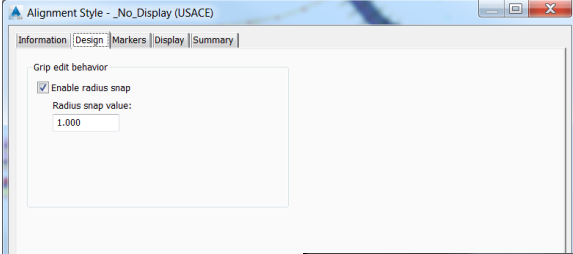
ALIGNMENT

Object Styles (4)

Name: *_No_Display (USACE)*

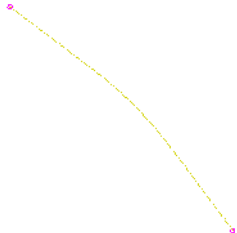
Description: *ALL Components Turned OFF in ALL Views*

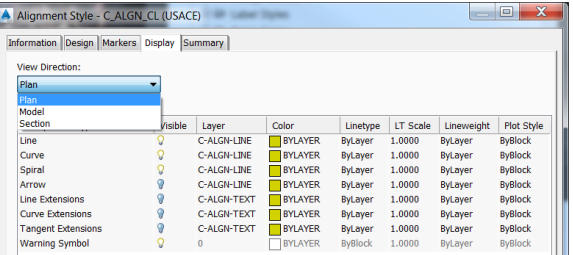
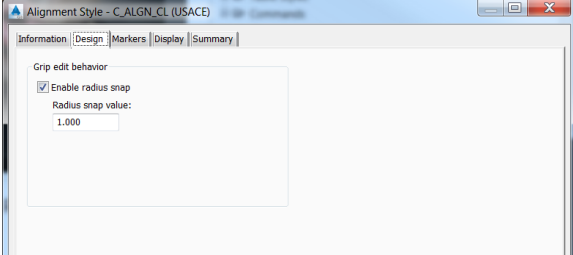


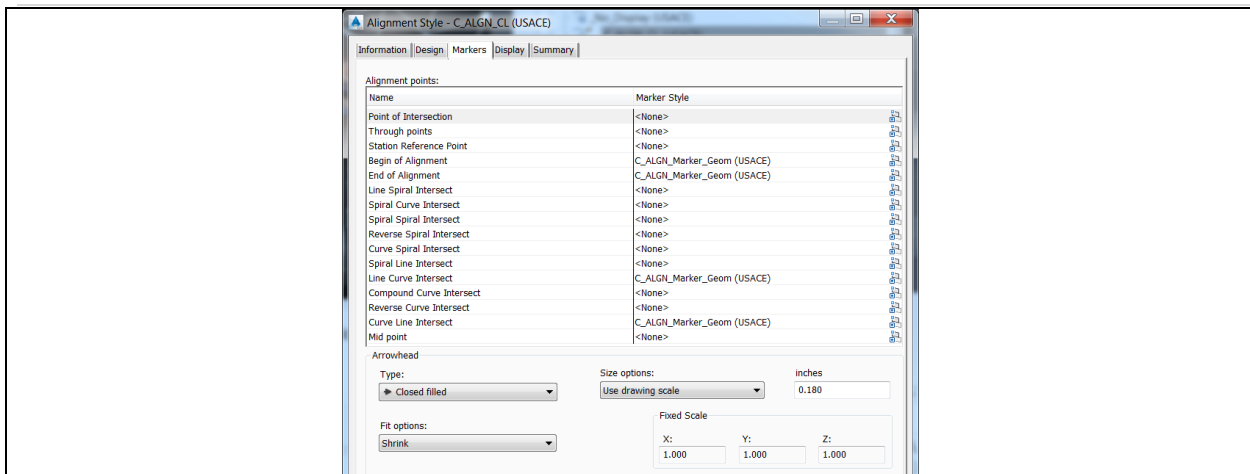


Name: *C_ALGN_CL (USACE)*

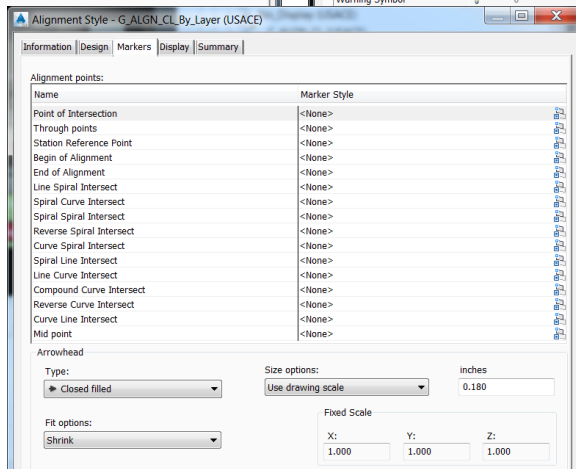
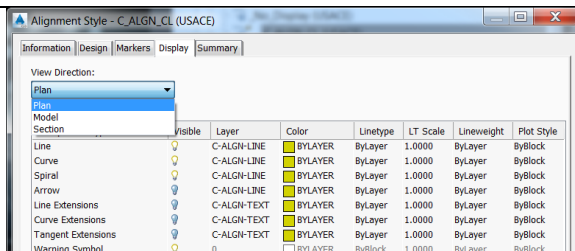
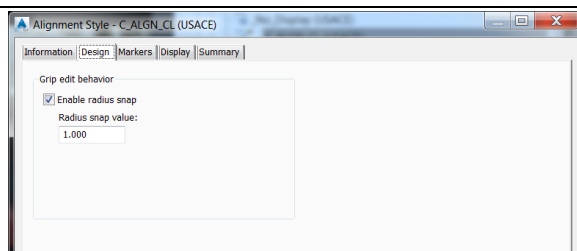
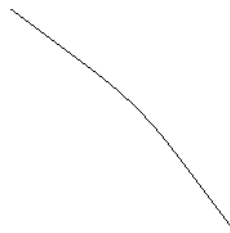
Description: *Proposed Centerline*



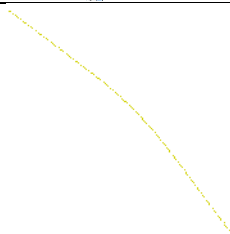


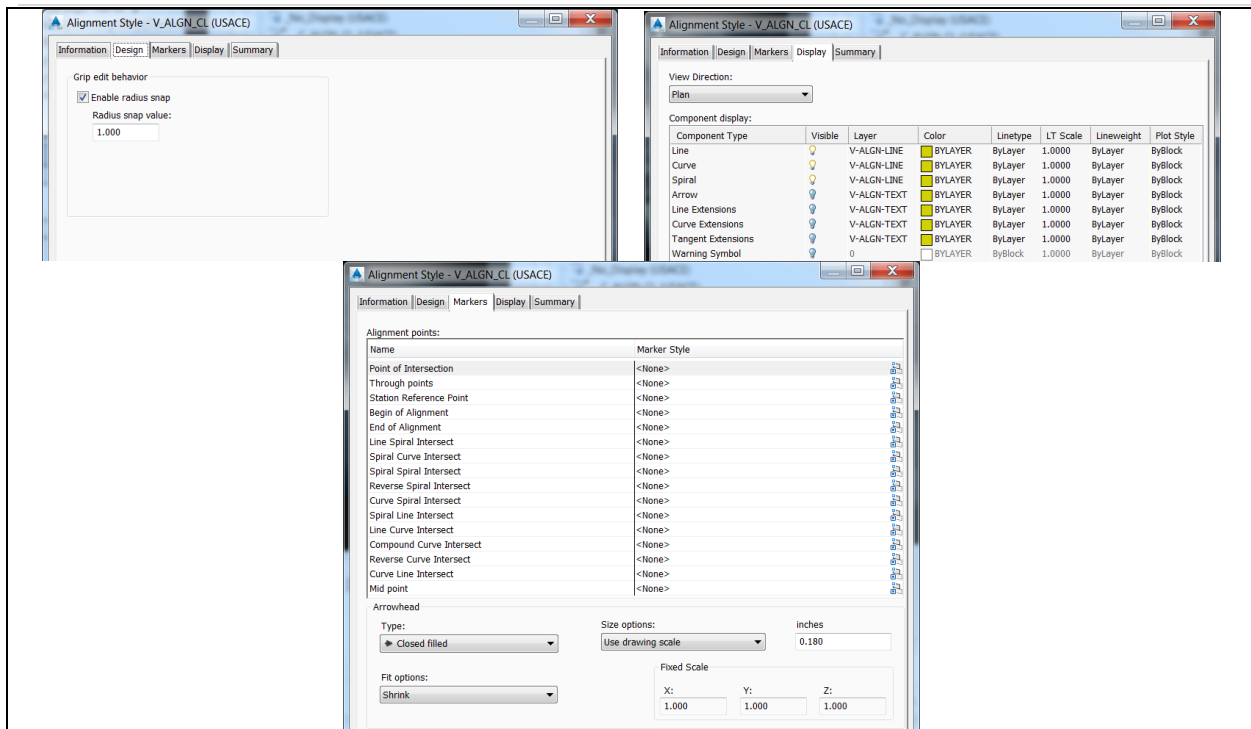


Name: G_ALGN_CL_By_Layer (USACE)
Description: NO Extension Lines
 Object will take on the Properties of the Host Layer.



Name: V_ALGN_CL (USACE)
Description: Existing Centerline

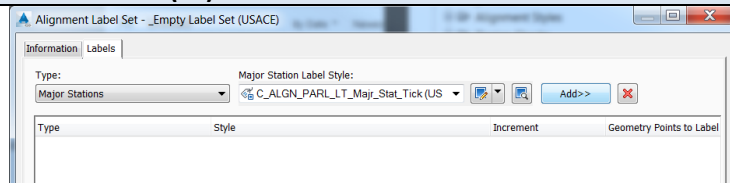




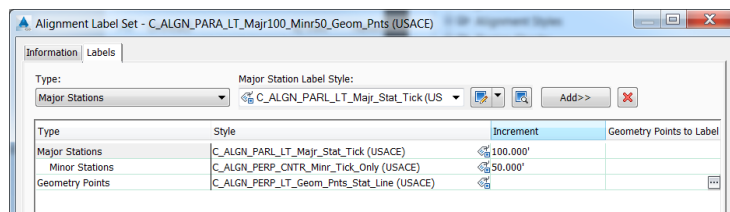
ALIGNMENT Label Styles

Label Sets (9)

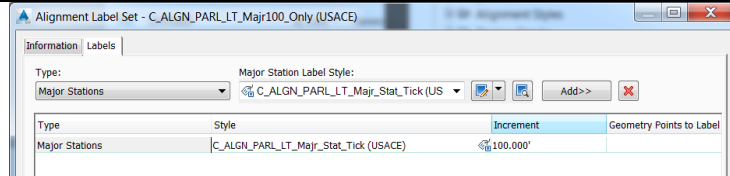
Name: _Empty Label Set (USACE)
Description: No Labels



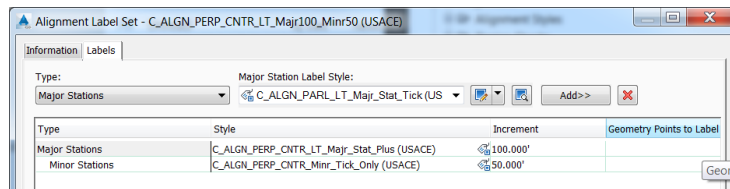
Name:
 C_ALGN_PARA_LT_Majr100_Minr50_Geom_Pnts (USACE)
Description: PARALLEL
 Major Stat @100
 Minor Tick @50
 Geometry Points PARALLEL

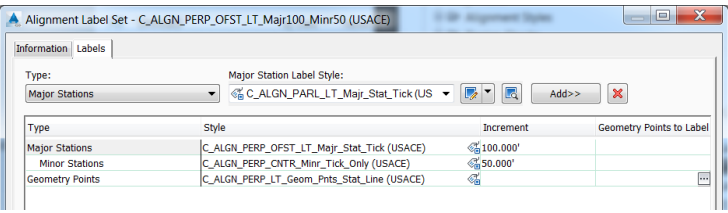
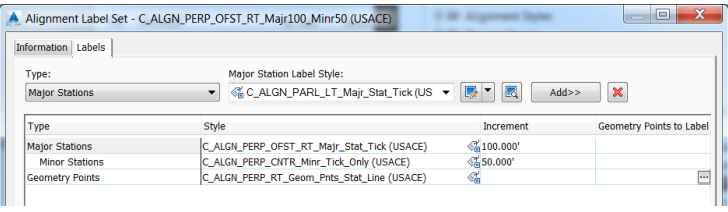
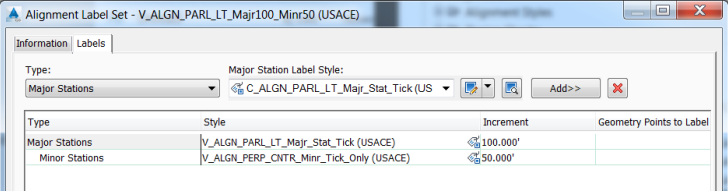
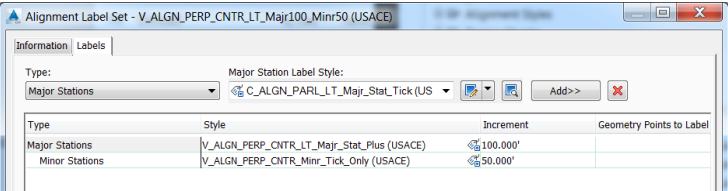
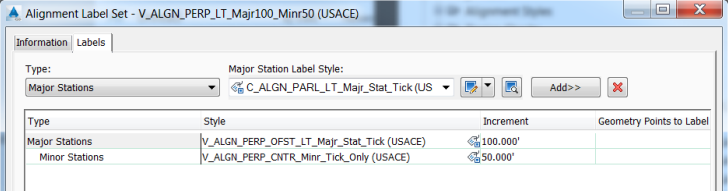


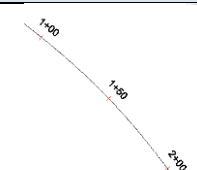
Name:
 C_ALGN_PARL_LT_Majr100_Only (USACE)
Description: PARALLEL
 Major Stat @ 100

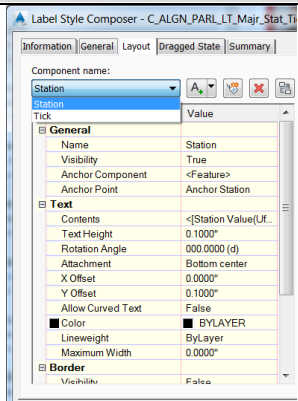
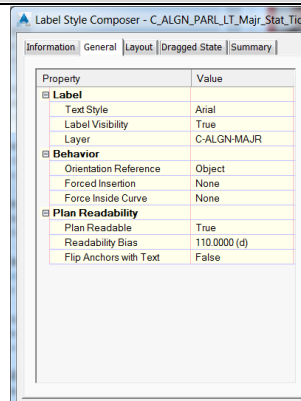


Name:
 C_ALGN_PERP_CNTR_LT_Majr100_Minr50 (USACE)
Description: CENTERD +
 Major Stat @100
 Minor Tick @50

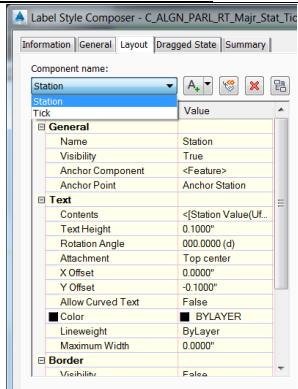
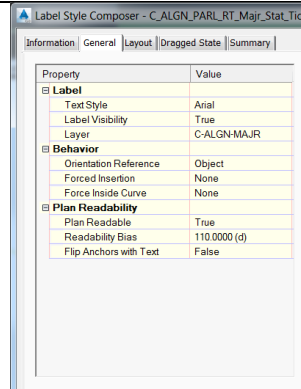
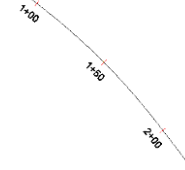


Name: C_ALGN_PERP_OFST_LT_Majr100_Minr50 (USACE) Description: PERPENDICULAR Major Stat @100 Minor Tick @50 Geo Points	
Name: C_ALGN_PERP_OFST_RT_Majr100_Minr50 (USACE) Description: PERPENDICULAR Major Stat @100 Minor Tick @50 Geo Points	
Name: V_ALGN_PARL_LT_Majr100_Minr50 (USACE) Description: PARALLEL above Major Stat @100 Minor Tick @50	
Name: V_ALGN_PERP_CNTR_LT_Majr100_Minr50 (USACE) Description: CENTERD __+__ Major Stat @100 Minor Tick @50	
Name: V_ALGN_PERP_LT_Majr100_Minr50 (USACE) Description: PERPENDICULAR above Major Stat @100 Minor Tick @50	

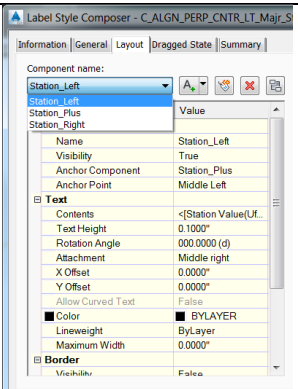
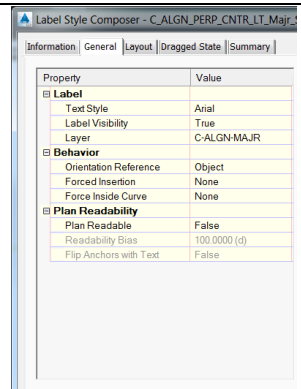
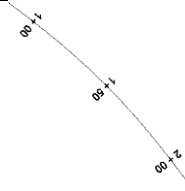
Station: Major Station (8)	
Name: C_ALGN_PARL_LT_Majr_Stat_Tick (USACE) Description: PARALLEL Major Station and Tick ABOVE	



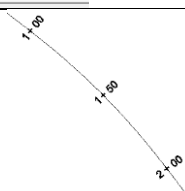
Name: C_ALGN_PARL_RT_Majr_Stat_Tick
(USACE)
Description: PARALLEL
Major Station and Tick BELOW

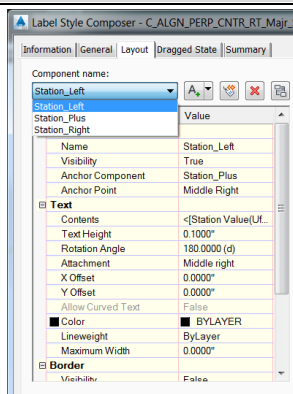
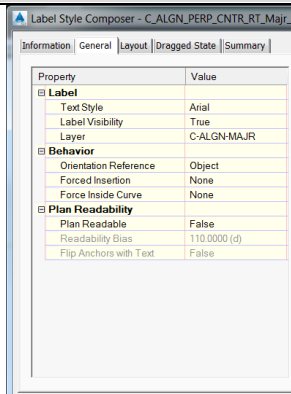


Name: C_ALGN_PERP_CNTR_LT_Majr_Stat_Plus
(USACE)
Description: CENTERD __+__
Major Station with Tick ABOVE

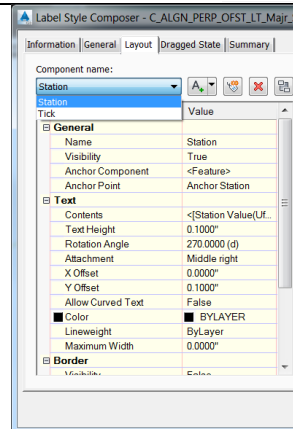
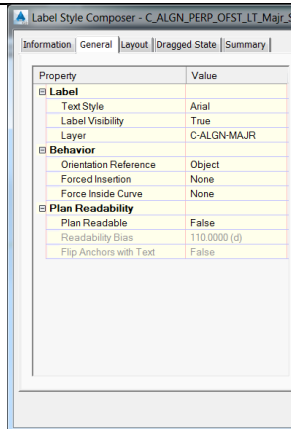


Name: C_ALGN_PERP_CNTR_RT_Majr_Stat_Plus
(USACE)
Description: CENTERD __+__
Major Station with Tick BELOW

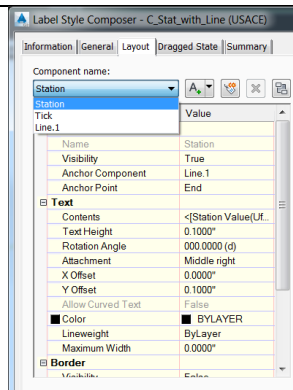
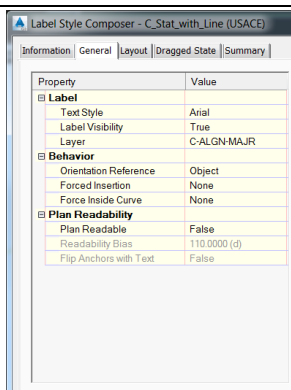
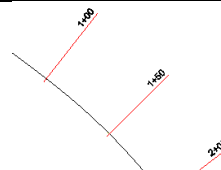




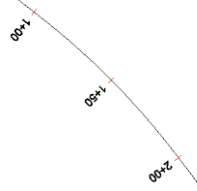
Name: C_ALGN_PERP_OFST_LT_Majr_Stat_Tick (USACE)
Description: PERPENDICULAR
Major Station and Tick ABOVE

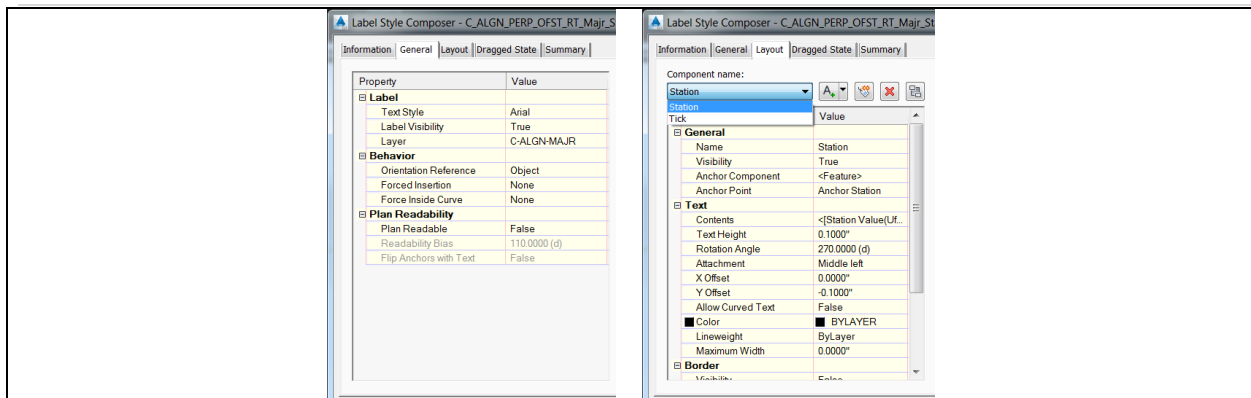


Name: C_Stat_with_Line (USACE)
Description: PERPENDICULAR
Major Station and Line ABOVE

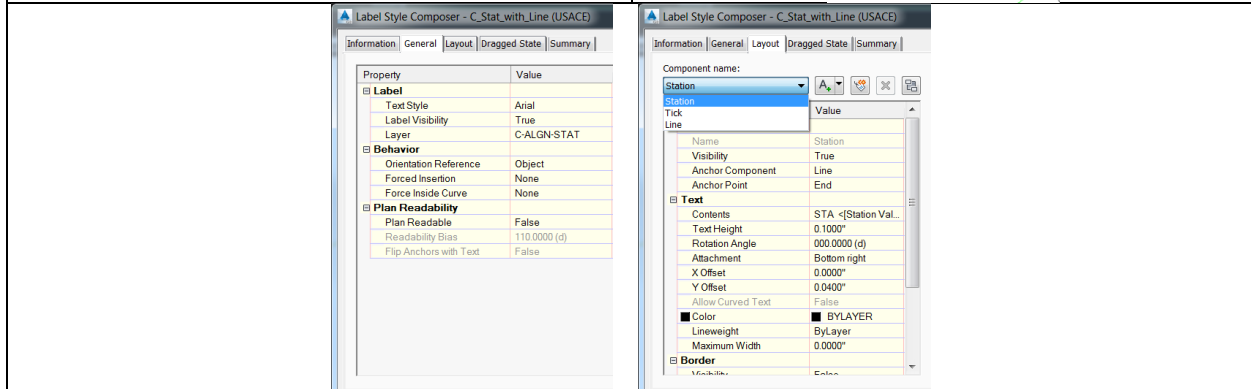
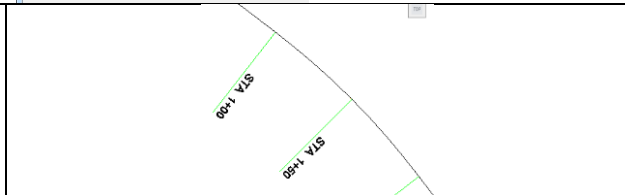


Name: C_ALGN_PERP_OFST_RT_Majr_Stat_Tick (USACE)
Description: PERPENDICULAR
Major Station and Tick BELOW

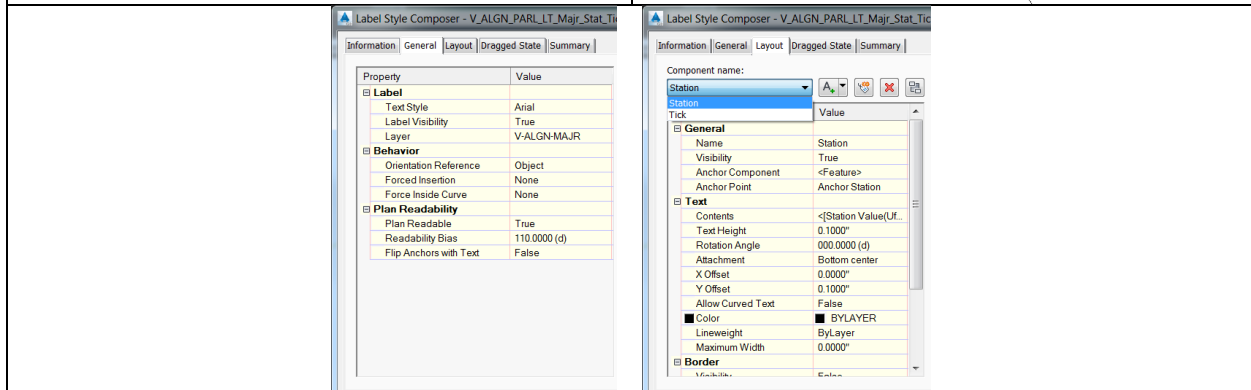
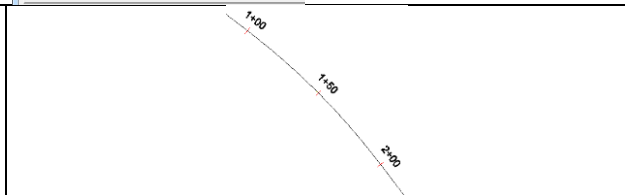




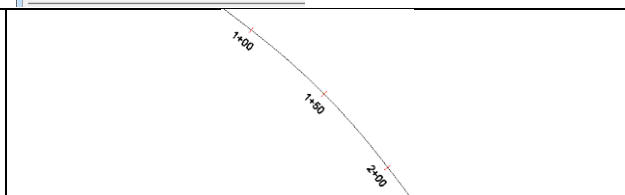
Name: C_Stat_with_Line (USACE)
Description: PERPENDICULAR
Major Station and Line
BELOW

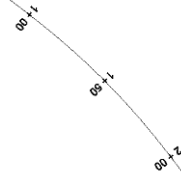
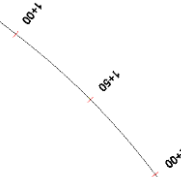
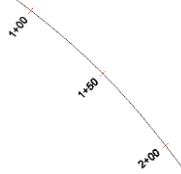


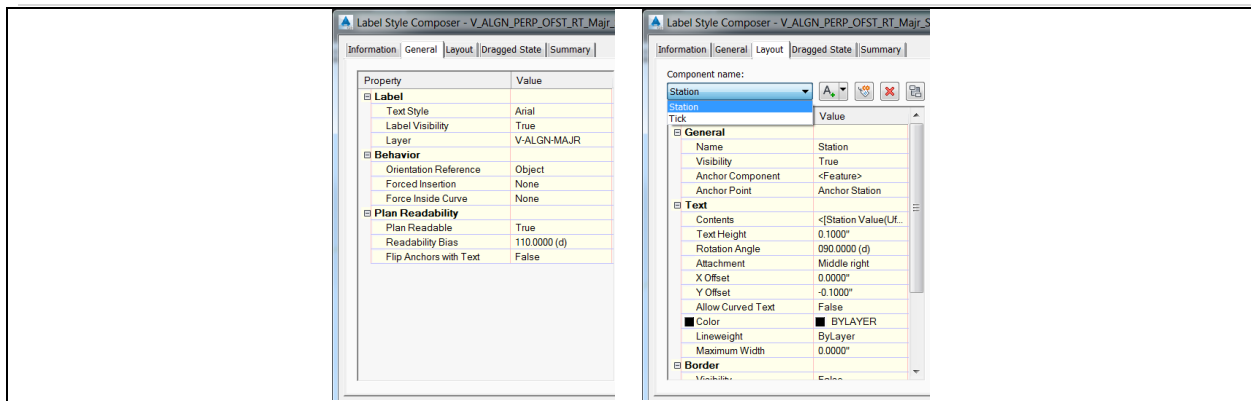
Name: V_ALGN_PARL_LT_Majr_Stat_Tick (USACE)
Description: PARALLEL
Major Station and Tick ABOVE



Name: V_ALGN_PARL_RT_Majr_Stat_Tick (USACE)
Description: PARALLEL
Major Station and Tick BELOW



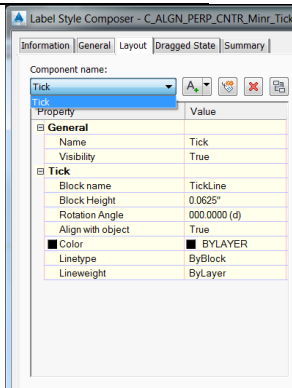
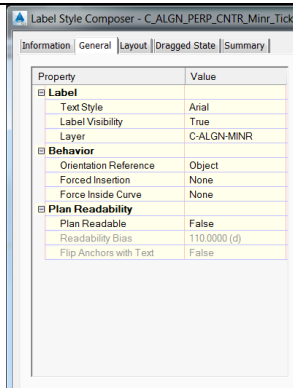
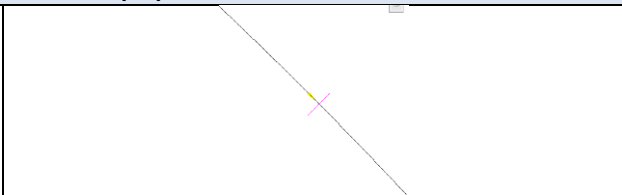
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Station: Minor Station (2)

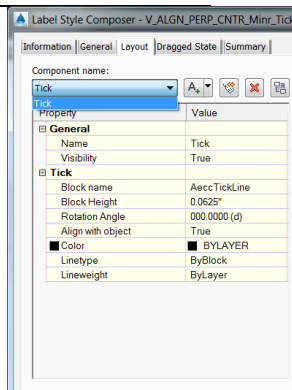
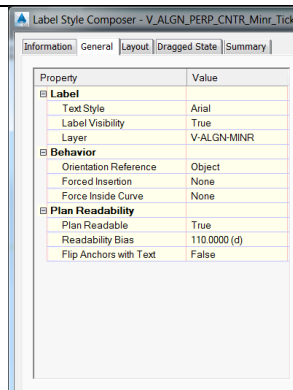
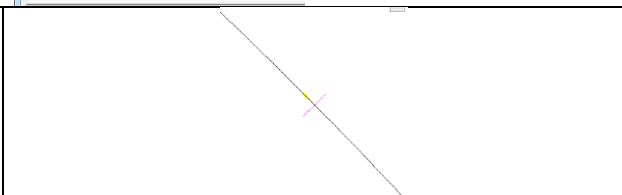
Name: C_ALGN_PERP_CNTR_Minr_Tick_Only
(USACE)

Description: PERPENDICULAR
Proposed Tick Only



Name: V_ALGN_PERP_CNTR_Minr_Tick_Only
(USACE)

Description: PERPENDICULAR
Existing Tick Only



Station: Geometry Point (5)

Name: C_ALGN_Horiz_RT_Coords_Line (USACE)

XX

Description: HORIZONTAL

X & Y with mid Line

X: 103.510
Y: 138.388

Label Style Composer - C_ALGN_Horiz_RT_Coords_Line

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-ALGN-TEXT
Behavior	
Orientation Reference	View
Forced Insertion	None
Force Inside Curve	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_ALGN_Horiz_RT_Coords_Line

Information | General | Layout | Dragged State | Summary

Component name:

Text

Line	Value
General	
Name	Text
Visibility	True
Anchor Component	<Feature>
Anchor Point	Anchor Station
Text	
Contents	X: <Easting(UNP...
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Middle left
X Offset	0.0000"
Y Offset	0.0000"
Allow Curved Text	False
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False

Name: C_ALGN_PERP_LT_Coords_Line (USACE) x

Description: PERPENDICULAR

X & Y with Line

X: 103.510
Y: 138.388

Label Style Composer - C_ALGN_PERP_LT_Coords_Line

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-ALGN-TEXT
Behavior	
Orientation Reference	Object
Forced Insertion	None
Force Inside Curve	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_ALGN_PERP_LT_Coords_Line

Information | General | Layout | Dragged State | Summary

Component name:

Text

Line	Value
General	
Name	Text
Visibility	True
Anchor Component	Line
Anchor Point	End
Text	
Contents	X: <Easting(UNP...
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Middle right
X Offset	0.0000"
Y Offset	0.0000"
Allow Curved Text	False
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False

Name: C_ALGN_PERP_LT_Geom_Pnts_Stat_Line (USACE)

Description: PERPENDICULAR

Geometry Point & Station with Line

CS: 1+73.42

Label Style Composer - C_ALGN_PERP_LT_Geom_Pnts_Stat_Line

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-ALGN-TEXT
Behavior	
Orientation Reference	Object
Forced Insertion	None
Force Inside Curve	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_ALGN_PERP_LT_Geom_Pnts_Stat_Line

Information | General | Layout | Dragged State | Summary

Component name:

Geometry Point and Station

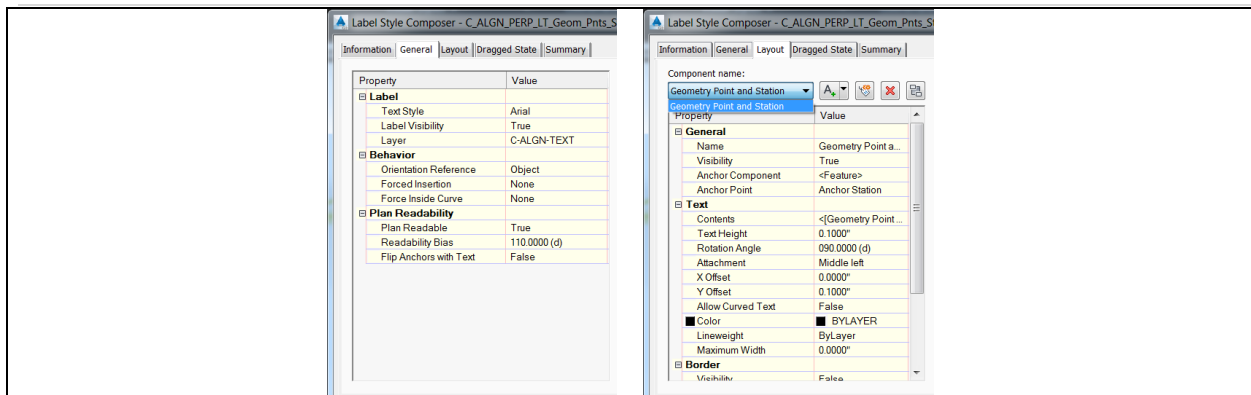
Line	Value
General	
Name	Geometry Point a...
Visibility	True
Anchor Component	Line
Anchor Point	End
Text	
Contents	<[Geometry Point...
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Top right
X Offset	0.0000"
Y Offset	0.0000"
Allow Curved Text	False
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False

Name:
C_ALGN_PERP_LT_Geom_Pnts_Stat_No_Line (USACE)

Description: PERPENDICULAR

Geometry Point & Station NO line

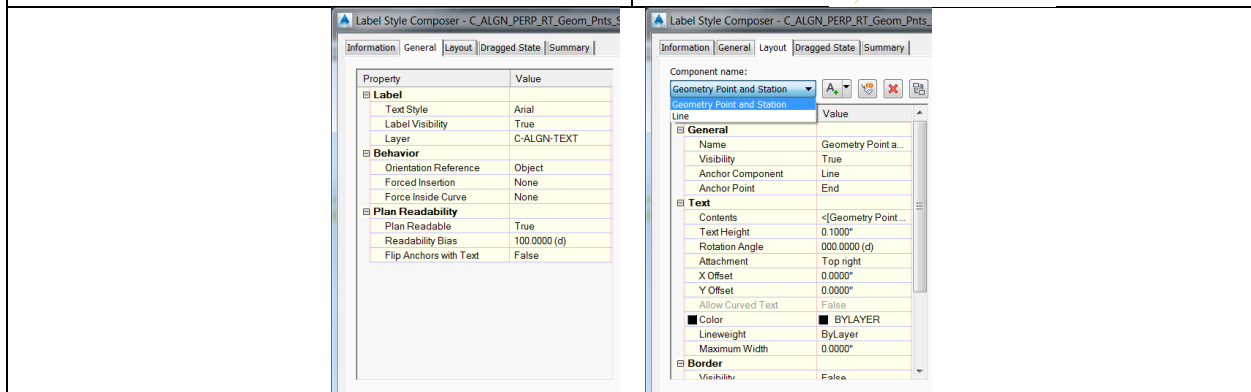
SC: 1+24.05



Name: C_ALGN_PERP_RT_Geom_Pnts_Stat_Line (USACE)

Description: PERPENDICULAR
Geometry Point & Station with Line

SC: 1+24.05

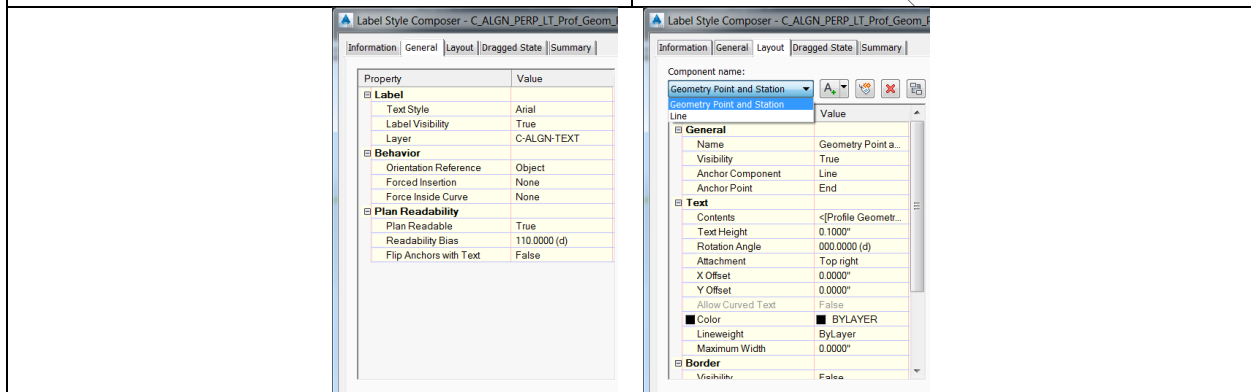


Station: Profile Geometry Point (1)

Name:
C_ALGN_PERP_LT_Prof_Geom_Pnts_Stat_Line (USACE)

Description: Proposed Profile Geometry Point

EVC: 1+31.18



Station: Station Equation (1)

Name: C_ALGN_PERP_RT_Stat_Eqtn_Line
(USACE)
Description: Proposed
STA Ahead / STA Back with Line

STA BACK = 1+448.73
STA AHEAD = 1+448.73

Label Style Composer - C_ALGN_PERP_RT_Stat_Eqtn_Line

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-ALGN-STAT
Behavior	
Orientation Reference	Object
Forced Insertion	None
Force Inside Curve	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_ALGN_PERP_RT_Stat_Eqtn_Line

Information | General | Layout | Dragged State | Summary

Component name:

Station Ahead

Property	Value
Name	Station Ahead
Visibility	True
Anchor Component	Line
Anchor Point	Start
Text	
Contents	STA AHEAD = <[...]
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Bottom left
X Offset	0.2000"
Y Offset	0.0250"
Allow Curved Text	False
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False

Station: Design Speed (1)

Name:
C_ALGN_PERP_RT_Dsgn_Speed_Stat_Line
(USACE)
Description: Proposed Design Speed

DESIGN SPEED = 50 mph
STA 0+74.05

Label Style Composer - C_ALGN_PERP_RT_Dsgn_Speed_Line

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-ALGN-STAT
Behavior	
Orientation Reference	Object
Forced Insertion	None
Force Inside Curve	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_ALGN_PERP_RT_Dsgn_Speed_Line

Information | General | Layout | Dragged State | Summary

Component name:

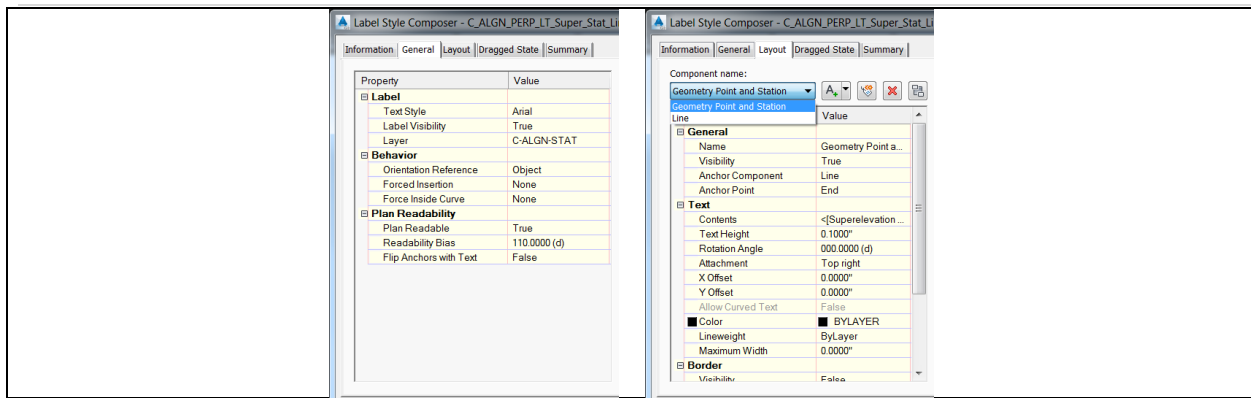
Station

Property	Value
Name	Station
Visibility	True
Anchor Component	Line
Anchor Point	Start
Text	
Contents	STA <[Station Val...]
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Bottom left
X Offset	0.2000"
Y Offset	0.0250"
Allow Curved Text	False
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False

Station: Superelevation Critical Points (1)

Name: C_ALGN_PERP_LT_Super_Stat_Line
(USACE)
Description: Proposed Superelevation Critical Point

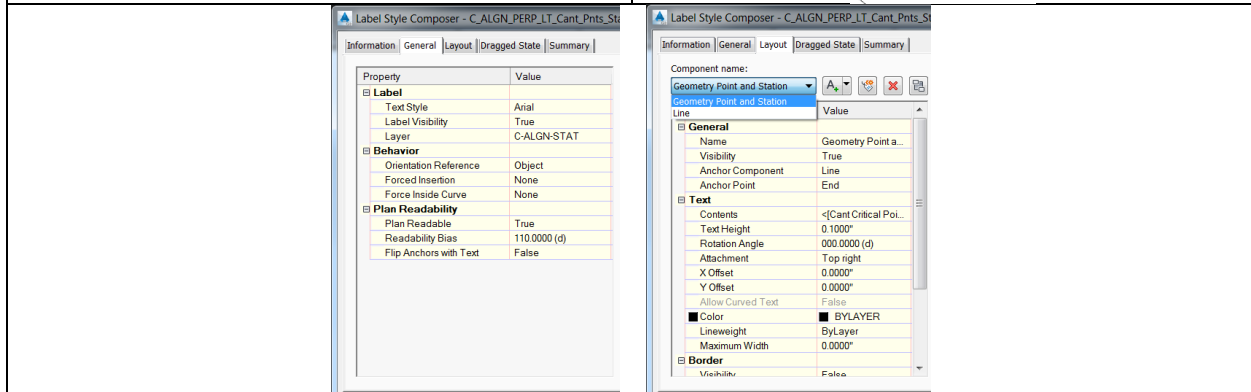
LC: 0+59.73



Station: Cant Critical Points (1)

Name: C_ALGN_PERP_LT_Cant_Pnts_Stat (USACE)
Description: PROPOSED CANT POINT

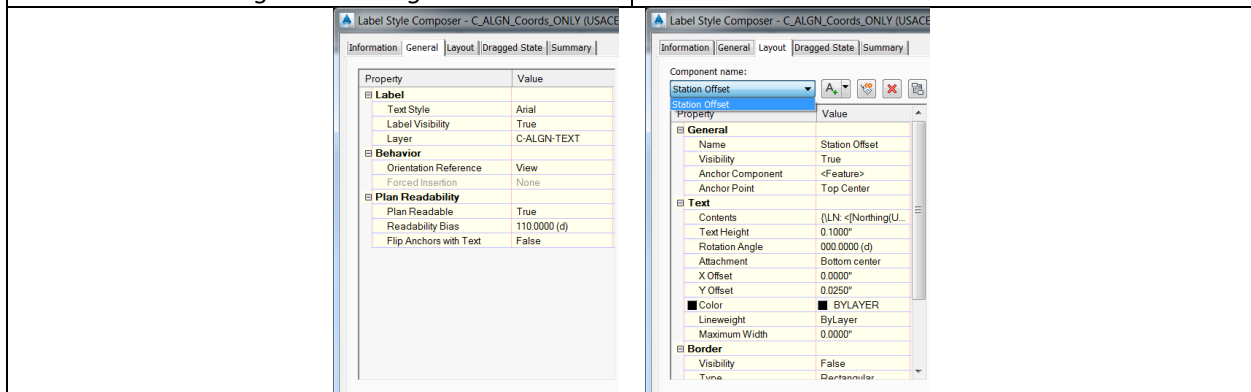
ELR: 0+74.05



Alignment STATION OFFSET Label Styles (8)

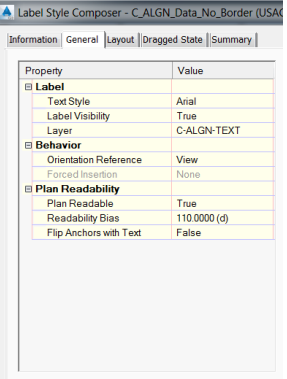
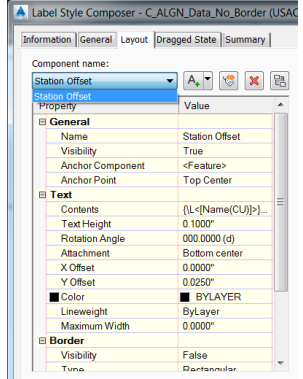
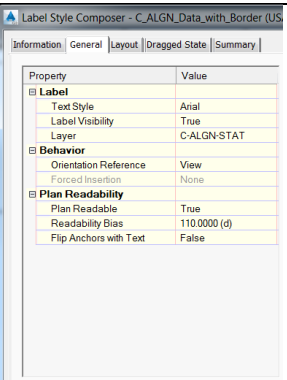
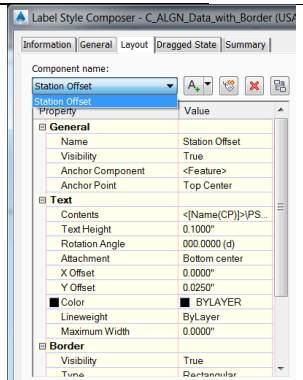
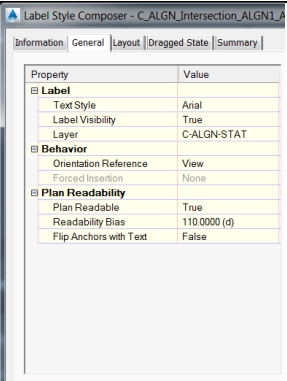
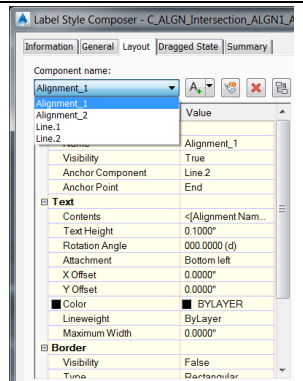
Name: C_ALGN_Coords_ONLY (USACE)
Description: PROPOSED
 Northing over Easting with Line

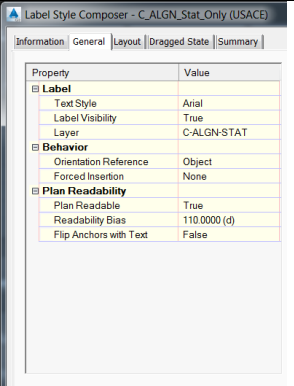
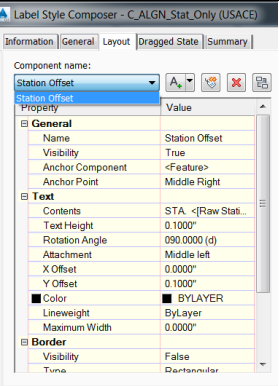
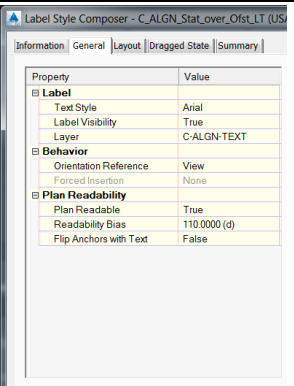
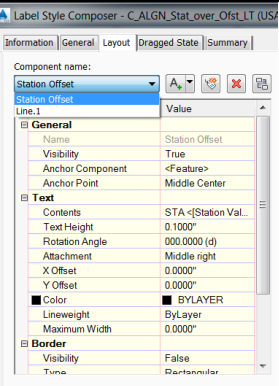
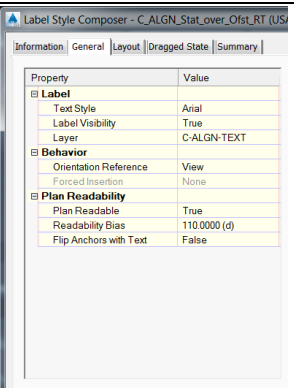
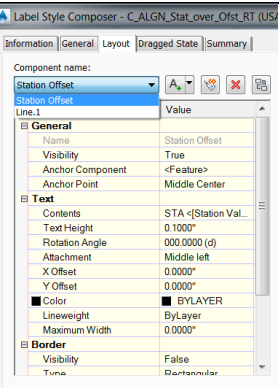
N: 160.01
 E: 130.35

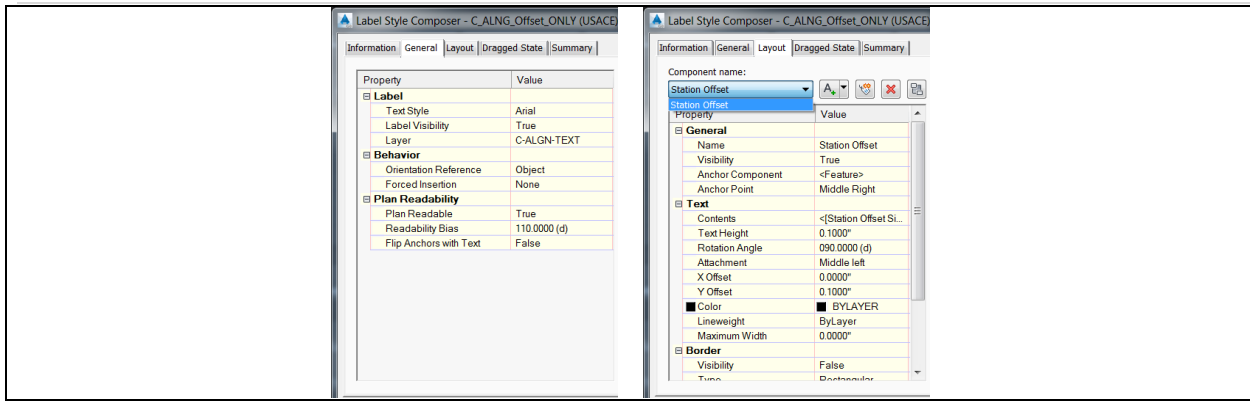


Name: C_ALGN_Data_No_Border (USACE)
Description: PROPOSED
 Data - NO Border

ALIGNMENT - (1)
 STA. 1+29.60
 OFF. -33.97 (L)
 N: 160.01
 E: 130.35

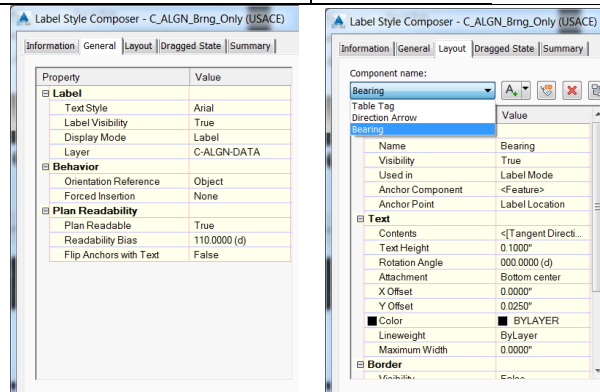
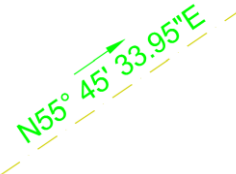
		
<p>Name: C_ALGN_Data_with_Border (USACE) Description: PROPOSED Data with Border</p>	<p>Alignment - (1) STA: 1+29.60 OFF: -33.974 N: 160.0139 E: 130.3508</p>	
		
<p>Name: C_ALGN_Intersection_ALGN1_ALGN2 (USACE) Description: PROPOSED Name Alignment 1 Station Name Alignment 2 Station</p>	<p>EXIST ROAD STA. 1+51.54 EXIST ROAD STA. 1+51.54</p>	
		
<p>Name: C_ALGN_Stat_Only_PERP (USACE) Description: PROPOSED Station - Perpendicular</p>	<p>STA. 1+29.60</p>	

	
<p>Name: C_ALGN_Stat_over_Ofst_LT (USACE) Description: PROPOSED LEFT - Station over Offset with line</p>	<p>STA 1+29.60 L -33.97</p>
	
<p>Name: C_ALGN_Stat_over_Ofst_RT (USACE) Description: PROPOSED RIGHT - Station over Offset with Line</p>	<p>STA 1+29.60 L -33.97</p>
	
<p>Name: C_ALNG_Offset_Only_PERP (USACE) Description: PROPOSED Offset (side) - Perpendicular</p>	<p>R 88.80 L -33.97</p>

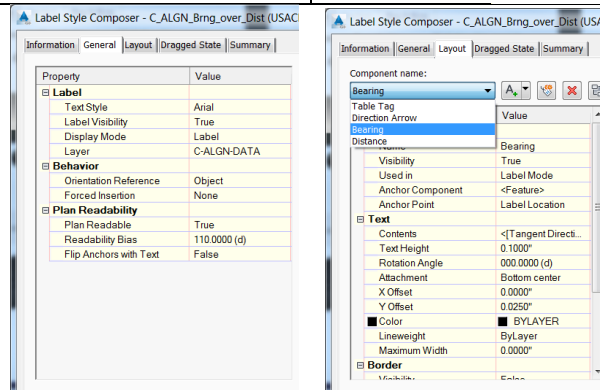
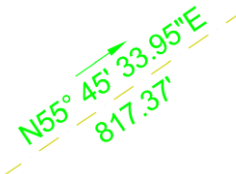


Alignment LINE Label Styles (10)

Name: C_ALGN_Brng_Only (USACE)
Description: Proposed Bearing Only

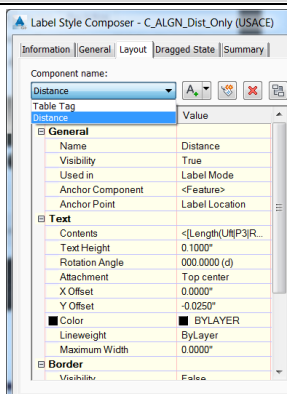
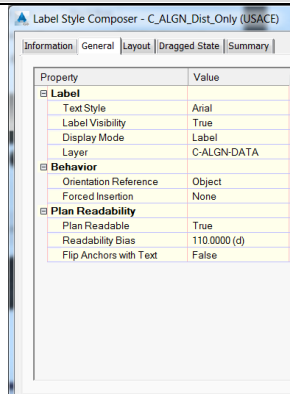


Name: C_ALGN_Brng_over_Dist (USACE)
Description: Proposed Bearing over Distance



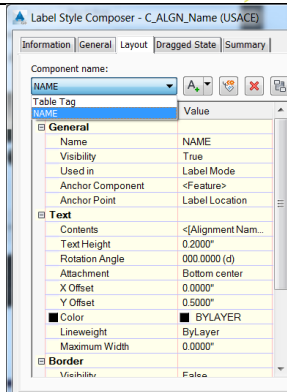
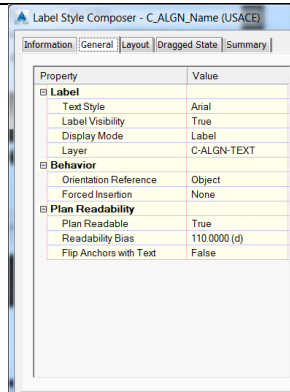
Name: C_ALGN_Dist_Only (USACE)
Description: Proposed Distance Only

817.365'



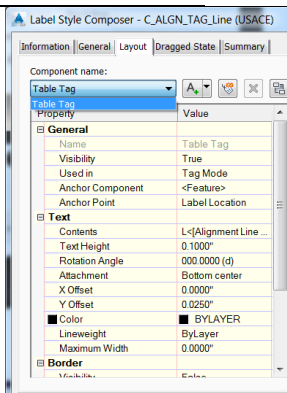
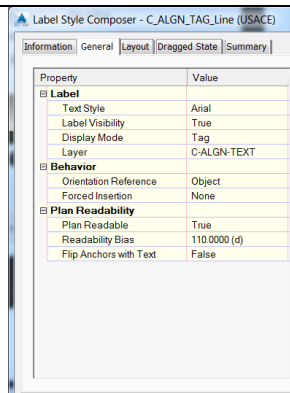
Name: C_ALGN_Name (USACE)
Description: Proposed ALIGNMENT Name (.2)

SR 101



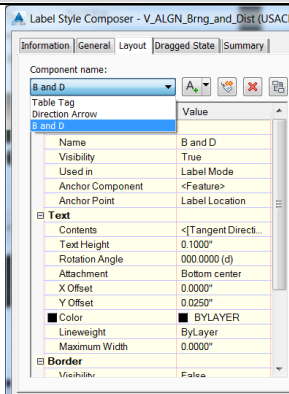
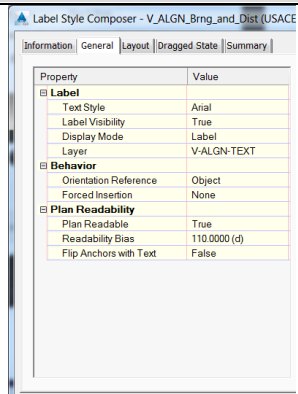
Name: C_ALGN_TAG_Line (USACE)
Description: Proposed T A G
 Use this to create Tables

L17



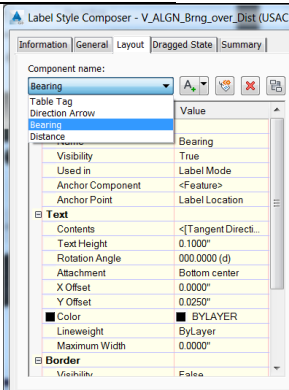
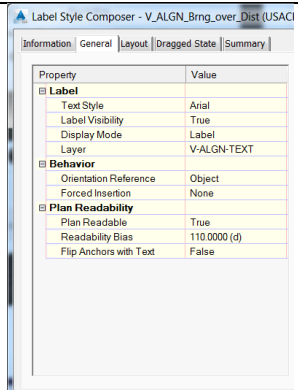
Name: V_ALGN_Brng_and_Dist (USACE)
Description: Existing
 Bearing and Distance

N55° 45' 33.95"E 817.37'



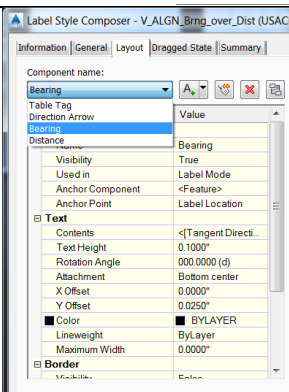
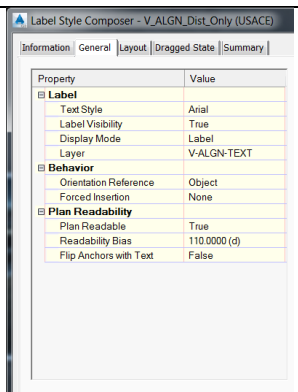
Name: V_ALGN_Brng_over_Dist (USACE)
Description: Existing
 Bearing over Distance

N55° 45' 33.95"E
 817.37'



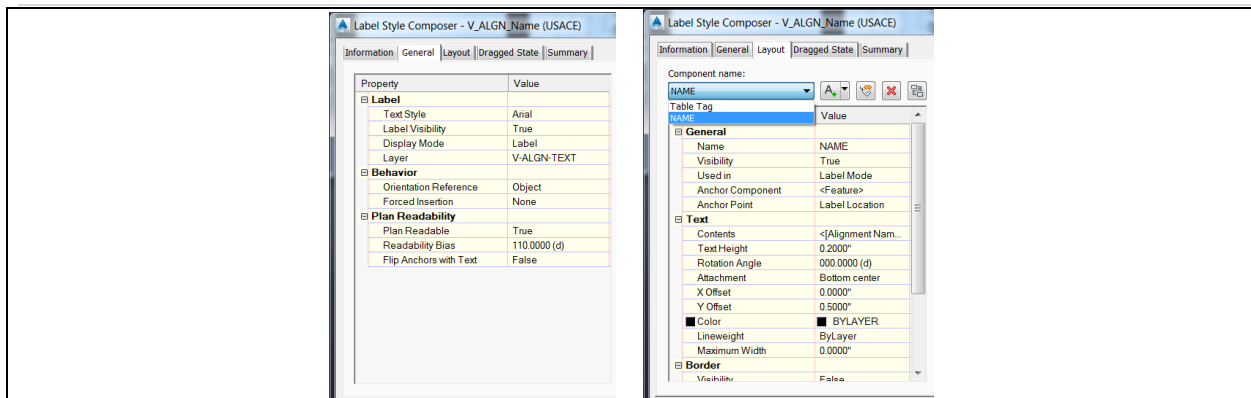
Name: V_ALGN_Dist_Only (USACE)
Description: Existing
 Distance ONLY

817.37'



Name: V_ALGN_Name (USACE)
Description: Existing
 ALIGNMENT Name (.2)

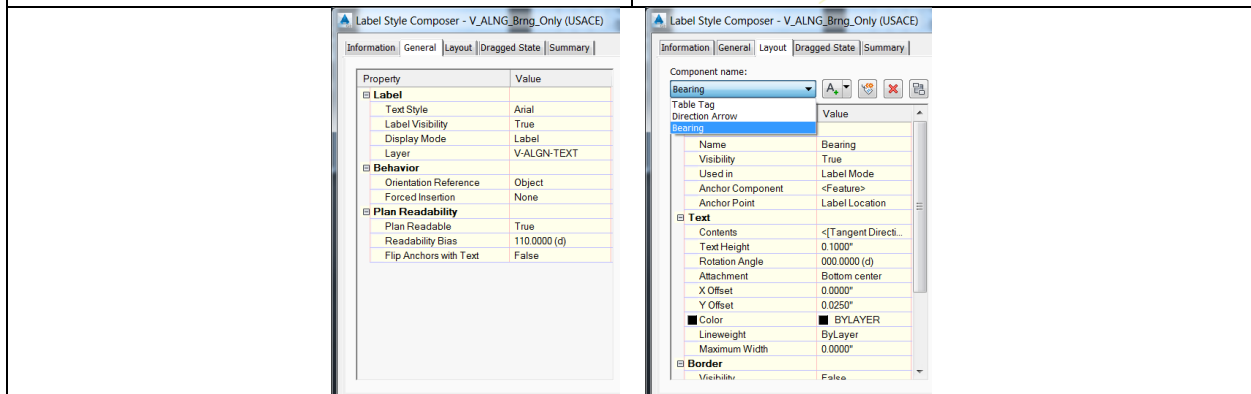
SR 101



Name: V_ALGN_Brng_Only (USACE)

Description: Existing
Bearing ONLY

N55° 45' 33.95"E

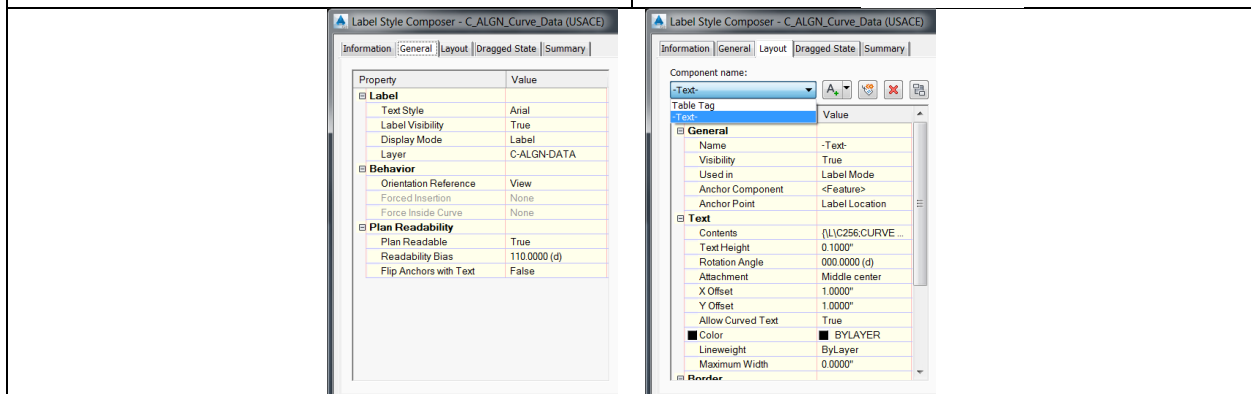


Alignment CURVE Label Styles (13)

Name: C_ALGN_Curve_Data (USACE)

Description: Proposed
Delta Degree of Curvature Tangent Length Radius

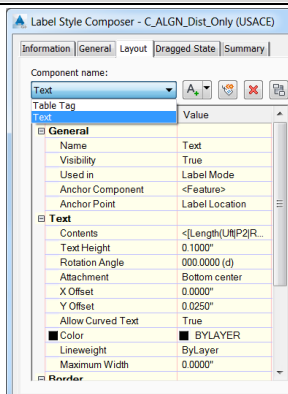
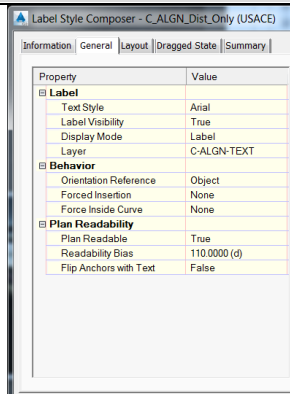
CURVE DATA
Δ= 69°22'44"
D= 028°38'52"
T= 227.65'
L= 242.18'
R= 200.0'



Name: C_ALGN_Dist_Only (USACE) XX

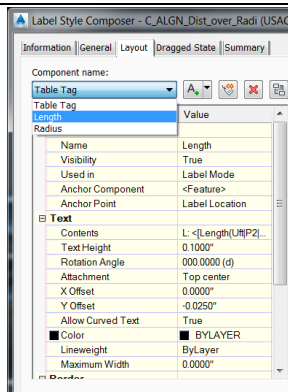
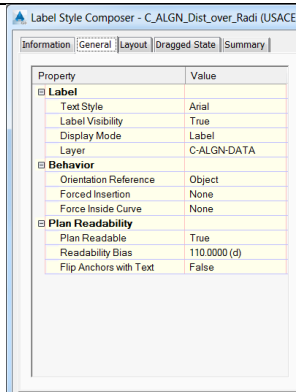
Description: Proposed
Length Only

49.37'



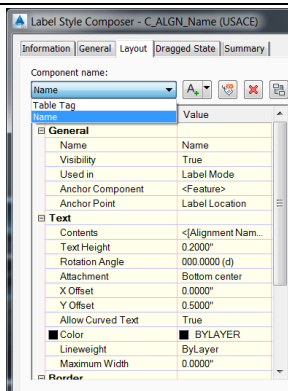
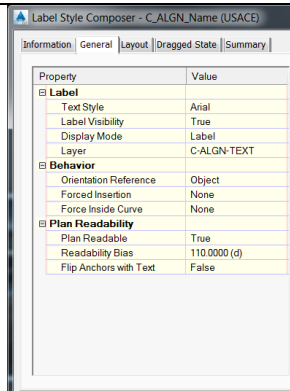
Name: C_ALGN_Dist_over_Radi (USACE)
Description: Proposed
 Length over Radius

R: 350.00'
 L: 49.37'



Name: C_ALGN_Name (USACE)
Description: Proposed
 ALIGNMENT Name (.2)

ALIGNMENT - (1)



Name: C_ALGN_Radi_Only (USACE)
Description: Proposed
 Radius NO Decimal

R=350.00'

Label Style Composer - C_ALGN_Radi_Only (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Display Mode	Label
Layer	C-ALGN-TEXT
Behavior	
Orientation Reference	Object
Forced Insertion	None
Force Inside Curve	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_ALGN_Radi_Only (USACE)

Information | General | Layout | Dragged State | Summary

Component name: Text

Table Tag	Value
General	
Name	Text
Visibility	True
Used in	Label Mode
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	R=<Radius(U&P...
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Top center
X Offset	0.0000"
Y Offset	-0.0250"
Allow Curved Text	True
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"

Name: C_ALGN_Radi_with_Line (USACE)
Description: Proposed
 Radius with Line



Label Style Composer - C_ALGN_Radi_with_Line (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Display Mode	Label
Layer	C-ALGN-TEXT
Behavior	
Orientation Reference	Object
Forced Insertion	None
Force Inside Curve	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_ALGN_Radi_with_Line (USACE)

Information | General | Layout | Dragged State | Summary

Component name: Radius

Table Tag	Value
General	
Name	Radius
Visibility	True
Used in	Label Mode
Anchor Component	Line
Anchor Point	Middle
Text	
Contents	R <[Radius(U&P...
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Top center
X Offset	0.0000"
Y Offset	-0.0250"
Allow Curved Text	True
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"

Name: C_ALGN_TAG_Curve (USACE)
Description: Proposed T A G
 Use this to create Tables



Label Style Composer - C_ALGN_TAG_Curve (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Display Mode	Tag
Layer	C-ALGN-TEXT
Behavior	
Orientation Reference	Object
Forced Insertion	None
Force Inside Curve	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

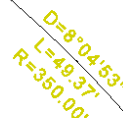
Label Style Composer - C_ALGN_TAG_Curve (USACE)

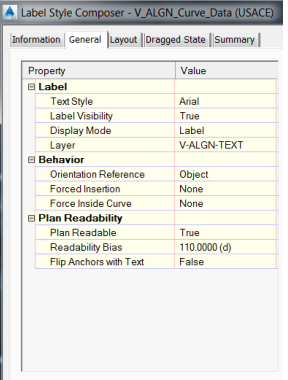
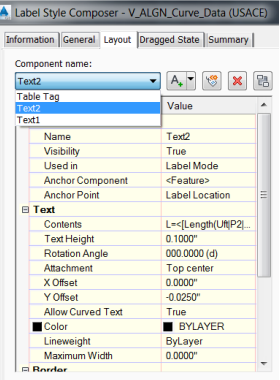
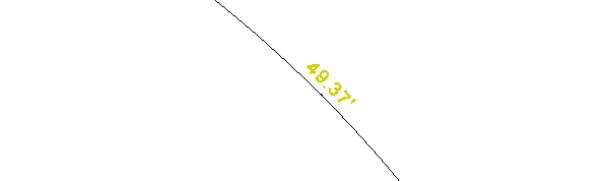
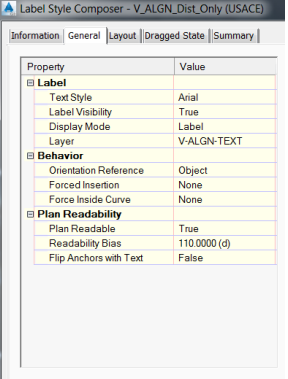
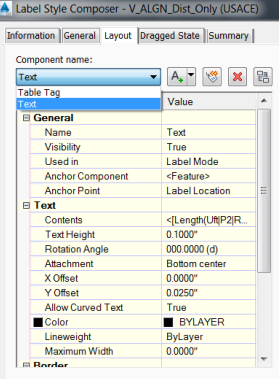

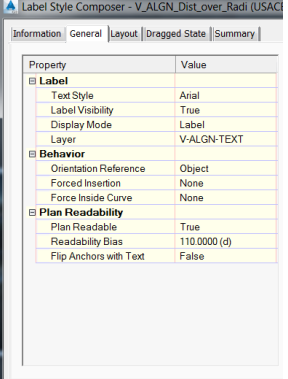
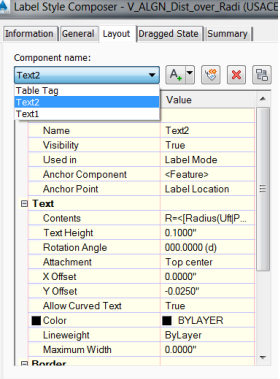

Information | General | Layout | Dragged State | Summary

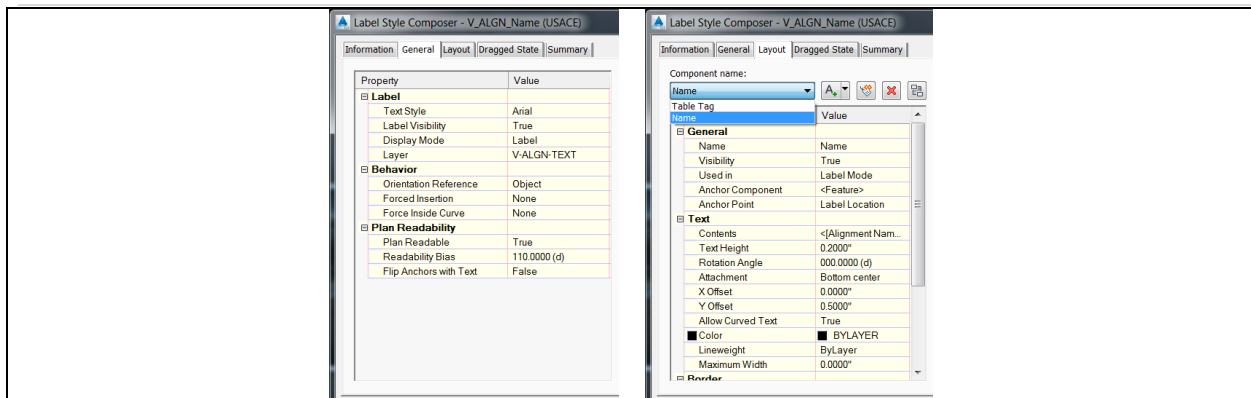
Component name: Table Tag

Table Tag	Value
General	
Name	Table Tag
Visibility	True
Used in	Tag Mode
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	C<Alignment Cur...
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Bottom center
X Offset	0.0000"
Y Offset	0.0250"
Allow Curved Text	False
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"

Name: V_ALGN_Curve_Data (USACE)
Description: Existing
 Delta Length Radius



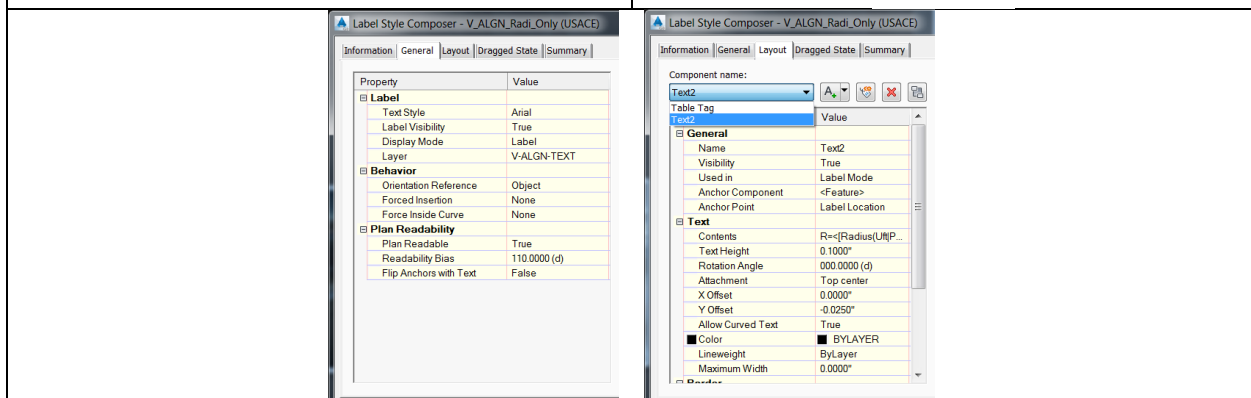
	
<p>Name: V_ALGN_Dist_Only (USACE) Description: Existing Length</p>	
	
<p>Name: V_ALGN_Dist_over_Radi (USACE) Description: Existing Length over Radius</p>	
	
<p>Name: V_ALGN_Name (USACE) Description: Existing ALIGNMENT Name (.2)</p>	



Name: V_ALGN_Radi_Only (USACE)

Description: Existing
Radius NO Decimal

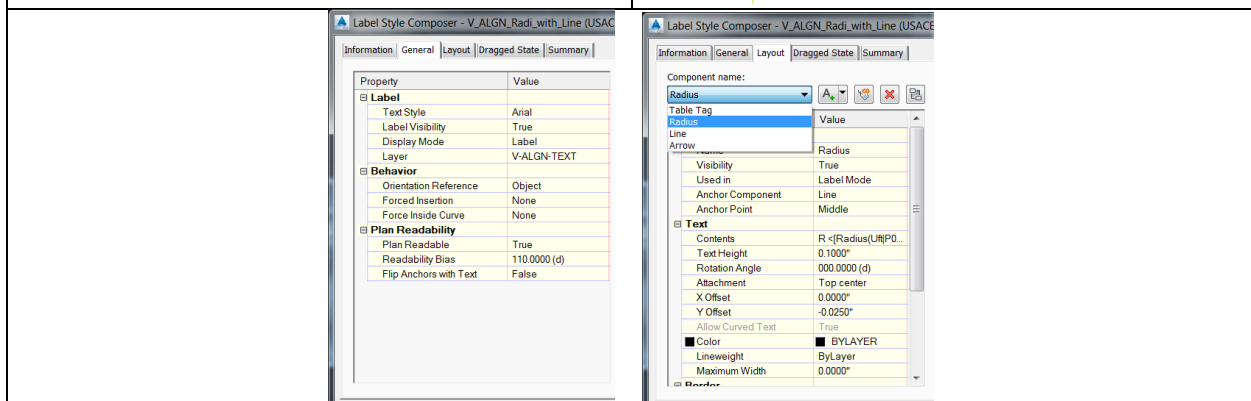
R=350.00'



Name: V_ALGN_Radi_with_Line (USACE)

Description: Existing
Radius with Line

R 200'



Alignment SPIRAL Label Styles (0)

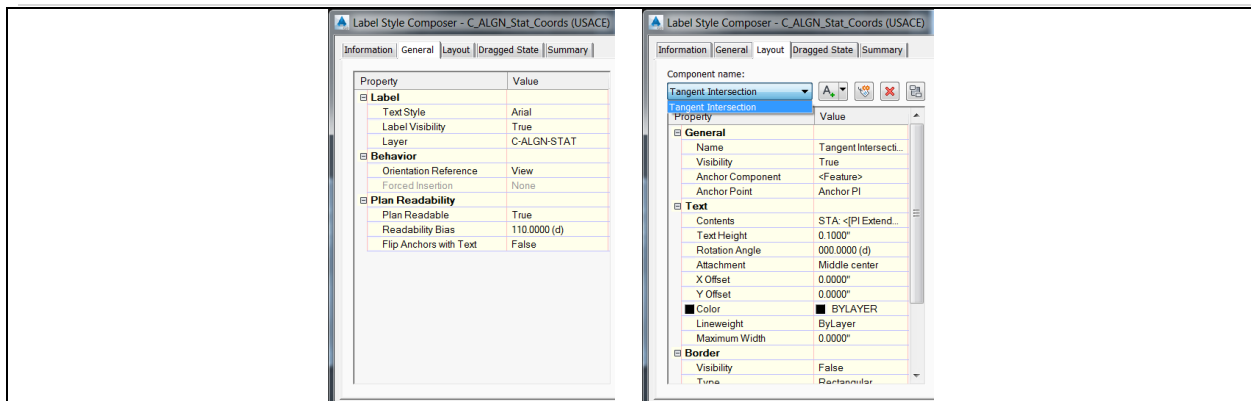
< NONE >

Alignment TANGENT INTERSECTION Label Styles (1)

Name: C_ALGN_Stat_Coords (USACE)

Description: Proposed Station & Coords

STA: 1+49.11
N: 124.2915
E: 124.2915



Alignment POINT OF INTERSECTION Label Styles (6)

Name: C_ALGN_Horiz_PI_Curve_Data_Complex (USACE)

Description: Proposed

#

Sta

Radius

CURVE #: 2

CURVE PI EXT STA: 1+48.44

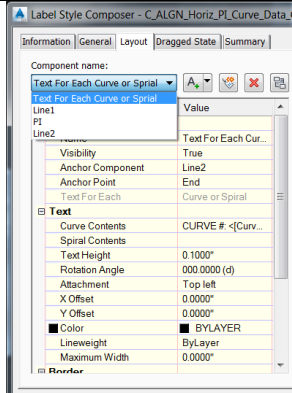
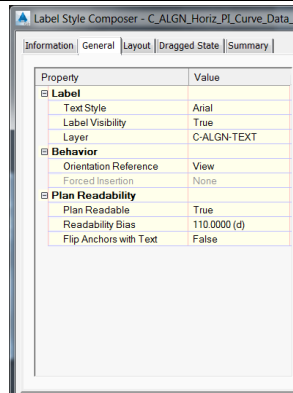
RADIUS: 140.00'

CURVE ST DIRECTION: S65° 03' 12.68"E

CURVE PI INCLUDE ANGLE: 162°48'41"

CURVE DELTA ANGLE: 017°11'19"

CURVE CHORD LENGTH: 41.84'



Name: C_ALGN_Horiz_PI_Curve_Data_Simple (USACE)

Description: C_ALGN_Horiz_PI_Curve_Data_Simple (USACE)

Spiral 2: Radius in=70.000, Radius out=140.000, Length=28

Curve #2

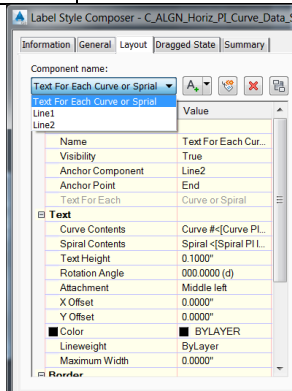
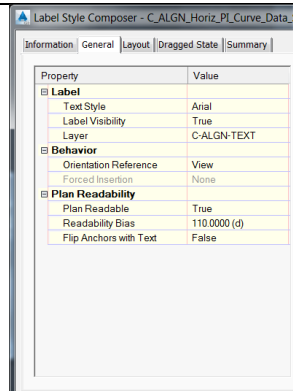
R: 140.00'

L: 42.00'

D: 162°48'41"

N: 195.8100

E: 129.1158

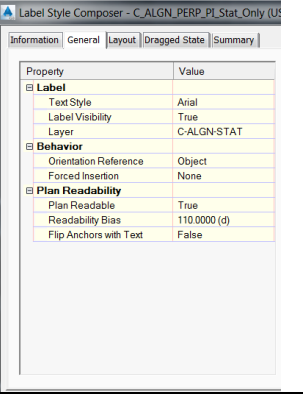
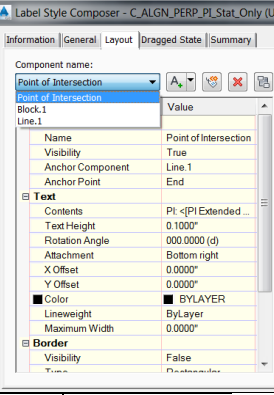

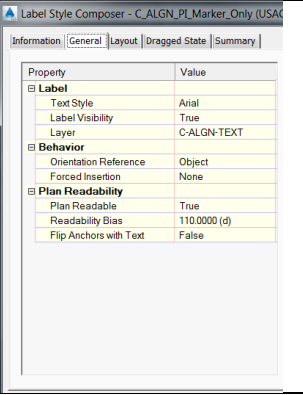
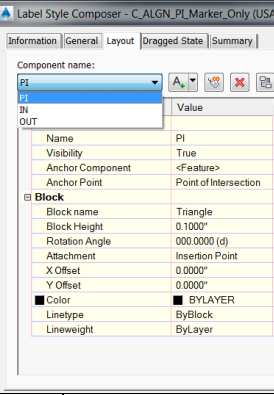
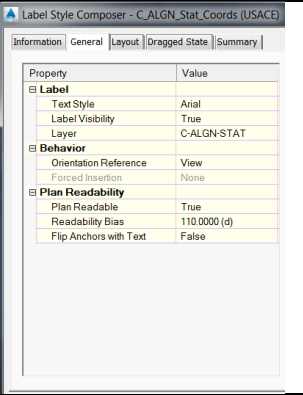
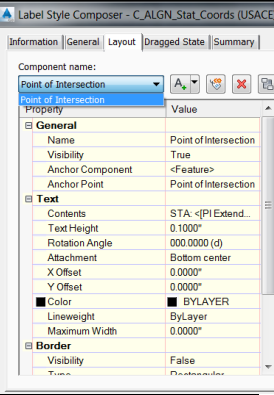



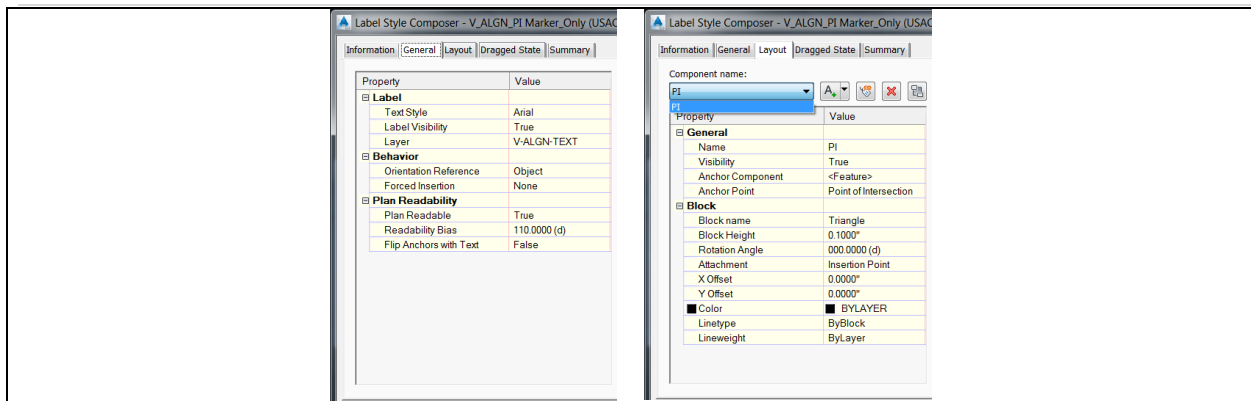
Name: C_ALGN_PERP_PI_Stat_Only (USACE)

Description: Proposed

Station with Line

PI: 1+12.00

			
<p>Name: C_ALGN_PI_Marker_Only (USACE) Description: Proposed Point of Intersection [Δ] with Lines</p>			
			
<p>Name: C_ALGN_Stat_Coords (USACE) Description: Proposed Station with Coordinates</p>		<p>STA: 1+12.00 N: 195.6100 E: 129.1158</p>	
			
<p>Name: V_ALGN_PI_Marker_Only (USACE) Description: Existing Point of Intersection [Δ] NO lines</p>			



Alignment TABLE Styles

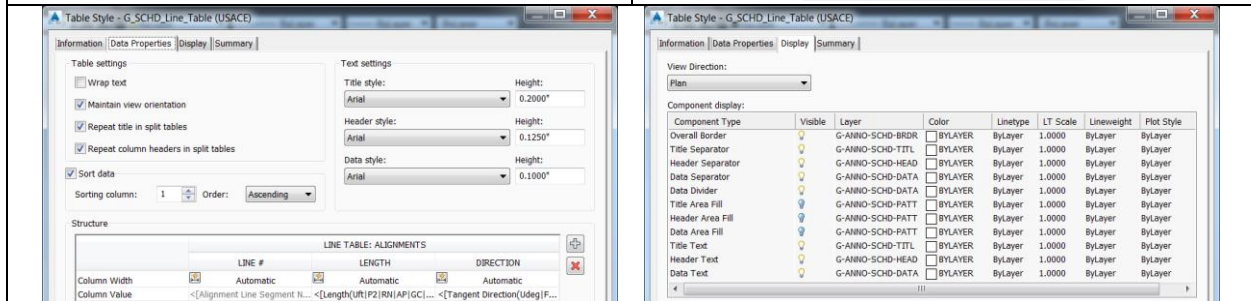
LINE (1)

Name: G_SCHD_Line_Table (USACE)

Description: Tag | Length | Direction

LINE TABLE: ALIGNMENTS

LINE #	LENGTH	DIRECTION
L17	817.37'	N55° 45' 33.95"E
L18	632.85'	S56° 06' 30.03"E
L19	649.19'	N54° 30' 45.98"E



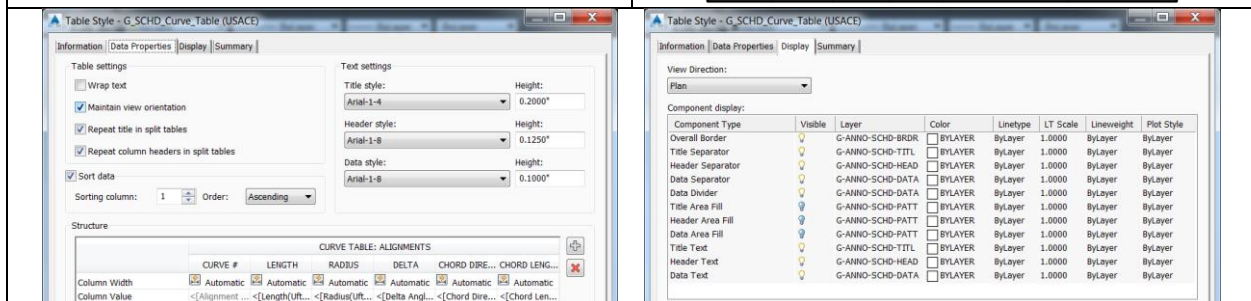
CURVE (1)

Name: G_SCHD_Curve_Table (USACE)

Description: TAG | Length | Radius | Delta | Chd Direction | Chd Length

CURVE TABLE: ALIGNMENTS

CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C13	254.58'	200.00'	72°55'55"	N55° 04' 22.53"E	237.74'
C14	242.18'	200.00'	69°22'44"	N56° 50' 58.21"E	227.65'
C15	254.58'	200.00'	72°55'55"	N55° 04' 22.53"E	237.74'



SPIRAL (0)

< NONE >

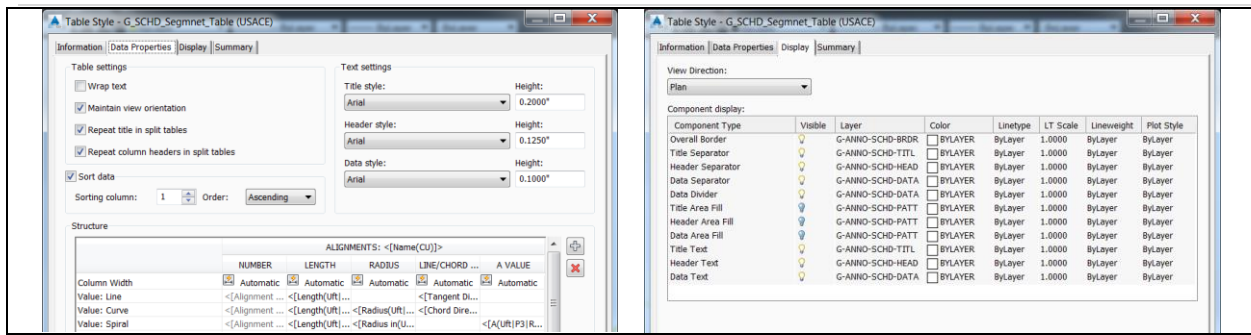
SEGMENT (1)

Name: G_SCHD_Segmnet_Table (USACE)

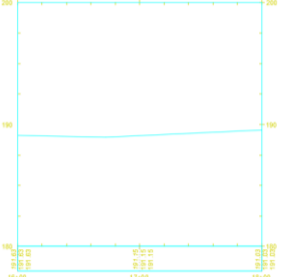
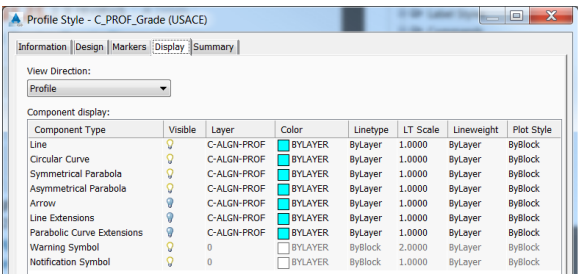
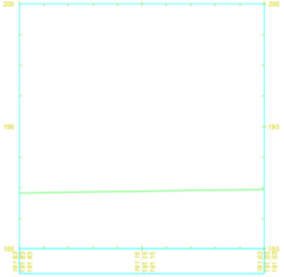
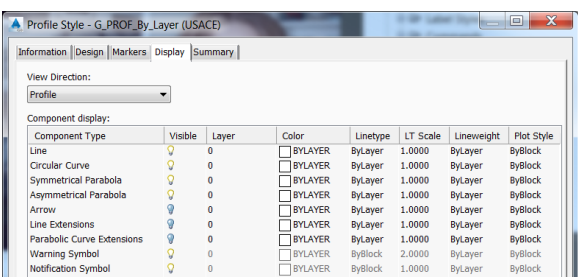
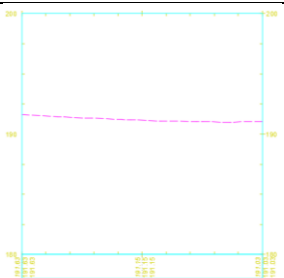
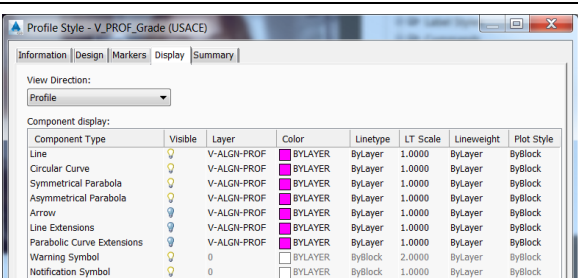
Description: TAG | L | R | D | A

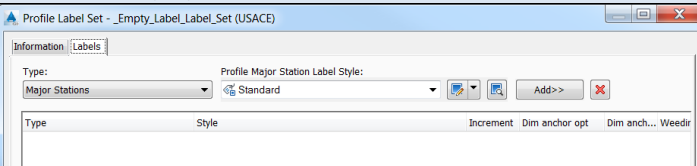
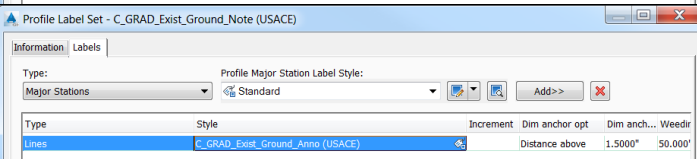
ALIGNMENTS: SR 101

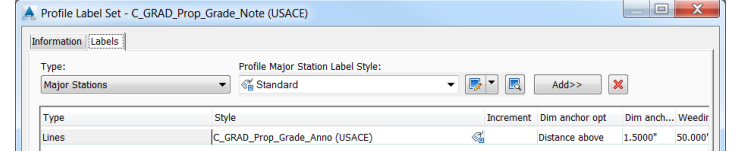
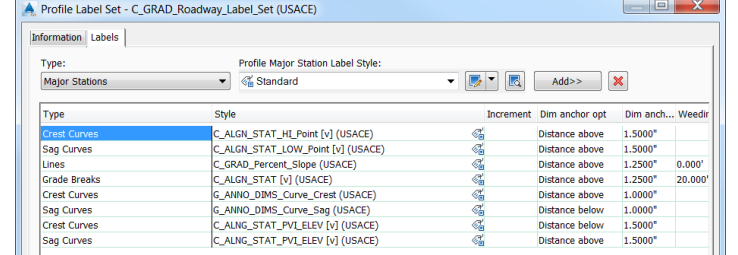
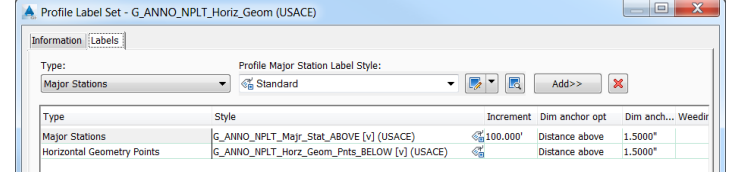
NUMBER	LENGTH	RADIUS	LINE/CHORD DIRECTION	A VALUE
C18	237.83'	200.00'	N89° 49' 31.96"E	
L17	817.37'		N55° 45' 33.95"E	

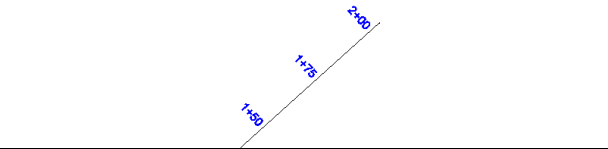
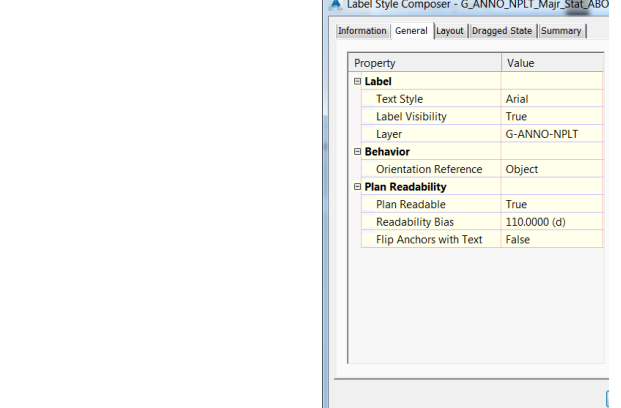
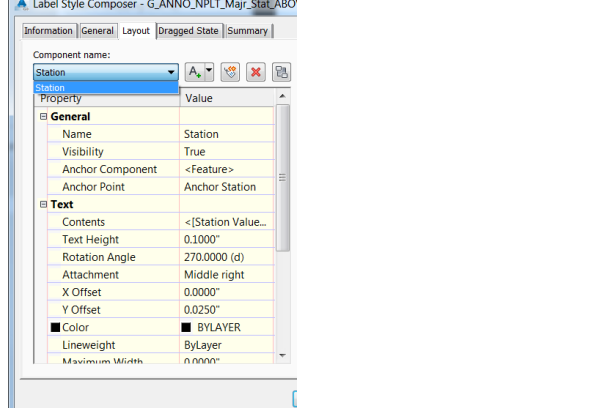


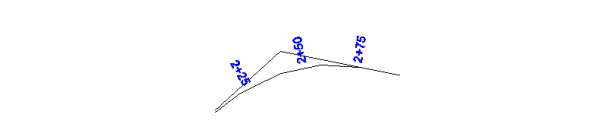
1.9 Profile

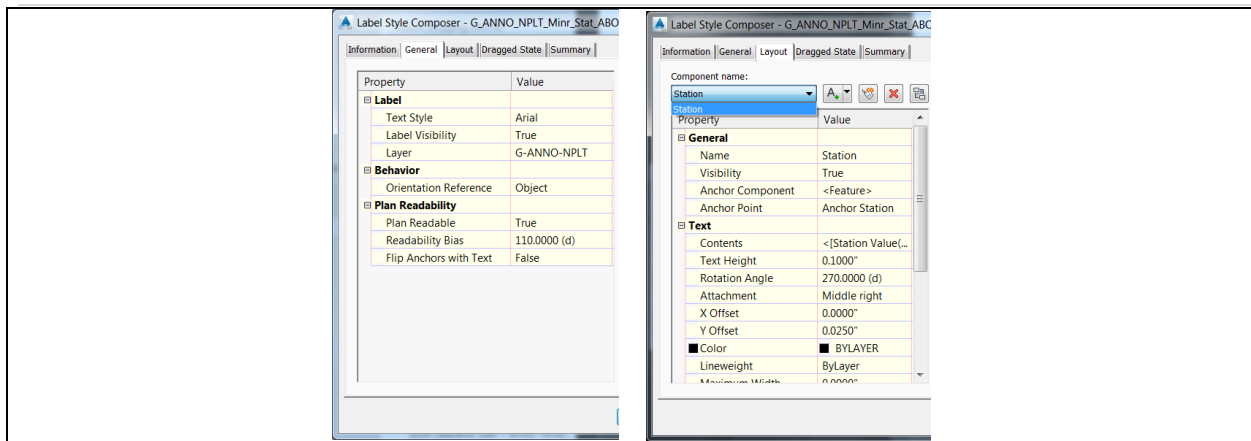
PROFILE	
Object Styles (3)	
Name: C_PROF_Grade (USACE) Description: Finished Grade	 
Name: G_PROF_By_Layer (USACE) Description: Object will take on the Properties of the Host Layer.	 
Name: V_PROF_Grade (USACE) Description: Existing Ground	 

Profile LABEL Styles	
Label Sets (5)	
Name: _Empty_Label_Label_Set (USACE) Description: No Labels	
Name: C_GRAD_Exist_Ground_Note (USACE) Description: "Existing Ground" note added along Profile line	

<p>Name: C_GRAD_Prop_Grade_Note (USACE)</p> <p>Description: "Proposed Ground" note added along Profile line</p>	
<p>Name: C_GRAD_Roadway_Label_Set (USACE)</p> <p>Description: MULTI LABEL: Grades Curves HI/LO Points PVI's</p>	
<p>Name: G_ANNO_NPLT_Horiz_Geom (USACE)</p> <p>Description: NO PLOT: Major Horiz Geo Points</p>	

Station: Major Station (1)	
<p>Name: G_ANNO_NPLT_Majr_Stat_ABOVE [v] (USACE)</p> <p>Description: Vertical: Vertical No Plot</p>	
	

Station: Minor Station (1)	
<p>Name: G_ANNO_NPLT_Minr_Stat_ABOVE [v] (USACE)</p> <p>Description: Vertical: Vertical No Plot</p>	



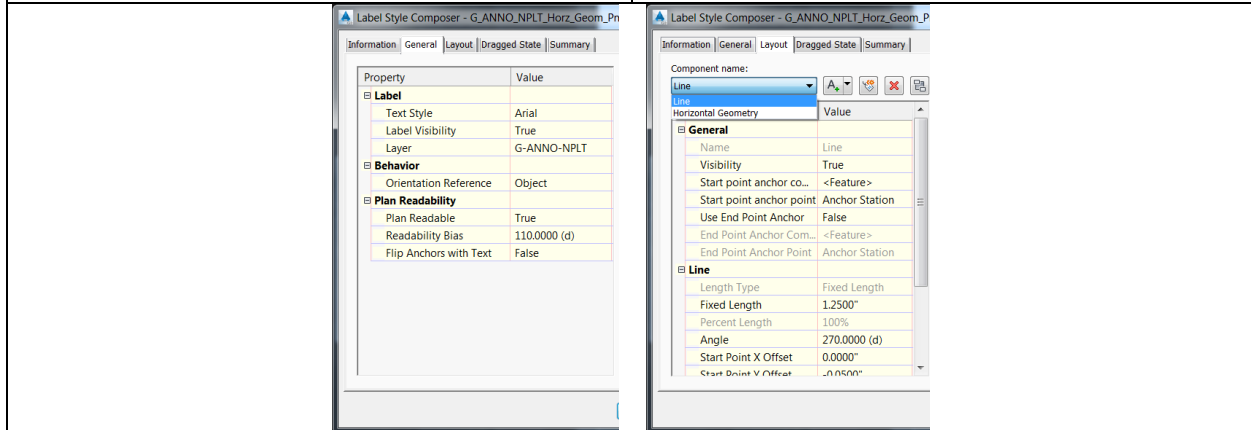
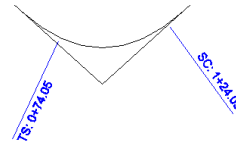
Station: Horizontal Geometry Point Label Style (1)

Name:

*G_ANNO_NPLT_Horz_Geom_Pnts_BELOW [v]
(USACE)*

Description: Vertical:

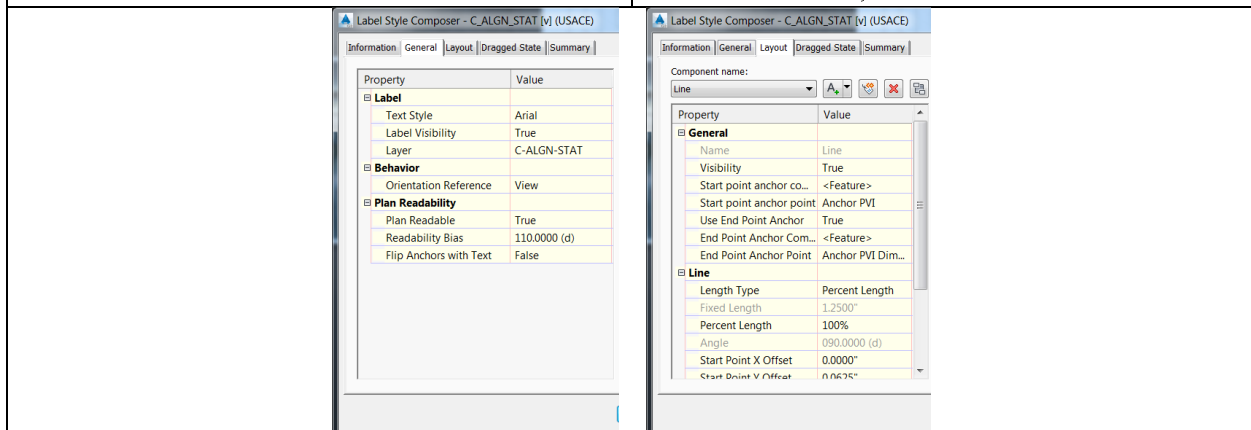
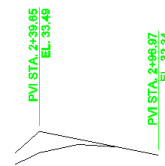
Geometry Point Name & Station



Profile GRADE BREAKS Label Style (1)

Name: *C_ALGN_STAT [v] (USACE)*

Description: *Station over Elevation [VERTICAL]*



Profile LINE Label Style (4)

Name: C_GRAD_Exist_Ground_Anno (USACE)
Description: "Existing Ground" note

EXISTING GROUND

Label Style Composer - C_GRAD_Exist_Ground_Anno (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-GRAD-IDEN
Behavior	
Orientation Reference	Object
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_GRAD_Exist_Ground_Anno (USACE)

Information | General | Layout | Dragged State | Summary

Component name: Grade

Property	Value
General	
Name	Grade
Visibility	True
Anchor Component	<Feature>
Anchor Point	Anchor Tangent...
Text	
Contents	EXISTING GROU...
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Bottom center
X Offset	0.0000"
Y Offset	0.0250"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	n.nnnn"

Name: C_GRAD_Percent (USACE)
Description: Proposed Grade (%)

9.00%

Label Style Composer - C_GRAD_Percent_Slope (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-GRAD-IDEN
Behavior	
Orientation Reference	Object
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_GRAD_Percent_Slope (USACE)

Information | General | Layout | Dragged State | Summary

Component name: Grade

Property	Value
General	
Name	Grade
Visibility	True
Anchor Component	<Feature>
Anchor Point	Anchor Tangent...
Text	
Contents	<Tangent Grad...
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Bottom center
X Offset	0.0000"
Y Offset	0.0250"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	n.nnnn"

Name: C_GRAD_Prop_Grade_Anno (USACE)
Description: "Proposed Grade" note

PROPOSED GRADE

Label Style Composer - C_GRAD_Prop_Grade_Anno (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-GRAD-IDEN
Behavior	
Orientation Reference	Object
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_GRAD_Prop_Grade_Anno (USACE)

Information | General | Layout | Dragged State | Summary

Component name: Text

Property	Value
General	
Name	Text
Visibility	True
Anchor Component	<Feature>
Anchor Point	Anchor Tangent...
Text	
Contents	PROPOSED GRA...
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Bottom center
X Offset	0.0000"
Y Offset	0.0250"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	n.nnnn"

Name: C_GRAD_Slope (USACE)
Description: Proposed Slope (X:1)

1:1

Label Style Composer - C_GRAD_Slope (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-GRAD-IDEN
Behavior	
Orientation Reference	Object
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_GRAD_Slope (USACE)

Information | General | Layout | Dragged State | Summary

Component name:

Slope

Property	Value
General	
Name	Slope
Visibility	True
Anchor Component	<Feature>
Anchor Point	Anchor Tangent...
Text	
Contents	<Tangent Grad...
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Bottom center
X Offset	0.0000"
Y Offset	0.0250"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"

Profile CURVE Label Style (5)

Name: C_ALGN_STAT_HI_Point [v] (USACE)
Description: PROPOSED
 Station over Elevation
 [VERTICAL]

HI STA. 2+63.52
 EL. = 32.873

Label Style Composer - C_ALGN_STAT_HI_Point [v] (USA

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-ALGN-STAT
Behavior	
Orientation Reference	View
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_ALGN_STAT_HI_Point [v] (USA

Information | General | Layout | Dragged State | Summary

Component name:

TEXT

Line	Value
Line.1	TEXT
Line.2	
Block.1	

Property	Value
General	
Name	TEXT
Visibility	True
Anchor Component	Line.1
Anchor Point	End
Text	
Contents	HI STA. <[High ...
Text Height	0.1000"
Rotation Angle	090.0000 (d)
Attachment	Middle right
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"

Name: C_ALGN_STAT_LOW_Point [v] (USACE)
Description: PROPOSED
 Station over Elevation

LO STA. 0+93.68
 EL. 22.036

Label Style Composer - C_ALGN_STAT_LOW_Point [v] (U

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-ALGN-STAT
Behavior	
Orientation Reference	View
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_ALGN_STAT_LOW_Point [v] (U

Information | General | Layout | Dragged State | Summary

Component name:

TEXT

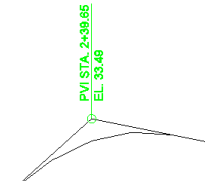
Line	Value
Line.1	TEXT
Line.2	
Block.1	

Property	Value
General	
Name	TEXT
Visibility	True
Anchor Component	Line.1
Anchor Point	End
Text	
Contents	LO STA. <[Low ...
Text Height	0.1000"
Rotation Angle	090.0000 (d)
Attachment	Middle right
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"

Name: C_ALNG_STAT_PVI_ELEV [v] (USACE)

Description: PROPOSED

PVI Sta & Elev
In & Out Lines
[VERTICAL]



Label Style Composer - C_ALNG_STAT_PVI_ELEV [v] (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-ALGN-STAT
Behavior	
Orientation Reference	View
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_ALNG_STAT_PVI_ELEV [v] (USACE)

Information | General | Layout | Dragged State | Summary

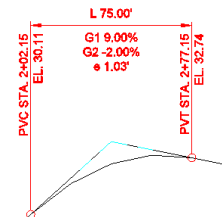
Component name: PVI Line

Property	Value
Line	
Length Type	Percent Length
Fixed Length	1.2500"
Percent Length	100%
Angle	270.0000 (d)
Start Point X Offset	0.0000"
Start Point Y Offset	0.0000"

Name: G_ANNO_DIMS_Curve_Crest (USACE)

Description: PROPOSED

Length Grade In & Out
Begin/End Stat & Elev



Label Style Composer - G_ANNO_DIMS_Curve_Crest (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	G-ANNO-DIMS
Behavior	
Orientation Reference	View
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - G_ANNO_DIMS_Curve_Crest (USACE)

Information | General | Layout | Dragged State | Summary

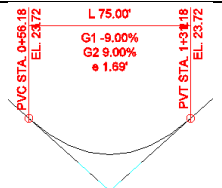
Component name: Dimension Line

Property	Value
Line	
Length Type	Percent Length
Fixed Length	1.0000"
Percent Length	100%
Angle	000.0000 (d)
Start Point X Offset	0.0000"
Start Point Y Offset	0.0000"

Name: G_ANNO_DIMS_Curve_Sag (USACE)

Description: PROPOSED

Length Grade In & Out
Begin/End Stat & Elev



Label Style Composer - G_ANNO_DIMS_Curve_Sag (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	G-ANNO-DIMS
Behavior	
Orientation Reference	View
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - G_ANNO_DIMS_Curve_Sag (USACE)

Information | General | Layout | Dragged State | Summary

Component name: Dimension Line

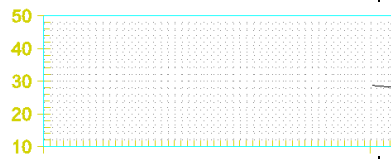
Property	Value
Line	
Length Type	Percent Length
Fixed Length	1.0000"
Percent Length	100%
Angle	000.0000 (d)
Start Point X Offset	0.0000"
Start Point Y Offset	0.0000"

1.10 Profile View

PROFILE VIEW

Object Style ()

Name: C_GRID [L-R] Majr_Minr_H100_2_V10_2_FULL_x1 (USACE)
Description: FULL Major & Minor Elev Outside - x1 Vertical
H: 100 & 2
V: 10 & 2
****Must Use Band****



Profile View Style - C_GRID [L-R] Majr_Minr_H100_2_V10_2_FULL_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Vertical scale:
Vertical scale: 1" = 40'
Current horizontal scale: 40
Vertical exaggeration: 1.000
Custom scale: 40.000
(From drawing settings) (= horizontal / vertical scale)

Profile view direction:
Left to right (selected) Right to left

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_2_V10_2_FULL_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Grid options:
Clip vertical grid (selected)
Clip horizontal grid (selected)
Clip to highest profile(s) (selected)
Omit grid in padding areas (selected)
Omit grid in padding areas (selected)

Grid padding (major grids):
Above maximum elevation: 1.000
To left: 1.000 To right: 1.000
Below datum: 1.000

Axis offset (plotted units):
Above maximum elevation: 0.0000"
To left: 0.0000" To right: 0.0000"
Below datum: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_2_V10_2_FULL_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
Top (selected) Bottom
Tick and label start station (checked)

Major tick details:
Interval: 100.00' Tick size: 0.1000"
Tick Justification: Center Text height: 0.1000"
Tick label text: <[Station Value(Url)(FS)(P0)]>
Text style: Arial Rotation: 000.0000 (d)
X offset: 0.0000" Y offset: -0.0500"

Minor tick details:
Interval: 2.00' Tick size: 0.0500"
Tick Justification: Bottom Text height: 0.1000"
Tick label text: <[Station Value(Url)(FS)(P2)]>
Text style: Arial Rotation: 000.0000 (d)
X offset: 0.0000" Y offset: -0.0500"

Horizontal geometry tick details:
Interval: 2.00' Tick size: 0.0500"
Tick Justification: Center Text height: 0.1000"
Tick label text: <[Station Value(Url)(FS)(P0)]>
Text style: Arial Rotation: 000.0000 (d)
X offset: 0.0000" Y offset: -0.0500"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_2_V10_2_FULL_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
Left (selected) Right
Tick and label start elevation (checked)

Major tick details:
Interval: 10.00' Tick size: 0.1000"
Tick Justification: Center Text height: 0.1000"
Tick label text: <[Profile View Point Elevat]>
Text style: Arial Rotation: 000.0000 (d)
X offset: -0.0500" Y offset: 0.0000"

Minor tick details:
Interval: 2.00' Tick size: 0.0500"
Tick Justification: Right Text height: 0.1000"
Tick label text: <[Profile View Point Elevat]>
Text style: Arial Rotation: 000.0000 (d)
X offset: -0.0500" Y offset: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_2_V10_2_FULL_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

View Direction:
Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	LineWeight	P
Graph Title	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Left Axis	✓	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	By
Left Axis Title	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Left Axis Annotation Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Left Axis Annotation Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Left Axis Ticks Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Left Axis Ticks Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Right Axis	✓	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	By
Right Axis Title	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Right Axis Annotation Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Right Axis Annotation Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Right Axis Ticks Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Right Axis Ticks Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Top Axis	✓	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	By
Top Axis Title	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Top Axis Annotation Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Top Axis Annotation Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Top Axis Ticks Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Top Axis Ticks Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Bottom Axis	✓	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	By
Bottom Axis Title	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Bottom Axis Annotation Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Bottom Axis Annotation Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Bottom Axis Ticks Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Bottom Axis Ticks Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Grid Horizontal Major	✓	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	By
Grid Horizontal Minor	✓	C-GRID-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	By
Grid Vertical Major	✓	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	By
Grid Vertical Minor	✓	C-GRID-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	By
Grid at Horizontal Geometry Poi	✓	C-GRID-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	By
Top Axis Annotation Horizontal	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Top Axis Ticks Horizontal Geom	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Bottom Axis Annotation Horizontal	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Bottom Axis Ticks Horizontal Ge	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	By
Grid at Sample Line Stations	✓	C-GRID-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	By
Profile Hatch	✓	0	BYLAYER	ByBlock	1.0000	ByBlock	By

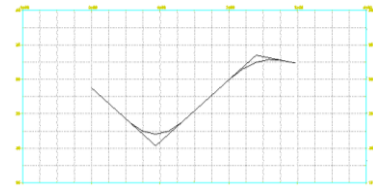
Name: C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_FULL_x10 (USACE)

Description: FULL Major & Minor Elev Outside - x10 Vertical
****DEFAULT****

H: 100 & 25

V: 5 & 2.5

****Must Use Band****



Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_FULL_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Vertical scale

Vertical scale: 1" = 4'

Current horizontal scale: 40

Vertical exaggeration: 10.000

Custom scale: 4.000

(= horizontal / vertical scale)

Profile view direction

Left to right (selected) Right to left

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_FULL_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Grid options

Clip vertical grid (selected) Clip horizontal grid

Clip to highest profile(s) (selected) Omit grid in padding areas

Grid padding (major grids)

Above maximum elevation: 1.000

To left: 1.000 To right: 1.000

Below datum: 1.000

Axis offset (plotted units)

Above maximum elevation: 0.0000"

To left: 0.0000" To right: 0.0000"

Below datum: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_FULL_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:

Top (selected) Bottom

Tick and label start station (selected)

Major tick details

Interval: 100.00' Tick size: 0.1000"

Tick Justification: Center Text height: 0.1000"

Tick label text: <[Station Value(Left)FS]P0]R

Text style: Arial Text rotation: 000.0000 (d)

X offset: 0.0000" Y offset: -0.0500"

Minor tick details

Interval: 25.00' Tick size: 0.0500"

Tick Justification: Bottom Text height: 0.1000"

Tick label text: <[Station Value(Left)FS]P2]R

Text style: Arial Text rotation: 000.0000 (d)

X offset: 0.0000" Y offset: -0.0500"

Horizontal geometry tick details

Interval: 25.00' Tick size: 0.0500"

Tick Justification: Center Text height: 0.1000"

Tick label text: <[Station Value(Left)FS]P0]R

Text style: Arial Text rotation: 000.0000 (d)

X offset: 0.0000" Y offset: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_FULL_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:

Left (selected) Right

Tick and label start elevation (selected)

Major tick details

Interval: 5.00' Tick size: 0.1000"

Tick Justification: Center Text height: 0.1000"

Tick label text: <[Profile View Point Elevation]

Text style: Arial Text rotation: 000.0000 (d)

X offset: -0.0500" Y offset: 0.0000"

Minor tick details

Interval: 2.50' Tick size: 0.0500"

Tick Justification: Right Text height: 0.0500"

Tick label text: <[Profile View Point Elevation]

Text style: Arial Text rotation: 000.0000 (d)

X offset: -0.0500" Y offset: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_FULL_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Graph Title	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis	Y	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Title	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Annotation Major	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Annotation Minor	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Ticks Major	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Ticks Minor	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis	Y	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Title	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Annotation Major	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Annotation Minor	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Ticks Major	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Ticks Minor	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis	Y	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Title	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Major	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Minor	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Major	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Minor	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis	Y	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Title	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Major	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Minor	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Major	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Minor	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Horizontal Major	Y	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Horizontal Minor	Y	C-GRID-MNR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Vertical Major	Y	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Vertical Minor	Y	C-GRID-MNR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid at Horizontal Geometry Poi	Y	C-GRID-MNR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Horizontal	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Horizontal Geom	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Horizontal	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Horizontal Ge	Y	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid at Sample Line Stations	Y	C-GRID-MNR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Profile Hatch	Y	0	BYLAYER	ByBlock	1.0000	ByBlock	ByBlock

Name: C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_LEFT_x10 (USACE)

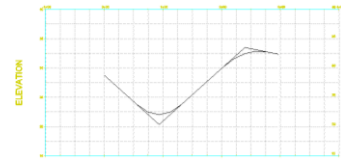
Description: FULL Major & Minor Elev Outside - x10 Vertical

****DEFAULT****

H: 100 & 25

V: 5 & 2.5

****Must Use Band****



Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_LEFT_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Vertical scale: 1" = 4' (Current horizontal scale: 40, Vertical exaggeration: 10.000)

Custom scale: 4.000 (From drawing settings, (= horizontal / vertical scale))

Profile view direction: Left to right (Right to left)

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_LEFT_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Grid options: Clip vertical grid, Clip horizontal grid, Clip to highest profile(s), Omit grid in padding areas

Grid padding (major grids): Above maximum elevation: 1.000, Below datum: 1.000

Axis offset (plotted units): Above maximum elevation: 0.0000", Below datum: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_LEFT_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control: Top (Bottom), Tick and label start station

Major tick details: Interval: 100.00', Tick size: 0.1000", Tick Justification: Center, Text height: 0.1000"

Minor tick details: Interval: 25.00', Tick size: 0.0500", Tick Justification: Bottom, Text height: 0.1000"

Horizontal geometry tick details: Interval: 25.00', Tick size: 0.0500", Tick Justification: Center, Text height: 0.1000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_LEFT_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control: Left (Right), Tick and label start elevation

Major tick details: Interval: 5.00', Tick size: 0.1000", Tick Justification: Center, Text height: 0.1000"

Minor tick details: Interval: 2.50', Tick size: 0.0500", Tick Justification: Right, Text height: 0.0500"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_LEFT_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Graph Title	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis	✓	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Title	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Annotation Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Annotation Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Ticks Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Ticks Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis	✓	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Title	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Annotation Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Annotation Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Ticks Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Ticks Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis	✓	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Title	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis	✓	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Title	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Horizontal Major	✓	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Horizontal Minor	✓	C-GRID-MNR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Vertical Major	✓	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Vertical Minor	✓	C-GRID-MNR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid at Horizontal Geometry Poi	✓	C-GRID-MNR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Horizontal	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Horizontal Geom	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Horizontal	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Horizontal Ge	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid at Sample Line Stations	✓	C-GRID-MNR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Profile Hatch	✓	0	BYLAYER	ByBlock	1.0000	ByBlock	ByBlock

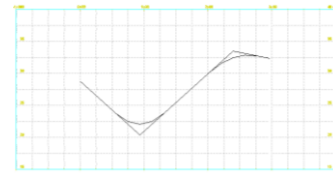
Name: C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_MID_x10 (USACE)

Description: FULL Major & Minor Elev Outside - x10 Vertical
****DEFAULT****

H: 100 & 25

V: 5 & 2.5

****Must Use Band****



Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_MID_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Vertical scale:
 Vertical scale: 1" = 4'
 Custom scale: 4.000
 Current horizontal scale: 40
 Vertical exaggeration: 10.000
 (= horizontal / vertical scale)

Profile view direction:
☒ Left to right
☐ Right to left

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_MID_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Grid options:
☐ Clip vertical grid
☐ Clip horizontal grid
☐ Clip to highest profile(s)
☐ Omit grid in padding areas
☒ Omit grid in padding areas

Grid padding (major grids):
 Above maximum elevation: 1.000
 To left: 1.000 To right: 1.000
 Below datum: 1.000

Axis offset (plotted units):
 Above maximum elevation: 0.0000"
 To left: 0.0000" To right: 0.0000"
 Below datum: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_MID_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
☒ Top
☐ Bottom
☒ Tick and label start station

Major tick details:
 Interval: 100.00' Tick size: 0.1000"
 Tick Justification: Center Text height: 0.1000"
 Tick label text: <[Station Value(Units)]P0|R
 Text style: Arial Rotation: 000.0000 (d)
 X offset: 0.0000" Y offset: -0.0500"

Minor tick details:
 Interval: 25.00' Tick size: 0.0500"
 Tick Justification: Bottom Text height: 0.1000"
 Tick label text: <[Station Value(Units)]P2|R
 Text style: Arial Rotation: 000.0000 (d)
 X offset: 0.0000" Y offset: -0.0500"

Horizontal geometry tick details:
 Interval: 0.0500" Tick size: 0.0500"
 Tick Justification: Center Text height: 0.1000"
 Tick label text: <[Station Value(Units)]P0|R
 Text style: Arial Rotation: 000.0000 (d)
 X offset: 0.0000" Y offset: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_MID_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
☐ Left
☒ Right
☒ Tick and label start elevation

Major tick details:
 Interval: 5.00' Tick size: 0.1000"
 Tick Justification: Center Text height: 0.1000"
 Tick label text: <[Profile View Point Elevation]
 Text style: Arial Rotation: 000.0000 (d)
 X offset: 0.3500" Y offset: 0.1000"

Minor tick details:
 Interval: 2.50' Tick size: 0.0500"
 Tick Justification: Right Text height: 0.0500"
 Tick label text: <[Profile View Point Elevation]
 Text style: Arial Rotation: 000.0000 (d)
 X offset: -0.0500" Y offset: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_MID_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

View Direction:
☒ Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Graph Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Horizontal Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Horizontal Minor	<input checked="" type="checkbox"/>	C-GRID-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Vertical Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Vertical Minor	<input checked="" type="checkbox"/>	C-GRID-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid at Horizontal Geometry Poi	<input checked="" type="checkbox"/>	C-GRID-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Horizontal	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Horizontal Geom	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Horizontal	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Horizontal Ge	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid at Sample Line Stations	<input checked="" type="checkbox"/>	C-GRID-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Profile Hatch	<input checked="" type="checkbox"/>	0	BYLAYER	ByBlock	1.0000	ByBlock	ByBlock

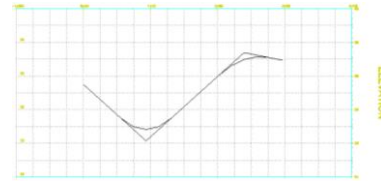
Name: C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_RIGHT_x10 (USACE)

Description: FULL Major & Minor Elev Outside - x10 Vertical
****DEFAULT****

H: 100 & 25

V: 5 & 2.5

****Must Use Band****



Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_RIGHT_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Vertical scale:
 Vertical scale: 1" = 4'
 Custom scale: 4.000
 Current horizontal scale: 40
 Vertical exaggeration: 10.000
 (= horizontal / vertical scale)

Profile view direction:
☒ Left to right
☐ Right to left

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_RIGHT_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Grid options:
☐ Clip vertical grid
☐ Clip horizontal grid
☐ Clip to highest profile(s)
☐ Omit grid in padding areas
☐ Omit grid in padding areas

Grid padding (major grids):
 Above maximum elevation: 1.000
 To left: 1.000 To right: 1.000
 Below datum: 1.000

Axis offset (plotted units):
 Above maximum elevation: 0.0000"
 To left: 0.0000" To right: 0.0000"
 Below datum: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_RIGHT_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
☒ Top
☐ Bottom
☒ Tick and label start station

Major tick details:
 Interval: 100.00' Tick size: 0.1000"
 Tick Justification: Center Text height: 0.1000"
 Tick label text: <[Station Value(Ut)FS]P0|R
 Text style: Arial Rotation: 000.0000 (d)
 X offset: 0.0000" Y offset: -0.0500"

Minor tick details:
 Interval: 25.00' Tick size: 0.0500"
 Tick Justification: Bottom Text height: 0.1000"
 Tick label text: <[Station Value(Ut)FS]P2|R
 Text style: Arial Rotation: 000.0000 (d)
 X offset: 0.0000" Y offset: -0.0500"

Horizontal geometry tick details:
 Interval: 25.00' Tick size: 0.0500"
 Tick Justification: Center Text height: 0.1000"
 Tick label text: <[Station Value(Ut)FS]P0|R
 Text style: Arial Rotation: 000.0000 (d)
 X offset: 0.0000" Y offset: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_RIGHT_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
☐ Left
☒ Right
☒ Tick and label start elevation

Major tick details:
 Interval: 5.00' Tick size: 0.1000"
 Tick Justification: Center Text height: 0.1000"
 Tick label text: <[Profile View Point Elevation]
 Text style: Arial Rotation: 000.0000 (d)
 X offset: 0.3500" Y offset: 0.1000"

Minor tick details:
 Interval: 2.50' Tick size: 0.0500"
 Tick Justification: Right Text height: 0.0500"
 Tick label text: <[Profile View Point Elevation]
 Text style: Arial Rotation: 000.0000 (d)
 X offset: -0.0500" Y offset: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100_25_V5_2-5_RIGHT_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

View Direction:
 Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Graph Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Horizontal Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Horizontal Minor	<input checked="" type="checkbox"/>	C-GRID-MNR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Vertical Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Vertical Minor	<input checked="" type="checkbox"/>	C-GRID-MNR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid at Horizontal Geometry Poi	<input checked="" type="checkbox"/>	C-GRID-MNR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Horizontal	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Horizontal	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Horizontal Ge	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid at Sample Line Stations	<input checked="" type="checkbox"/>	C-GRID-MNR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Profile Hatch	<input checked="" type="checkbox"/>	0	BYLAYER	ByBlock	1.0000	ByBlock	ByBlock

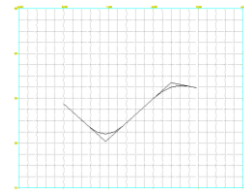
Name: C_GRID [L-R] Majr_Minr_H100|20__V10|5_FULL_x10
(USACE)

Description: FULL Major & Minor Elev Outside - x10 Vertical

H: 100 & 20

V: 10 & 5

****Must Use Band****



Profile View Style - C_GRID [L-R] Majr_Minr_H100|20__V10|5_FULL_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Vertical scale

Vertical scale: 1" = 4'

Current horizontal scale: 40

Vertical exaggeration: 10.000

Custom scale: 4.000

(From drawing settings) (= horizontal / vertical scale)

Profile view direction

☒ Left to right ☐ Right to left

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100|20__V10|5_FULL_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Grid options

☐ Clip vertical grid ☐ Clip horizontal grid

☐ Clip to highest profile(s) ☐ Clip to highest profile(s)

☐ Omit grid in padding areas ☒ Omit grid in padding areas

Grid padding (major grids)

Above maximum elevation: 1.000

To left: 1.000 To right: 1.000

Below datum: 1.000

Axis offset (plotted units)

Above maximum elevation: 0.0000"

To left: 0.0000" To right: 0.0000"

Below datum: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100|20__V10|5_FULL_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:

☐ Top ☒ Bottom ☒ Tick and label start station

Major tick details

Interval: 100.00' Tick size: 0.1000"

Tick Justification: Center Text height: 0.1000"

Tick label text: <[Station Value(Ut)|FS|P0|R]

Text style: Arial Rotation: 000.0000 (d)

X offset: 0.0000" Y offset: -0.0500"

Minor tick details

Interval: 20.00' Tick size: 0.0500"

Tick Justification: Bottom Text height: 0.1000"

Tick label text: <[Station Value(Ut)|FS|P2|R]

Text style: Arial Rotation: 000.0000 (d)

X offset: 0.0000" Y offset: -0.0500"

Horizontal geometry tick details

Interval: 10.00' Tick size: 0.0500"

Tick Justification: Center Text height: 0.1000"

Tick label text: <[Station Value(Ut)|FS|P0|R]

Text style: Arial Rotation: 000.0000 (d)

X offset: 0.0000" Y offset: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100|20__V10|5_FULL_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:

☒ Left ☐ Right ☒ Tick and label start elevation

Major tick details

Interval: 10.00' Tick size: 0.1000"

Tick Justification: Center Text height: 0.1000"

Tick label text: <[Profile View Point Elevator]

Text style: Arial Rotation: 000.0000 (d)

X offset: -0.0500" Y offset: 0.0000"

Minor tick details

Interval: 2.50' Tick size: 0.0500"

Tick Justification: Right Text height: 0.0500"

Tick label text: <[Profile View Point Elevator]

Text style: Arial Rotation: 000.0000 (d)

X offset: -0.0500" Y offset: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Minr_H100|20__V10|5_FULL_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Graph Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Horizontal Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Horizontal Minor	<input checked="" type="checkbox"/>	C-GRID-MINR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Vertical Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Vertical Minor	<input checked="" type="checkbox"/>	C-GRID-MINR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid at Horizontal Geometry Poi	<input checked="" type="checkbox"/>	C-GRID-MINR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Horizontal	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Horizontal Geom	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Horizontal	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Horizontal Ge	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid at Sample Line Stations	<input checked="" type="checkbox"/>	C-GRID-MINR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Profile Hatch	<input checked="" type="checkbox"/>	0	BYLAYER	ByBlock	1.0000	ByBlock	ByBlock

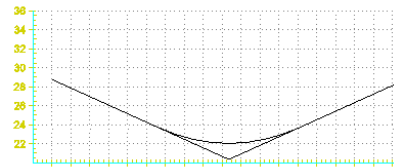
Name: C_GRID [L-R] Majr_Only_H10_V2_FULL_x5 (USACE)

Description: FULL GRID - Elev Outside - x5 Vertical

H: 10

V: 2

****Must Use Band****



Profile View Style - C_GRID [L-R] Majr_Only_H10_V2_FULL_x5 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Vertical scale:
Vertical scale: 1" = 8'
Current horizontal scale: 40
Vertical exaggeration: 5.000
Custom scale: 8.000 (From drawing settings) (= horizontal / vertical scale)

Profile view direction:
☒ Left to right ☐ Right to left

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Only_H10_V2_FULL_x5 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Grid options:
☐ Clip vertical grid ☐ Clip horizontal grid
☐ Clip to highest profile(s) ☐ Clip to highest profile(s)
☐ Omit grid in padding areas ☐ Omit grid in padding areas

Grid padding (major grids):
Above maximum elevation: 1.000
To left: 1.000 To right: 1.000
Below datum: 1.000

Axis offset (plotted units):
Above maximum elevation: 0.0000"
To left: 0.0000" To right: 0.0000"
Below datum: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Only_H10_V2_FULL_x5 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
☐ Top ☒ Bottom ☐ Tick and label start station

Major tick details:
Interval: 10.00' Tick size: 0.1000"
Tick Justification: Center Text height: 0.1000"

Minor tick details:
Interval: 2.50' Tick size: 0.0500"
Tick Justification: Bottom Text height: 0.1000"

Horizontal geometry tick details:
Interval: 0.0500' Tick size: 0.0500"
Tick Justification: Center Text height: 0.1000"

Tick label text:
<[Station Value(Ut)(FS)(P2)]R
Text style: Arial Rotation: 000.0000 (d)
X offset: 0.0000" Y offset: -0.0500"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Only_H10_V2_FULL_x5 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
☒ Left ☐ Right ☐ Tick and label start elevation

Major tick details:
Interval: 2.00' Tick size: 0.1000"
Tick Justification: Center Text height: 0.1000"

Minor tick details:
Interval: 0.50' Tick size: 0.0500"
Tick Justification: Right Text height: 0.1000"

Tick label text:
<[Profile View Point Elevation]
Text style: Arial Rotation: 000.0000 (d)
X offset: -0.0500" Y offset: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Only_H10_V2_FULL_x5 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

View Direction:
Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	LineWeight	Plot Style
Graph Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Grid Horizontal Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Grid Horizontal Minor	<input checked="" type="checkbox"/>	C-GRID-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Grid Vertical Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Grid Vertical Minor	<input checked="" type="checkbox"/>	C-GRID-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Grid at Horizontal Geometry Poi	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Annotation Horizontal	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByBlock	1.0000	ByLayer	ByLayer
Top Axis Ticks Horizontal Geom	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByBlock	1.0000	ByLayer	ByLayer
Bottom Axis Annotation Horizontal	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByBlock	1.0000	ByLayer	ByLayer
Bottom Axis Ticks Horizontal Ge	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByBlock	1.0000	ByLayer	ByLayer
Grid at Sample Line Stations	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByBlock	1.0000	ByLayer	ByLayer
Profile Hatch	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByBlock	1.0000	ByBlock	ByBlock

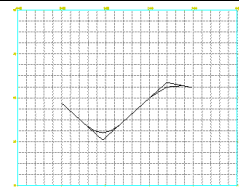
Name: C_GRID [L-R] Majr_Only_H10_V2_FULL_x5 (USACE)

Description: FULL GRID - Elev Outside - x5 Vertical

H: 10

V: 2

****Must Use Band****



Profile View Style - C_GRID [L-R] Majr_Only_H20_V10_FULL_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Vertical scale:
Vertical scale: 1" = 20'
Current horizontal scale: 40
Vertical exaggeration: 2.000
Custom scale: 20.000
(From drawing settings) (= horizontal / vertical scale)

Profile view direction:
☒ Left to right ☐ Right to left

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Only_H20_V10_FULL_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Grid options:
☐ Clip vertical grid ☐ Clip horizontal grid
☐ Clip to highest profile(s) ☐ Clip to highest profile(s)
☐ Omit grid in padding areas ☐ Omit grid in padding areas

Grid padding (major grids):
Above maximum elevation: 1.000
To left: 1.000 To right: 1.000
Below datum: 1.000

Axis offset (plotted units):
Above maximum elevation: 0.0000"
To left: 0.0000" To right: 0.0000"
Below datum: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Only_H20_V10_FULL_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
☒ Top ☐ Bottom ☒ Tick and label start station

Major tick details:
Interval: 20.00' Tick size: 0.1000"
Tick Justification: Center Text height: 0.1000"
Tick label text: <[Station Value(Left/Right)]> ☒ ☐
Text style: Arial Rotation: 000.0000 (d)
X offset: 0.0000" Y offset: -0.0500"

Minor tick details:
Interval: 5.00' Tick size: 0.0500"
Tick Justification: Bottom Text height: 0.1000"
Tick label text: <[Station Value(Left/Right)]> ☒ ☐
Text style: Arial Rotation: 000.0000 (d)
X offset: 0.0000" Y offset: -0.0500"

Horizontal geometry tick details:
Interval: 5.00' Tick size: 0.0500"
Tick Justification: Center Text height: 0.1000"
Tick label text: <[Station Value(Left/Right)]> ☒ ☐
Text style: Arial Rotation: 000.0000 (d)
X offset: 0.0000" Y offset: -0.0500"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Only_H20_V10_FULL_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
☐ Left ☒ Right ☒ Tick and label start elevation

Major tick details:
Interval: 10.00' Tick size: 0.1000"
Tick Justification: Center Text height: 0.1000"
Tick label text: <[Profile View Point Elevation]> ☒ ☐
Text style: Arial Rotation: 000.0000 (d)
X offset: -0.0500" Y offset: 0.0000"

Minor tick details:
Interval: 2.50' Tick size: 0.0500"
Tick Justification: Right Text height: 0.1000"
Tick label text: <[Profile View Point Elevation]> ☒ ☐
Text style: Arial Rotation: 000.0000 (d)
X offset: -0.0500" Y offset: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Only_H20_V10_FULL_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

View Direction:
Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	LineWeight	Plot Style
Graph Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Horizontal Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	0.5000	ByLayer	ByBlock
Grid Horizontal Minor	<input checked="" type="checkbox"/>	C-GRID-MNJR	BYLAYER	ByLayer	0.5000	ByLayer	ByBlock
Grid Vertical Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	0.5000	ByLayer	ByBlock
Grid Vertical Minor	<input checked="" type="checkbox"/>	C-GRID-MNJR	BYLAYER	ByLayer	0.5000	ByLayer	ByBlock
Grid at Horizontal Geometry Poi	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Horizontal	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByBlock	1.0000	ByLayer	ByBlock
Top Axis Ticks Horizontal Geom	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByBlock	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Horizontal	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByBlock	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Horizontal Ge	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByBlock	1.0000	ByLayer	ByBlock
Grid at Sample Line Stations	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByBlock	1.0000	ByLayer	ByBlock
Profile Hatch	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByBlock	1.0000	ByLayer	ByBlock

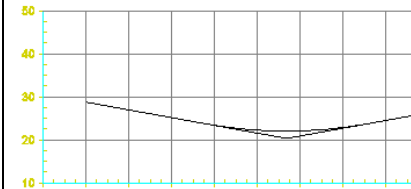
Name: C_GRID [L-R] Majr_Only_H25_V10_FULL_x2 (USACE)

Description: FULL GRID - Elev Outside - x2 Vertical

H: 25/1tick

V: 10/1

****Must Use Band****



Profile View Style - C_GRID [L-R] Majr_Only_H25_V10_FULL_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Vertical scale:
Vertical scale: 1" = 20'
Current horizontal scale: 40
Vertical exaggeration: 2.000
Custom scale: 20.000
(From drawing settings) (= horizontal / vertical scale)

Profile view direction:
☒ Left to right ☐ Right to left

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Only_H25_V10_FULL_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Grid options:
☐ Clip vertical grid ☐ Clip horizontal grid
☐ Clip to highest profile(s) ☐ Clip to highest profile(s)
☐ Omit grid in padding areas ☐ Omit grid in padding areas

Grid padding (major grids):
Above maximum elevation: 1.000
To left: 1.000 To right: 1.000
Below datum: 1.000

Axis offset (plotted units):
Above maximum elevation: 0.0000"
To left: 0.0000" To right: 0.0000"
Below datum: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Only_H25_V10_FULL_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
☐ Top ☒ Bottom ☒ Tick and label start station

Major tick details:
Interval: 25.00' Tick size: 0.1000"
Tick Justification: Center Text height: 0.1000"

Minor tick details:
Interval: 5.00' Tick size: 0.0500"
Tick Justification: Bottom Text height: 0.1000"

Horizontal geometry tick details:
Interval: 5.00' Tick size: 0.0500"
Tick Justification: Center Text height: 0.1000"

Tick label text:
<[Station Value]U(FS)P2|R
Text style: Arial Rotation: 000.0000 (d)
X offset: 0.0000" Y offset: -0.0500"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Only_H25_V10_FULL_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
☒ Left ☐ Right ☒ Tick and label start elevation

Major tick details:
Interval: 10.00' Tick size: 0.1000"
Tick Justification: Center Text height: 0.1000"

Minor tick details:
Interval: 1.00' Tick size: 0.0500"
Tick Justification: Right Text height: 0.1000"

Tick label text:
<[Profile View Point Elevation]
Text style: Arial Rotation: 000.0000 (d)
X offset: -0.0500" Y offset: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Only_H25_V10_FULL_x2 (USACE)

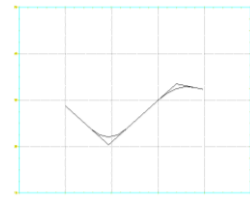
Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

View Direction:
Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	LineWeight	Plot Style
Graph Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Grid Horizontal Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Grid Horizontal Minor	<input checked="" type="checkbox"/>	C-GRID-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Grid Vertical Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Grid Vertical Minor	<input checked="" type="checkbox"/>	C-GRID-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Grid at Horizontal Geometry Poi	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Annotation Horizontal	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByBlock	1.0000	ByLayer	ByLayer
Top Axis Ticks Horizontal Geom	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByBlock	1.0000	ByLayer	ByLayer
Bottom Axis Annotation Horizontal	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByBlock	1.0000	ByLayer	ByLayer
Bottom Axis Ticks Horizontal Ge	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByBlock	1.0000	ByLayer	ByLayer
Grid at Sample Line Stations	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByBlock	1.0000	ByLayer	ByLayer
Profile Hatch	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByBlock	1.0000	ByBlock	ByBlock

Name: C_GRID [L-R] Majr_Only_H100_V10_FULL_x10 (USACE)
Description: FULL Major & Minor Elev Outside - x10 Vertical
 H: 100 & 20
 V: 10 & 5
****Must Use Band****



Profile View Style - C_GRID [L-R] Majr_Only_H100_V10_FULL_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Vertical scale:
 Vertical scale: 1" = 4'
 Custom scale: 4.000
 Current horizontal scale: 40
 Vertical exaggeration: 10.000
 (= horizontal / vertical scale)

Profile view direction:
☒ Left to right
☐ Right to left

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Only_H100_V10_FULL_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Grid options:
☐ Clip vertical grid
☐ Clip horizontal grid
☐ Clip to highest profile(s)
☐ Omit grid in padding areas

Grid padding (major grids):
 Above maximum elevation: 1.000
 To left: 1.000 To right: 1.000
 Below datum: 1.000

Axis offset (plotted units):
 Above maximum elevation: 0.0000"
 To left: 0.0000" To right: 0.0000"
 Below datum: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Only_H100_V10_FULL_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
☒ Top
☐ Bottom
☒ Tick and label start station

Major tick details:
 Interval: 100.00' Tick size: 0.1000"
 Tick Justification: Center Text height: 0.1000"
 Tick label text: <[Station Value(Ut)FS]P0|R
 Text style: Arial Rotation: 000.0000 (d)
 X offset: 0.0000" Y offset: -0.0500"

Minor tick details:
 Interval: 20.00' Tick size: 0.0500"
 Tick Justification: Bottom Text height: 0.1000"
 Tick label text: <[Station Value(Ut)FS]P2|R
 Text style: Arial Rotation: 000.0000 (d)
 X offset: 0.0000" Y offset: -0.0500"

Horizontal geometry tick details:
 Interval: 20.00' Tick size: 0.0500"
 Tick Justification: Center Text height: 0.1000"
 Tick label text: <[Station Value(Ut)FS]P0|R
 Text style: Arial Rotation: 000.0000 (d)
 X offset: 0.0000" Y offset: -0.0500"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Only_H100_V10_FULL_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
☐ Left
☒ Right
☒ Tick and label start elevation

Major tick details:
 Interval: 10.00' Tick size: 0.1000"
 Tick Justification: Center Text height: 0.1000"
 Tick label text: <[Profile View Point Elevation
 Text style: Arial Rotation: 000.0000 (d)
 X offset: -0.0500" Y offset: 0.0000"

Minor tick details:
 Interval: 2.50' Tick size: 0.0500"
 Tick Justification: Right Text height: 0.1000"
 Tick label text: <[Profile View Point Elevation
 Text style: Arial Rotation: 000.0000 (d)
 X offset: -0.0500" Y offset: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [L-R] Majr_Only_H100_V10_FULL_x10 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Graph Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Horizontal Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Horizontal Minor	<input checked="" type="checkbox"/>	C-GRID-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Vertical Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Vertical Minor	<input checked="" type="checkbox"/>	C-GRID-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid at Horizontal Geometry Poi	<input checked="" type="checkbox"/>	C-GRID-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Horizontal	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Horizontal Geom	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Horiz	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Horizontal Ge	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid at Sample Line Stations	<input checked="" type="checkbox"/>	C-GRID-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Profile Hatch	<input checked="" type="checkbox"/>	BYLAYER	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock

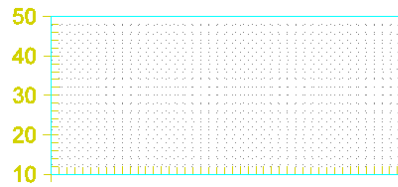
Name: C_GRID [R-L] Majr_Minr_H100_2H_V10_2_FULL_x1 (USACE)

Description: FULL Major & Minor Elev Outside - x1 Vertical

H: 100 & 2

V: 10 & 2

****Must Use Band****



Profile View Style - C_GRID [R-L] Majr_Minr_H100_2H_V10_2_FULL_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Vertical scale

Vertical scale: 1" = 40'

Current horizontal scale: 40

Vertical exaggeration: 1.000

Custom scale: 40.000

(From drawing settings) (= horizontal / vertical scale)

Profile view direction

☒ Left to right ☐ Right to left

OK Cancel Apply Help

Profile View Style - C_GRID [R-L] Majr_Minr_H100_2H_V10_2_FULL_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Grid options

☐ Clip vertical grid ☐ Clip horizontal grid

☐ Clip to highest profile(s) ☐ Clip to highest profile(s)

☐ Omit grid in padding areas ☒ Omit grid in padding areas

Grid padding (major grids)

Above maximum elevation: 1.000

To left: 1.000 To right: 1.000

Below datum: 1.000

Axis offset (plotted units)

Above maximum elevation: 0.0000"

To left: 0.0000" To right: 0.0000"

Below datum: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [R-L] Majr_Minr_H100_2H_V10_2_FULL_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:

☒ Top ☐ Bottom ☒ Tick and label start station

Major tick details

Interval: 100.00' Tick size: 0.1000"

Tick Justification: Center Text height: 0.1000"

Tick label text: <[Station Value(Ut)FS]P0|R

Text style: Arial Rotation: 000.0000 (d)

X offset: 0.0000" Y offset: -0.0500"

Minor tick details

Interval: 2.00' Tick size: 0.0500"

Tick Justification: Bottom Text height: 0.1000"

Tick label text: <[Station Value(Ut)FS]P2|R

Text style: Arial Rotation: 000.0000 (d)

X offset: 0.0000" Y offset: -0.0500"

Horizontal geometry tick details

Interval: 2.00' Tick size: 0.0500"

Tick Justification: Center Text height: 0.1000"

Tick label text: <[Station Value(Ut)FS]P0|R

Text style: Arial Rotation: 000.0000 (d)

X offset: 0.0000" Y offset: -0.0500"

OK Cancel Apply Help

Profile View Style - C_GRID [R-L] Majr_Minr_H100_2H_V10_2_FULL_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:

☐ Left ☒ Right ☒ Tick and label start elevation

Major tick details

Interval: 10.00' Tick size: 0.1000"

Tick Justification: Center Text height: 0.1000"

Tick label text: <[Profile View Point Elevation]

Text style: Arial Rotation: 000.0000 (d)

X offset: -0.0500" Y offset: 0.0000"

Minor tick details

Interval: 2.00' Tick size: 0.0500"

Tick Justification: Right Text height: 0.1000"

Tick label text: <[Profile View Point Elevation]

Text style: Arial Rotation: 000.0000 (d)

X offset: -0.0500" Y offset: 0.0000"

OK Cancel Apply Help

Profile View Style - C_GRID [R-L] Majr_Minr_H100_2H_V10_2_FULL_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Graph Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Left Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Right Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Horizontal Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Horizontal Minor	<input checked="" type="checkbox"/>	C-GRID-MNR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Vertical Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid Vertical Minor	<input checked="" type="checkbox"/>	C-GRID-MNR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid at Horizontal Geometry Poi	<input checked="" type="checkbox"/>	C-GRID-MNR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Annotation Horizontal	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Top Axis Ticks Horizontal Geom	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Annotation Horizontal	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Bottom Axis Ticks Horizontal Ge	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Grid at Sample Line Stations	<input checked="" type="checkbox"/>	C-GRID-MNR	BYLAYER	ByLayer	1.0000	ByLayer	ByBlock
Profile Hatch	<input checked="" type="checkbox"/>	0	BYLAYER	ByBlock	1.0000	ByBlock	ByBlock

Profile View LABEL Styles

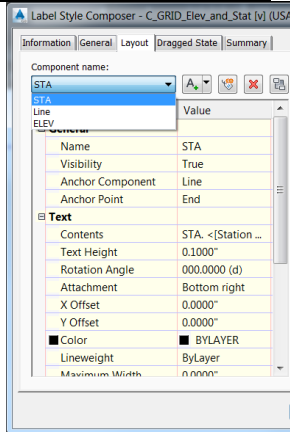
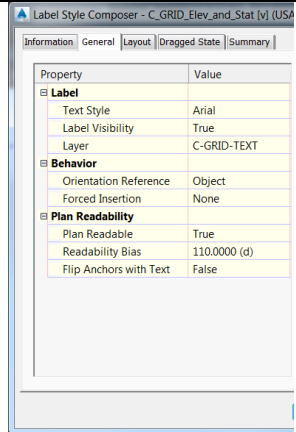
Station Elevation (5)

Name: C_GRID_Elev_and_Stat [v] (USACE)

Description: Vertical:

Station over Elevation with Line

STA. 2+63.98
EL. 25.65

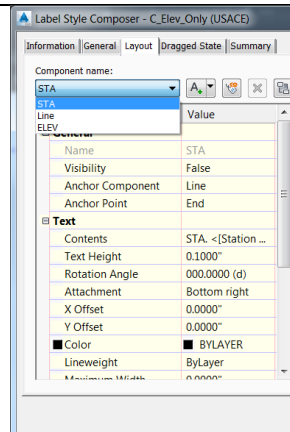
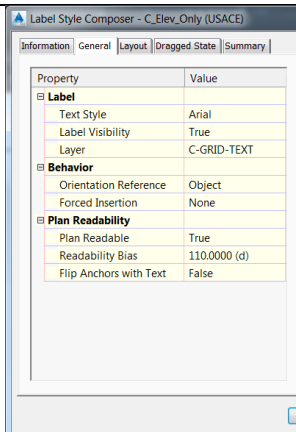


Name: C_Elev_Only (USACE)

Description: Vertical:

Elevation Only with Line

EL. 25.65

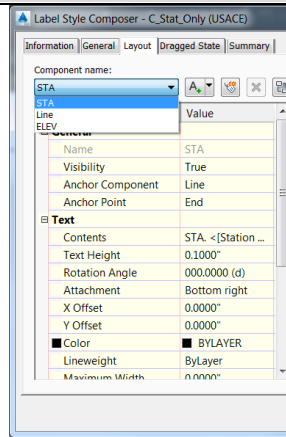
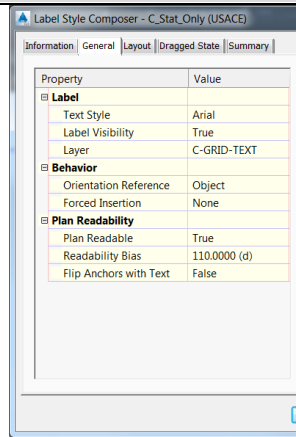


Name: C_Stat_Only (USACE)

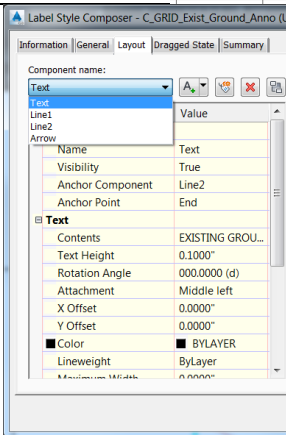
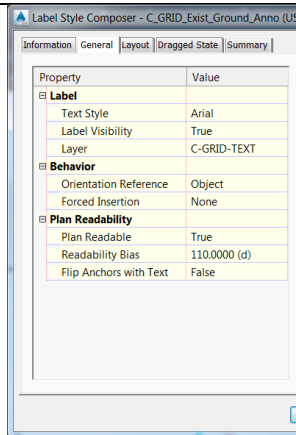
Description: Vertical:

Station Only with Line

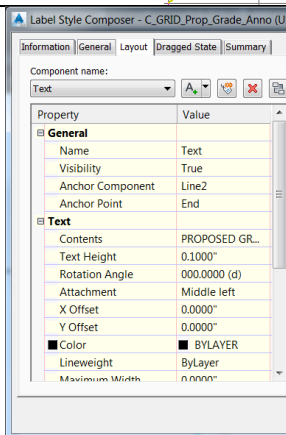
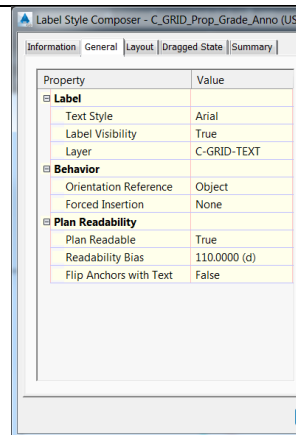
STA. 2+63.98



Name: C_GRID_Exist_Ground_Anno (USACE)
Description: "Existing Ground" Note



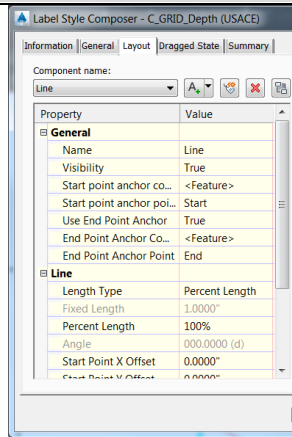
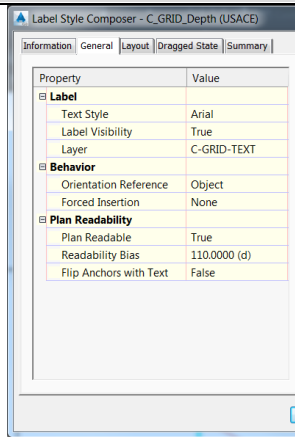
Name: C_GRID_Prop_Grade_Anno (USACE)
Description: "Proposed Grade" Note



Profile View DEPTH Label Style (4)

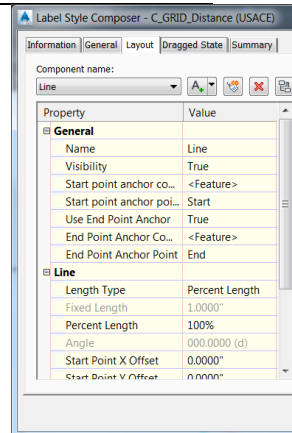
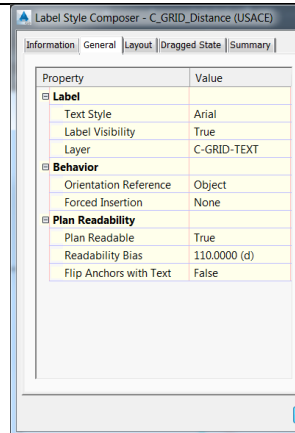
Name: C_GRID_Depth (USACE)
Description: 0.0X' with Arrow





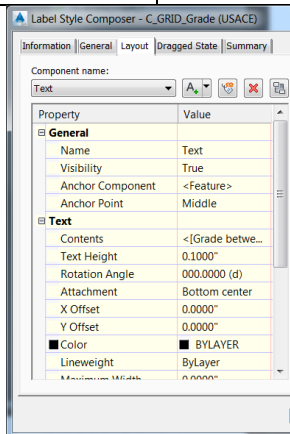
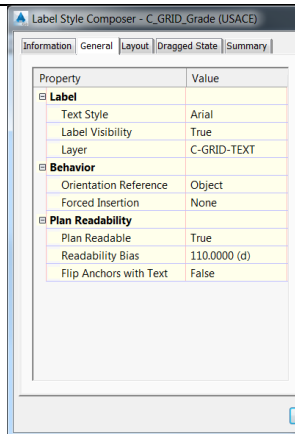
Name: C_GRID_Depth (USACE)
Description: 0.0X' with Arrow

Dist
56.53



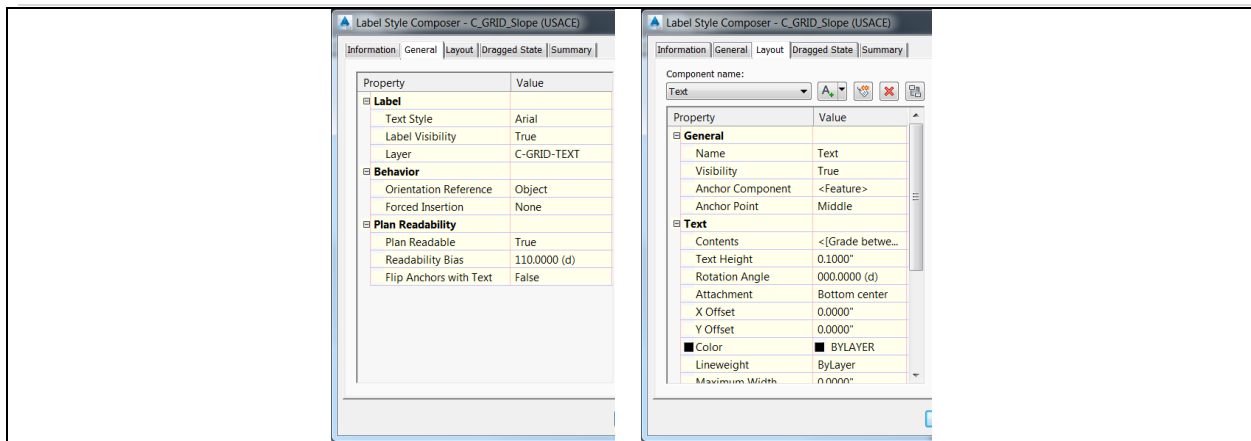
Name: C_GRID_Distance (USACE)
Description: 0.0X' with Arrow

11.30%



Name: C_GRID_Grade (USACE)
Description: Percent (%) NO Line

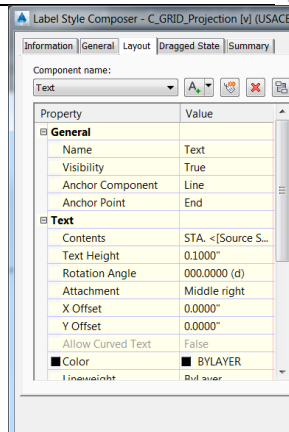
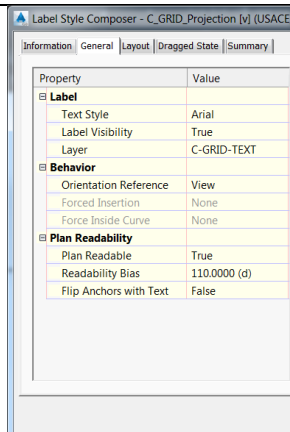
8.85:1



Profile View PROJECTION Label Style (1)

Name: C_GRID_Projection [v] (USACE)

Description: Vertical:
Offset over Elevation

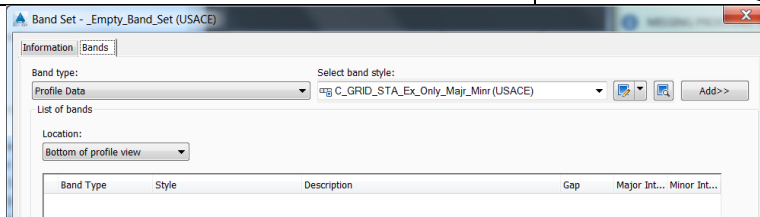


PROFILE VIEW Band Styles

Band Sets (6)

Name: _Empty_Band_Set (USACE)

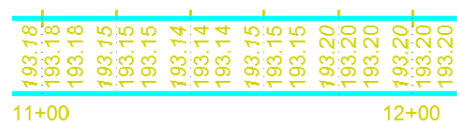
Description: No Bands



Name: C_BAND_STA_Ex|Pr_and FG_Majr_Minr_BELOW (USACE)

Description: xx BELOW Grid Text @ Major & Minor Grids
Multiple Bands STA with Ex|Pr and FG elevations (3 ROWS)

**** Remember to set Profile 1 & 2 in Profile View Properties**



****X**

Band Set - C_BAND_STA_Ex|Pr_and FG_Majr_Minr_BELOW (USACE)

Information Bands

Band type: Profile Data Select band style: C_GRID_STA_Ex_Only_Majr_Minr (USACE) Add>>

List of bands

Location: Bottom of profile view

Band Type	Style	Description	Gap	Major Int...	Minor Int...
Profile Data	C_GRID_STA_Ex Pr_Majr_Minr	Station & Ex Pr @ Major & Minor Grids (0.5" height box)	0.0000"	100.00'	25.00'
Profile Data	C_GRID_STA_FG_Offset_Majr_Minr	EXTRA "FG" 3rd ROW - Profile 2 @ Major & Minor Grids...	-0.5000"	100.00'	25.00'

Name: C_BAND_STA_Ex|Pr_and FG_Majr_Only_BELOW (USACE)

Description: BELOW Grid Text @ Major Grids ONLY
Multiple Bands STA with Ex|Pr and FG elevations (3 ROWS)

****Remember to set Profile 1 & 2 in Profile View Properties****



Band Set - C_BAND_STA_Ex|Pr_and FG_Majr_Only_BELOW (USACE)

Information Bands

Band type: Profile Data Select band style: C_GRID_STA_Ex_Only_Majr_Minr (USACE) Add>>

List of bands

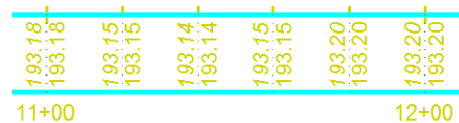
Location: Bottom of profile view

Band Type	Style	Description	Gap	Major Int...	Minor Int...
Profile Data	C_GRID_STA_Ex Pr_Majr_Only	Station & Ex Pr @ Major ONLY (0.5" height box)Re...	0.0000"	100.00'	25.00'
Profile Data	C_GRID_STA_FG_Offset_Majr_Minr	EXTRA "FG" 3rd ROW - Profile 2 @ Major ONLY Grids...	-0.5000"	100.00'	25.00'

Name: C_BAND_STA_Ex|Pr_Majr_Minr_BELOW (USACE)

Description: BELOW Grid Text @ Major & Minor Grids
Single Band STA with Ex|Pr elevations

**** Remember to set Profile 1 & 2 in Profile View Properties ****



Band Set - C_BAND_STA_Ex|Pr_Majr_Minr_BELOW (USACE)

Information Bands

Band type: Profile Data Select band style: C_GRID_STA_Ex_Only_Majr_Minr (USACE) Add>>

List of bands

Location: Bottom of profile view

Band Type	Style	Description	Gap	Major Int...	Minor Int...
Profile Data	C_GRID_STA_Ex Pr_Majr_Minr	Station & Ex Pr @ Major & Minor Grids (0.5" height box)	0.0000"	100.00'	25.00'

Name: C_BAND_STA_Ex|Pr_Majr_Only_BELOW (USACE)

Description: BELOW Grid Text @ Major Grids ONLY
Single Band STA with Ex|Pr elevations

****Remember to set Profile 1 & 2 in Profile View Properties****



Band Set - C_BAND_STA_Ex|Pr_Majr_Only_BELOW (USACE)

Information Bands

Band type: Profile Data Select band style: C_GRID_STA_Ex_Only_Majr_Minr (USACE) Add>>

List of bands

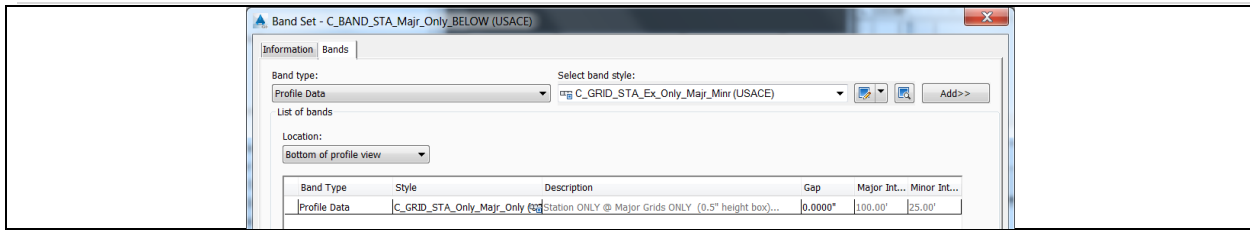
Location: Bottom of profile view

Band Type	Style	Description	Gap	Major Int...	Minor Int...
Profile Data	C_GRID_STA_Ex Pr_Majr_Only	Station & Ex Pr @ Major ONLY (0.5" height box)Re...	0.0000"	100.00'	25.00'

Name: xx C_BAND_STA_Majr_Only_BELOW (USACE)x

Description: C_BAND_STA_Majr_Only_BELOW (USACE)





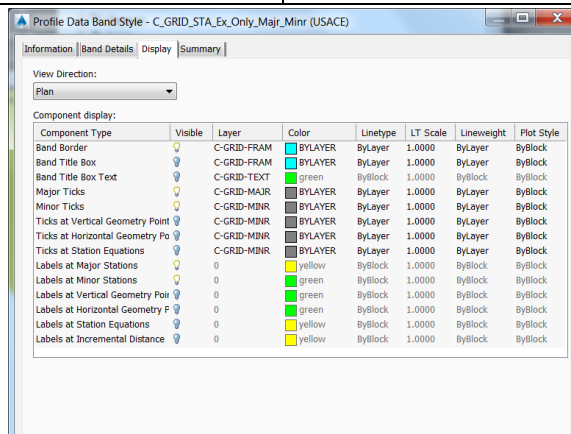
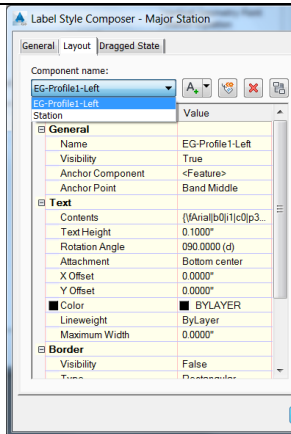
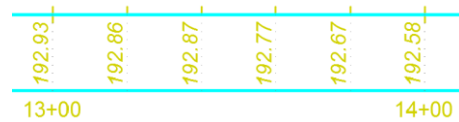
Profile View PROFILE DATA Band (7)

Name: C_GRID_STA_Ex_Only_Majr_Minr (USACE)

Description: Station & Ex ONLY @ Major & Minor Grids (0.5" height box)

Remember to set Profile 1 in Profile View Properties

****Ex text is Hard Coded Italic****

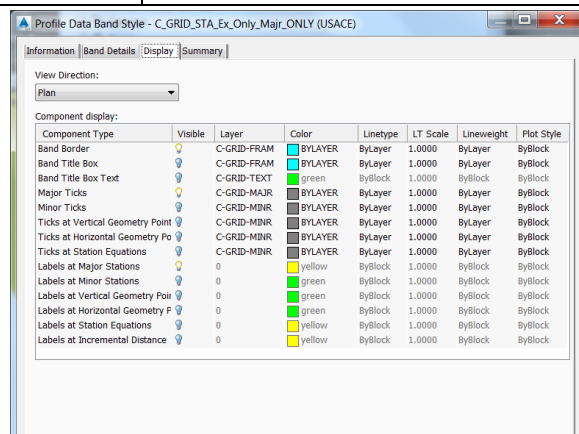
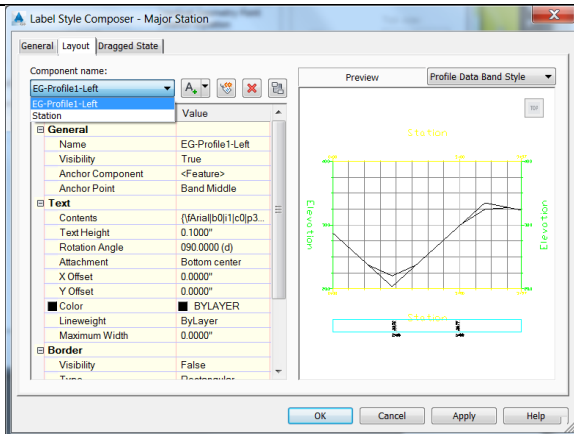
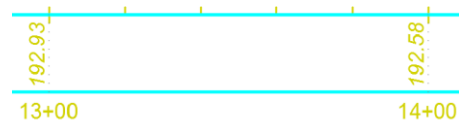


Name: C_GRID_STA_Ex_Only_Majr_ONLY (USACE)

Description: Station & Ex ONLY @ Major Grids ONLY (0.5" height box)

Remember to set Profile 1 in Profile View Properties

****Ex text is Hard Coded Italic****



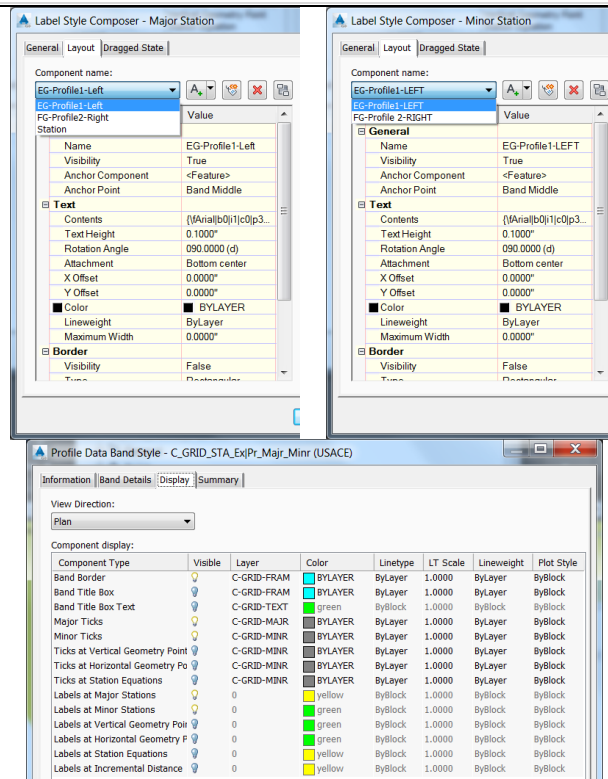
Name: C_GRID_STA_Ex|Pr_Majr_Minr (USACE)

Description: Station & Ex|Pr @ Major & Minor Grids (0.5" height box)

Remember to set Profile 1 & 2 in Profile View Properties

****Ex text is Hard Coded Italic****

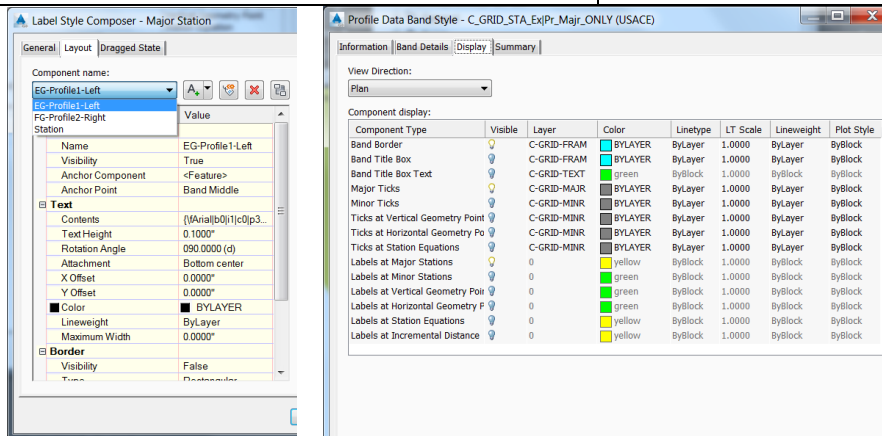
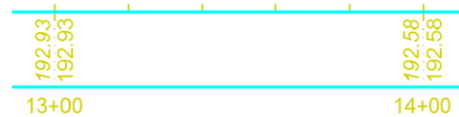




Name: C_GRID_STA_Ex|Pr_Majr_ONLY (USACE)

Description: Station & Ex|Pr @ Major ONLY (0.5" height box)
Remember to set Profile 1 & 2 in Profile View Properties

****Ex text is Hard Coded Italic****

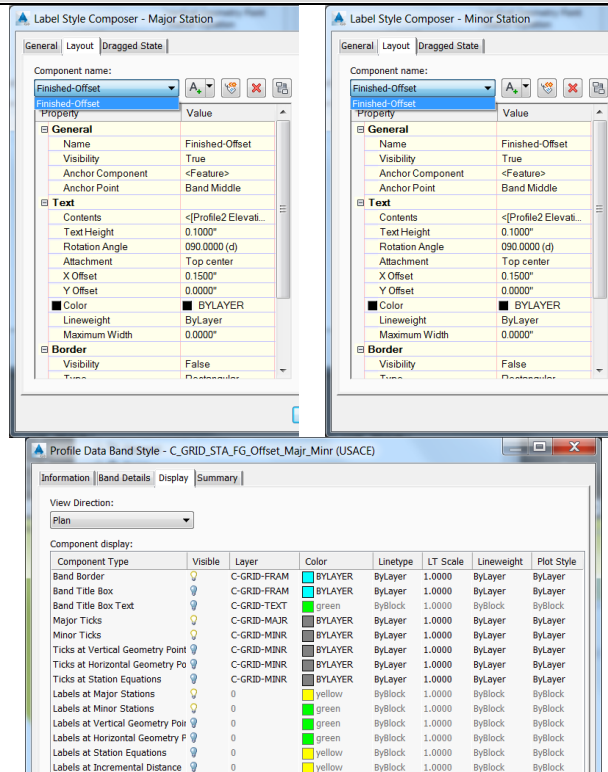


Name: C_GRID_STA_FG_Offset_Majr_Minr (USACE)

Description: EXTRA "FG" 3rd ROW - Profile 2 @ Major & Minor Grids
(0.5" height box - set to NO PLOT)

****Band Offset will Have to be shifted -.5 Offset****

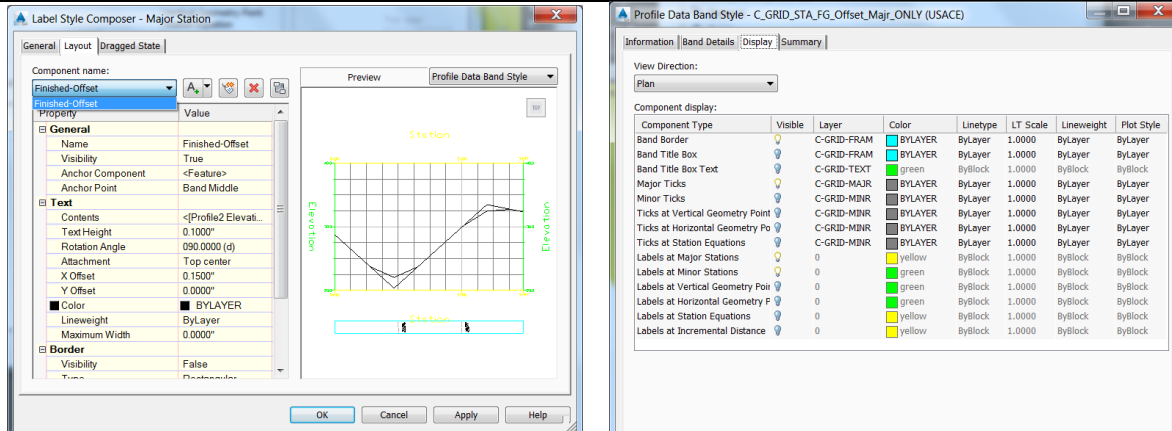




Name: C_GRID_STA_FG_Offset_Majr_ONLY (USACE)
Description: EXTRA "FG" 3rd ROW - Profile 2 @ Major ONLY Grids
 (0.5" height box - set to NO PLOT)



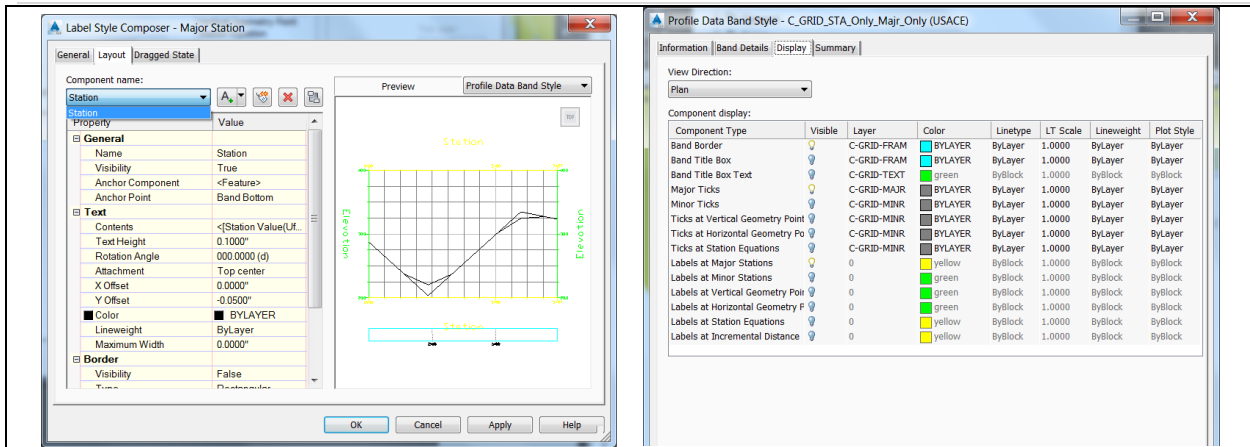
****Band Offset will Have to be shifted -.5 Offset ****



Name: C_GRID_STA_Only_Majr_Only (USACE)
Description: Station ONLY @ Major Grids ONLY (0.5" height box)



****For Use when NO Bands are Necessary****



Profile View VERTICAL GEOMETRY Band (0)

< NONE >

Profile View HORIZONTAL GEOMETRY Band (0)

< NONE >

Profile View SUPERELEVATION DATA Band (0)

< NONE >

Profile View SECTIONAL DATA Band (0)

< NONE >

Profile View PIPE NETWORK Band (0)

< NONE >

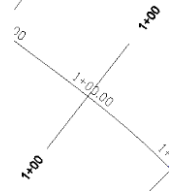
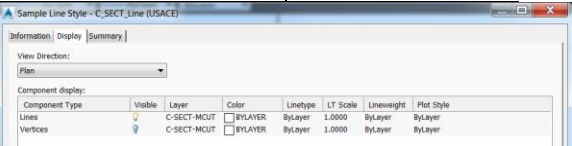
1.11 Superelevation View

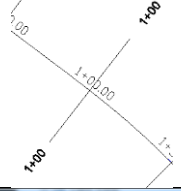
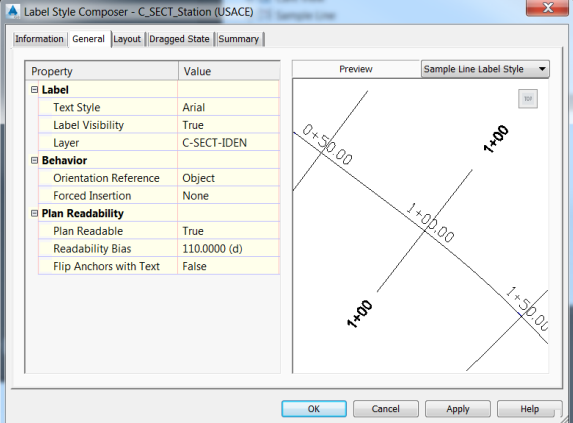
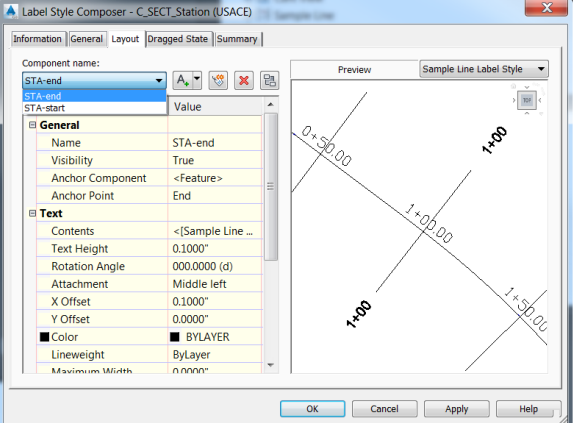
< NONE >

1.12 Cant View


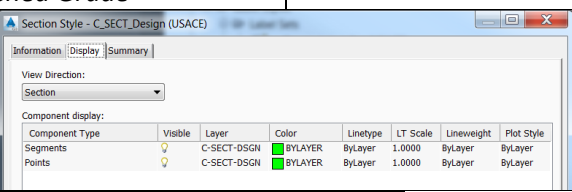



< NONE >

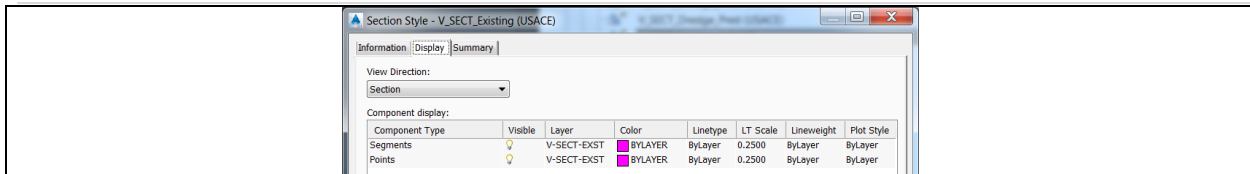
1.13 Sample Line


SAMPLE LINE																									
Object Style (1)																									
<p>Name: C_SECT_Line (USACE)</p> <p>Description: Sample Line "Cross Section"</p>																									
 <table border="1"><thead><tr><th>Component Type</th><th>Visible</th><th>Layer</th><th>Color</th><th>Linetype</th><th>LT Scale</th><th>Lineweight</th><th>Plot Style</th></tr></thead><tbody><tr><td>Lines</td><td><input checked="" type="checkbox"/></td><td>C-SECT-MCUT</td><td>BYLAYER</td><td>ByLayer</td><td>1.0000</td><td>ByLayer</td><td>ByLayer</td></tr><tr><td>Vertices</td><td><input checked="" type="checkbox"/></td><td>C-SECT-MCUT</td><td>BYLAYER</td><td>ByLayer</td><td>1.0000</td><td>ByLayer</td><td>ByLayer</td></tr></tbody></table>		Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style	Lines	<input checked="" type="checkbox"/>	C-SECT-MCUT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer	Vertices	<input checked="" type="checkbox"/>	C-SECT-MCUT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
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Lines	<input checked="" type="checkbox"/>	C-SECT-MCUT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer																		
Vertices	<input checked="" type="checkbox"/>	C-SECT-MCUT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer																		

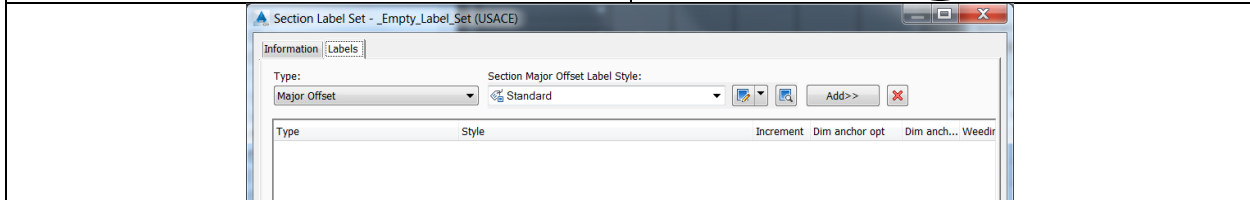
Sample Line LABEL Style (1)																																																													
<p>Name: C_SECT_Station (USACE)</p> <p>Description: Adds Station Value Annotation to Left and Right of Sample Line</p>																																																													
 <table border="1"><thead><tr><th>Property</th><th>Value</th></tr></thead><tbody><tr><td>Label</td><td></td></tr><tr><td>Text Style</td><td>Arial</td></tr><tr><td>Label Visibility</td><td>True</td></tr><tr><td>Layer</td><td>C-SECT-IDEN</td></tr><tr><td>Behavior</td><td></td></tr><tr><td>Orientation Reference</td><td>Object</td></tr><tr><td>Forced Insertion</td><td>None</td></tr><tr><td>Plan Readability</td><td></td></tr><tr><td>Plan Readable</td><td>True</td></tr><tr><td>Readability Bias</td><td>110.0000 (d)</td></tr><tr><td>Flip Anchors with Text</td><td>False</td></tr></tbody></table>	Property	Value	Label		Text Style	Arial	Label Visibility	True	Layer	C-SECT-IDEN	Behavior		Orientation Reference	Object	Forced Insertion	None	Plan Readability		Plan Readable	True	Readability Bias	110.0000 (d)	Flip Anchors with Text	False	 <table border="1"><thead><tr><th>Component name:</th><th>Value</th></tr></thead><tbody><tr><td>STA-end</td><td></td></tr><tr><td>STA-start</td><td></td></tr><tr><td>General</td><td></td></tr><tr><td>Name</td><td>STA-end</td></tr><tr><td>Visibility</td><td>True</td></tr><tr><td>Anchor Component</td><td><Feature></td></tr><tr><td>Anchor Point</td><td>End</td></tr><tr><td>Text</td><td></td></tr><tr><td>Contents</td><td><[Sample Line ...</td></tr><tr><td>Text Height</td><td>0.1000"</td></tr><tr><td>Rotation Angle</td><td>000.0000 (d)</td></tr><tr><td>Attachment</td><td>Middle left</td></tr><tr><td>X Offset</td><td>0.1000"</td></tr><tr><td>Y Offset</td><td>0.0000"</td></tr><tr><td>Color</td><td>BYLAYER</td></tr><tr><td>Lineweight</td><td>ByLayer</td></tr><tr><td>Maximum Width</td><td>0.0000"</td></tr></tbody></table>	Component name:	Value	STA-end		STA-start		General		Name	STA-end	Visibility	True	Anchor Component	<Feature>	Anchor Point	End	Text		Contents	<[Sample Line ...	Text Height	0.1000"	Rotation Angle	000.0000 (d)	Attachment	Middle left	X Offset	0.1000"	Y Offset	0.0000"	Color	BYLAYER	Lineweight	ByLayer	Maximum Width	0.0000"
Property	Value																																																												
Label																																																													
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Name	STA-end																																																												
Visibility	True																																																												
Anchor Component	<Feature>																																																												
Anchor Point	End																																																												
Text																																																													
Contents	<[Sample Line ...																																																												
Text Height	0.1000"																																																												
Rotation Angle	000.0000 (d)																																																												
Attachment	Middle left																																																												
X Offset	0.1000"																																																												
Y Offset	0.0000"																																																												
Color	BYLAYER																																																												
Lineweight	ByLayer																																																												
Maximum Width	0.0000"																																																												

1.14 Section

SECTION	
Object Style (7)	
Name: C_SECT_Design (USACE) Description: Proposed Finished Grade	
	
Name: C_SECT_Excavation (USACE) Description: Proposed Excavation Limit (Datum)	
	
Name: C_SECT_Water_Surface (USACE) Description: Water Surface	
	
Name: G_SECT_By_Layer (USACE) Description: Object will take on the Properties of the Host Layer.	
	
Name: V_SECT_Dredge_After (USACE) Description: After Dredge Depth	
	
Name: V_SECT_Dredge_Pred (USACE) Description: Existing Pre-Dredge Surface	
	
Name: V_SECT_Existing (USACE) Description: Existing Grade	



Section LABEL Styles	
Label Sets (1)	
Name: <i>_Empty_Label_Set (USACE)</i> Description: <i>No Labels</i>	



Section MAJOR OFFSET (0)
< NONE >

Section MINOR OFFSET (0)
< NONE >

Section GRADE BREAK (0)
< NONE >

Section SEGMENT (0)
< NONE >

Section CORRIDOR POINTS (0)
< NONE >

1.15 Section View

SECTION VIEW

Object Style (6)

Name: C_GIRD_Majr_Only_H5__V2_x1 (USACE)

Description: Elev Outside

H: 5 & 1

V: 2 & 1

No Exaggeration

Section View Style - C_GIRD_Majr_Only_H5__V2_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Vertical scale:
Vertical scale: 1" = 40'
Custom scale: 40.000
Current horizontal scale: 40
(From drawing settings)
Vertical exaggeration: 1.000
(= horizontal / vertical scale)

OK Cancel Apply Help

Section View Style - C_GIRD_Majr_Only_H5__V2_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Grid options
Clip vertical grid
Clip horizontal grid
Clip to highest section(s)
Omit grid in padding areas
Grid padding (major grids)
Above maximum elevation: 1.000
To left: 0.000
To right: 0.000
Below datum: 1.000
Axis offset (plotted units)
Above maximum elevation: 0.0000"
To left: 0.0000"
To right: 0.0000"
Below datum: 0.0000"

OK Cancel Apply Help

Section View Style - C_GIRD_Majr_Only_H5__V2_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
Top
Bottom
Major tick details
Interval: 5.00' Tick size: 0.1000"
Tick Justification: Bottom Text height: 0.1000"
Tick label text: <[Section View Point Offset]
Text style: Arial Rotation: 000.0000 (d)
X offset: 0.0000" Y offset: 0.0500"
Minor tick details
Interval: 1.00' Tick size: 0.0500"
Tick Justification: Bottom Text height: 0.1000"
Tick label text: <[Section View Point Offset]
Text style: Arial Rotation: 000.0000 (d)
X offset: 0.0000" Y offset: 0.0500"

OK Cancel Apply Help

Section View Style - C_GIRD_Majr_Only_H5__V2_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to
Center
Left
Right
Major tick details
Interval: 2.00' Tick size: 0.1000"
Tick Justification: Center Text height: 0.1000"
Tick label text: <[Section View Point Elevat]
Text style: Arial Rotation: 000.0000 (d)
X offset: -0.0500" Y offset: 0.0000"
Minor tick details
Interval: 1.00' Tick size: 0.0500"
Tick Justification: Right Text height: 0.1000"
Tick label text: <[Section View Point Elevat]
Text style: Arial Rotation: 000.0000 (d)
X offset: -0.0500" Y offset: 0.0000"

OK Cancel Apply Help

Section View Style - C_GIRD_Majr_Only_H5__V2_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

View Direction:
Plan
Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	LineWeight	Plot Sty
Graph Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis		C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Annotation Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Annotation Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Ticks Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Ticks Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis		C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Annotation Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Annotation Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Ticks Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Ticks Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis		C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Annotation Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Annotation Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Ticks Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Ticks Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis		C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Annotation Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Annotation Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Ticks Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Ticks Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis		C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Annotation Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Annotation Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Ticks Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Ticks Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Grid Horizontal Major		C-GRID-MAJR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid Horizontal Minor		C-GRID-MNJR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid Vertical Major		C-GRID-MAJR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid Vertical Minor		C-GRID-MNJR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid at Profile Grade Points		C-GRID-MNJR	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

OK Cancel Apply Help

USACE National Civil 3D Template

Page 231 of 316

9/20/2017

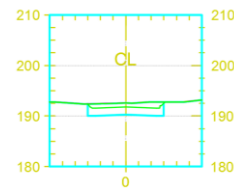
Name: C_GIRD_Majr_Only_H10__V10_x1 (USACE)

Description: Elev Outside

H: 10 & 5

V: 10 & 5

No Exaggeration



Section View Style - C_GIRD_Majr_Only_H10__V10_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Vertical scale:
Vertical scale: 1" = 40'
Current horizontal scale: 40
Vertical exaggeration: 1.000
Custom scale: 40.000
(From drawing settings) (= horizontal / vertical scale)

OK Cancel Apply Help

Section View Style - C_GIRD_Majr_Only_H10__V10_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Grid options:
☐ Clip vertical grid
☐ Clip horizontal grid
☐ Clip to highest section(s)
☐ Omit grid in padding areas

Grid padding (major grids):
Above maximum elevation: 1.000
To left: 0.000 To right: 0.000
Below datum: 1.000

Axis offset (plotted units):
Above maximum elevation: 0.0000"
To left: 0.0000" To right: 0.0000"
Below datum: 0.0000"

OK Cancel Apply Help

Section View Style - C_GIRD_Majr_Only_H10__V10_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
☒ Top
☐ Bottom

Major tick details:
Interval: 10.00' Tick size: 0.1000"
Tick Justification: Center Text height: 0.1000"

Minor tick details:
Interval: 5.00' Tick size: 0.0500"
Tick Justification: Bottom Text height: 0.1000"

Tick label text:
<[Section View Point Offset]

Text style: Arial Rotation: 000.0000 (d)
X offset: 0.0000" Y offset: 0.0500"

OK Cancel Apply Help

Section View Style - C_GIRD_Majr_Only_H10__V10_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to:
☒ Center
☐ Left
☐ Right

Major tick details:
Interval: 10.00' Tick size: 0.1000"
Tick Justification: Center Text height: 0.1000"

Minor tick details:
Interval: 5.00' Tick size: 0.0625"
Tick Justification: Right Text height: 0.1000"

Tick label text:
<[Section View Point Elevat]

Text style: Arial Rotation: 000.0000 (d)
X offset: -0.0500" Y offset: 0.0000"

OK Cancel Apply Help

Section View Style - C_GIRD_Majr_Only_H10__V10_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

View Direction: Plan

Component display:

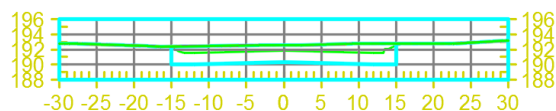
Component Type	Visible	Layer	Color	Linetype	LT Scale	LineWeight	Plot Sty
Graph Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis	<input checked="" type="checkbox"/>	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Title	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Annotation Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Annotation Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Ticks Major	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Ticks Minor	<input checked="" type="checkbox"/>	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Grid Horizontal Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid Horizontal Minor	<input checked="" type="checkbox"/>	C-GRID-MINR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid Vertical Major	<input checked="" type="checkbox"/>	C-GRID-MAJR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid Vertical Minor	<input checked="" type="checkbox"/>	C-GRID-MINR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid at Profile Grade Points	<input checked="" type="checkbox"/>	C-GRID-MINR	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

Name: C_GIRD_Majr_Only_H100__V10_x2 (USACE)

Description: Elev Outside [DREDGING]

H: 100/20

V: 10/2.5tick



X2 Exaggeration

Section View Style - C_GRID_Majr_Only_H100_V10_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Vertical scale

Vertical scale: 1" = 20' Current horizontal scale: 40 Vertical exaggeration: 2.000
(From drawing settings) (= horizontal / vertical scale)

Custom scale: 20.000

OK Cancel Apply Help

Section View Style - C_GRID_Majr_Only_H100_V10_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Graph view title

Text style: Arial Text height: 0.1000"

Title content: <[Section View Station|URL|FS|P2|RN|AP|Sn|TP]

Title position: Location: Bottom Justification: Center

X offset: 0.0000" Y offset: -0.5000" Gap: 0.1000"

Axis title text

Top Left Center Right Bottom

Title text: CL Location: Top Rotation: 000.0000 (d) Text style: Arial Text height: 0.1250" X offset: 0.0000" Y offset: -0.5000"

OK Cancel Apply Help

Section View Style - C_GRID_Majr_Only_H100_V10_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:

Top Bottom

Major tick details

Interval: 100.00' Tick size: 0.1000"

Tick Justification: Center Text height: 0.1000"

Tick label text: <[Section View Point Offset]

Text style: Arial Rotation: 000.0000 (d) X offset: 0.0000" Y offset: -0.0500"

Minor tick details

Interval: 5.00' Tick size: 0.0500"

Tick Justification: Bottom Text height: 0.1000"

Tick label text: <[Section View Point Offset]

Text style: Arial Rotation: 000.0000 (d) X offset: 0.0000" Y offset: -0.0500"

OK Cancel Apply Help

Section View Style - C_GRID_Majr_Only_H100_V10_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to:

Center Left Right

Major tick details

Interval: 100.00' Tick size: 0.1000"

Tick Justification: Center Text height: 0.1000"

Tick label text: <[Section View Point Elevat]

Text style: Arial Rotation: 000.0000 (d) X offset: -0.0500" Y offset: 0.0000"

Minor tick details

Interval: 2.50' Tick size: 0.0500"

Tick Justification: Right Text height: 1.0000"

Tick label text: <[Section View Point Elevat]

Text style: Arial Rotation: 000.0000 (d) X offset: -0.0500" Y offset: 0.0000"

OK Cancel Apply Help

Section View Style - C_GRID_Majr_Only_H100_V10_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	LineWeight	Plot Sty
Graph Title	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis	✓	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Title	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Annotation Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Annotation Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Ticks Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Ticks Minor	✓	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis	✓	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Title	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Annotation Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Annotation Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Ticks Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Ticks Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis	✓	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Title	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Annotation Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Annotation Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Ticks Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Ticks Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis	✓	C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Title	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Annotation Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Annotation Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Ticks Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Ticks Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis	✓	C-GRID-ONTR	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Title	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Annotation Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Annotation Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Ticks Major	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Ticks Minor	✓	C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Grid Horizontal Major	✓	C-GRID-MAJR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid Horizontal Minor	✓	C-GRID-MINR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid Vertical Major	✓	C-GRID-MAJR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid Vertical Minor	✓	C-GRID-MINR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid at Profile Grade Points	✓	C-GRID-MINR	blue	ByLayer	1.0000	ByLayer	ByLayer

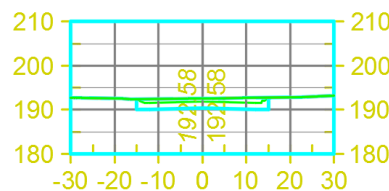
Name: C_GRID_Majr_Minr_H10/5_V10/5_x1 (USACE)

Description: Elev Outside

H: 10 & 5

V: 10 & 5

No Exaggeration



Section View Style - C_GRID_Majr_Minr_H10[5_V10[5_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Vertical scale:
 Vertical scale: 1" = 40'
 Custom scale: 40.000

Current horizontal scale: 40
 (From drawing settings)

Vertical exaggeration: 1.000
 (= horizontal / vertical scale)

OK Cancel Apply Help

Section View Style - C_GRID_Majr_Minr_H10[5_V10[5_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Grid options:
☐ Clip vertical grid
☐ Clip horizontal grid
☐ Clip to highest section(s)
☐ Omit grid in padding areas

Grid padding (major grids):
 Above maximum elevation: 1.000
 To left: 0.000 To right: 0.000
 Below datum: 1.000

Axis offset (plotted units):
 Above maximum elevation: 0.0000"
 To left: 0.0000" To right: 0.0000"
 Below datum: 0.0000"

OK Cancel Apply Help

Section View Style - C_GRID_Majr_Minr_H10[5_V10[5_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
☐ Top
☒ Bottom

Major tick details:
 Interval: 10.00' Tick size: 0.1000"
 Tick Justification: Center Text height: 0.1000"

Minor tick details:
 Interval: 5.00' Tick size: 0.0500"
 Tick Justification: Bottom Text height: 0.1000"

Tick label text:
 <[Section View Point Offset]

Text style: Arial Rotation: 000.0000 (d)
 X offset: 0.0000" Y offset: -0.0500"

OK Cancel Apply Help

Section View Style - C_GRID_Majr_Minr_H10[5_V10[5_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to:
☐ Center
☒ Left
☐ Right

Major tick details:
 Interval: 10.00' Tick size: 0.1000"
 Tick Justification: Center Text height: 0.1000"

Minor tick details:
 Interval: 5.00' Tick size: 0.0500"
 Tick Justification: Right Text height: 0.1000"

Tick label text:
 <[Section View Point Elevat]

Text style: Arial Rotation: 000.0000 (d)
 X offset: -0.0500" Y offset: 0.0000"

OK Cancel Apply Help

Section View Style - C_GRID_Majr_Minr_H10[5_V10[5_x1 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	LineWeight	Plot Sty
Graph Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis		C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Annotation Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Annotation Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Ticks Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Ticks Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis		C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Annotation Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Annotation Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Ticks Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Ticks Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis		C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Annotation Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Annotation Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Ticks Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Ticks Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis		C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Annotation Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Annotation Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Ticks Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Ticks Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis		C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Annotation Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Annotation Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Ticks Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Ticks Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Grid Horizontal Major		C-GRID-MAJR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid Horizontal Minor		C-GRID-MINR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid Vertical Major		C-GRID-MAJR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid Vertical Minor		C-GRID-MINR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid at Profile Grade Points		C-GRID-MINR	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

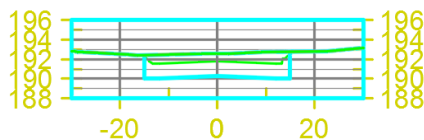
Name: C_GRID_Majr_Minr_H20/10_V2/1_x2 (USACE)

Description: Elev Outside

H: 20 & 10

V: 2 & 1

No Exaggeration



Section View Style - C_GRID_Majr_Minr_H20|10_V2|1_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Vertical scale:
 Vertical scale: 1" = 20'
 Custom scale: 20.000

Current horizontal scale: 40
 (From drawing settings)

Vertical exaggeration: 2.000
 (= horizontal / vertical scale)

OK Cancel Apply Help

Section View Style - C_GRID_Majr_Minr_H20|10_V2|1_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Grid options:
☐ Clip vertical grid
☐ Clip horizontal grid
☐ Clip to highest section(s)
☐ Omit grid in padding areas

Grid padding (major grids):
 Above maximum elevation: 1.000
 To left: 0.000 To right: 0.000
 Below datum: 1.000

Axis offset (plotted units):
 Above maximum elevation: 0.0000"
 To left: 0.0000" To right: 0.0000"
 Below datum: 0.0000"

OK Cancel Apply Help

Section View Style - C_GRID_Majr_Minr_H20|10_V2|1_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to control:
☐ Top
☒ Bottom

Major tick details:
 Interval: 20.00' Tick size: 0.1000"
 Tick Justification: Center Text height: 0.1000"

Minor tick details:
 Interval: 10.00' Tick size: 0.0500"
 Tick Justification: Bottom Text height: 0.1000"

Tick label text:
 <[Section View Point Offset]

Text style: Arial Rotation: 000.0000 (d)
 X offset: 0.0000" Y offset: -0.0500"

OK Cancel Apply Help

Section View Style - C_GRID_Majr_Minr_H20|10_V2|1_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

Select axis to:
☐ Center
☒ Left
☐ Right

Major tick details:
 Interval: 2.00' Tick size: 0.1000"
 Tick Justification: Center Text height: 0.1000"

Minor tick details:
 Interval: 1.00' Tick size: 0.0500"
 Tick Justification: Right Text height: 0.1000"

Tick label text:
 <[Section View Point Elevat]

Text style: Arial Rotation: 000.0000 (d)
 X offset: -0.0500" Y offset: 0.0000"

OK Cancel Apply Help

Section View Style - C_GRID_Majr_Minr_H20|10_V2|1_x2 (USACE)

Information | Graph | Grid | Title Annotation | Horizontal Axes | Vertical Axes | Display | Summary

View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	LineWeight	Plot Sty
Graph Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis		C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Annotation Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Annotation Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Ticks Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Left Axis Ticks Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis		C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Annotation Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Annotation Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Ticks Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Right Axis Ticks Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis		C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Annotation Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Annotation Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Ticks Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Top Axis Ticks Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis		C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Annotation Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Annotation Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Ticks Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Bottom Axis Ticks Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis		C-GRID-FRAM	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Title		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Annotation Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Annotation Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Ticks Major		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Center Axis Ticks Minor		C-GRID-TEXT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Grid Horizontal Major		C-GRID-MAJR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid Horizontal Minor		C-GRID-MINR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid Vertical Major		C-GRID-MAJR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid Vertical Minor		C-GRID-MINR	BYLAYER	ByLayer	0.2500	ByLayer	ByLayer
Grid at Profile Grade Points		C-GRID-MINR	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

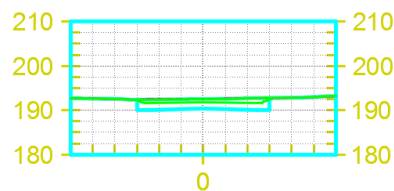
Name: C_GRID_Majr_Minr_H50|5_V10|2-5_x2 (USACE)

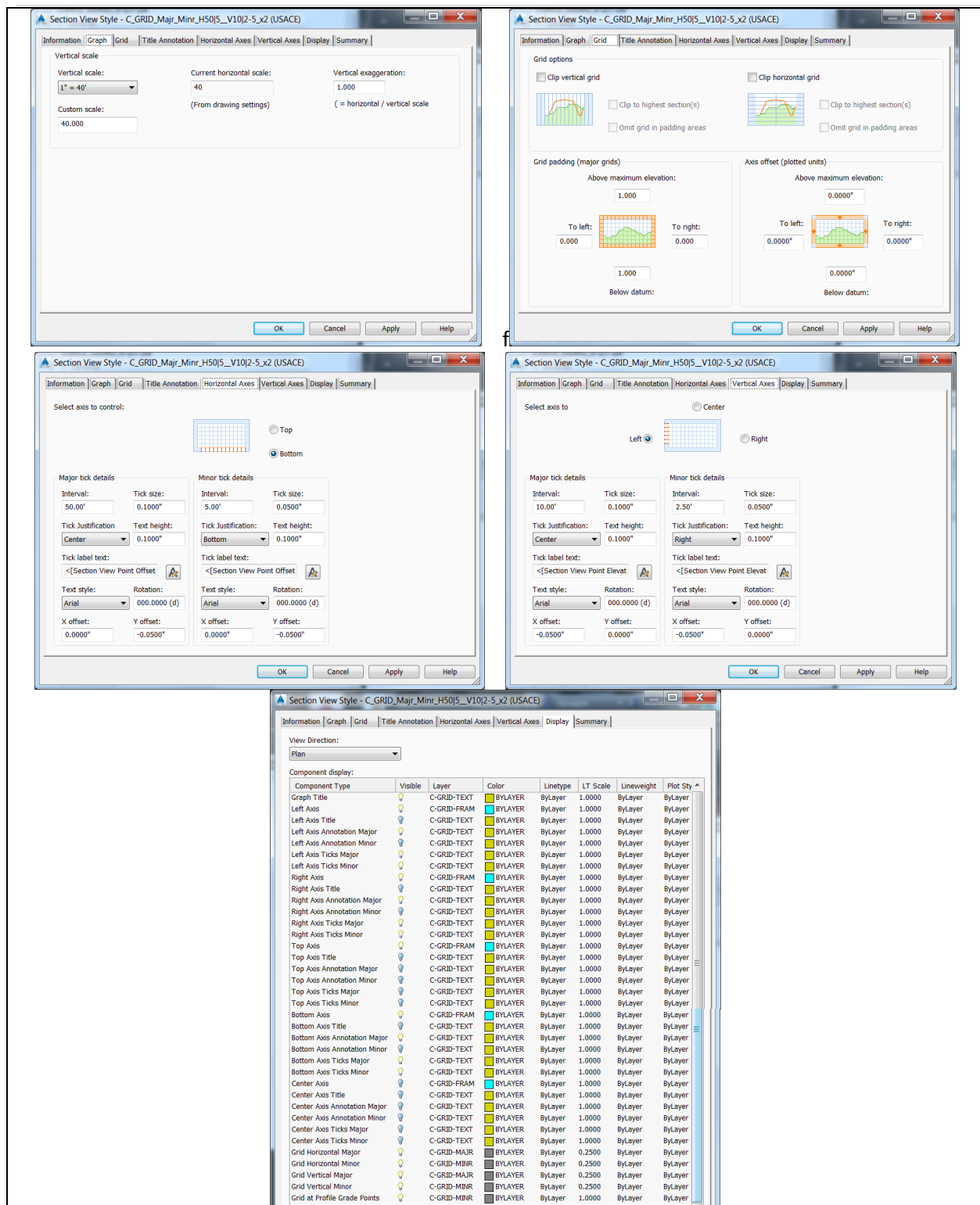
Description: Elev Outside

H: 50 & 5

V: 10 & 2.5

No Exaggeration



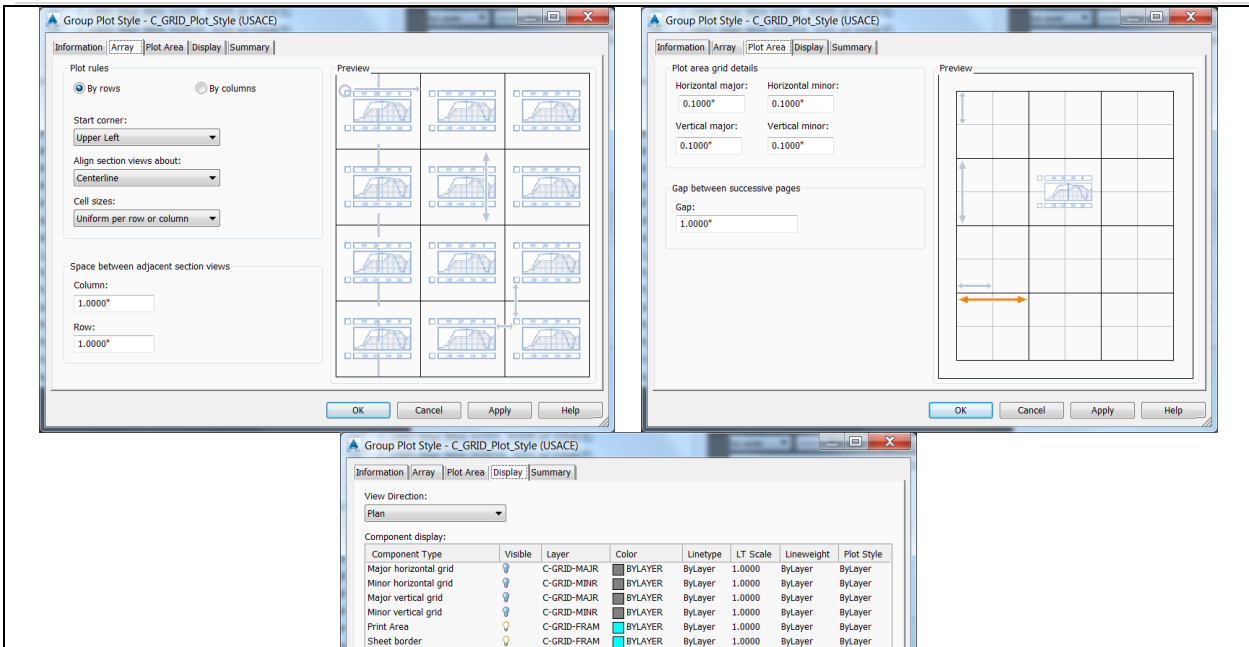


Section View GROUP PLOT Style

Object Style (1)

Name: C_GRID_Plot_Style (USACE)

Description: Upper Left Start with 1" GAP

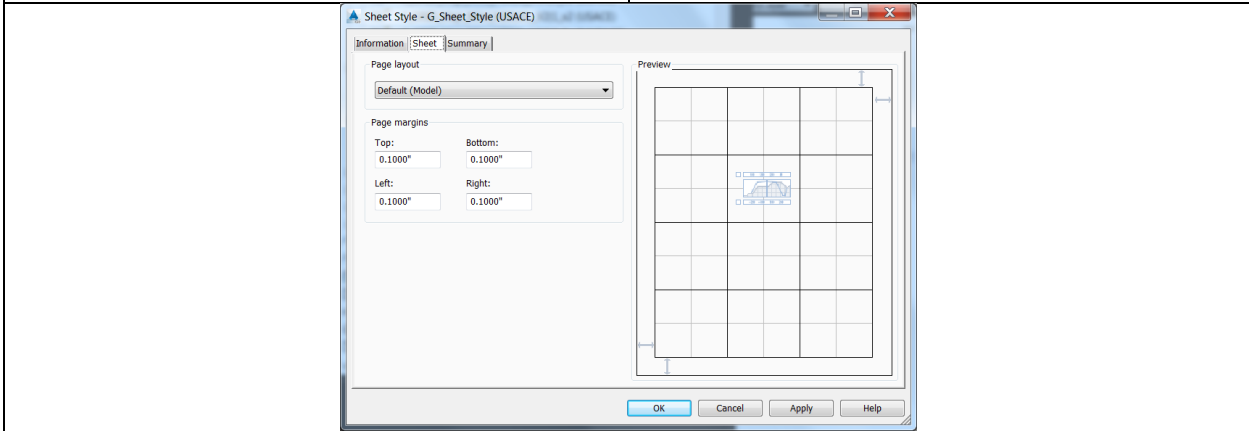


Section View SHEET Style

Object Style (#)

Name: G_Sheet_Style (USACE)

Description: Will Use MODEL Space Sheet Configuration



Section View LABELS

Offset Elevation (2)

Name: C_SECT_Elev_Only [v] (USACE)

Description: VERTICAL
Elevation Only

+ EL. 156.20

Label Style Composer - C_SECT_Stat_over_Elev [v] (USA)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-SECT-IDEN
Behavior	
Orientation Reference	View
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_SECT_Stat_over_Elev [v] (USAC)

Information | General | Layout | Dragged State | Summary

Component name: Text

Property	Value
General	
Name	Text
Visibility	True
Anchor Component	Tick
Anchor Point	Top Center
Text	
Contents	OFF. <[Section Vi...
Text Height	0.1000"
Rotation Angle	090.0000 (d)
Attachment	Middle left
X Offset	0.0000"
Y Offset	0.0250"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Turn	Particular

Name: C_SECT_Stat_over_Elev [v] (USACE)

Description: VERTICAL Station over Elevation

OFF. 255.41
+ EL. 155.03

Label Style Composer - C_SECT_Stat_over_Elev [v] (USA)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-SECT-IDEN
Behavior	
Orientation Reference	View
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_SECT_Stat_over_Elev [v] (USAC)

Information | General | Layout | Dragged State | Summary

Component name: Text

Property	Value
General	
Name	Text
Visibility	True
Anchor Component	Tick
Anchor Point	Top Center
Text	
Contents	OFF. <[Section Vi...
Text Height	0.1000"
Rotation Angle	090.0000 (d)
Attachment	Middle left
X Offset	0.0000"
Y Offset	0.0250"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Turn	Particular

Section View GRADE Label Style (4)

Name: C_SECT_Depth (USACE)

Description: 0.0X' with Arrow

-9.42'

Label Style Composer - C_SECT_Depth (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-SECT-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_SECT_Depth (USACE)

Information | General | Layout | Dragged State | Summary

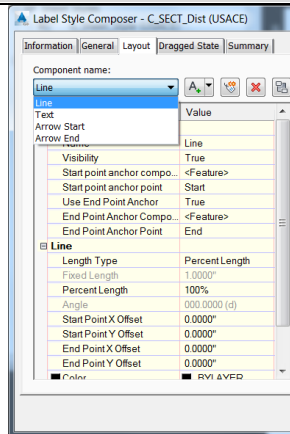
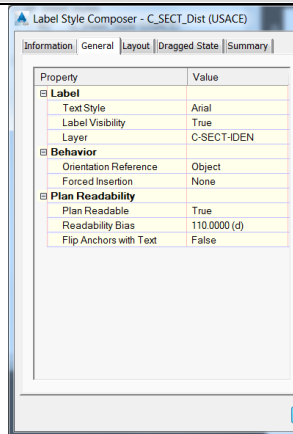
Component name: Line

Property	Value
General	
Visibility	True
Start point anchor compo	<Feature>
Start point anchor point	Start
Use End Point Anchor	True
End Point Anchor Compo	<Feature>
End Point Anchor Point	End
Line	
Length Type	Percent Length
Fixed Length	1.0000'
Percent Length	100%
Angle	000.0000 (d)
Start Point X Offset	0.0000"
Start Point Y Offset	0.0000"
End Point X Offset	0.0000"
End Point Y Offset	0.0000"
Color	BYLAYER

Name: C_SECT_Dist (USACE)

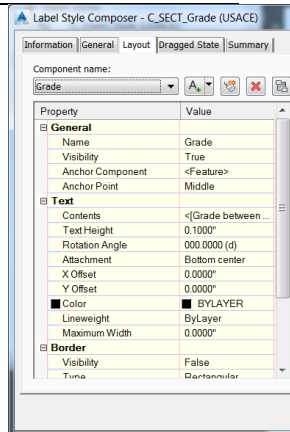
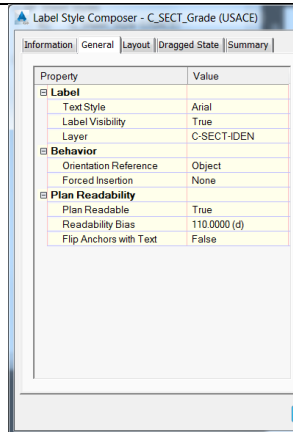
Description: 0.0X' with Arrow

34.79'



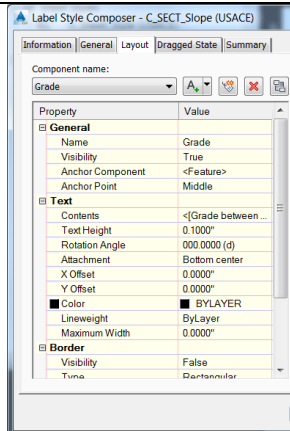
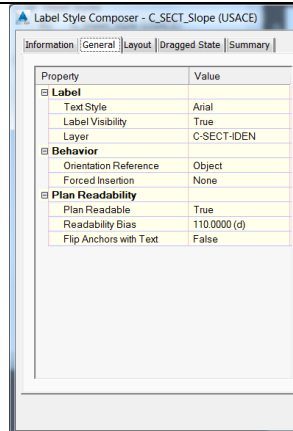
Name: C_SECT_Grade (USACE)
Description: Percent (%) NO Line

-5.26%



Name: C_SECT_Slope (USACE)
Description: Slope (X:1) No Line

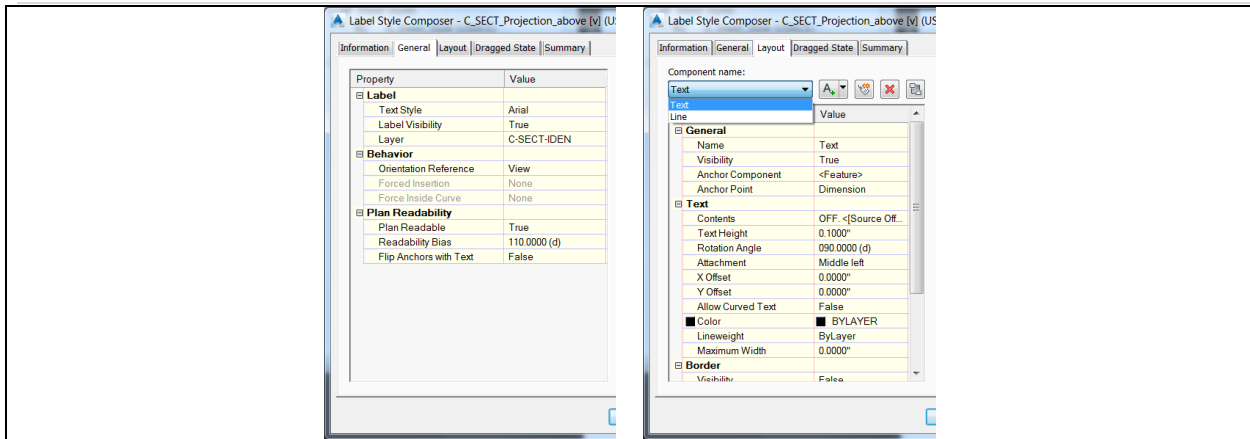
-18.99:1



Section View PROJECTION Label Style (1)

Name: C_SECT_Projection_above [v] (USACE)
Description: VERTICAL
 Offset OVER Elevation

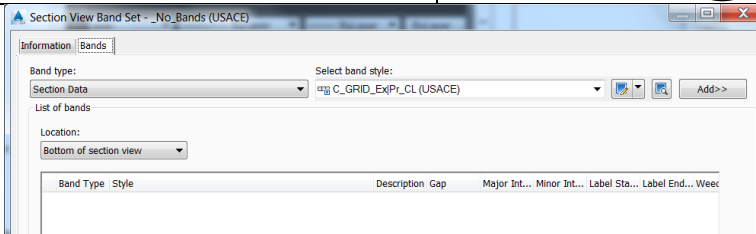
OFF. -3.60
 SOURCE EL. 0.00



Section View Band Styles

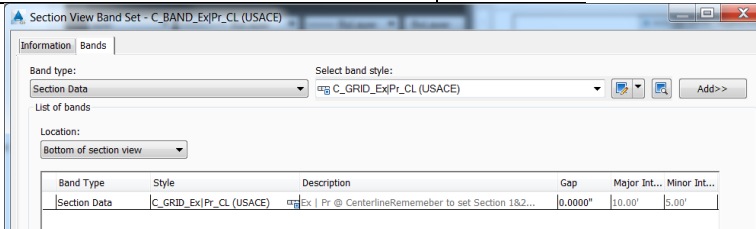
Band Sets (2)

Name: _No_Bands (USACE)
Description: Empty Band Set



Name: C_BAND_Ex|Pr_CL (USACE)
Description: Ex | Pr elevations at Centerline Inside Grid

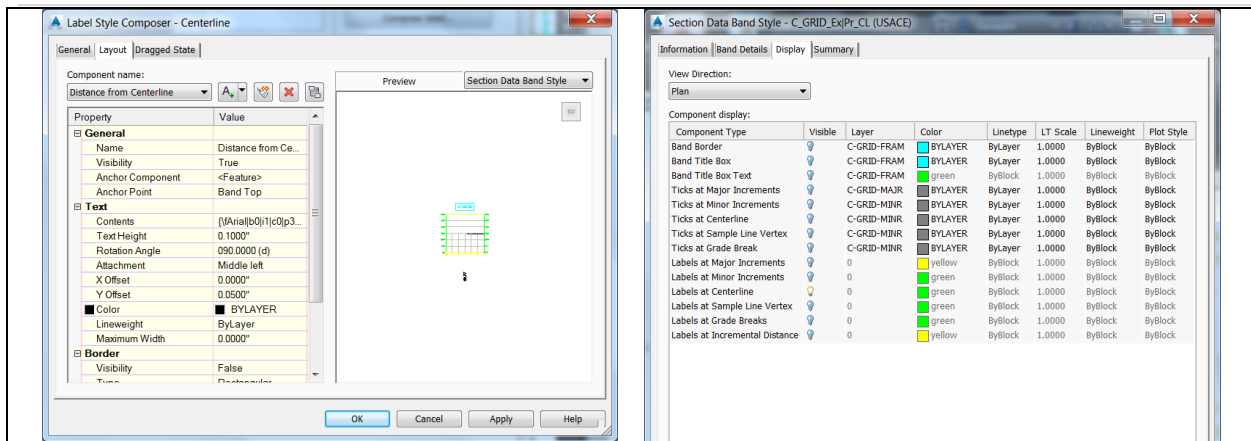
**** Set Section 1 & 2 in Section View Properties****



Band Styles: SECTION DATA (#)

Name: C_GRID_Ex|Pr_CL (USACE)
Description: Ex | Pr @ Centerline
Remember to set Section 1&2 in Section View Properties





Band Styles: SECTION SEGMENT (#)

< NONE >

Section View TABLE Styles

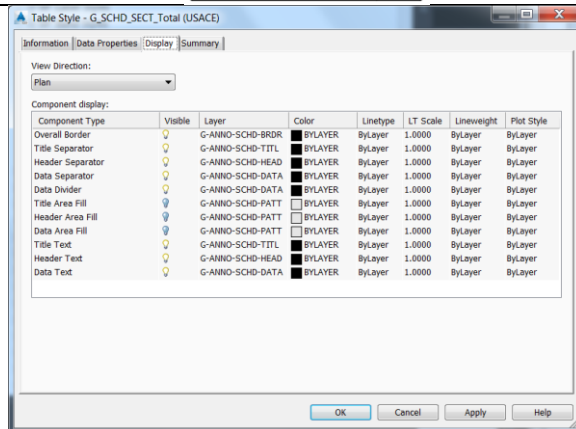
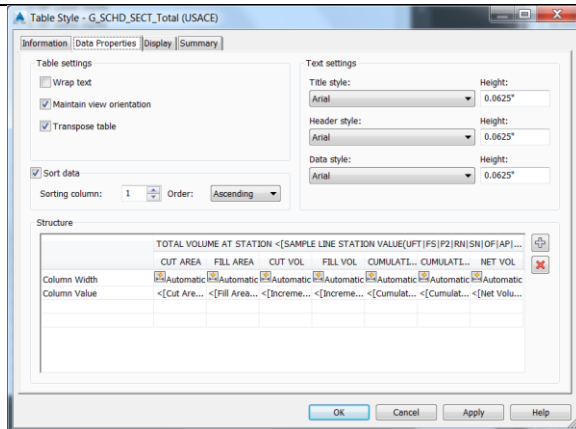
Total Volume (1)

Name: G_SCHD_SECT_Total (USACE)

Description: Cut & Fill

Area | Vol | Cumulative | NET

TOTAL VOLUME AT STATION 20+00.00	
CUT AREA	0.00
CUMULATIVE CUT VOL	0.00
CUMULATIVE FILL VOL	0.00
CUT VOL	0.00
FILL AREA	0.00
FILL VOL	0.00
NET VOL	0.00



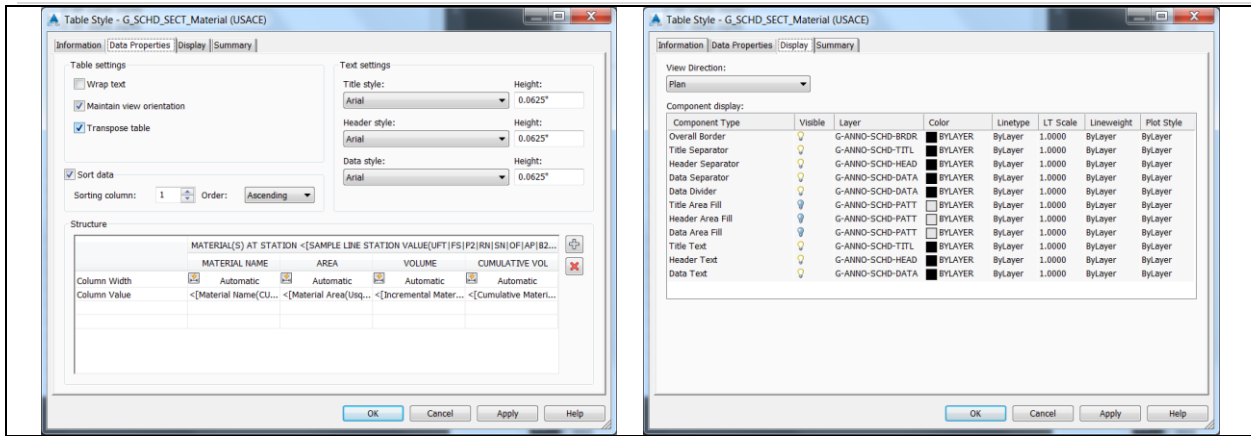
Material (1)

Name: G_SCHD_SECT_Material (USACE)

Description: Corridor

Material | Area | Vol | Cumulative

MATERIAL(S) AT STATION 20+00.00		
MATERIAL NAME	GROUND REMOVED	GROUND FILL
AREA	0.00	0.00
CUMULATIVE VOL	2235.11	98.59
VOLUME	0.00	0.00



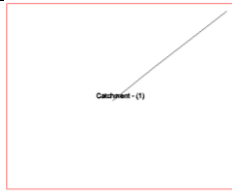
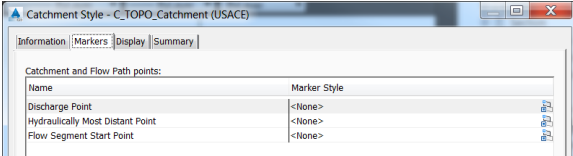
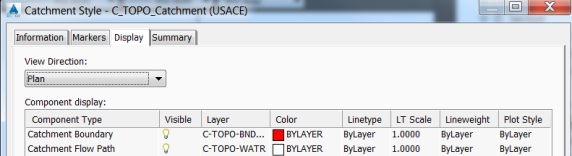
1.16 Mass Haul Line

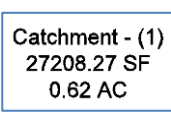
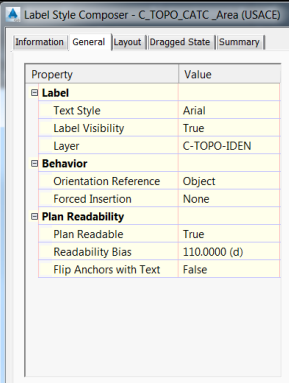
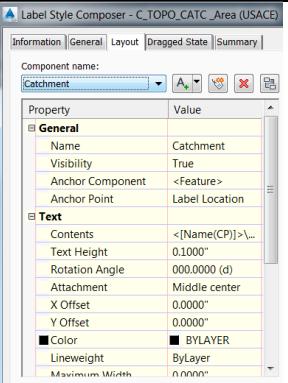
< NONE >

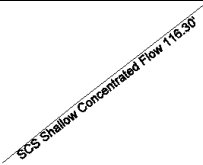
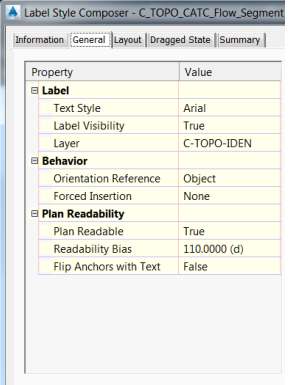
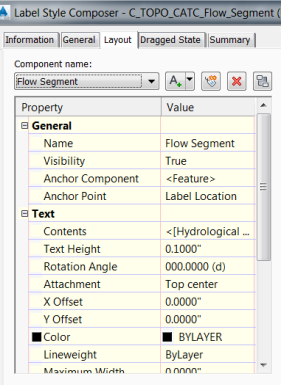
1.17 Mass Haul View

< NONE >

1.18 Catchment

CATCHMENT	
Object Style ()	
Name: <i>C_TOPO_Catchment (USACE)</i> Description: <i>Topo Catchment Areas</i>	
	

Catchment LABEL Styles	
Area (#)	
Name: <i>C_TOPO_CATC_Area (USACE)</i> Description: <i>Name</i> <i>SF</i> <i>AC</i>	
	

Flow Segmnet (#)	
Name: <i>C_TOPO_CATC_Flow_Segment (USACE)</i> Description: <i>Name and Distance</i>	
	

1.19 Pipe Network (gravity)

PIPE NETWORK (gravity)

Parts List (4)

C_SSWR_List (USACE)

Proposed Sanitary Sewer

PIPES

Network Parts List - C_SSWR_List (USACE)

Name	Style	Rules	Render Material	Pay Item
C_SSWR_List (USACE)				
Ductile Iron Pipe				
2" DIP	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
3" DIP	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
4" DIP	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
6" DIP	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
8" DIP	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
10" DIP	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
12" DIP	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
14" DIP	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
16" DIP	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
18" DIP	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
20" DIP	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
24" DIP	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
30" DIP	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
36" DIP	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
PVC Pipe				
4" PVC	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
6" PVC	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
8" PVC	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
10" PVC	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
12" PVC	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
15" PVC	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
18" PVC	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
21" PVC	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
24" PVC	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
27" PVC	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
30" PVC	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
36" PVC	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
42" PVC	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]
48" PVC	C_SSWR_MAIN_CL (USACE)	C_SSWR_Rules (USACE)	ByLayer	[none]

STRUCTURES

Network Parts List - C_SSWR_List (USACE)

Name	Style	Rules	Render Material	Pay Item
C_SSWR_List (USACE)				
Null Structure				
Null Structure	_NPLT_Null (USACE)	_No Rules (USACE)	ByLayer	[none]
Cylindrical Junction Structure NF				
MH	C_SSWR_JB_MH (USACE)	C-SSWR (USACE)	ByLayer	[none]
CO	C_STRM_FTTG (USACE)	C-SSWR (USACE)	ByLayer	[none]

C_STRM_List (USACE)

Proposed Storm

PIPES

Name	Style	Rules	Render Material	Pay Item
C_STRM_List (USACE)				
HDPE Pipe				
4" HDPE	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
6" HDPE	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
8" HDPE	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
10" HDPE	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
12" HDPE	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
14" HDPE	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
16" HDPE	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
18" HDPE	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
20" HDPE	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
24" HDPE	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
30" HDPE	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
36" HDPE	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
42" HDPE	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
48" HDPE	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
54" HDPE	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
60" HDPE	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
Corrugated Metal Pipe				
12 inch Corrugate...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
15 inch Corrugate...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
18 inch Corrugate...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
21 inch Corrugate...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
24 inch Corrugate...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
30 inch Corrugate...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
36 inch Corrugate...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
42 inch Corrugate...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
48 inch Corrugate...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
54 inch Corrugate...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
60 inch Corrugate...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
66 inch Corrugate...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
72 inch Corrugate...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
78 inch Corrugate...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
84 inch Corrugate...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
90 inch Corrugate...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
96 inch Corrugate...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
102 inch Corrugat...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
108 inch Corrugat...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
114 inch Corrugat...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
120 inch Corrugat...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
126 inch Corrugat...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
132 inch Corrugat...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
138 inch Corrugat...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
144 inch Corrugat...	C_STRM_CULV_double (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
PVC Pipe				
4.0 inch PVC Pipe	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
6.0 inch PVC Pipe	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
8.0 inch PVC Pipe	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
10.0 inch PVC Pipe	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
12.0 inch PVC Pipe	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
15.0 inch PVC Pipe	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
18.0 inch PVC Pipe	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
21.0 inch PVC Pipe	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
24.0 inch PVC Pipe	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
27.0 inch PVC Pipe	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
30.0 inch PVC Pipe	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
36.0 inch PVC Pipe	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
42.0 inch PVC Pipe	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
48.0 inch PVC Pipe	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
54.0 inch PVC Pipe	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]
60.0 inch PVC Pipe	C_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]

[illegible]

[illegible]

Network Parts List - C_STRM_List (USACE)					
Information Pipes Structures Summary					
Name	Style	Rules	Render Material	Pay Item	
C_STRM_List (USACE)					
Null Structure					
Null Structure	_NPLT_Null (USACE)	_No Rules (USACE)	ByLayer	[none]	
Concrete Flared End Section					
FES 12	C_STRM_HW (USACE)	_No Rules (USACE)	ByLayer	[none]	
FES 15	C_STRM_HW (USACE)	_No Rules (USACE)	ByLayer	[none]	
FES 18	C_STRM_HW (USACE)	_No Rules (USACE)	ByLayer	[none]	
FES 24	C_STRM_HW (USACE)	_No Rules (USACE)	ByLayer	[none]	
FES 30	C_STRM_HW (USACE)	_No Rules (USACE)	ByLayer	[none]	
FES 36	C_STRM_HW (USACE)	_No Rules (USACE)	ByLayer	[none]	
Cylindrical Junction Structure NF					
CO	C_STRM_FTTG (USACE)	C-STRM (USACE)	ByLayer	[none]	
MH	C_STRM_MH (USACE)	C-STRM (USACE)	ByLayer	[none]	
Rectangular Junction Structure NF					
YI	C_STRM_INLT (USACE)	C-STRM (USACE)	ByLayer	[none]	
CB	C_STRM_INLT (USACE)	C-STRM (USACE)	ByLayer	[none]	
CI	C_STRM_INLT (USACE)	C-STRM (USACE)	ByLayer	[none]	
Concrete Rectangular Box Culvert H...					
HW	C_STRM_HW (USACE)	_No Rules (USACE)	ByLayer	[none]	

V_SSWR_List (USACE)

Existing Sanitary Sewer

PIPES

Network Parts List - V_SSWR_List (USACE)					
Information Pipes Structures Summary					
Name	Style	Rules	Render Material	Pay Item	
V_SSWR_List (USACE)					
Ductile Iron Pipe					
2 inch Ductile Iron ...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
4 inch Ductile Iron ...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
6 inch Ductile Iron ...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
8 inch Ductile Iron ...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
10 inch Ductile Iro...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
12 inch Ductile Iro...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
14 inch Ductile Iro...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
16 inch Ductile Iro...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
18 inch Ductile Iro...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
20 inch Ductile Iro...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
24 inch Ductile Iro...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
30 inch Ductile Iro...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
36 inch Ductile Iro...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
42 inch Ductile Iro...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
48 inch Ductile Iro...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
54 inch Ductile Iro...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
60 inch Ductile Iro...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
64 inch Ductile Iro...	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
PVC Pipe					
4.0 inch PVC Pipe	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
6.0 inch PVC Pipe	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
8.0 inch PVC Pipe	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
10.0 inch PVC Pipe	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
12.0 inch PVC Pipe	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
15.0 inch PVC Pipe	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
18.0 inch PVC Pipe	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
21.0 inch PVC Pipe	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
24.0 inch PVC Pipe	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
27.0 inch PVC Pipe	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
30.0 inch PVC Pipe	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
36.0 inch PVC Pipe	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
42.0 inch PVC Pipe	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	
48.0 inch PVC Pipe	V_SSWR_MAIN_CL (USACE)	_No Rules (USACE)	ByLayer	[none]	

STRUCTURES

Network Parts List - V_SSWR_List (USACE)					
Information Pipes Structures Summary					
Name	Style	Rules	Render Material	Pay Item	
V_SSWR_List (USACE)					
Null Structure					
Null Structure	_NPLT_Null (USACE)	_No Rules (USACE)	ByLayer	[none]	
Simple Cylinder					
Ex Sewer MH	V_SSWR_JB_MH (USACE)	_No Rules (USACE)	ByLayer	[none]	

V_STRM_List (USACE)

Existing
Storm

PIPES

Network Parts List - V_STRM_List (USACE)					
Information Pipes Structures Summary					
Name	Style	Rules	Render Material	Pay Item	
V_STRM_List (USACE)					
HDPE Pipe					
4" HDPE	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
6" HDPE	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
8" HDPE	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
10" HDPE	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
12" HDPE	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
14" HDPE	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
16" HDPE	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
18" HDPE	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
20" HDPE	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
24" HDPE	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
30" HDPE	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
36" HDPE	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
42" HDPE	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
48" HDPE	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
54" HDPE	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
60" HDPE	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
Corrugated Metal Pipe					
12 inch Corrugate...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
15 inch Corrugate...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
18 inch Corrugate...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
21 inch Corrugate...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
24 inch Corrugate...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
30 inch Corrugate...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
36 inch Corrugate...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
42 inch Corrugate...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
48 inch Corrugate...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
54 inch Corrugate...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
60 inch Corrugate...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
66 inch Corrugate...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
72 inch Corrugate...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
78 inch Corrugate...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
84 inch Corrugate...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
90 inch Corrugate...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
96 inch Corrugate...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
102 inch Corrugat...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
108 inch Corrugat...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
114 inch Corrugat...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
120 inch Corrugat...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
126 inch Corrugat...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
132 inch Corrugat...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
138 inch Corrugat...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
144 inch Corrugat...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	

PVC Pipe					
4.0 inch PVC Pipe	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
6.0 inch PVC Pipe	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
8.0 inch PVC Pipe	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
10.0 inch PVC Pipe	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
12.0 inch PVC Pipe	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
15.0 inch PVC Pipe	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
18.0 inch PVC Pipe	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
21.0 inch PVC Pipe	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
24.0 inch PVC Pipe	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
27.0 inch PVC Pipe	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
30.0 inch PVC Pipe	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
36.0 inch PVC Pipe	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
42.0 inch PVC Pipe	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
48.0 inch PVC Pipe	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
54.0 inch PVC Pipe	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
60.0 inch PVC Pipe	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
Reinforced Concrete ...					
12 inch Concrete P...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
15 inch Concrete P...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
18 inch Concrete P...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
21 inch Concrete P...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
24 inch Concrete P...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
27 inch Concrete P...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
30 inch Concrete P...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
33 inch Concrete P...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
36 inch Concrete P...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
42 inch Concrete P...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
48 inch Concrete P...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
54 inch Concrete P...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
60 inch Concrete P...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
66 inch Concrete P...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
72 inch Concrete P...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
84 inch Concrete P...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
96 inch Concrete P...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
102 inch Concrete ...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
108 inch Concrete ...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
120 inch Concrete ...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
126 inch Concrete ...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
144 inch Concrete ...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
162 inch Concrete ...	V_STRM_MAIN_CL (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
Concrete Horizontal ...					
18 x 11 inch Concr...	V_STRM_CULV (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
22 x 13 inch Concr...	V_STRM_CULV (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
29 x 18 inch Concr...	V_STRM_CULV (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
36 x 23 inch Concr...	V_STRM_CULV (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
44 x 27 inch Concr...	V_STRM_CULV (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
51 x 31 inch Concr...	V_STRM_CULV (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
59 x 36 inch Concr...	V_STRM_CULV (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
65 x 40 inch Concr...	V_STRM_CULV (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
73 x 45 inch Concr...	V_STRM_CULV (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
88 x 54 inch Concr...	V_STRM_CULV (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
102 x 63 inch Conc...	V_STRM_CULV (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	
122 x 77 inch Conc...	V_STRM_CULV (USACE)	C_STRM_Rules (USACE)	ByLayer	[none]	

[illegible]

Network Parts List - V_STRM_List (USACE)					
Information Pipes Structures Summary					
Name	Style	Rules	Render Material	Pay Item	
[-] V_STRM_List (USACE)					
[-] Null Structure					
Null Structure	_NPLT_Null (USACE)	_No Rules (USACE)	ByLayer	[none]	
[-] Concrete Flared End Section					
FES 12	V_STRM_HW (USACE)	_No Rules (USACE)	ByLayer	[none]	
FES 15	V_STRM_HW (USACE)	_No Rules (USACE)	ByLayer	[none]	
FES 18	V_STRM_HW (USACE)	_No Rules (USACE)	ByLayer	[none]	
FES 24	V_STRM_HW (USACE)	_No Rules (USACE)	ByLayer	[none]	
FES 30	V_STRM_HW (USACE)	_No Rules (USACE)	ByLayer	[none]	
FES 36	V_STRM_HW (USACE)	_No Rules (USACE)	ByLayer	[none]	
[-] Cylindrical Junction Structure NF					
CO	V_SSWR_FTTG (USACE)	_No Rules (USACE)	ByLayer	[none]	
MH	V_STRM_MH (USACE)	_No Rules (USACE)	ByLayer	[none]	
[-] Rectangular Junction Structure NF					
YI	V_STRM_INLT (USACE)	_No Rules (USACE)	ByLayer	[none]	
CB	V_STRM_INLT (USACE)	_No Rules (USACE)	ByLayer	[none]	
CI	V_STRM_INLT (USACE)	_No Rules (USACE)	ByLayer	[none]	
[-] Concrete Rectangular Box Culvert H...					
HW	V_STRM_HW (USACE)	_No Rules (USACE)	ByLayer	[none]	

INTERFERENCE STYLES




Name: G_NPLT_Interference (USACE)
Description: Will Display True Solid (No Plot)

Interference Style - G_NPLT_Interference (USACE)

Information | View Options | Display | Summary

Symbol Options:

Marker Style:

 No_Display (USACE)  

Solid Options:

☒ Show true interference solid.

☐ Show as sphere

☐ Diameter by true solid extents

☒ User specified diameter

Options:

Use size in absolute units

Interference Style - G_NPLT_Interference (USACE)



Information | View Options | Display | Summary

View Direction:

Plan

Model

Section

	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Symbol		0	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Solid		G-ANNO-NPLT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

OK Cancel Apply Help

1.20 Pipe (gravity)

PIPE

Object Styles (14)

Name: C_SSWR_MAIN_CL (USACE)

Description: PROPOSED

PLAN: ---- centerline

PROF: == Inside Dim

1

Pipe Style - C_SSWR_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

Pipe wall sizes

☒ Use part dimensions

Size options:

Use size in absolute units

Inner diameter: 12.000" Outer diameter: 12.000"

Pipe end line size

☒ Draw to inner walls

Size options:

Use size in absolute units

inch: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☒ Align hatch to pipe

☒ Clean up pipe to pipe connections

Pipe centerline options

☒ By line weight

Size options:

Use size in absolute units

inch: 12.000"

OK Cancel Apply Help

Pipe Style - C_SSWR_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

Pipe wall sizes

☒ Use part dimensions

Size options:

Use size in absolute units

Inner diameter: 12.000" Outer diameter: 12.000"

Pipe end line size

☒ Draw to inner walls

Size options:

Use size in absolute units

inch: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☒ Align hatch to pipe

☒ Clean up pipe to pipe connections

Crossing pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

OK Cancel Apply Help

Pipe Style - C_SSWR_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

Display as hatched pipe

☒ Display as hatched pipe

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

OK Cancel Apply Help

Pipe Style - C_SSWR_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:

Section

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Line weight	Plot
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByBlock	1.0000	ByLayer	ByBloc
Sliced Solid Pipe Walls	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByBlock	1.0000	ByLayer	ByBloc
Sliced Solid Pipe Hatch	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByBlock	1.0000	ByLayer	ByBloc

OK Cancel Apply Help

Pipe Style - C_SSWR_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:

Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Line weight	Plot
Pipe Centerline	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Inside Pipe Walls	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Outside Pipe Walls	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe End Line	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe Hatch	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe Solid	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay

Component hatch display:

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000

OK Cancel Apply Help

Pipe Style - C_SSWR_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:

Profile

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Line weight	Plot
Pipe Centerline	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Inside Pipe Walls	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Outside Pipe Walls	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe End Line	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe Hatch	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Hydraulic Grade Line	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	blue	ByLayer	1.0000	ByLayer	ByLay
Energov Grade Line	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	red	ByLayer	1.0000	ByLayer	ByLay

Component hatch display:

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000
Crossing Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000

OK Cancel Apply Help

Name: C_SSWR_MAIN_double (USACE)

Description: PROPOSED

PLAN: ---- centerline

PROF: == Crossing Inside & Outside Dim

2

Pipe Style - C_SSWR_SERV_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

☐ Display as sliced pipe

☒ Display as hatched pipe

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

Pipe Style - C_SSWR_SERV_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction: **Plan**

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Pipe Centerline	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Inside Pipe Walls	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Outside Pipe Walls	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe End Line	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe Hatch	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe Solid	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000

OK Cancel Apply Help

Pipe Style - C_SSWR_SERV_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction: **Section**

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Sliced Solid Pipe Walls	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByBlot
Sliced Solid Pipe Hatch	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByBlot

Pipe Style - C_SSWR_SERV_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction: **Profile**

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	P
Pipe Centerline	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	By
Inside Pipe Walls	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	By
Outside Pipe Walls	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	By
Pipe End Line	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	By
Pipe Hatch	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	By
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	By
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	By
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	By
Hydraulic Grade Line	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	blue	ByLayer	1.0000	ByLayer	By
Enerov Grade Line	<input checked="" type="checkbox"/>	C-SSWR-SERV-PIPE	red	ByLayer	1.0000	ByLayer	By

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000
Crossing Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000

OK Cancel Apply Help

Name: C_STRM_CULV_double (USACE)

Description: PROPOSED

PLAN: == Inside & Outside Dim

PROF: == Crossing Inside & Outside Dim

4

Pipe Style - C_STRM_CULV_double (USACE)

Information | Plan | Profile | Section | Display | Summary

Pipe wall sizes

☒ Use part dimensions

☐ User defined

Size options: **Use size in absolute units**

Inner diameter: 12.000" Outer diameter: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☒ Align hatch to pipe

☒ Clean up pipe to pipe connections

Pipe end line size

☒ Draw to inner walls

☐ Draw to outer walls

☐ User defined

Size options: **Use size in absolute units**

inch: 12.000"

Pipe centerline options

☒ By lineweight

☐ Specify width

Use size in absolute units

inch: 12.000"

OK Cancel Apply Help

Pipe Style - C_STRM_CULV_double (USACE)

Information | Plan | Profile | Section | Display | Summary

Pipe wall sizes

☒ Use part dimensions

☐ User defined

Size options: **Use size in absolute units**

Inner diameter: 12.000" Outer diameter: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☒ Align hatch to pipe

☒ Clean up pipe to pipe connections

Pipe end line size

☒ Draw to inner walls

☐ Draw to outer walls

☐ User defined

Size options: **Use size in absolute units**

inch: 12.000"

Crossing pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

OK Cancel Apply Help

Pipe Style - C_STRM_CULV_double (USACE)

Information | Plan | Profile | Section | Display | Summary

☐ Display as sliced pipe

☒ Display as hatched pipe

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

Pipe Style - C_STRM_CULV_double (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction: **Section**

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	C-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	C-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	C-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Sliced Solid Pipe Walls	<input checked="" type="checkbox"/>	C-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByBlot
Sliced Solid Pipe Hatch	<input checked="" type="checkbox"/>	C-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByBlot

Pipe Style - C_STRM_CULV_double (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction: **Plan**

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Pipe Centerline	<input checked="" type="checkbox"/>	C-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Inside Pipe Walls	<input checked="" type="checkbox"/>	C-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Outside Pipe Walls	<input checked="" type="checkbox"/>	C-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe End Line	<input checked="" type="checkbox"/>	C-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe Hatch	<input checked="" type="checkbox"/>	C-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe Solid	<input checked="" type="checkbox"/>	C-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000

OK Cancel Apply Help

Pipe Style - C_STRM_CULV_double (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction: **Profile**

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	P
Pipe Centerline	<input checked="" type="checkbox"/>	C-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	By
Inside Pipe Walls	<input checked="" type="checkbox"/>	C-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	By
Outside Pipe Walls	<input checked="" type="checkbox"/>	C-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	By
Pipe End Line	<input checked="" type="checkbox"/>	C-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	By
Pipe Hatch	<input checked="" type="checkbox"/>	C-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	By
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	C-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	By
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	C-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	By
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	C-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	By
Hydraulic Grade Line	<input checked="" type="checkbox"/>	C-STRM-CULV-PROF	blue	ByLayer	1.0000	ByLayer	By
Enerov Grade Line	<input checked="" type="checkbox"/>	C-STRM-CULV-PROF	red	ByLayer	1.0000	ByLayer	By

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000
Crossing Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000

OK Cancel Apply Help

Name: C_STRM_MAIN_CL (USACE)

Description: PROPOSED

PLAN: ---- centerline

PROF: == Inside Dim

5

Pipe Style - C_STRM_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

Pipe wall sizes

☒ Use part dimensions

☐ User defined

Size options:

Use size in absolute units

Inner diameter: 12.000" Outer diameter: 12.000"

inch: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☒ Align hatch to pipe

☒ Clean up pipe to pipe connections

Pipe end line size

☒ Draw to inner walls

☐ Draw to outer walls

☐ User defined

Size options:

Use size in absolute units

inch: 12.000"

Pipe centerline options

☒ By line weight

☐ Specify width

Use size in absolute units

inch: 12.000"

OK Cancel Apply Help

Pipe Style - C_STRM_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

Pipe wall sizes

☒ Use part dimensions

☐ User defined

Size options:

Use size in absolute units

Inner diameter: 12.000" Outer diameter: 12.000"

inch: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☒ Align hatch to pipe

☒ Clean up pipe to pipe connections

Pipe end line size

☒ Draw to inner walls

☐ Draw to outer walls

☐ User defined

Size options:

Use size in absolute units

inch: 12.000"

Crossing pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

OK Cancel Apply Help

Pipe Style - C_STRM_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:

Section

Display as sliced pipe

☒ Display as hatched pipe

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

OK Cancel Apply Help

Pipe Style - C_STRM_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:

Section

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Sliced Solid Pipe Walls	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByBloc
Sliced Solid Pipe Hatch	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByBloc

OK Cancel Apply Help

Pipe Style - C_STRM_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:

Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Pipe Centerline	<input checked="" type="checkbox"/>	C-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Inside Pipe Walls	<input checked="" type="checkbox"/>	C-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Outside Pipe Walls	<input checked="" type="checkbox"/>	C-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe End Line	<input checked="" type="checkbox"/>	C-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe Hatch	<input checked="" type="checkbox"/>	C-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe Solid	<input checked="" type="checkbox"/>	C-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay

Component hatch display:

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> User single	45	1.0000

OK Cancel Apply Help

Pipe Style - C_STRM_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:

Section

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Sliced Solid Pipe Walls	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByBloc
Sliced Solid Pipe Hatch	<input checked="" type="checkbox"/>	C-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByBloc

Component hatch display:

Component Type	Pattern	Angle	Scale
Crossing Pipe Hatch	<input checked="" type="checkbox"/> User single	45	1.0000
Sliced Solid Pipe Hatch	<input checked="" type="checkbox"/> User single	45	1.0000

OK Cancel Apply Help

Name: C_STRM_MAIN_crossing (USACE)

Description: PROPOSED

PLAN: ---- centerline

PROF: == crossing Inside & Outside Dim

6

Pipe Style - C_STRM_MAIN_crossing (USACE)

Information | Plan | Profile | Section | Display | Summary

Pipe wall sizes

☒ Use part dimensions

☐ User defined

Size options:

Use size in absolute units

Inner diameter: 12.000" Outer diameter: 12.000"

inch: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☒ Align hatch to pipe

☒ Clean up pipe to pipe connections

Pipe end line size

☒ Draw to inner walls

☐ Draw to outer walls

☐ User defined

Size options:

Use size in absolute units

inch: 12.000"

Pipe centerline options

☒ By line weight

☐ Specify width

Use size in absolute units

inch: 12.000"

OK Cancel Apply Help

Pipe Style - C_STRM_MAIN_crossing (USACE)

Information | Plan | Profile | Section | Display | Summary

Pipe wall sizes

☒ Use part dimensions

☐ User defined

Size options:

Use size in absolute units

Inner diameter: 12.000" Outer diameter: 12.000"

inch: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☒ Align hatch to pipe

☒ Clean up pipe to pipe connections

Pipe end line size

☒ Draw to inner walls

☐ Draw to outer walls

☐ User defined

Size options:

Use size in absolute units

inch: 12.000"

Crossing pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

OK Cancel Apply Help

Pipe Style - C_STRM_MAIN_crossing (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:
Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Color
Pipe Centerline		C-STRM-MAIN-PIPE		ByLayer	1.0000	ByLayer	ByLayer
Inside Pipe Walls		C-STRM-MAIN-PIPE		ByLayer	1.0000	ByLayer	ByLayer
Outside Pipe Walls		C-STRM-MAIN-PIPE		ByLayer	1.0000	ByLayer	ByLayer
Pipe End Line		C-STRM-MAIN-PIPE		ByLayer	1.0000	ByLayer	ByLayer
Pipe Hatch		C-STRM-MAIN-PIPE		ByLayer	1.0000	ByLayer	ByLayer
Pipe Solid		C-STRM-MAIN-PIPE		ByLayer	1.0000	ByLayer	ByLayer

Component hatch display:

Component Type	Pattern	Angle	Scale
Pipe Hatch	user single	45	1.0000

OK Cancel Apply Help

Pipe Style - C_STRM_MAIN_crossing (USACE)

Information | **Plan** | Profile | Section | Display | Summary

View Direction:

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	P
Pipe Centerline		C-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	By
Inside Pipe Walls		C-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	By
Outside Pipe Walls		C-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	By
Pipe End Line		C-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	By
Pipe Hatch		C-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	By
Crossing Pipe Inside Wall		C-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	By
Crossing Pipe Outside Wall		C-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	By
Crossing Pipe Hatch		C-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	By
Hydraulic Grade Line		C-STRM-MAIN-PIPE...	blue	ByLayer	1.0000	ByLayer	By
Enerov Grade Line		C-STRM-MAIN-PIPE...	red	ByLayer	1.0000	ByLayer	By

Component hatch display:

Component Type	Pattern	Angle	Scale
Pipe Hatch	user single	45	1.0000
Crossing Pipe Hatch	user single	45	1.0000

OK Cancel Apply Help

PROF: == Inside Dim

7



Pipe Style - C_STRM_SERV_CL (USACE)

Information | Plan | Profile | **Section** | Display | Summary

☐ Display as sliced pipe

☒ Display as hatched pipe

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

Pipe Style - C_STRM_SERV_CL (USACE)

Information Plan Profile **Section** Display Summary

View Direction:
 Section

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Crossing Pipe Inside Wall		C-STRM-SERV-SECT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Outside Wall		C-STRM-SERV-SECT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Hatch		C-STRM-SERV-SECT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Sliced Solid Pipe Walls		C-STRM-SERV-SECT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Sliced Solid Pipe Hatch		C-STRM-SERV-SECT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

Pipe Style - C_STRM_SERV_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Pipe Centerline	<input checked="" type="checkbox"/>	C-STRM-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Inside Pipe Walls	<input checked="" type="checkbox"/>	C-STRM-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Outside Pipe Walls	<input checked="" type="checkbox"/>	C-STRM-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe End Line	<input checked="" type="checkbox"/>	C-STRM-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe Hatch	<input checked="" type="checkbox"/>	C-STRM-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe Solid	<input checked="" type="checkbox"/>	C-STRM-SERV-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

Component hatch display:

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000

OK Cancel Apply Help

Pipe Style - C_STRM_SERV_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction: Profile

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Pipe Centerline	<input checked="" type="checkbox"/>	C-STRM-SERV-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Inside Pipe Walls	<input checked="" type="checkbox"/>	C-STRM-SERV-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Outside Pipe Walls	<input checked="" type="checkbox"/>	C-STRM-SERV-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe End Line	<input checked="" type="checkbox"/>	C-STRM-SERV-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe Hatch	<input checked="" type="checkbox"/>	C-STRM-SERV-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	C-STRM-SERV-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	C-STRM-SERV-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	C-STRM-SERV-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Hydraulic Grade Line	<input checked="" type="checkbox"/>	C-STRM-SERV-PIPE...	blue	ByLayer	1.0000	ByLayer	ByLayer
Energov Grade Line	<input checked="" type="checkbox"/>	C-STRM-SERV-PIPE...	red	ByLayer	1.0000	ByLayer	ByLayer

Component hatch display:

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000
Crossing Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000

OK Cancel Apply Help

Name: V_SSWR_MAIN_CL (USACE)

Description: EXISTING

PLAN: ---- centerline

PROF: == Inside Dim

8

Pipe Style - V_SSWR_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

Pipe wall sizes

☒ Use part dimensions

☐ User defined

Size options:

Use size in absolute units

Inner diameter: 12.000" Outer diameter: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☒ Align hatch to pipe

☒ Clean up pipe to pipe connections

Pipe end line size

☐ Draw to inner walls

☐ Draw to outer walls

☐ User defined

Size options:

Use size in absolute units

inch: 12.000"

Pipe centerline options

☒ By lineweight

☐ Specify width

Use size in absolute units

inch: 12.000"

OK Cancel Apply Help

Pipe Style - V_SSWR_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

Pipe wall sizes

☒ Use part dimensions

☐ User defined

Size options:

Use size in absolute units

Inner diameter: 12.000" Outer diameter: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☒ Align hatch to pipe

☒ Clean up pipe to pipe connections

Pipe end line size

☒ Draw to inner walls

☐ Draw to outer walls

☐ User defined

Size options:

Use size in absolute units

inch: 12.000"

Crossing pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

OK Cancel Apply Help

Pipe Style - V_SSWR_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

☐ Display as sliced pipe

☒ Display as hatched pipe

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

OK Cancel Apply Help

Pipe Style - V_SSWR_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction: Section

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Sliced Solid Pipe Walls	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Sliced Solid Pipe Hatch	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

Component hatch display:

Component Type	Pattern	Angle	Scale
Crossing Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000
Sliced Solid Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000

OK Cancel Apply Help

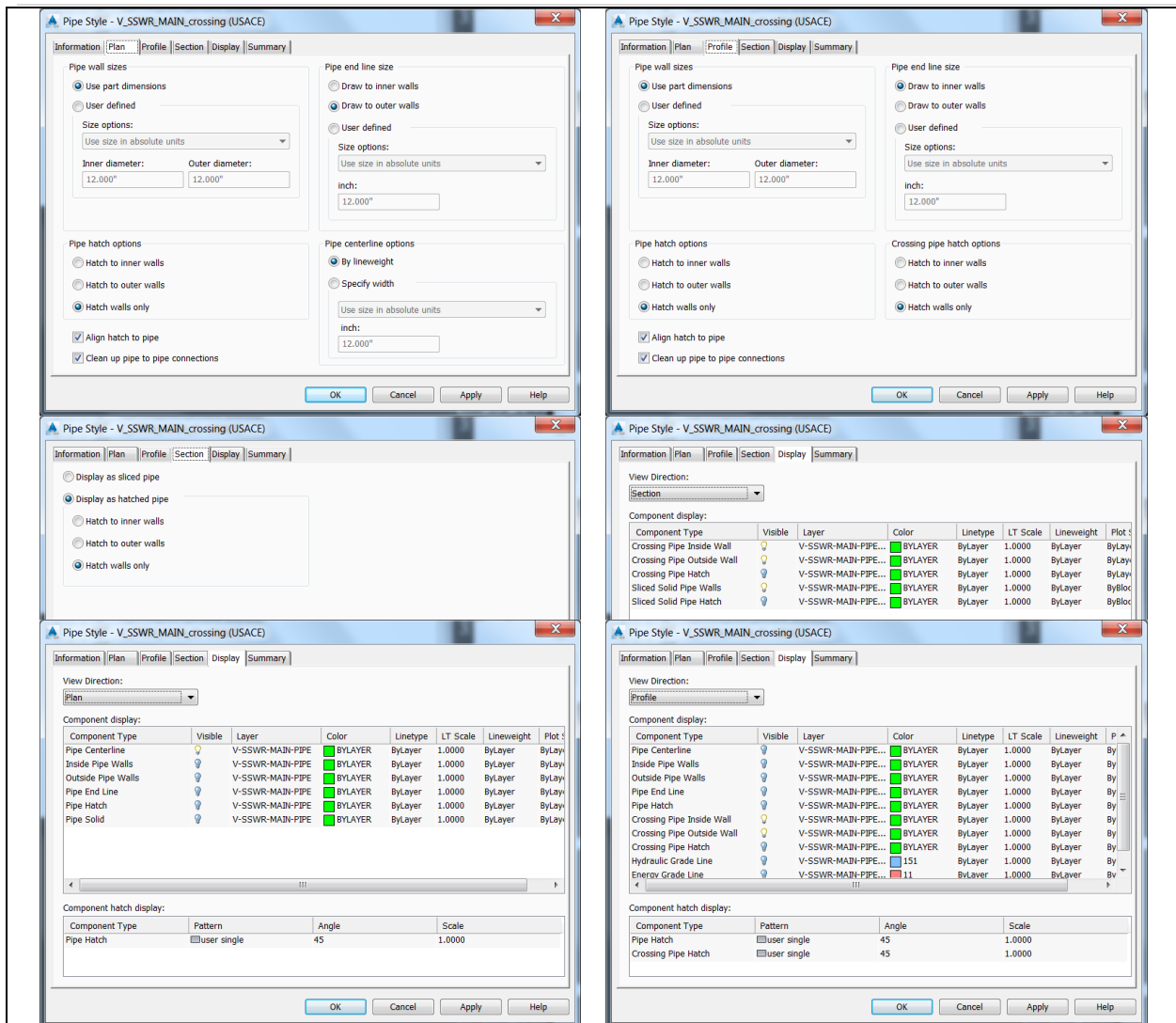
Name: V_SSWR_MAIN_crossing (USACE)

Description: EXISTING

PLAN: ---- centerline

PROF: == Crossing Inside & Outside Dim

9



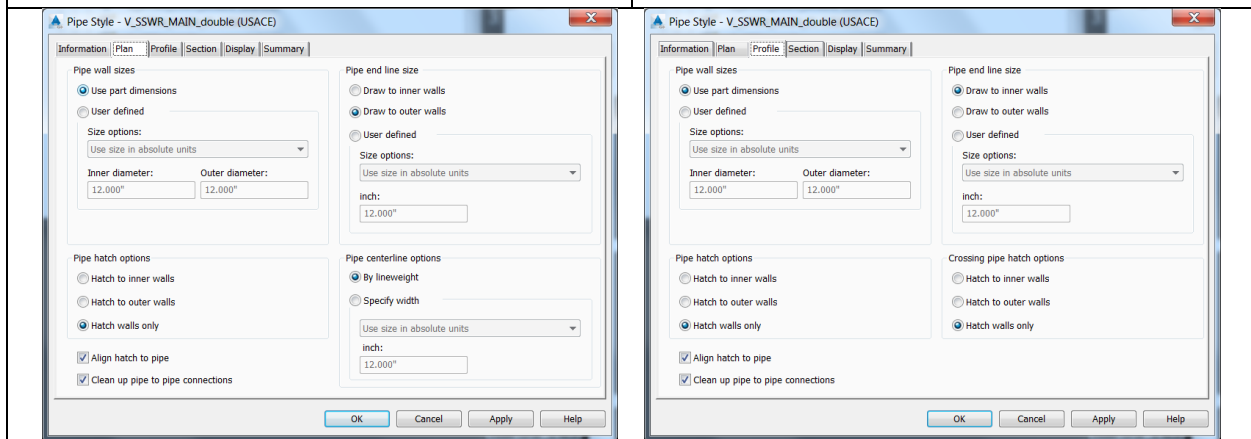
Name: V_SSWR_MAIN_double (USACE)

Description: EXISTING

PLAN: == Inside Dim

PROF: == Inside Dim

10



Pipe Style - V_SSWR_MAIN_double (USACE)

Information | Plan | Profile | Section | Display | Summary

Display as sliced pipe
☒ Display as hatched pipe
☐ Hatch to inner walls
☐ Hatch to outer walls
☒ Hatch walls only

View Direction:
 Section

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Pipe Centerline	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Inside Pipe Walls	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Outside Pipe Walls	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe End Line	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe Hatch	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe Solid	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLay

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000

OK Cancel Apply Help

Pipe Style - V_SSWR_MAIN_double (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:
 Section

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Sliced Solid Pipe Walls	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Sliced Solid Pipe Hatch	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLay

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000
Crossing Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000

OK Cancel Apply Help

Name: V_STRM_CULV (USACE)
Description: EXISTING
PLAN: == Inside Dim
PROF: == Inside Dim

11

Pipe Style - V_STRM_CULV (USACE)

Information | Plan | Profile | Section | Display | Summary

Pipe wall sizes
☒ Use part dimensions
☐ User defined
 Size options:
 Use size in absolute units
 Inner diameter: 12.000" Outer diameter: 12.000"

Pipe hatch options
☐ Hatch to inner walls
☐ Hatch to outer walls
☒ Hatch walls only
☒ Align hatch to pipe
☒ Clean up pipe to pipe connections

Pipe end line size
☐ Draw to inner walls
☒ Draw to outer walls
☐ User defined
 Size options:
 Use size in absolute units
 inch: 12.000"

Pipe centerline options
☒ By lineweight
☐ Specify width
 Use size in absolute units
 inch: 12.000"

OK Cancel Apply Help

Pipe Style - V_STRM_CULV (USACE)

Information | Plan | Profile | Section | Display | Summary

Pipe wall sizes
☒ Use part dimensions
☐ User defined
 Size options:
 Use size in absolute units
 Inner diameter: 12.000" Outer diameter: 12.000"

Pipe hatch options
☐ Hatch to inner walls
☐ Hatch to outer walls
☒ Hatch walls only
☒ Align hatch to pipe
☒ Clean up pipe to pipe connections

Crossing pipe hatch options
☐ Hatch to inner walls
☐ Hatch to outer walls
☒ Hatch walls only

OK Cancel Apply Help

Pipe Style - V_STRM_CULV (USACE)

Information | Plan | Profile | Section | Display | Summary

Display as sliced pipe
☒ Display as hatched pipe
☐ Hatch to inner walls
☐ Hatch to outer walls
☒ Hatch walls only

View Direction:
 Section

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Pipe Centerline	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Inside Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Outside Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe End Line	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe Hatch	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe Solid	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000

OK Cancel Apply Help

Pipe Style - V_STRM_CULV (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:
 Section

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	V-STRM-CULV-SECT	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	V-STRM-CULV-SECT	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	V-STRM-CULV-SECT	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Sliced Solid Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-CULV-SECT	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Sliced Solid Pipe Hatch	<input checked="" type="checkbox"/>	V-STRM-CULV-SECT	BYLAYER	ByLayer	1.0000	ByLayer	ByLay

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000
Crossing Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000

OK Cancel Apply Help

Pipe Style - V_STRM_CULV (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:
 Plan

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Pipe Centerline	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Inside Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Outside Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe End Line	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe Hatch	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe Solid	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLay

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000

OK Cancel Apply Help

Pipe Style - V_STRM_CULV (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:
 Profile

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Pipe Centerline	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Inside Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Outside Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe End Line	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Pipe Hatch	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	ByLay
Hydraulic Grade Line	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	151	ByLayer	1.0000	ByLayer	ByLay
Enerov Grade Line	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	11	ByLayer	1.0000	ByLayer	ByLay

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000
Crossing Pipe Hatch	<input checked="" type="checkbox"/> user single	45	1.0000

OK Cancel Apply Help

Name: V_STRM_CULV_crossing (USACE)

Description: EXISTING

PLAN: == Inside & Outside Dim

PROF: == Crossing Inside & Outside Dim

12

Pipe Style - V_STRM_CULV_crossing (USACE)

Information | Plan | Profile | Section | Display | Summary

Pipe wall sizes

☒ Use part dimensions

☐ User defined

Size options:

Use size in absolute units

Inner diameter: 12.000" Outer diameter: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☒ Align hatch to pipe

☒ Clean up pipe to pipe connections

Pipe end line size

☐ Draw to inner walls

☐ Draw to outer walls

☐ User defined

Size options:

Use size in absolute units

inch: 12.000"

Pipe centerline options

☒ By line weight

☐ Specify width

Use size in absolute units

inch: 12.000"

OK Cancel Apply Help

Pipe Style - V_STRM_CULV_crossing (USACE)

Information | Plan | Profile | Section | Display | Summary

Pipe wall sizes

☒ Use part dimensions

☐ User defined

Size options:

Use size in absolute units

Inner diameter: 12.000" Outer diameter: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☒ Align hatch to pipe

☒ Clean up pipe to pipe connections

Pipe end line size

☐ Draw to inner walls

☐ Draw to outer walls

☐ User defined

Size options:

Use size in absolute units

inch: 12.000"

Crossing pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

OK Cancel Apply Help

Pipe Style - V_STRM_CULV_crossing (USACE)

Information | Plan | Profile | Section | Display | Summary

Display as sliced pipe

☒ Display as hatched pipe

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

Pipe Style - V_STRM_CULV_crossing (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:

Section

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	V-STRM-CULV-SECT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	V-STRM-CULV-SECT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	V-STRM-CULV-SECT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Sliced Solid Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-CULV-SECT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Sliced Solid Pipe Hatch	<input checked="" type="checkbox"/>	V-STRM-CULV-SECT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

Pipe Style - V_STRM_CULV_crossing (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:

Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Pipe Centerline	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Inside Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Outside Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe End Line	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe Hatch	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe Solid	<input checked="" type="checkbox"/>	V-STRM-CULV	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

Component hatch display:

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> User single	45	1.0000

OK Cancel Apply Help

Pipe Style - V_STRM_CULV_crossing (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:

Profile

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Pipe Centerline	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Inside Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Outside Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe End Line	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe Hatch	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Hydraulic Grade Line	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	151	ByLayer	1.0000	ByLayer	ByLayer
Energy Grade Line	<input checked="" type="checkbox"/>	V-STRM-CULV-PROF	11	ByLayer	1.0000	ByLayer	ByLayer

Component hatch display:

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> User single	45	1.0000
Crossing Pipe Hatch	<input checked="" type="checkbox"/> User single	45	1.0000

OK Cancel Apply Help

Name: V_STRM_MAIN_CL (USACE)

Description: EXISTING

PLAN: ---- centerline

PROF: == Inside Dim

13

Pipe Style - V_STRM_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

Pipe wall sizes

☒ Use part dimensions

☐ User defined

Size options:

Use size in absolute units

Inner diameter: 12.000" Outer diameter: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☒ Align hatch to pipe

☒ Clean up pipe to pipe connections

Pipe end line size

☐ Draw to inner walls

☐ Draw to outer walls

☐ User defined

Size options:

Use size in absolute units

inch: 12.000"

Pipe centerline options

☒ By line weight

☐ Specify width

Use size in absolute units

inch: 12.000"

OK Cancel Apply Help

Pipe Style - V_STRM_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

Pipe wall sizes

☒ Use part dimensions

☐ User defined

Size options:

Use size in absolute units

Inner diameter: 12.000" Outer diameter: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☒ Align hatch to pipe

☒ Clean up pipe to pipe connections

Pipe end line size

☐ Draw to inner walls

☐ Draw to outer walls

☐ User defined

Size options:

Use size in absolute units

inch: 12.000"

Crossing pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

OK Cancel Apply Help

Pipe Style - V_STRM_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

☐ Display as sliced pipe
☒ Display as hatched pipe
☐ Hatch to inner walls
☐ Hatch to outer walls
☒ Hatch walls only

View Direction:
Plan

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Pipe Centerline	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Inside Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Outside Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe End Line	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe Hatch	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe Solid	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> User single	45	1.0000

OK Cancel Apply Help

Pipe Style - V_STRM_MAIN_CL (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:
Section

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Sliced Solid Pipe Walls	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Sliced Solid Pipe Hatch	<input checked="" type="checkbox"/>	V-SSWR-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> User single	45	1.0000
Crossing Pipe Hatch	<input checked="" type="checkbox"/> User single	45	1.0000

OK Cancel Apply Help

Name: V_STRM_MAIN_crossing (USACE)
Description: EXISTING
PLAN: ---- centerline
PROF: == Crossing Inside & Outside Dim

14

Pipe Style - V_STRM_MAIN_crossing (USACE)

Information | Plan | Profile | Section | Display | Summary

☒ Use part dimensions
☐ User defined
 Size options:
 Use size in absolute units

Inner diameter: 12.000" Outer diameter: 12.000"

☐ Draw to inner walls
☒ Draw to outer walls
☐ User defined
 Size options:
 Use size in absolute units

inch: 12.000"

☐ Hatch to inner walls
☐ Hatch to outer walls
☒ Hatch walls only

☒ Align hatch to pipe
☒ Clean up pipe to pipe connections

OK Cancel Apply Help

Pipe Style - V_STRM_MAIN_crossing (USACE)

Information | Plan | Profile | Section | Display | Summary

☒ Use part dimensions
☐ User defined
 Size options:
 Use size in absolute units

Inner diameter: 12.000" Outer diameter: 12.000"

☒ Draw to inner walls
☐ Draw to outer walls
☐ User defined
 Size options:
 Use size in absolute units

inch: 12.000"

☐ Hatch to inner walls
☐ Hatch to outer walls
☒ Hatch walls only

☒ Align hatch to pipe
☒ Clean up pipe to pipe connections

OK Cancel Apply Help

Pipe Style - V_STRM_MAIN_crossing (USACE)

Information | Plan | Profile | Section | Display | Summary

☐ Display as sliced pipe
☒ Display as hatched pipe
☐ Hatch to inner walls
☐ Hatch to outer walls
☒ Hatch walls only

Pipe Style - V_STRM_MAIN_crossing (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:
Section

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Sliced Solid Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Sliced Solid Pipe Hatch	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> User single	45	1.0000
Crossing Pipe Hatch	<input checked="" type="checkbox"/> User single	45	1.0000

OK Cancel Apply Help

Pipe Style - V_STRM_MAIN_crossing (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:
Plan

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Pipe Centerline	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Inside Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Outside Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe End Line	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe Hatch	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe Solid	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> User single	45	1.0000

OK Cancel Apply Help

Pipe Style - V_STRM_MAIN_crossing (USACE)

Information | Plan | Profile | Section | Display | Summary

View Direction:
Profile

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot
Pipe Centerline	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Inside Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Outside Pipe Walls	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe End Line	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe Hatch	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Inside Wall	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Outside Wall	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Crossing Pipe Hatch	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE...	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Hydraulic Grade Line	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE...	151	ByLayer	1.0000	ByLayer	ByLayer
Energy Grade Line	<input checked="" type="checkbox"/>	V-STRM-MAIN-PIPE...	11	ByLayer	1.0000	ByLayer	ByLayer

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> User single	45	1.0000
Crossing Pipe Hatch	<input checked="" type="checkbox"/> User single	45	1.0000

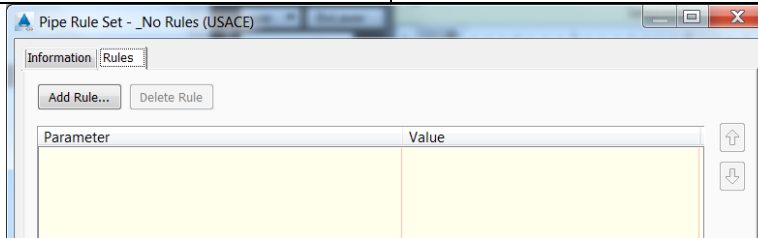
OK Cancel Apply Help

Pipe Rule Set (3)

Name: _No Rules (USACE)

Description: Empty Rule Set.

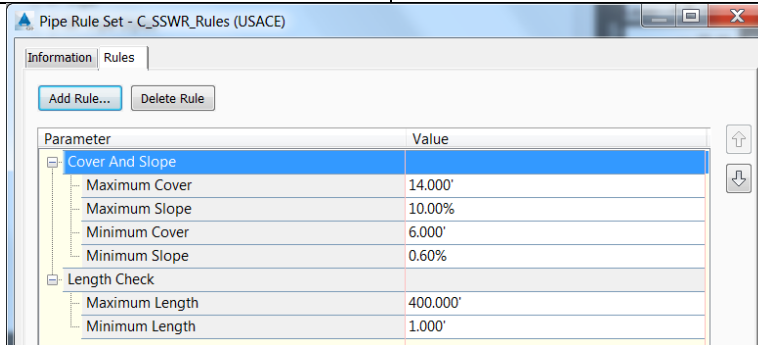
Inverts need to be adjusted manually based on existing data



Name: C_SSWR_Rules (USACE)

Description: Cover & Slope

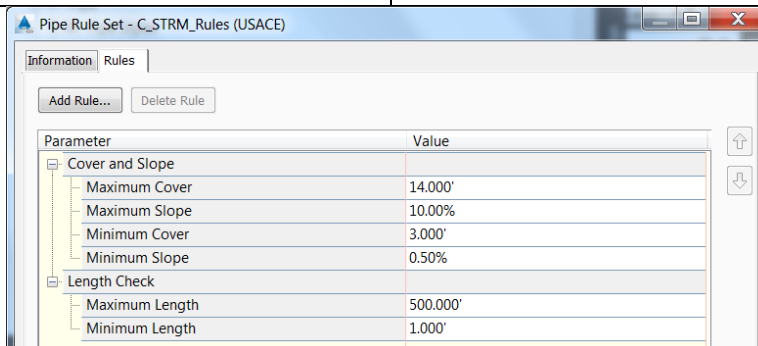
Length Check



Name: C_STRM_Rules (USACE)

Description: Cover & Slope

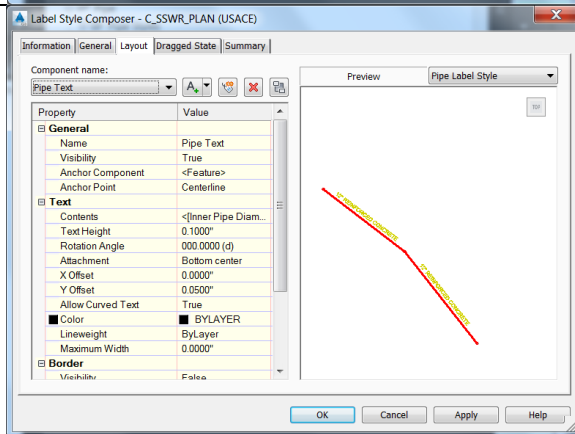
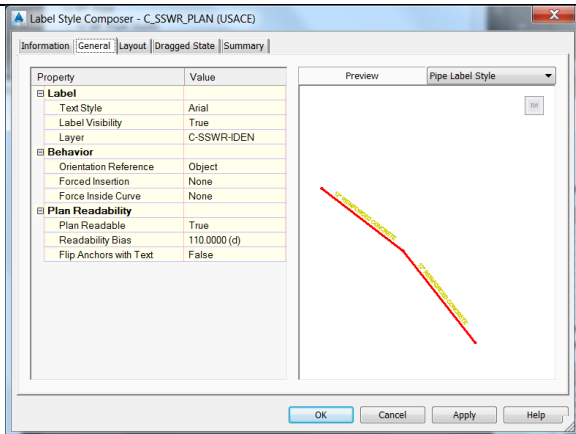
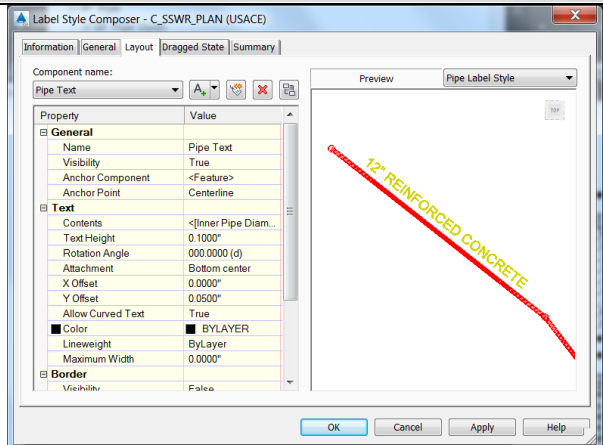
Length Check



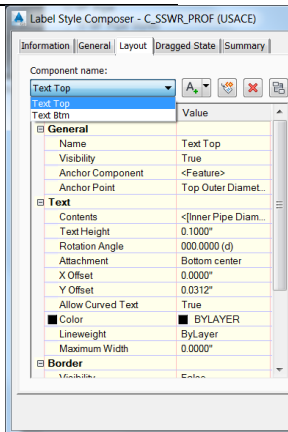
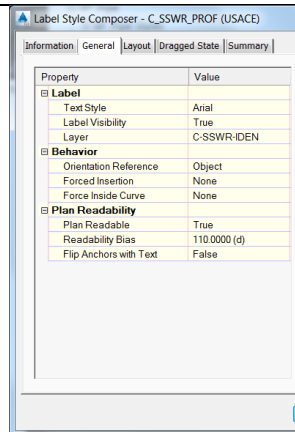
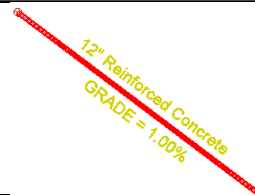
Pipe LABEL Styles

Plan Profile (8)

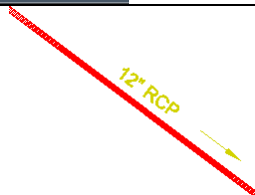
Name: C_SSWR_PLAN (USACE)
Description: PROPOSED
 Size" Material

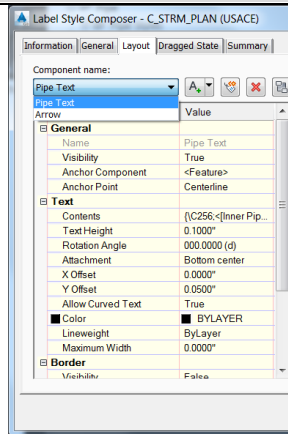
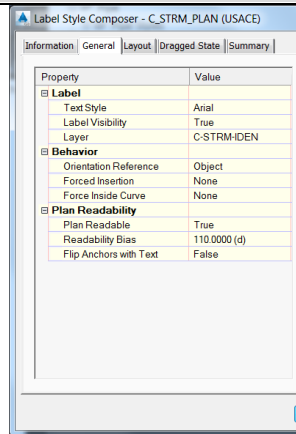


Name: C_SSWR_PROF (USACE)
Description: PROPOSED
 Size" Material (top)
 Grade = % (bottom)



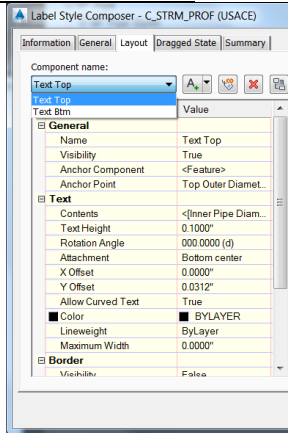
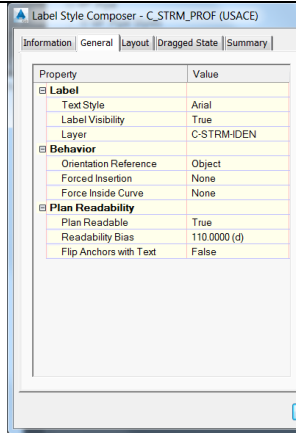
Name: C_STRM_PLAN (USACE)
Description: PROPOSED
 Size" Material ->





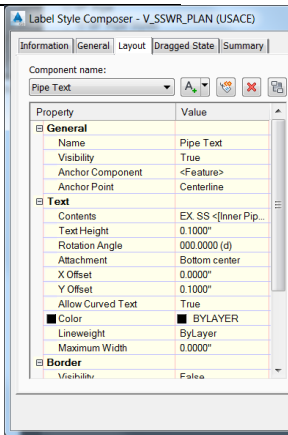
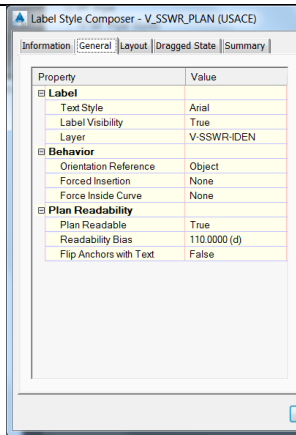
Name: C_STRM_PROF (USACE)
Description: PROPOSED
 Size" Material (top)
 Grade = % (bottom)

12" Reinforced Concrete
GRADE = 1.00%



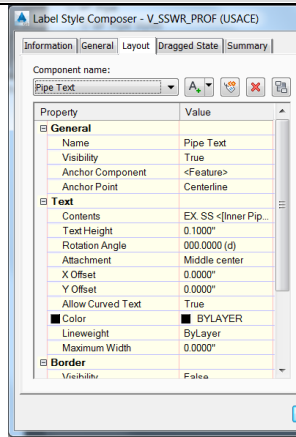
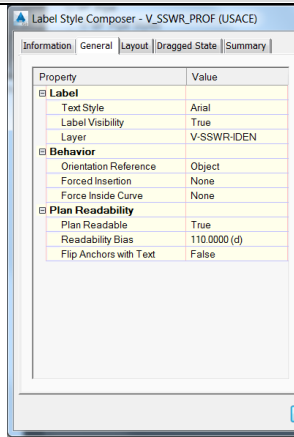
Name: V_SSWR_PLAN (USACE)
Description: EXISTING
 Ex. Size" Material

EX. SS 12" REINFORCED

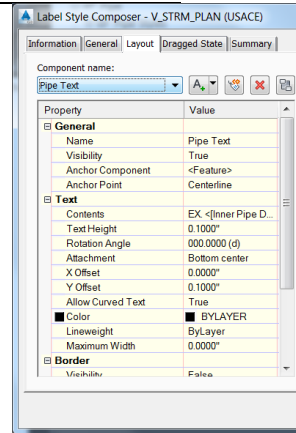
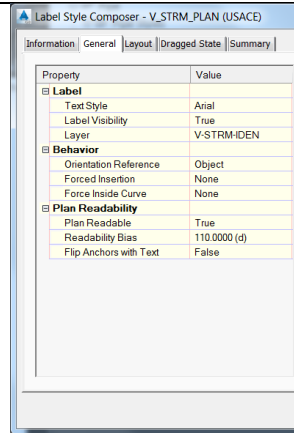
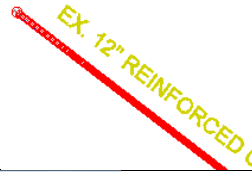


Name: V_SSWR_PROF (USACE)
Description: EXISTING
 EX. Size" Material [centered]

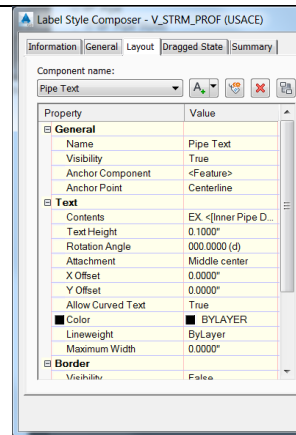
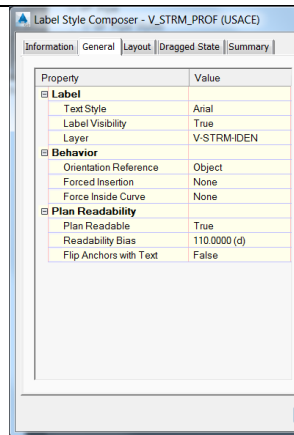
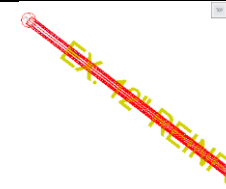
EX. SS 12" REINFORCED



Name: V_STRM_PLAN (USACE)
Description: EXISTING
 EX. Size" Material



Name: V_STRM_PROF (USACE)
Description: EXISTING
 EX. Size" Material [centered]



Crossign Section (2)

Name: C_SSWR_Crossing (USACE)
Description: ID" INV.

12"
 INV. 46.82

Label Style Composer - C_SSWR_Crossing (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-SSWR-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_SSWR_Crossing (USACE)

Information | General | Layout | Dragged State | Summary

Component name: Pipe Text

Property	Value
General	
Name	Pipe Text
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	<Pipe Inner Diam...
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Middle center
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Tune	Default

Name: C_STRM_Crossing (USACE)
Description: XXX

12"
 INV. 46.82

Label Style Composer - C_STRM_Crossing (USACE)

Information | General | Layout | Dragged State | Summary

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-STRM-IDEN
Behavior	
Orientation Reference	Object
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_STRM_Crossing (USACE)

Information | General | Layout | Dragged State | Summary

Component name: Pipe Text

Property	Value
General	
Name	Pipe Text
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	<Pipe Inner Diam...
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Middle center
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Tune	Default

Pipe TABLE Styles (2)

Name: G_SCHD_Drainage_Pipe_Table_1 (USACE)
Description: No. | Size" Material | Length | Inv.
 In | Inv. Out | Slope | Flow Rate

DRAINAGE PIPE TABLE: PROP-SSWR

PIPE NO.	TYPE	LENGTH (FT.)	F.L. U.S.	F.L. D.S.	SLOPE (FT/FT)	DESIGN FLOW (C.F.S.)
PIPE (14)	12" DIP	134.47'	178.41	177.60	0.60%	0.000
PIPE (15)	18" PVC	165.78'	180.79	179.80	0.60%	0.000

Table Style - G_SCHD_Drainage_Pipe_Table_1 (USACE)

Information | Data Properties | Display | Summary

Table settings

☐ Wrap text

☒ Maintain view orientation

☐ Repeat title in split tables

☒ Repeat column headers in split tables

☒ Sort data

Sorting column: 1 Order: Ascending

Structure

DRAINAGE PIPE TABLE: <[Network Name(CP)]>

Column Width	Column Value
PIPE NO.	<Pipe No...>
TYPE	<Pipe Inv...>
LENGTH(FT.)	<[2D Leng...>
F.L. U.S.	<[Start Inv...>
F.L. D.S.	<[End Inv...>
SLOPE(FT/FT)	<[Pipe Slo...>
DESIGN FL...	<[Flow Ra...>

Table Style - G_SCHD_Pipe_Data_Table_2 (USACE)

Information | Data Properties | Display | Summary

View Direction: Plan

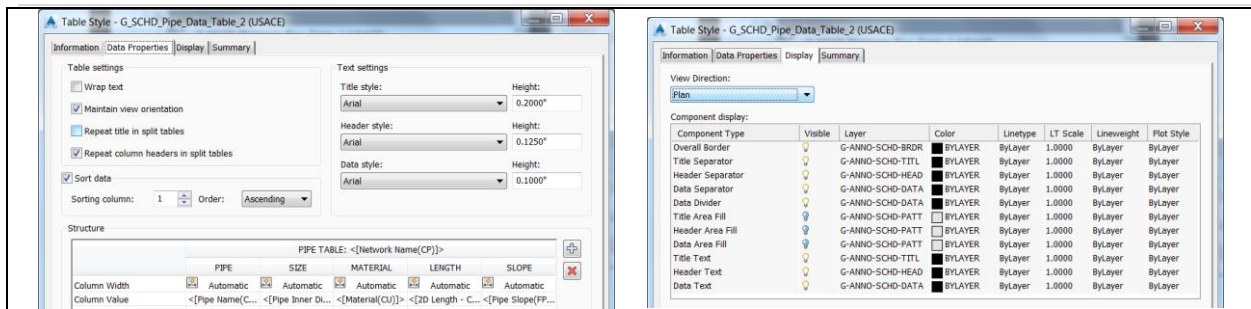
Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Overall Border	<input checked="" type="checkbox"/>	G-ANNO-SCHD-BRDR	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Title Separator	<input checked="" type="checkbox"/>	G-ANNO-SCHD-TITL	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Header Separator	<input checked="" type="checkbox"/>	G-ANNO-SCHD-HEAD	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Data Separator	<input checked="" type="checkbox"/>	G-ANNO-SCHD-DATA	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Data Divider	<input checked="" type="checkbox"/>	G-ANNO-SCHD-PATT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Title Area Fill	<input checked="" type="checkbox"/>	G-ANNO-SCHD-PATT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Data Area Fill	<input checked="" type="checkbox"/>	G-ANNO-SCHD-PATT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Title Text	<input checked="" type="checkbox"/>	G-ANNO-SCHD-TITL	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Header Text	<input checked="" type="checkbox"/>	G-ANNO-SCHD-HEAD	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Data Text	<input checked="" type="checkbox"/>	G-ANNO-SCHD-DATA	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

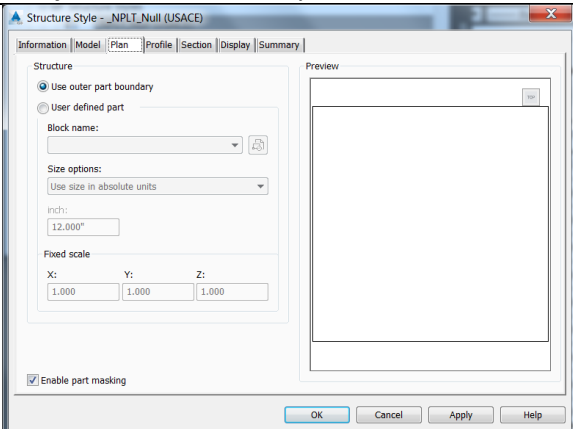
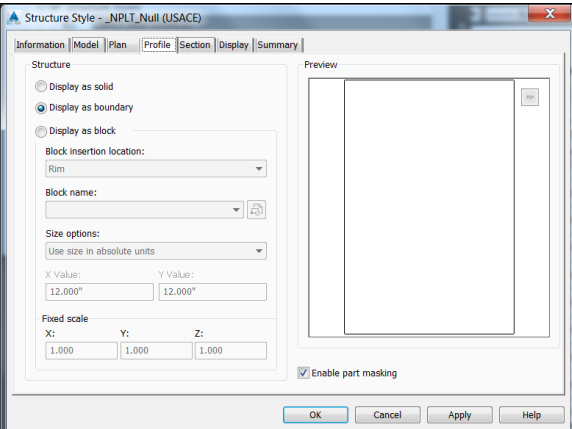
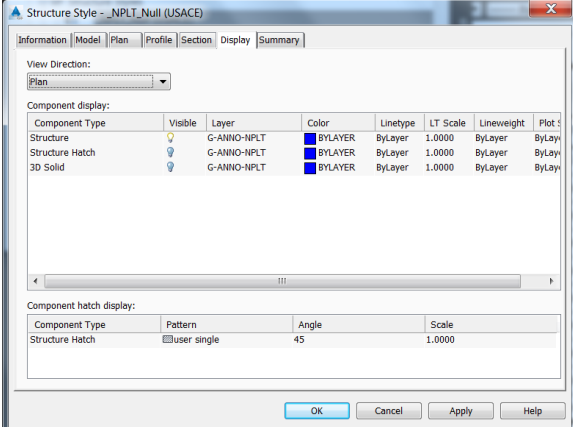
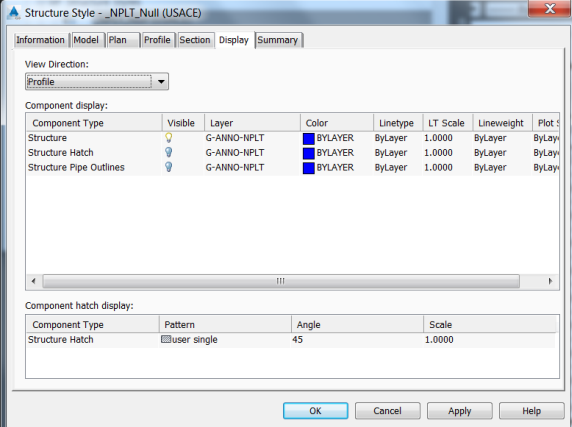
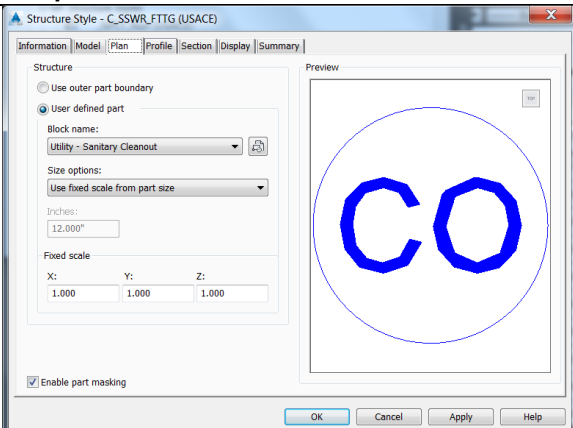
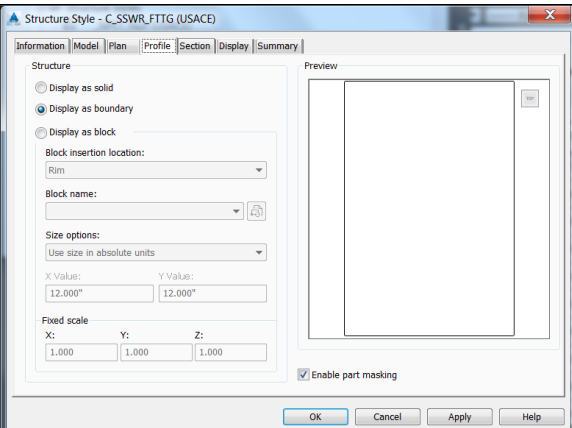
Name: G_SCHD_Pipe_Data_Table_2 (USACE)
Description: PIPE | SIZE | MATERIAL | LENGTH | SLOPE %

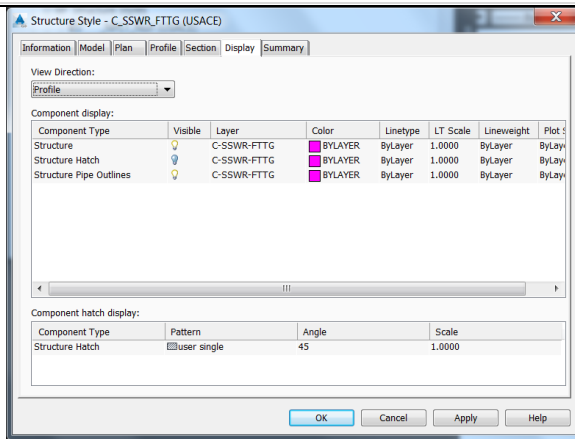
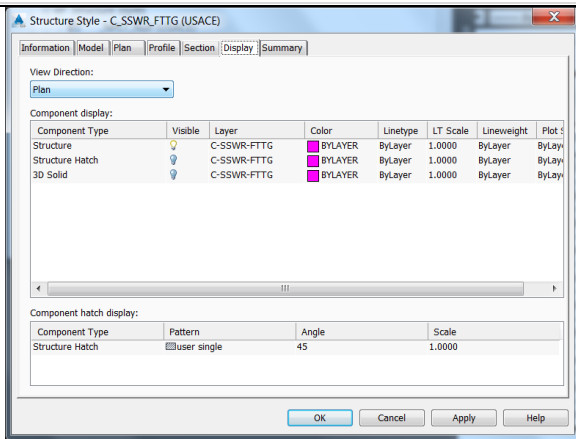
PIPE TABLE: PROP-SSWR

PIPE	SIZE	MATERIAL	LENGTH	SLOPE
PIPE (14)	12"	DIP	134.47'	0.60%
PIPE (15)	18"	PVC	165.78'	0.60%



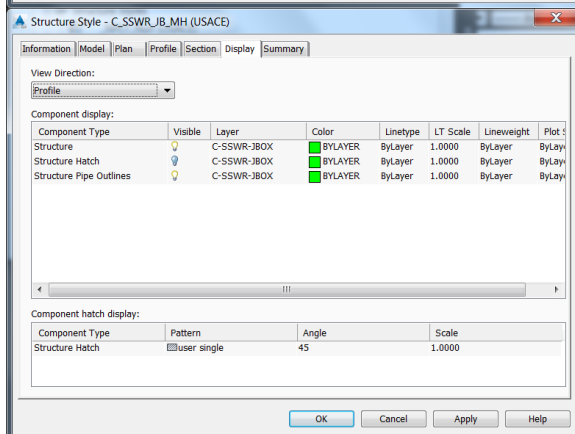
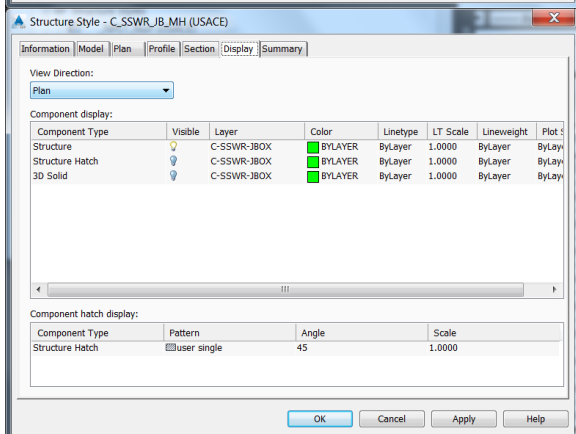
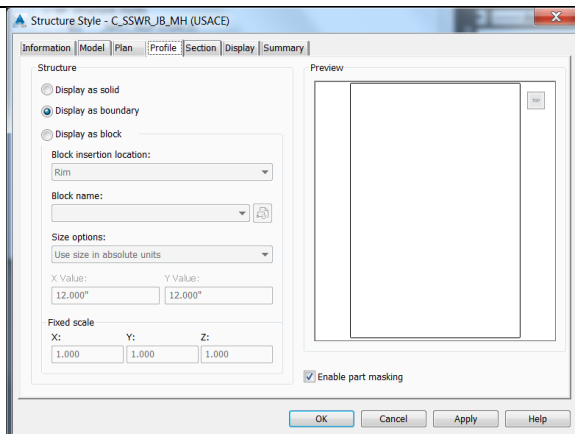
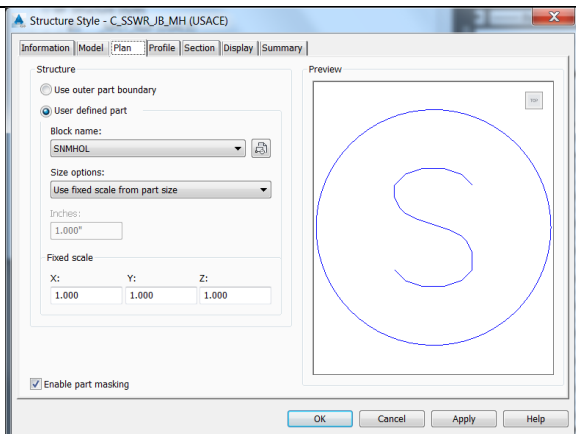
1.21 Structure (gravity)

STRUCTURE	
Object Styles (12)	
Name: <i>_NPLT_Null (USACE)</i> Description: <i>Part Boundary - No Plot</i>	1
	
	
Name: <i>C_SSWR_FTTG (USACE)</i> Description: <i>XXX</i>	2
	



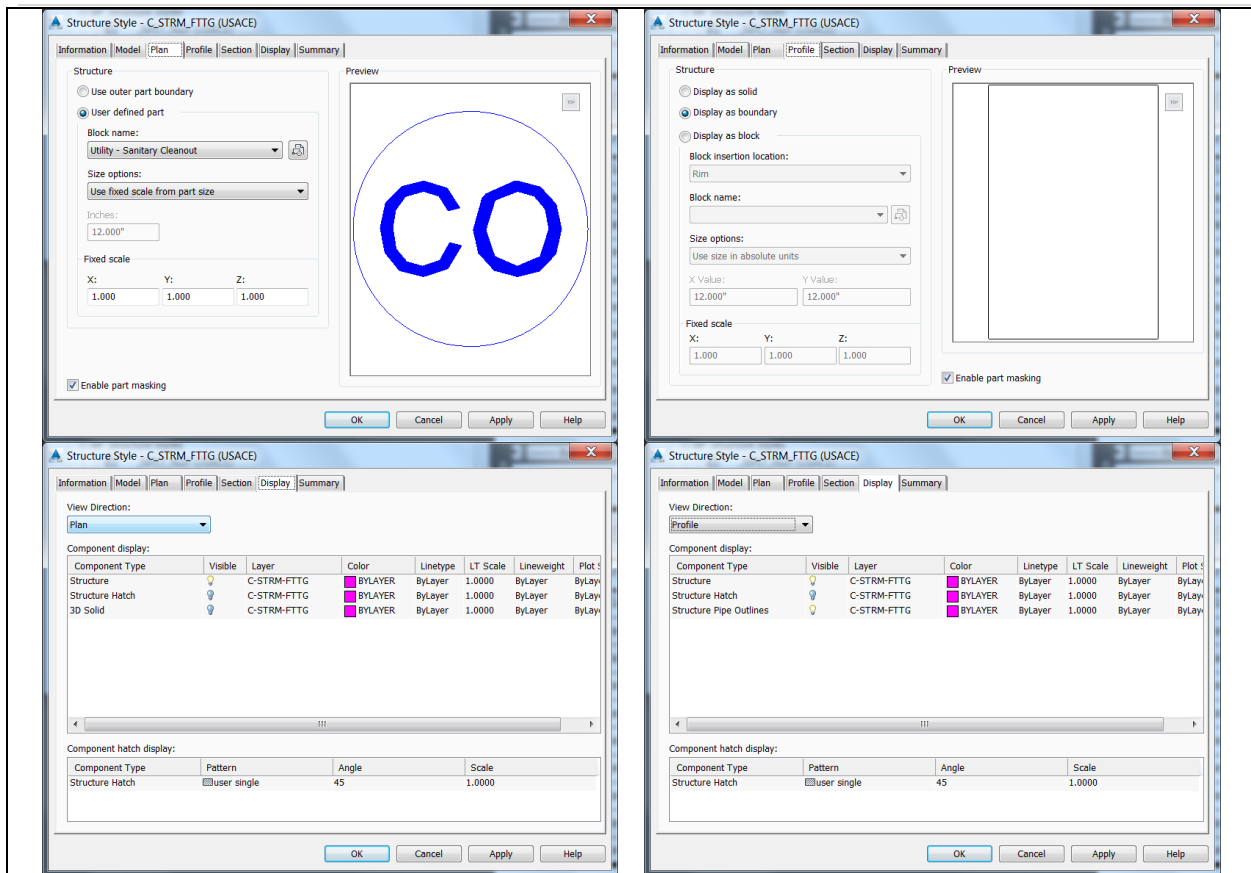
Name: C_SSWR_JB_MH (USACE)
Description: PROPOSED
 Junction Boxes and ManHoles

3



Name: C_STRM_FTTG (USACE)
Description: PROPOSED
 Caps and Cleanouts

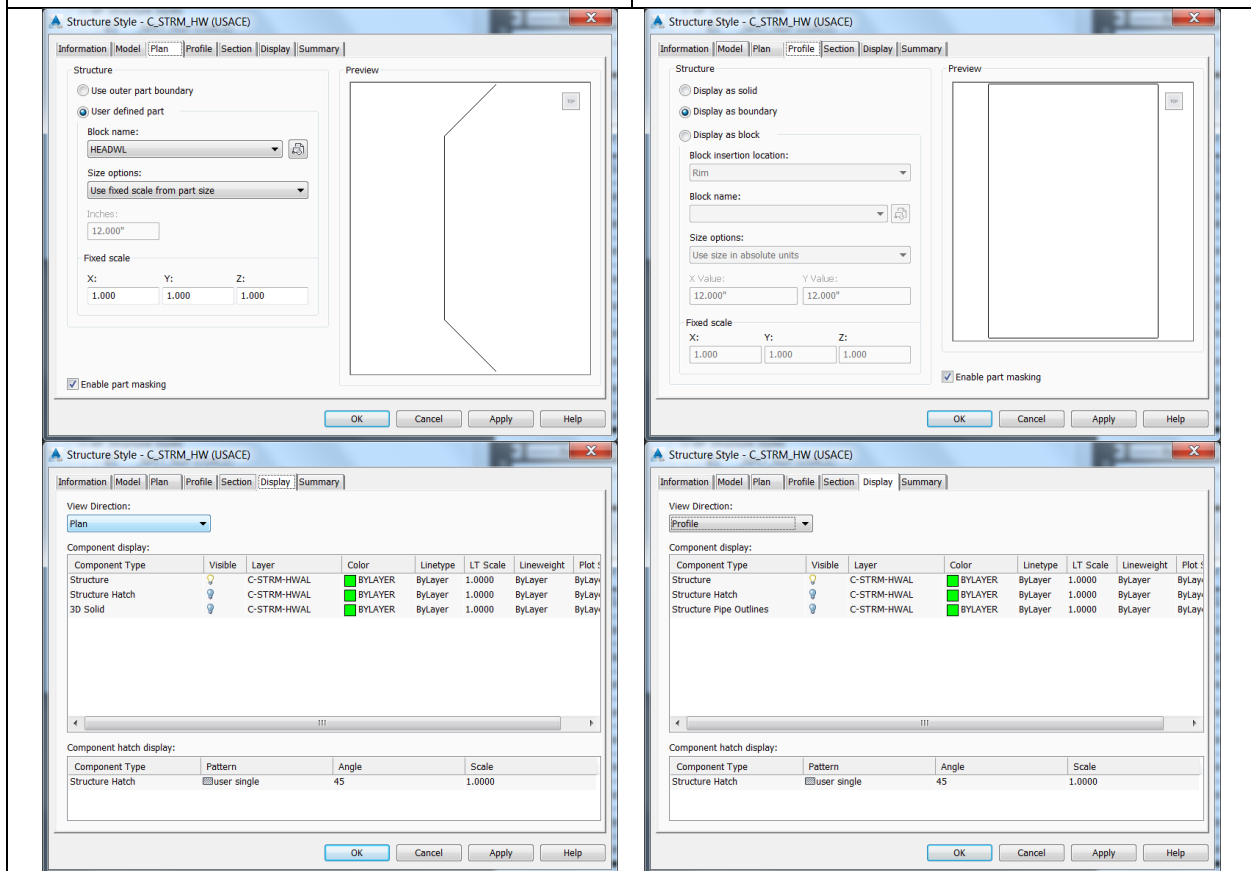
4



Name: C_STRM_HW (USACE)

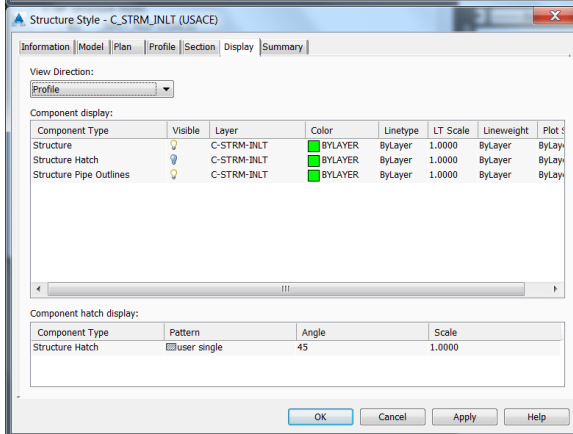
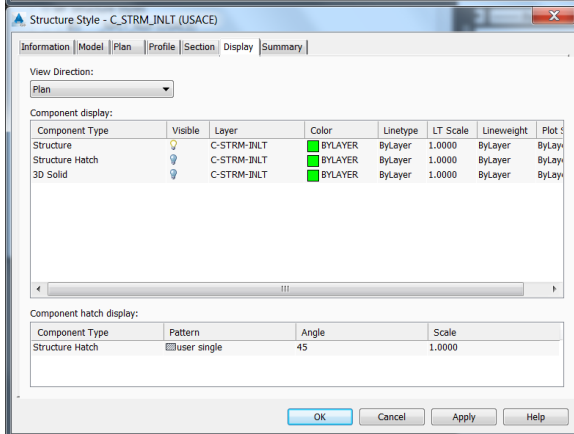
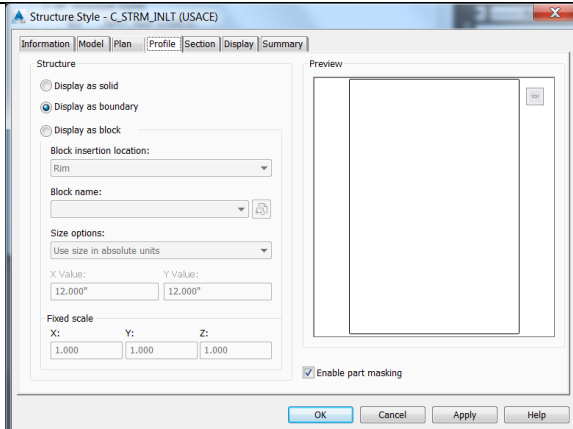
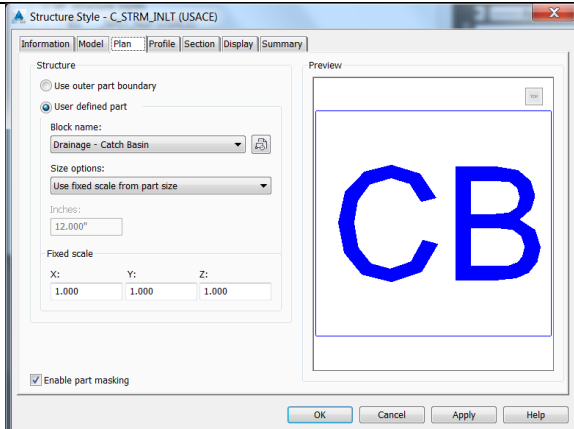
Description: PROPOSED
Headwalls and Endwalls

5



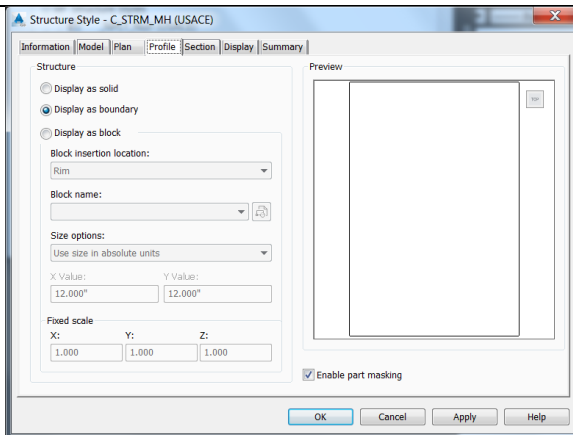
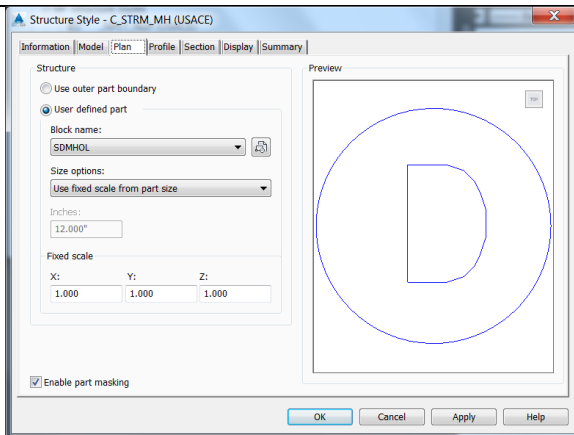
Name: C_STRM_INLT (USACE)
Description: PROPOSED
 Inlets, Curb, Surface, and CB

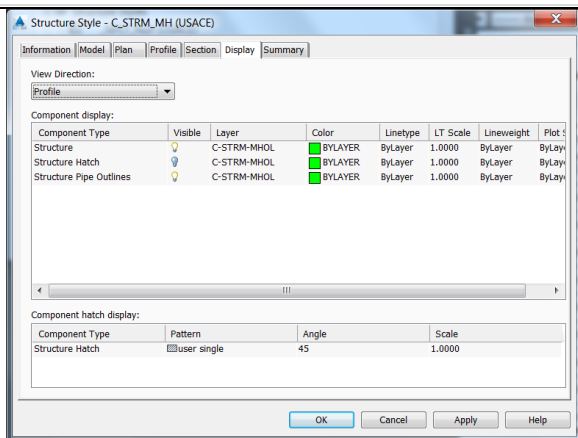
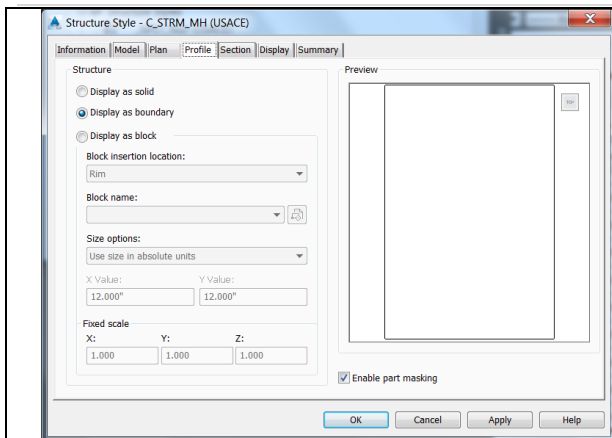
6



Name: C_STRM_MH (USACE)
Description: PROPOSED
 Manholes

7



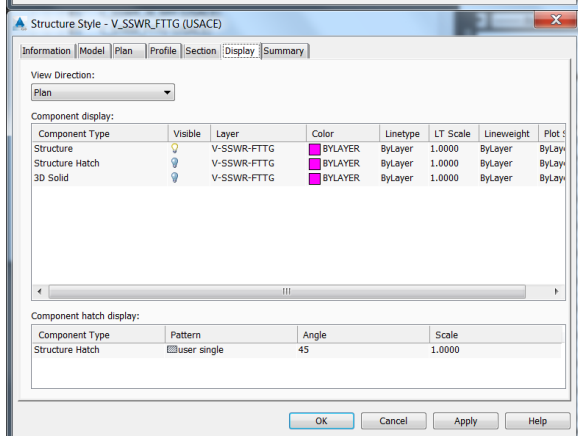
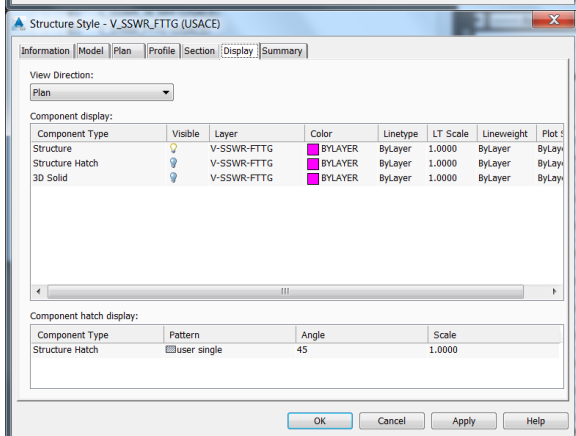
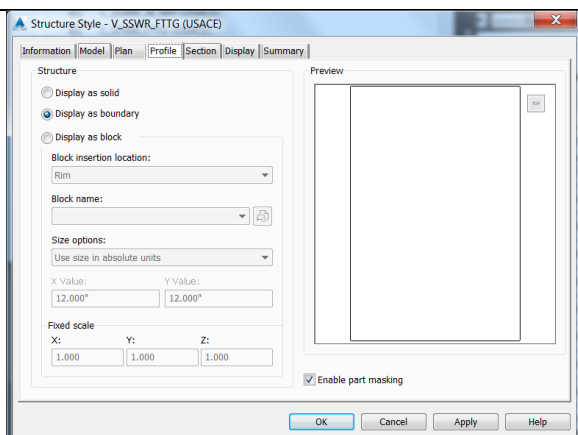
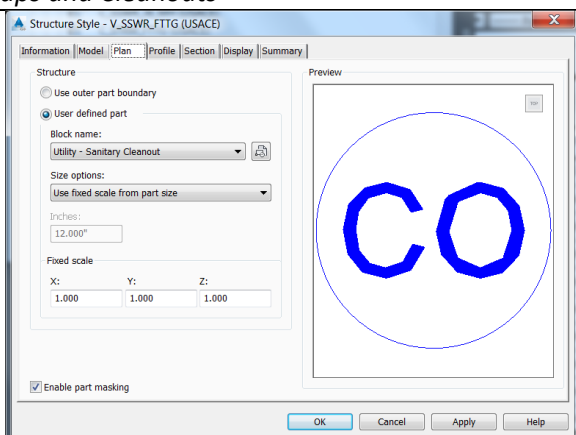


Name: V_SSWR_FTTG (USACE)

Description: EXISTING

Caps and Cleanouts

8

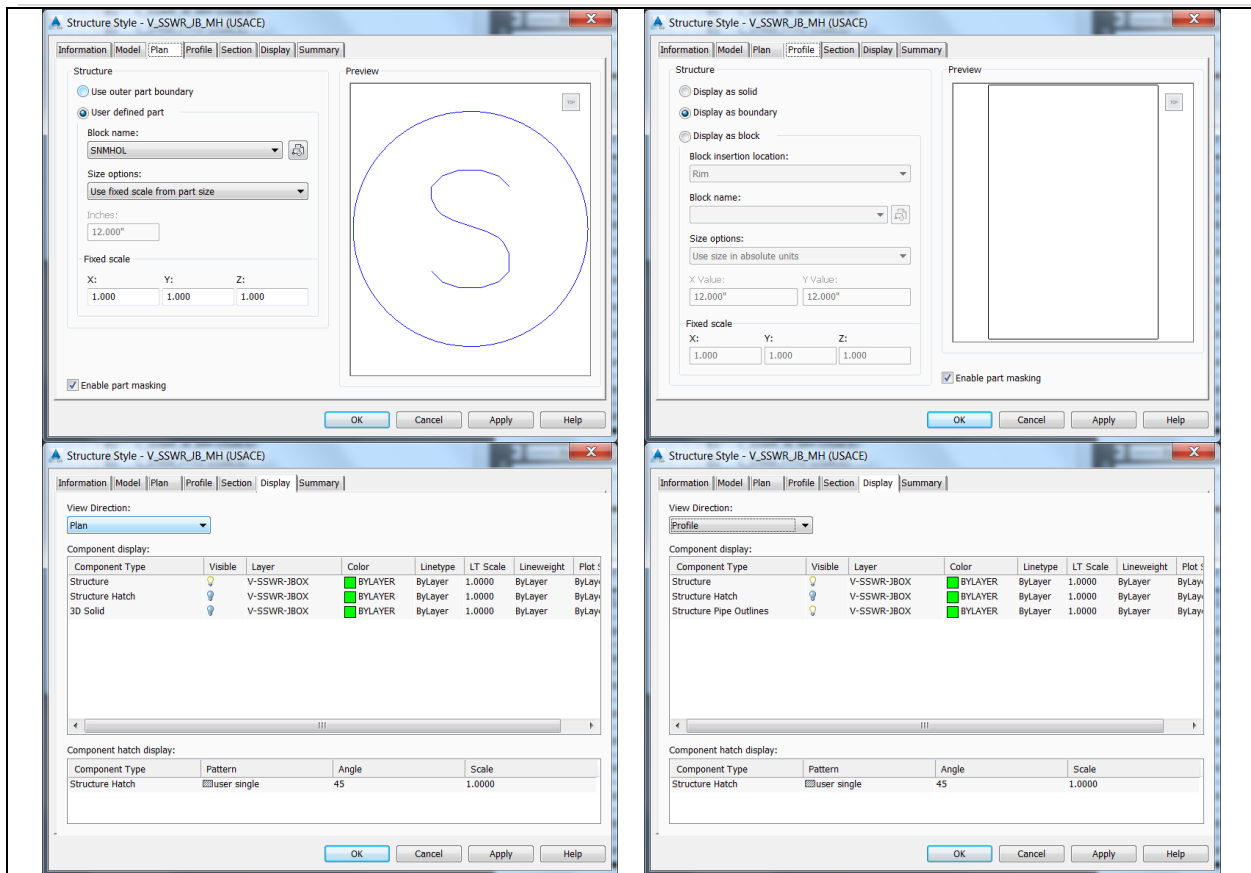


Name: V_SSWR_JB_MH (USACE)

Description: EXISTING

Junction Boxes and ManHoles

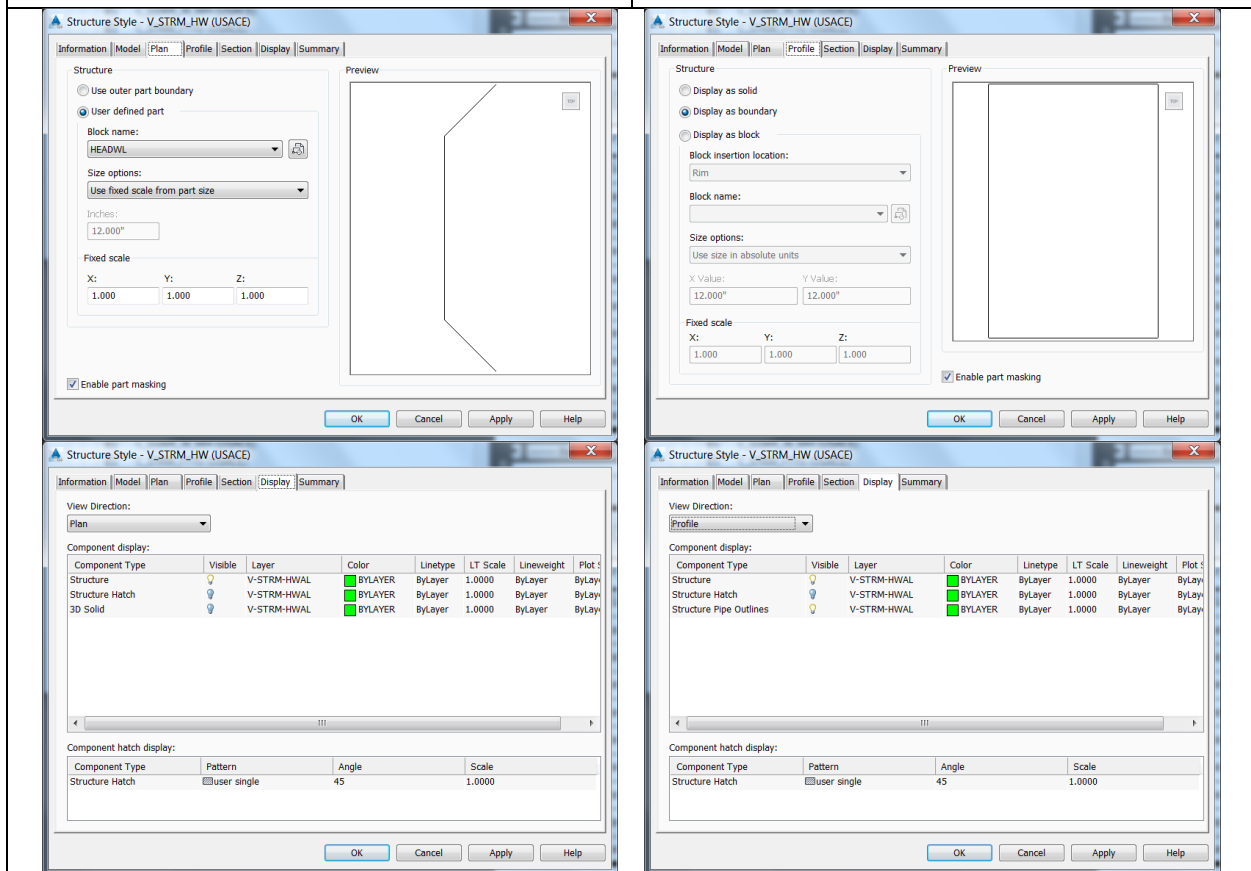
9



Name: V_STRM_HW (USACE)

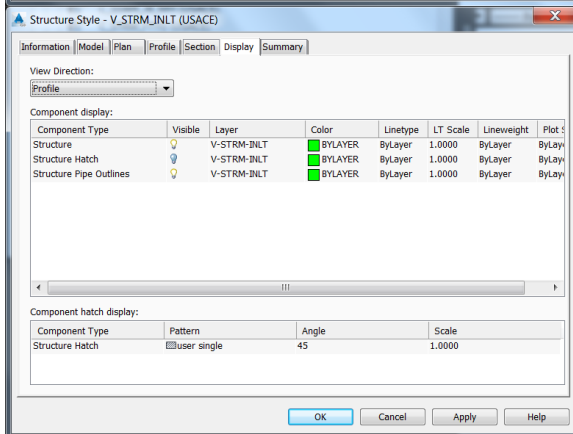
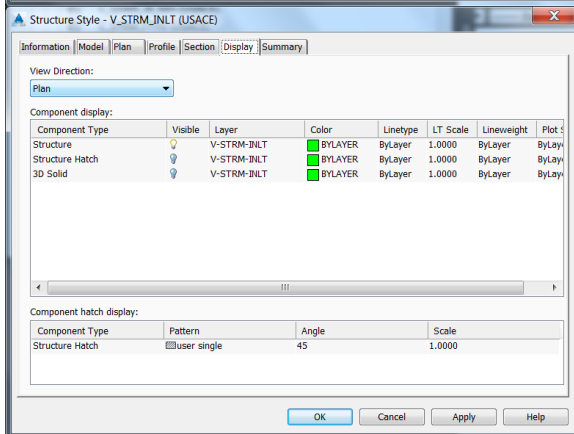
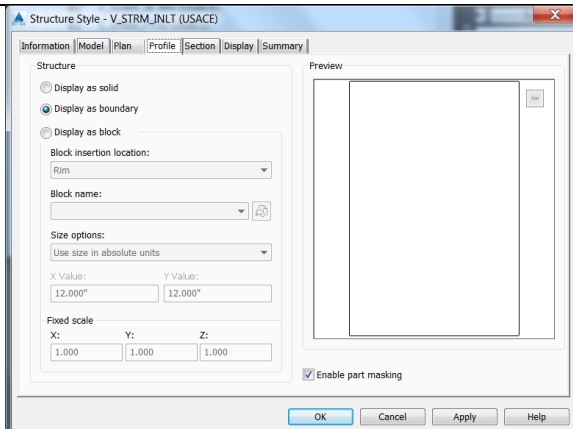
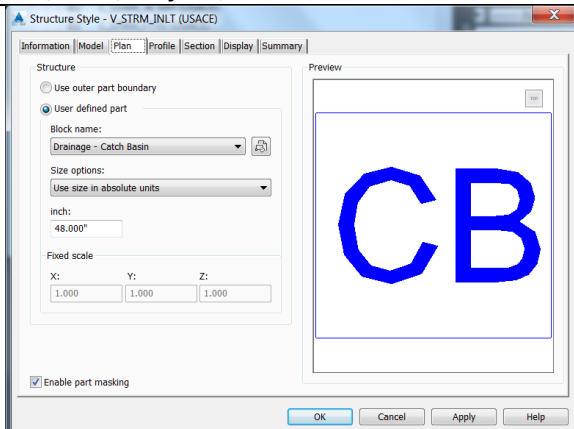
**Description: EXISTING
Headwalls and Endwalls**

10



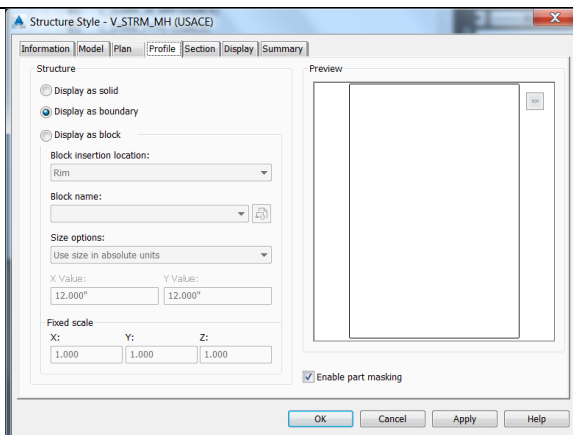
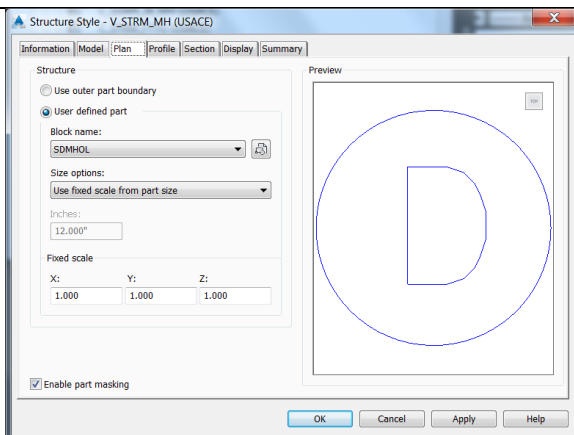
Name: V_STRM_INLT (USACE)
Description: EXISTING
 Inlets, Curb, Surface, and CB

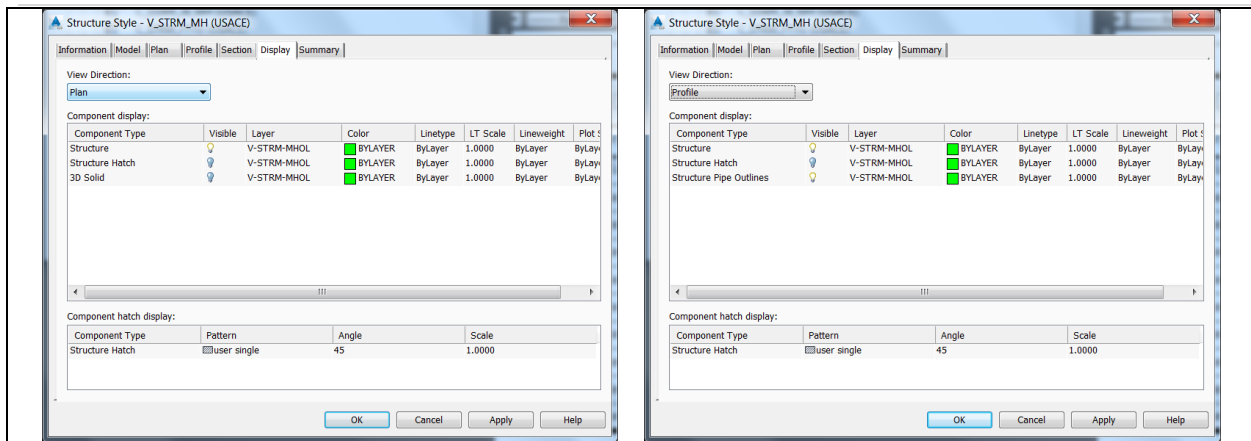
11



Name: V_STRM_MH (USACE)
Description: EXISTING
 ManHoles

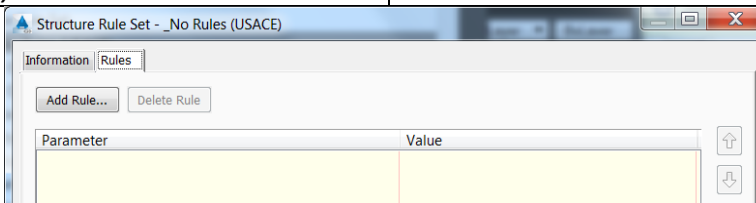
12



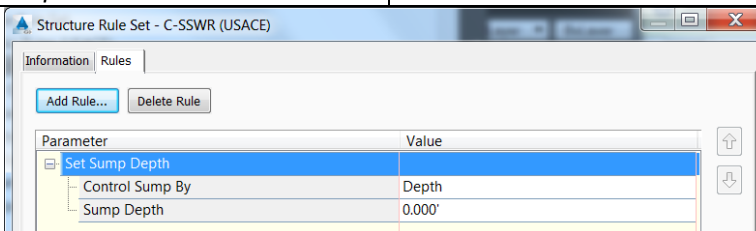


Structure Rule Set (3)

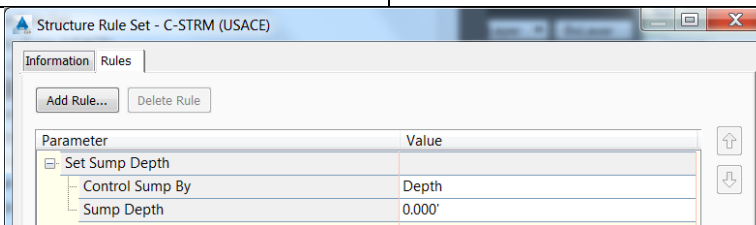
Name: _No Rules (USACE)
Description: Empty Rule Set



Name: C-SSWR (USACE)
Description: Sump Depth 0.00'



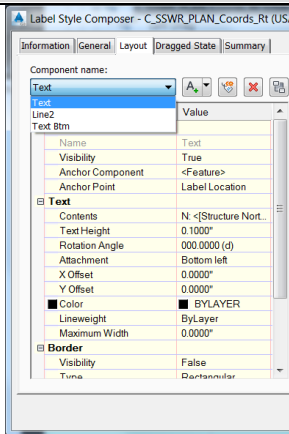
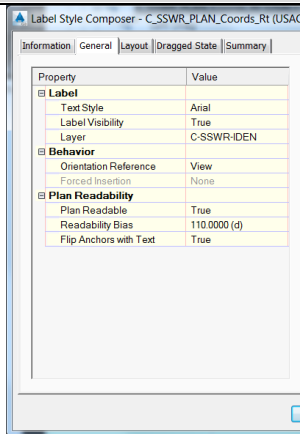
Sump Depth 0.00'



Structure LABEL Styles (23)

Name: C_SSWR_PLAN_Coords_Rt (USACE)
Description: PROPOSED
 Northing / Easting
 For RIGHT Side Drag

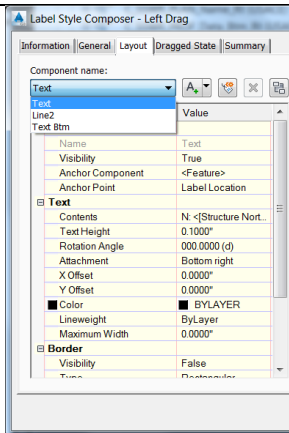
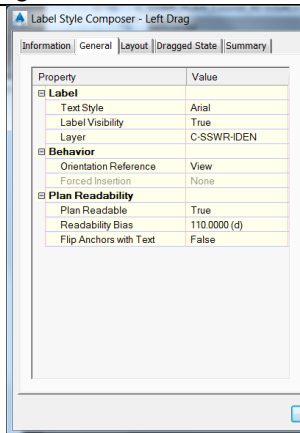
N: 105.00
E: 100.00



Name: Left Drag
Description: CHILD
 Northing / Easting

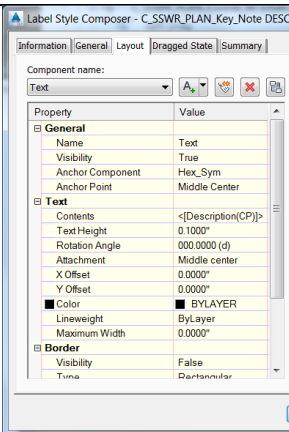
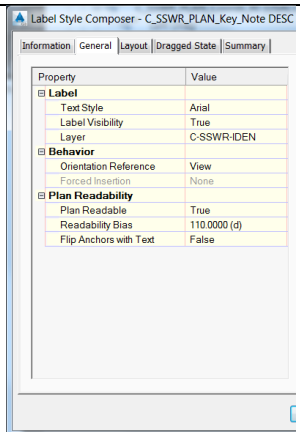
For LEFT Side Drag

N: 105.00
 E: 100.00



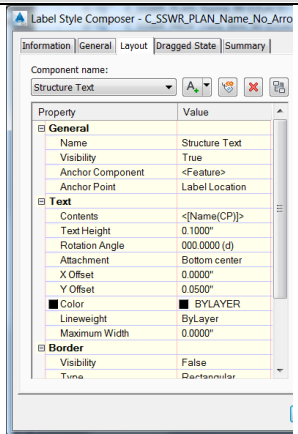
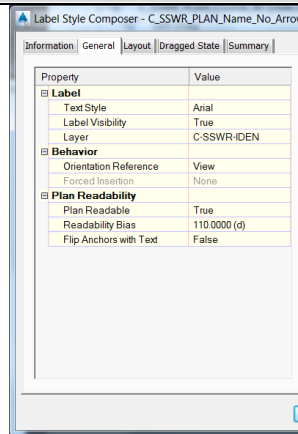
Name: C_SSWR_PLAN_Key_Note DESC (USACE)
Description: PROPOSED
 Uses Part Description, with Hexagon
Use Grip Edits in Drag State to relocate Leader Attachment

Cylinder Test Part Gen Struct



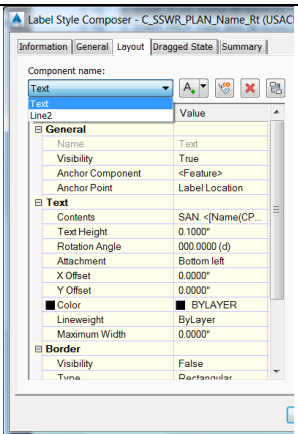
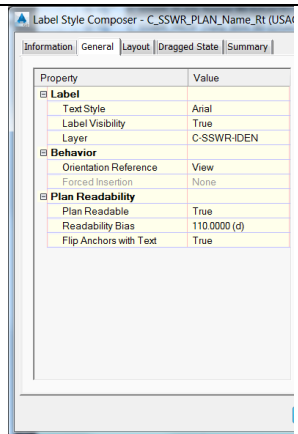
Name: C_SSWR_PLAN_Name_No_Arrow
 (USACE)
Description: PROPOSED
 Structure Name
No Arrow when Dragged

Structure - (1)



Name: C_SSWR_PLAN_Name_Rt (USACE)
Description: PROPOSED
 SAN. Displays Name

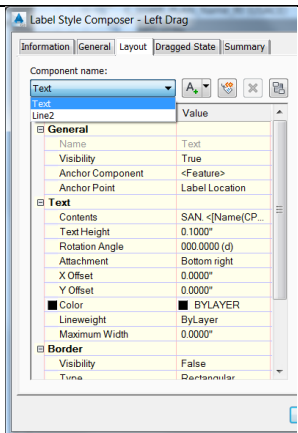
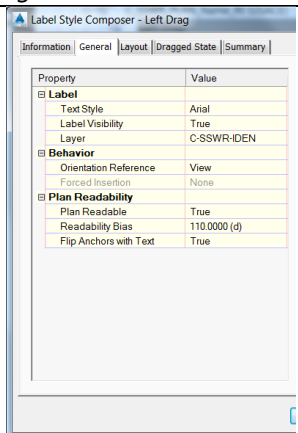
SAN. Structure - (1)



Name: Left Drag
Description: CHILD
 SAN. Displays Name

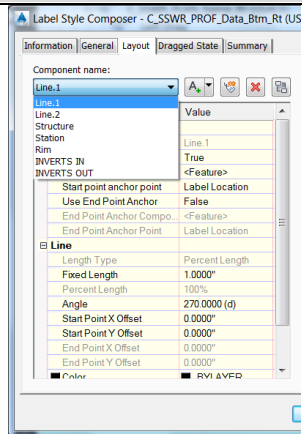
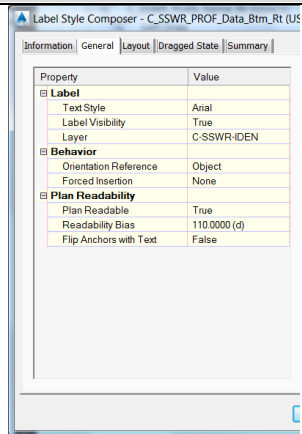
SAN. Structure - (1)

For LEFT Side Drag



Name: C_SSWR_PROF_Data_Btm_Rt (USACE)
Description: PROPOSED
 Location below, RIGHT - NOT grip editable
 Name
 Sta [If STA has "???", Reference Alignment is missing]

Structure - (1)
 STA: 0+34.25
 RIM: 29.96
 INV. OUT: 19.62



Name: XXX

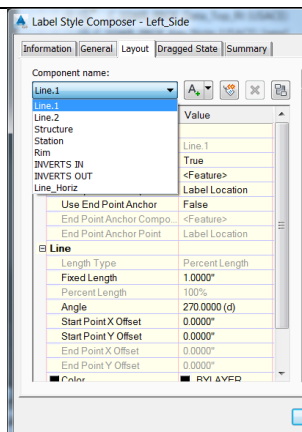
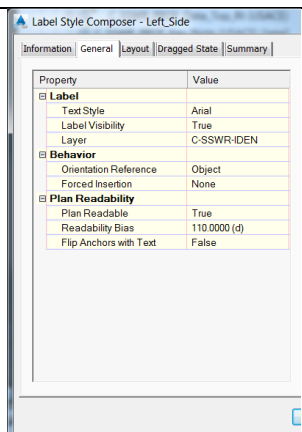
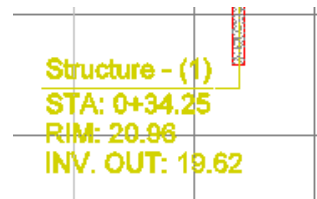
Description: CHILD

Location below, LEFT - NOT grip editable
Name

Sta [If STA has "???", Reference
Alignment is missing]

Rim

Inv



Name: C_SSWR_PROF_Data_Top [v] (USACE)

Description: PROPOSED

Location above VERTICAL, can be pulled UP by
grip

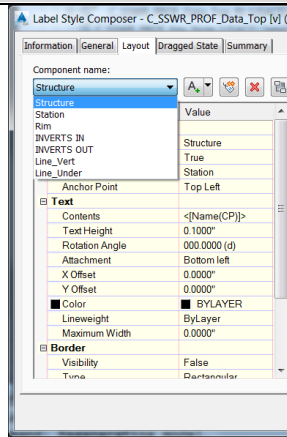
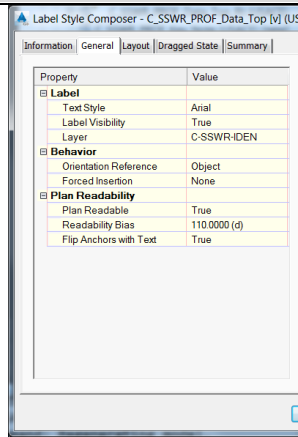
Name

Sta [If STA has "???", Reference Alignment is
missing]

Rim

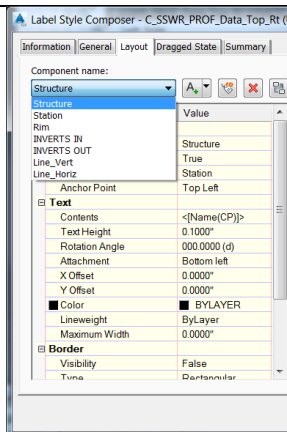
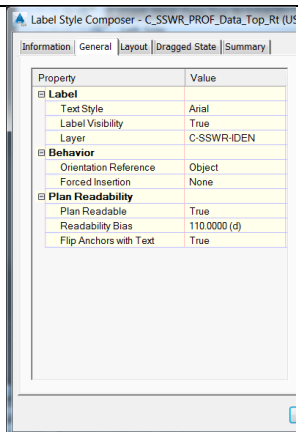
Inv

Structure - (1)
STA: 0+34.25
RIM: 20.96
INV. OUT: 19.62



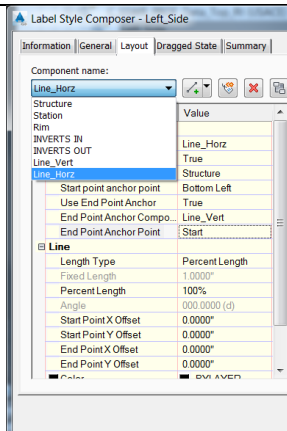
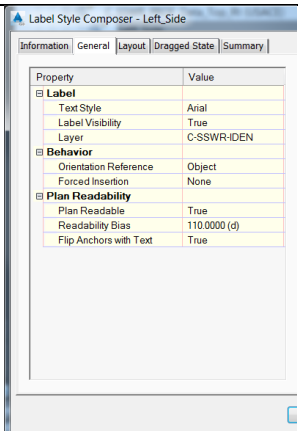
Name: C_SSWR_PROF_Data_Top_Rt (USACE)
Description: PROPOSED
 Location above RIGHT, can be pulled UP by grip
 Name
 Sta [If STA has "???", Reference Alignment is missing]
 Rim
 Inv

Structure - (1)
 STA: 0+34.25
 RIM: 20.96
 INV. OUT: 19.62



Name: Left_Side
Description: CHILD
 Northing / Easting
 For LEFT Side Drag

Structure - (1)
 STA: 0+34.25
 RIM: 20.96
 INV. OUT: 19.62



Name: C_SSWR_PROF_Key_Note (USACE)
Description: PROPOSED
 Uses Part Description, with Hexagon
 Use Grip Edits in Drag State to relocate Leader Attachment

Cylinder Test Part Gen Struct

Label Style Composer - C_SSWR_PROF_Key_Note (USACE)

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-SSWR-IDEN
Behavior	
Orientation Reference	View
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	False

Label Style Composer - C_SSWR_PROF_Key_Note (USACE)

Component name: Text

Property	Value
General	
Name	Text
Visibility	True
Anchor Component	<Feature>
Anchor Point	Structure Dimensi...
Text	
Contents	<{Description(CP)}>
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Bottom center
X Offset	0.0000"
Y Offset	0.5000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Turn	Default

Name: C_STRM_PLAN_Coords_Rt (USACE)
Description: PROPOSED
 Northing / Easting
 For RIGHT Side Drag

N: 170.00
 E: 15.00

Label Style Composer - C_STRM_PLAN_Coords_Rt (USACE)

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-STRM-IDEN
Behavior	
Orientation Reference	View
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	True

Label Style Composer - C_STRM_PLAN_Coords_Rt (USACE)

Component name: Text

Property	Value
General	
Name	Text
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	N: <{Structure Nort...}>
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Bottom left
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Turn	Default

Name: Left_Drag
Description: CHILD
 Northing / Easting
 For LEFT Side Drag

N: 170.00
 E: 15.00

Label Style Composer - Left_Drag

Property	Value
Label	
Text Style	Arial
Label Visibility	True
Layer	C-STRM-IDEN
Behavior	
Orientation Reference	View
Forced Insertion	None
Plan Readability	
Plan Readable	True
Readability Bias	110.0000 (d)
Flip Anchors with Text	True

Label Style Composer - Left_Drag

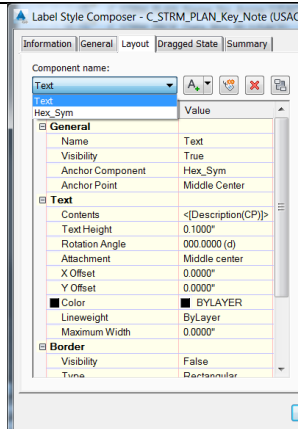
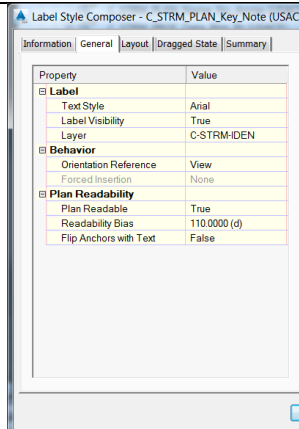
Component name: Text

Property	Value
General	
Name	Text
Visibility	True
Anchor Component	<Feature>
Anchor Point	Label Location
Text	
Contents	N: <{Structure Nort...}>
Text Height	0.1000"
Rotation Angle	000.0000 (d)
Attachment	Bottom right
X Offset	0.0000"
Y Offset	0.0000"
Color	BYLAYER
Lineweight	ByLayer
Maximum Width	0.0000"
Border	
Visibility	False
Turn	Default

Name: C_STRM_PLAN_Key_Note (USACE)
Description: PROPOSED

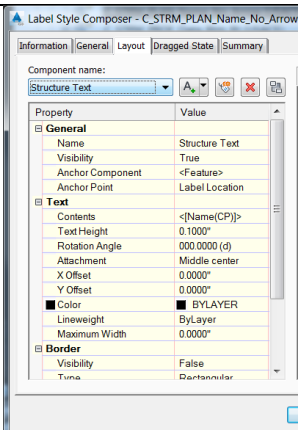
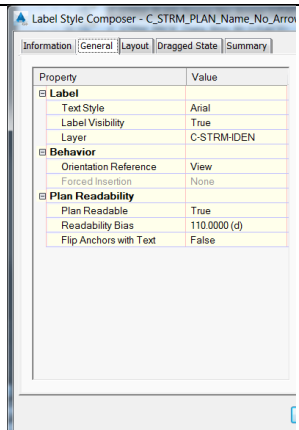
Cylinder Test Part Gen Struct

Uses Part Description, with Hexagon
 Use Grip Edits in Drag State to relocate Leader Attachment



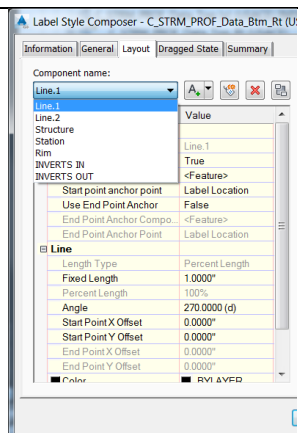
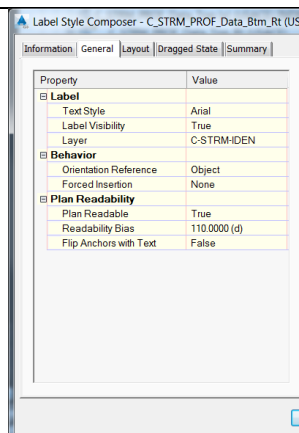
Name: C_STRM_PLAN_Name_No_Arrow (USACE)
Description: PROPOSED
 Structure Name
 No Arrow when Dragged

Structure - (1)



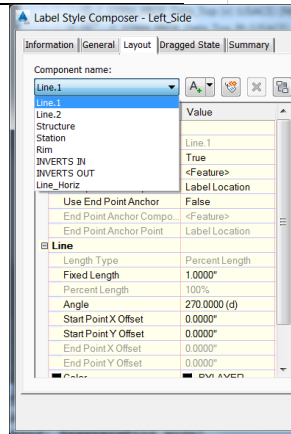
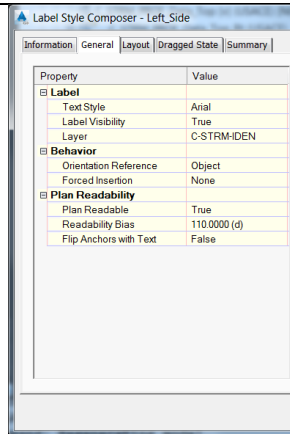
Name: C_STRM_PROF_Data_Btm_Rt (USACE)
Description: PROPOSED
 Location below, RIGHT - NOT grip editable
 Name
 Sta [If STA has "???", Reference Alignment is missing]
 Rim
 Inv

Structure - (1)
 STA: 0+34.25
 RIM: 20.96
 INV, OUT: 19.62



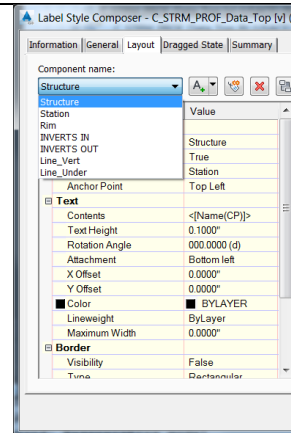
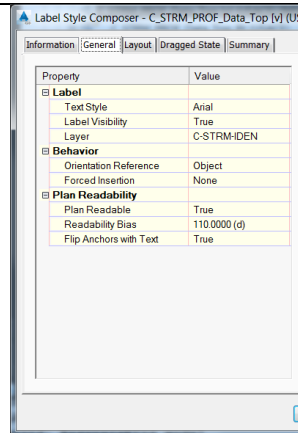
Name: XXX
Description: XXX

Structure - (1)
STA: 0+34.25
RIM: 20.96
INV. OUT: 19.62



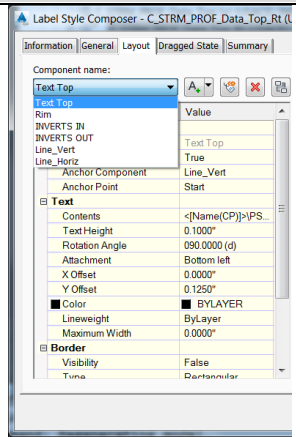
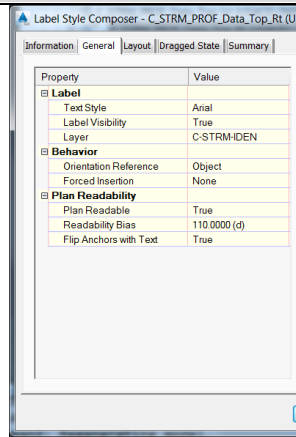
Name: C_STRM_PROF_Data_Top [v] (USACE)
Description: PROPOSED
Location above VERTICAL, can be pulled UP by grip
Name
Sta [If STA has "???", Reference Alignment is missing]
Rim
Inv

Structure - (1)
STA: 0+34.25
RIM: 20.96
INV. OUT: 19.62



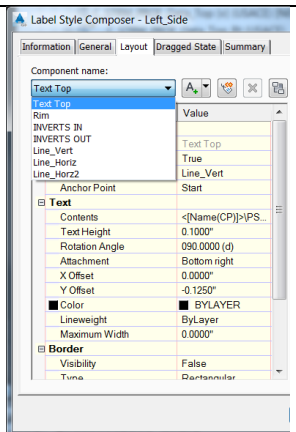
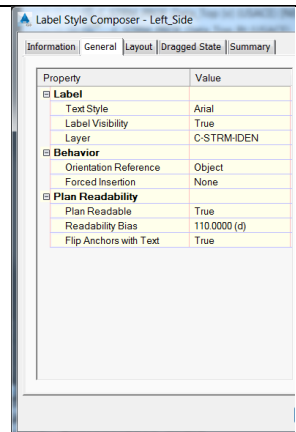
Name: C_STRM_PROF_Data_Top_Rt (USACE)
Description: PROPOSED
Location above RIGHT, can be pulled UP by grip
Name
Sta [If STA has "???", Reference Alignment is missing]
Rim
Inv

Structure - (1)
STA: 0+34.25
RIM: 20.96
INV. OUT: 19.62



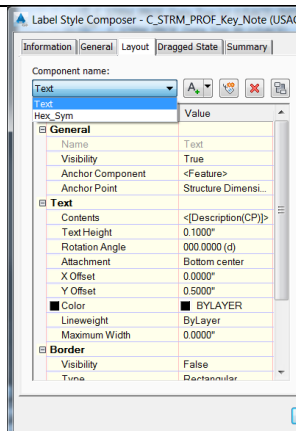
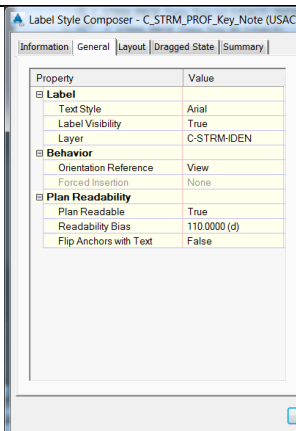
Name: Left_Side
Description: CHILD
 Location above LEFT, can be pulled UP by grip
 Name
 Sta [If STA has "???", Reference Alignment is missing]
 Rim

Structure - (1)
 STA: 0+34.25
 RIM: 20.96
 INV. OUT: 19.62



Name: C_STRM_PROF_Key_Note (USACE)
Description: PROPOSED
 Uses Part Description, with Hexagon
 Use Grip Edits in Drag State to relocate Leader Attachment

Cylinder Test Part Gen Struct



Name: V_SSWR_PLAN_Desc (USACE)

Description: EX. Description

Ex. MH

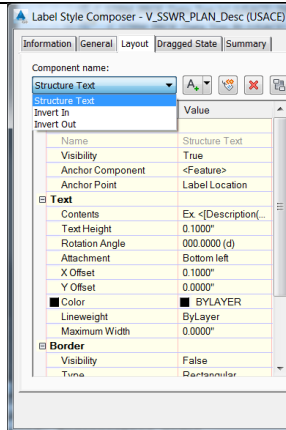
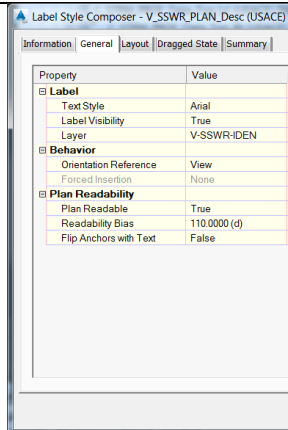
RIM:

INV.

Ex. Cylinder Test Part Gen Struct

RIM: 20.96

INV OUT: 19.62



Name: V_STRM_PLAN_Desc (USACE)

Description: EX. Description

Ex. MH

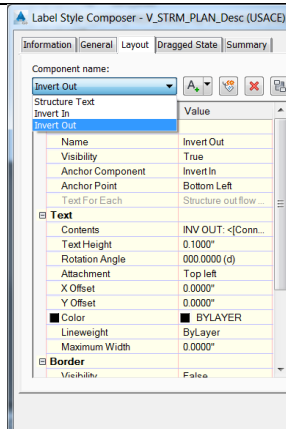
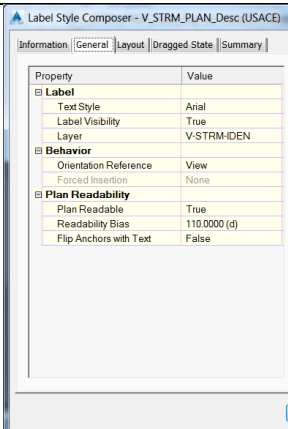
RIM:

INV.

Ex. Cylinder Test Part Gen Struct

RIM: 20.96

INV OUT: 19.62



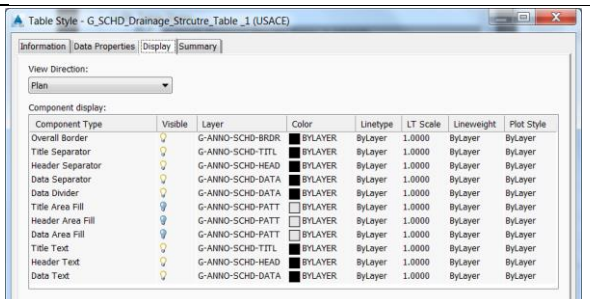
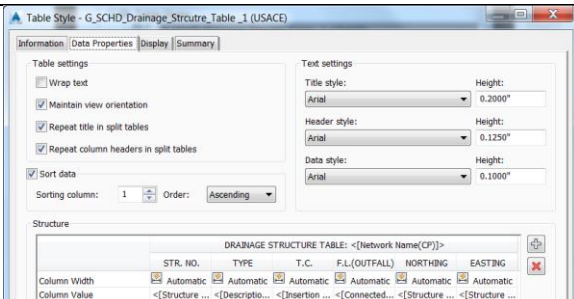
Structure TABLE Styles (2)

Name: G_SCHD_Drainage_Structure_Table_1 (USACE)

Description: XXX

DRAINAGE STRUCTURE TABLE: PROP-SSWR

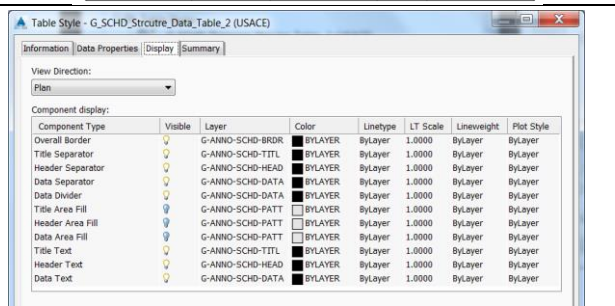
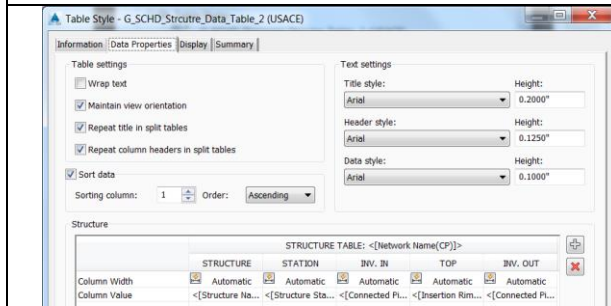
STR. NO.	TYPE	T.C.	F.L. (OUTFALL)	NORTHING	EASTING
STRU (17)	Cylindrical Junction Structure NF	191.58	178.41	606459.12	1330832.76
STRU (18)	13	191.05	180.79	606386.92	1330946.20
STRU (19)	CB1	191.10		606287.21	1331078.64



Name: G_SCHD_Strcutre_Data_Table_2 (USACE)
Description: NAME | STAT | INV. IN | TOP | INV. OUT
 OUT

STRUCTURE TABLE: PROP-SSWR

STRUCTURE	STATION	INV. IN	TOP	INV. OUT
STRU (17)	16+00		191.58	178.41 (12" DIP)
STRU (18)	17+34.40	177.60 (12" DIP)	191.05	180.79 (18" PVC)
STRU (19)	19+00	179.80 (18" PVC)	191.10	



1.22 Pressure Network

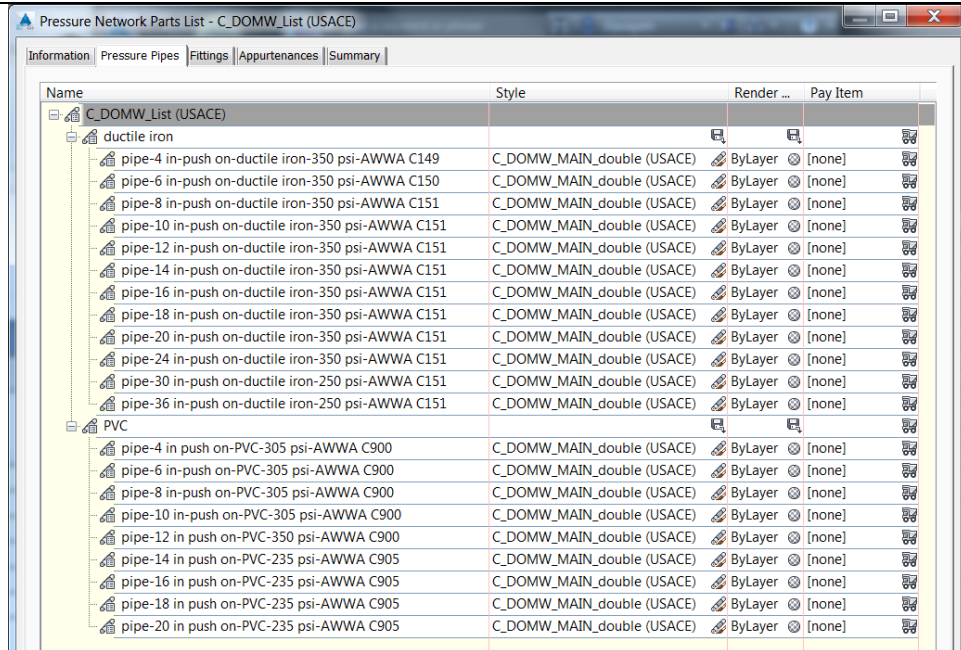
PRESSURE NETWORK

PARTS LIST (2)

C_DOMW_List (USACE)

Proposed DIP Parts List

PIPES



Name	Style	Render ...	Pay Item
C_DOMW_List (USACE)			
ductile iron			
pipe-4 in-push on-ductile iron-350 psi-AWWA C149	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-6 in-push on-ductile iron-350 psi-AWWA C150	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-8 in-push on-ductile iron-350 psi-AWWA C151	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-10 in-push on-ductile iron-350 psi-AWWA C151	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-12 in-push on-ductile iron-350 psi-AWWA C151	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-14 in-push on-ductile iron-350 psi-AWWA C151	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-16 in-push on-ductile iron-350 psi-AWWA C151	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-18 in-push on-ductile iron-350 psi-AWWA C151	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-20 in-push on-ductile iron-350 psi-AWWA C151	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-24 in-push on-ductile iron-350 psi-AWWA C151	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-30 in-push on-ductile iron-250 psi-AWWA C151	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-36 in-push on-ductile iron-250 psi-AWWA C151	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
PVC			
pipe-4 in push on-PVC-305 psi-AWWA C900	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-6 in push on-PVC-305 psi-AWWA C900	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-8 in push on-PVC-305 psi-AWWA C900	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-10 in push on-PVC-305 psi-AWWA C900	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-12 in push on-PVC-350 psi-AWWA C900	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-14 in push on-PVC-235 psi-AWWA C905	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-16 in push on-PVC-235 psi-AWWA C905	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-18 in push on-PVC-235 psi-AWWA C905	C_DOMW_MAIN_double (USACE)	ByLayer	[none]
pipe-20 in push on-PVC-235 psi-AWWA C905	C_DOMW_MAIN_double (USACE)	ByLayer	[none]

FITTINGS

9/20/2017

9/20/2017

tee-20 in x 12 in- push on-ductile iron-350 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-20 in x 14 in- push on-ductile iron-350 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-20 in x 16 in- push on-ductile iron-350 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-20 in x 18 in- push on-ductile iron-350 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-20 in x 20 in- push on-ductile iron-350 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-24 in x 6 in- push on-ductile iron-350 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-24 in x 8 in- push on-ductile iron-350 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-24 in x 10 in- push on-ductile iron-350 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-24 in x 12 in- push on-ductile iron-350 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-24 in x 14 in- push on-ductile iron-350 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-24 in x 16 in- push on-ductile iron-350 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-24 in x 18 in- push on-ductile iron-350 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-24 in x 20 in- push on-ductile iron-350 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-24 in x 24 in- push on-ductile iron-350 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-30 in x 6 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-30 in x 8 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-30 in x 10 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-30 in x 12 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-30 in x 14 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-30 in x 16 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-30 in x 18 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-30 in x 20 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-30 in x 24 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-30 in x 30 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-36 in x 6 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-36 in x 8 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-36 in x 10 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-36 in x 12 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-36 in x 14 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-36 in x 16 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-36 in x 18 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-36 in x 20 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-36 in x 24 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-36 in x 30 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	
tee-36 in x 36 in- push on-ductile iron-250 psi-AW...	C_DOWM_FTTG_Outline (USACE)	ByLayer	[none]	

APPURTENANCES

Pressure Network Parts List - C_DOMW_List (USACE)				
Information Pressure Pipes Fittings Appurtenances Summary				
Name	Style	Render...	Pay Item	
[-] C_DOMW_List (USACE)				
[-] gate valve-push on-ductile iron-150 psi				
[-] gate valve-16 inch-push on-ductile iron-150 psi-AWWA C111/C500	C_DOMW_DEVC_Outline (USACE)	ByLa...	[none]	
[-] gate valve-20 inch-push on-ductile iron-150 psi-AWWA C111/C500	C_DOMW_DEVC_Outline (USACE)	ByLa...	[none]	
[-] gate valve-30 inch-push on-ductile iron-150 psi-AWWA C111/C500	C_DOMW_DEVC_Outline (USACE)	ByLa...	[none]	
[-] gate valve-push on-ductile iron-200 psi				
[-] gate valve-6 inch-push on-ductile iron-200 psi-AWWA C111/C500	C_DOMW_DEVC_Outline (USACE)	ByLa...	[none]	
[-] gate valve-8 inch-push on-ductile iron-200 psi-AWWA C111/C500	C_DOMW_DEVC_Outline (USACE)	ByLa...	[none]	
[-] gate valve-10 inch-push on-ductile iron-200 psi-AWWA C111/C500	C_DOMW_DEVC_Outline (USACE)	ByLa...	[none]	
[-] gate valve-12 inch-push on-ductile iron-200 psi-AWWA C111/C500	C_DOMW_DEVC_Outline (USACE)	ByLa...	[none]	

C_WATR_List (USACE)

Proposed DIP Parts List PIPES

Pressure Network Parts List - C_WATR_List (USACE)			
Information Pressure Pipes Fittings Appurtenances Summary			
Name	Style	Render ...	Pay Item
C_WATR_List (USACE)			
ductile iron			
pipe-4 in-push on-ductile iron-350 psi-AWWA C149	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-6 in-push on-ductile iron-350 psi-AWWA C150	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-8 in-push on-ductile iron-350 psi-AWWA C151	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-10 in-push on-ductile iron-350 psi-AWWA C151	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-12 in-push on-ductile iron-350 psi-AWWA C151	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-14 in-push on-ductile iron-350 psi-AWWA C151	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-16 in-push on-ductile iron-350 psi-AWWA C151	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-18 in-push on-ductile iron-350 psi-AWWA C151	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-20 in-push on-ductile iron-350 psi-AWWA C151	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-24 in-push on-ductile iron-350 psi-AWWA C151	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-30 in-push on-ductile iron-250 psi-AWWA C151	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-36 in-push on-ductile iron-250 psi-AWWA C151	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
PVC			
pipe-4 in push on-PVC-305 psi-AWWA C900	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-6 in-push on-PVC-305 psi-AWWA C900	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-8 in-push on-PVC-305 psi-AWWA C900	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-10 in-push on-PVC-305 psi-AWWA C900	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-12 in push on-PVC-350 psi-AWWA C900	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-14 in push on-PVC-235 psi-AWWA C905	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-16 in push on-PVC-235 psi-AWWA C905	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-18 in push on-PVC-235 psi-AWWA C905	C_WATR_MAIN_CL (USACE)	ByLayer	[none]
pipe-20 in push on-PVC-235 psi-AWWA C905	C_WATR_MAIN_CL (USACE)	ByLayer	[none]

FITTINGS

Pressure Network Parts List - C_WATR_List (USACE)			
Information Pressure Pipes Fittings Appurtenances Summary			
Name	Style	Render Material	Pay Item
C_WATR_List (USACE)			
ductile iron Cross			
cross-14 in x 6 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-14 in x 8 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-14 in x 10 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-14 in x 12 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-14 in x 14 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-16 in x 6 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-16 in x 8 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-16 in x 10 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-16 in x 12 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-16 in x 14 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-16 in x 16 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-18 in x 6 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-18 in x 8 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-18 in x 10 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-18 in x 12 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-18 in x 14 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-18 in x 16 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-18 in x 18 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-20 in x 6 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-20 in x 8 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-20 in x 10 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-20 in x 12 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-20 in x 14 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-20 in x 16 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-20 in x 18 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-20 in x 20 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-24 in x 6 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-24 in x 8 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-24 in x 10 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-24 in x 12 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-24 in x 14 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]
cross-24 in x 16 in- push on-ductile iron-350 psi-A...	C_WATR_DEVC_CL (USACE)	ByLayer	[none]

APPURTENANCES

9/20/2017

9/20/2017

1.23 Pressure Pipe

PRESSURE PIPE

Object Styles (2)

Name: C_DOMW_MAIN_double (USACE)

Description: PLAN: Inside and Outside Diameter

PROF: Inside and Outside Diameter

Pressure Pipe Style - C_DOMW_MAIN_double (USACE)

Information | Plan | Profile | Display | Summary

Pipe wall sizes

☒ Use part dimensions

Inner diameter: 12.000" Outer diameter: 12.000"

Pipe end line size

☐ Draw to inner walls

☒ Draw to outer walls

☐ User defined

Inch: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☐ Align hatch to pipe

OK Cancel Apply Help

Pressure Pipe Style - C_DOMW_MAIN_double (USACE)

Information | Plan | Profile | Display | Summary

Pipe wall sizes

☒ Use part dimensions

Inner diameter: 12.000" Outer diameter: 12.000"

Pipe end line size

☐ Draw to inner walls

☒ Draw to outer walls

☐ User defined

Inch: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☐ Align hatch to pipe

Crossing pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

OK Cancel Apply Help

Pressure Pipe Style - C_DOMW_MAIN_double (USACE)

Information | Plan | Profile | Display | Summary

View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Pipe Centerline	<input checked="" type="checkbox"/>	C-DOMW-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Inside Pipe Walls	<input checked="" type="checkbox"/>	C-DOMW-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Outside Pipe Walls	<input checked="" type="checkbox"/>	C-DOMW-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe End Line	<input checked="" type="checkbox"/>	C-DOMW-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe Hatch	<input checked="" type="checkbox"/>	C-DOMW-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe Solid	<input checked="" type="checkbox"/>	C-DOMW-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

Component hatch display:

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> User single	45	1.0000

OK Cancel Apply Help

Pressure Pipe Style - C_DOMW_MAIN_double (USACE)

Information | Plan | Profile | Display | Summary

View Direction: Plan

Component display:

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Pipe Centerline	<input checked="" type="checkbox"/>	C-DOMW-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Inside Pipe Walls	<input checked="" type="checkbox"/>	C-DOMW-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Outside Pipe Walls	<input checked="" type="checkbox"/>	C-DOMW-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe End Line	<input checked="" type="checkbox"/>	C-DOMW-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe Hatch	<input checked="" type="checkbox"/>	C-DOMW-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Pipe Solid	<input checked="" type="checkbox"/>	C-DOMW-MAIN-PIPE	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer

Component hatch display:

Component Type	Pattern	Angle	Scale
Pipe Hatch	<input checked="" type="checkbox"/> User single	45	1.0000

OK Cancel Apply Help

Name: C_WATR_MAIN_CL (USACE)

Description: PLAN: Centerline with End Line

PROF: Inside and Outside DIM

Pressure Pipe Style - C_WATR_MAIN_CL (USACE)

Information | Plan | Profile | Display | Summary

Pipe wall sizes

☒ Use part dimensions

Inner diameter: 12.000" Outer diameter: 12.000"

Pipe end line size

☐ Draw to inner walls

☒ Draw to outer walls

☐ User defined

Inch: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☐ Align hatch to pipe

OK Cancel Apply Help

Pressure Pipe Style - C_WATR_MAIN_CL (USACE)

Information | Plan | Profile | Display | Summary

Pipe wall sizes

☒ Use part dimensions

Inner diameter: 12.000" Outer diameter: 12.000"

Pipe end line size

☐ Draw to inner walls

☒ Draw to outer walls

☐ User defined

Inch: 12.000"

Pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

☐ Align hatch to pipe

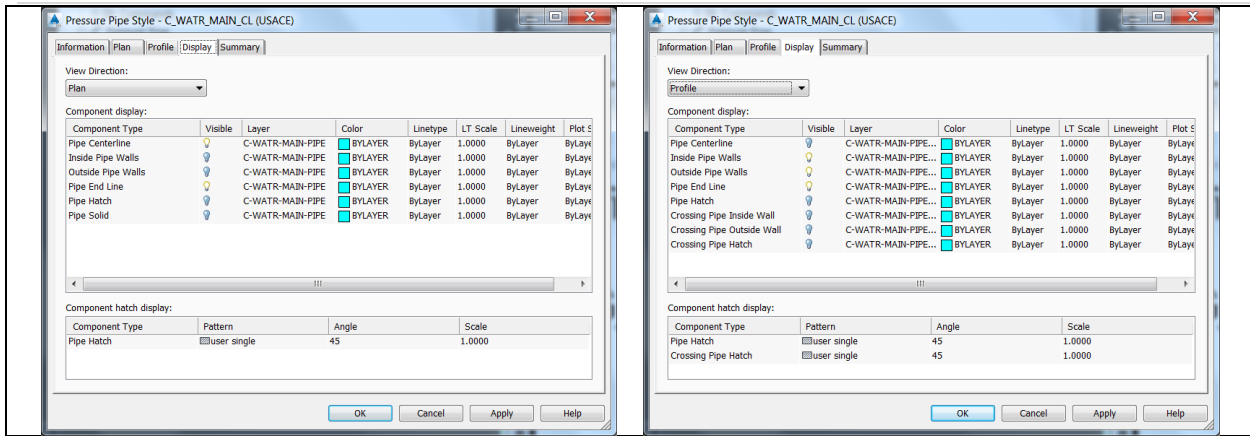
Crossing pipe hatch options

☐ Hatch to inner walls

☐ Hatch to outer walls

☒ Hatch walls only

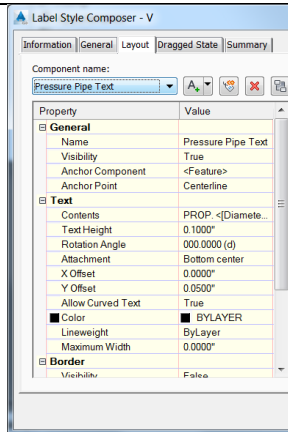
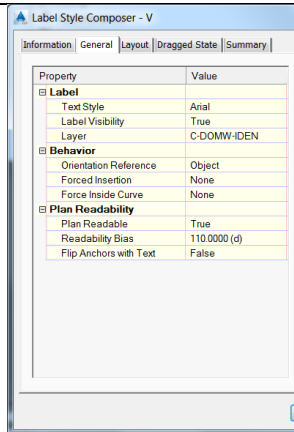
OK Cancel Apply Help



Pressure Pipe LABEL Styles (2)

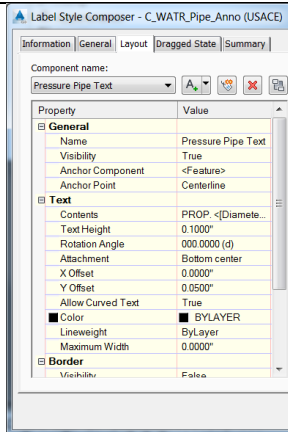
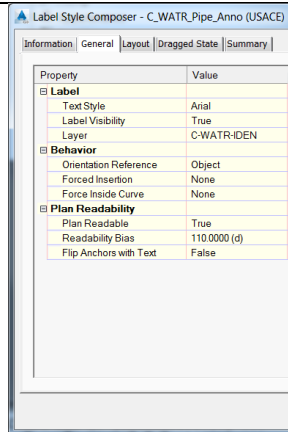
Name: C_DOMW_Pipe_Anno (USACE)
Description: PROP. Size" WL

PROP. ???" WL



Name: C_WATR_Pipe_Anno (USACE)
Description: PROP. Size" WL

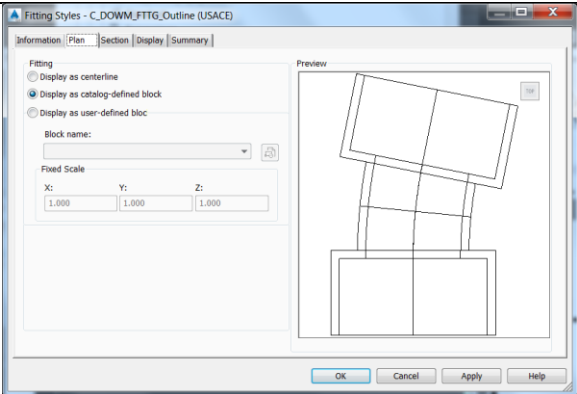
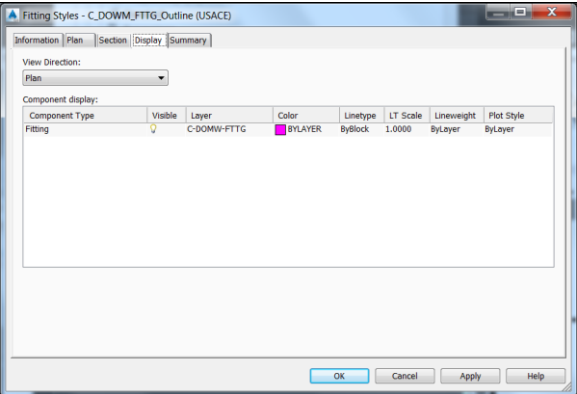
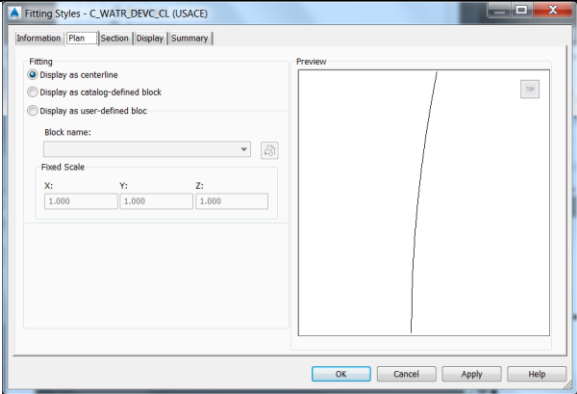
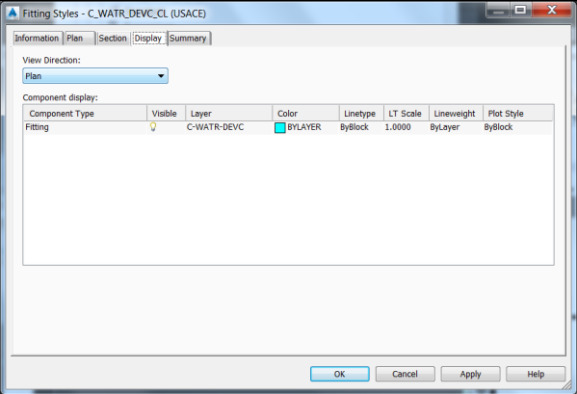
PROP. ???" WL

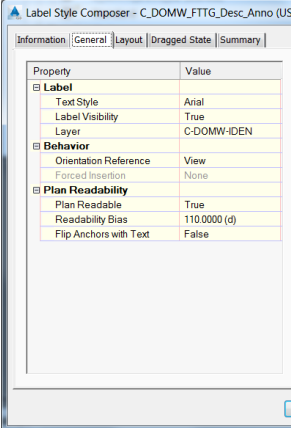
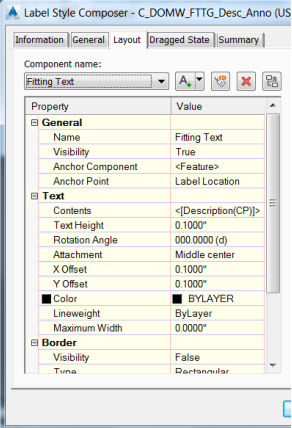


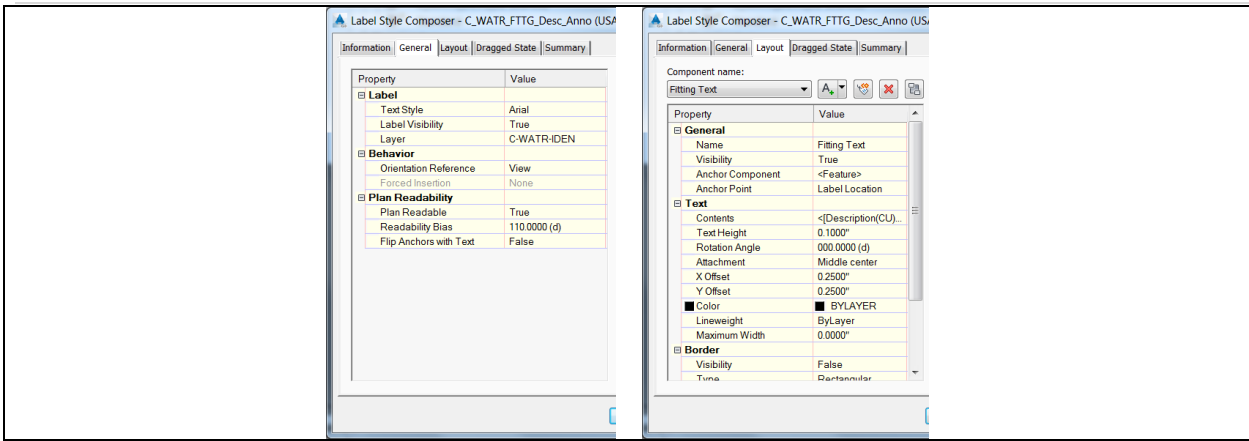
Pressure Pipe TABLE (0)

< NONE >

1.24 Fitting

FITTING	
Object Styles (2)	
Name: C_DOWM_FTTG_Outline (USACE) Description: Display as Catalog Defined Block	
	
Name: C_WATR_DEVC_CL (USACE) Description: Display as Centerline	
	

Fitting LABEL Styles (2)	
Name: C_DOMW_FTTG_Desc_Anno (USACE) Description: Uses Part Description, Empty By Default	
	
Name: C_WATR_FTTG_Desc_Anno (USACE) Description: Uses Part Description, Empty By Default	



Fitting TABLE (0)

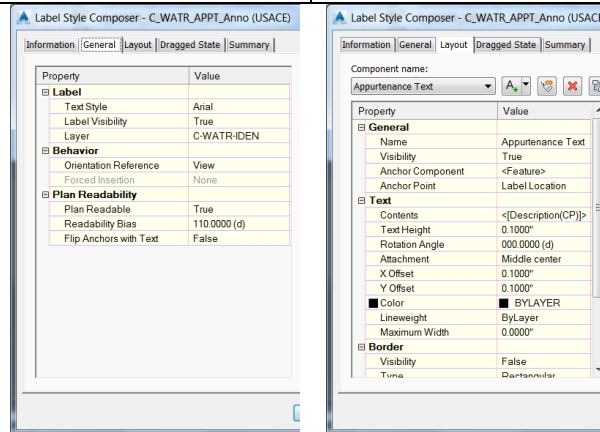
< NONE >

1.25 Appurtenance

APPURTENANCE	
Object Styles (#)	
Name: C_DOMW_DEVC_Outline (USACE) Description: Display as Catalog Defined Block	
Name: C_WATR_DEVC_CL (USACE) Description: Display as Centerline	

Appurtenance LABEL Styles ()	
Name: C_DOMW_APPT_Anno (USACE) Description: Uses Part Description, Empty By Default	
Name: C_WATR_APPT_Anno (USACE)	

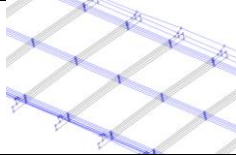
Description: Uses Part Description, Empty By Default



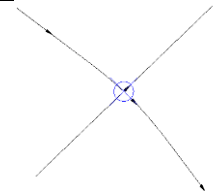
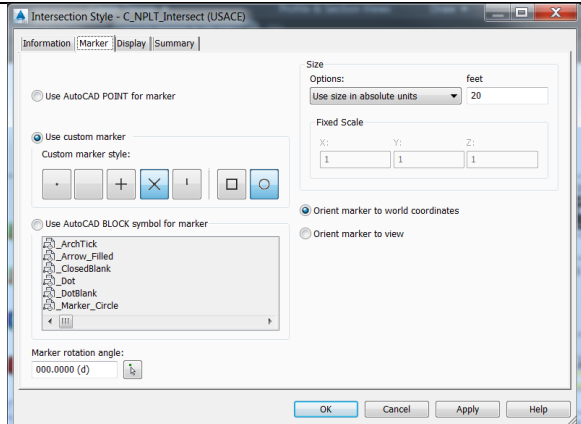
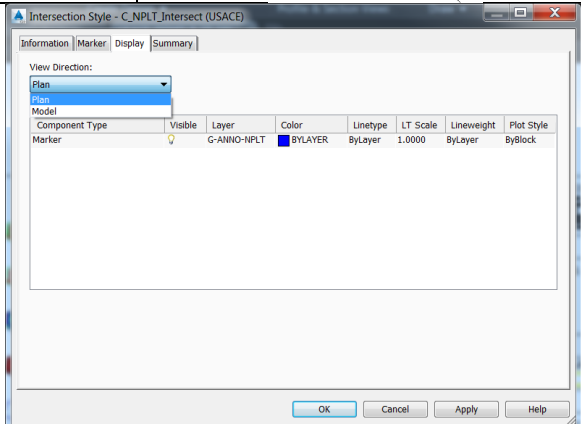
Appurtenance TABLE (0)


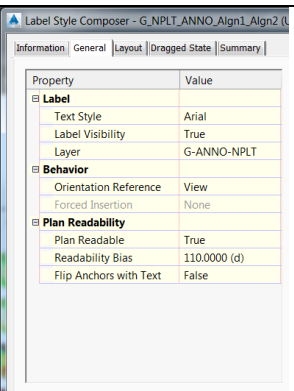
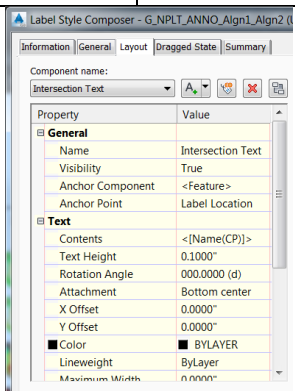
< NONE >

1.26 Corridor

CORRIDOR																																									
Object Style ()																																									
<p>Name: <i>G_NPLT_Corridor (USACE)</i></p> <p>Description: <i>ALL Components Turned OFF in ALL Views (No Plot)</i></p>																																									
<div><div>Corridor Style - G_NPLT_Corridor (USACE)</div><div><div>Information Display Summary</div><div>View Direction: Plan Plan Model</div><table><thead><tr><th>Component Type</th><th>Visible</th><th>Layer</th><th>Color</th><th>Linetype</th><th>LT Scale</th><th>Lineweight</th><th>Plot Style</th></tr></thead><tbody><tr><td>Region Boundaries</td><td></td><td>G-ANNO-NPLT</td><td></td><td>ByLayer</td><td>1.0000</td><td>ByLayer</td><td>ByLayer</td></tr><tr><td>Parameter Override Stations</td><td></td><td>G-ANNO-NPLT</td><td></td><td>ByLayer</td><td>1.0000</td><td>ByLayer</td><td>ByLayer</td></tr><tr><td>Geometric Override Stations</td><td></td><td>G-ANNO-NPLT</td><td></td><td>ByLayer</td><td>1.0000</td><td>ByLayer</td><td>ByLayer</td></tr><tr><td>Assembly Insertion Stations</td><td></td><td>G-ANNO-NPLT</td><td></td><td>ByLayer</td><td>1.0000</td><td>ByLayer</td><td>ByLayer</td></tr></tbody></table></div></div>		Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style	Region Boundaries		G-ANNO-NPLT		ByLayer	1.0000	ByLayer	ByLayer	Parameter Override Stations		G-ANNO-NPLT		ByLayer	1.0000	ByLayer	ByLayer	Geometric Override Stations		G-ANNO-NPLT		ByLayer	1.0000	ByLayer	ByLayer	Assembly Insertion Stations		G-ANNO-NPLT		ByLayer	1.0000	ByLayer	ByLayer
Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style																																		
Region Boundaries		G-ANNO-NPLT		ByLayer	1.0000	ByLayer	ByLayer																																		
Parameter Override Stations		G-ANNO-NPLT		ByLayer	1.0000	ByLayer	ByLayer																																		
Geometric Override Stations		G-ANNO-NPLT		ByLayer	1.0000	ByLayer	ByLayer																																		
Assembly Insertion Stations		G-ANNO-NPLT		ByLayer	1.0000	ByLayer	ByLayer																																		
<p>NOTE:</p> <p><i>Although Components are turned off in Plan and Model View Directions, Corridor model appearance will be based upon the Code Set Style applied to it.</i></p>																																									

1.27 Intersection

INTERSECTION	
Object Style (1)	
<p>Name: C_NPLT_Intersect (USACE)</p> <p>Description: Simple Circle Marker at Intersection (No Plot)</p>	
	

Intersection LABEL Style (1)	
<p>Name: G_NPLT_ANNO_Algn1_Algn2 (USACE)</p> <p>Description: Name Alignment 1 Station Alignment 2 Station</p>	
	

1.28 Assembly

Assembly

Object Style (1)

Name: G_NPLT_Assembly (USACE)

Description: Vertical line with Markers where Subassemblies will be attached to

Assembly Style - G_NPLT_Assembly (USACE)

Information | Marker | Display | Summary

Component: Baseline Point

Use AutoC Baseline

Use vertical Offset

Use custom Offset Point

Custom marker style:

Use AutoCAD BLOCK symbol for marker

_ArchTick

_Arrow_Filled

_ClosedBlank

_Dot

_DotBlank

_Marker_Circle

Marker rotation angle:

000.0000 (d)

Size

Options: inches

Use drawing scale 0.0200"

Fixed Scale

X: 1

Y: 1

Z: 1

☒ Orient marker to world coordinates

☐ Orient marker to view

OK

Cancel

Apply

Help

Assembly Style - G_NPLT_Assembly (USACE)

Information | Marker | Display | Summary

View Direction: Plan

Model

Component Type	Visible	Layer	Color	Linetype	LT Scale	Lineweight	Plot Style
Insertion Point	<input checked="" type="checkbox"/>	G-ANNO-NPLT	magenta	ByLayer	1.0000	ByLayer	ByLayer
Baseline	<input checked="" type="checkbox"/>	G-ANNO-NPLT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Baseline Point	<input checked="" type="checkbox"/>	G-ANNO-NPLT	BYLAYER	ByLayer	1.0000	ByLayer	ByLayer
Offset	<input checked="" type="checkbox"/>	G-ANNO-NPLT	cyan	ByLayer	1.0000	ByLayer	ByLayer
Offset Point	<input checked="" type="checkbox"/>	G-ANNO-NPLT	200	ByLayer	1.0000	ByLayer	ByLayer

OK

Cancel

Apply

Help

1.29 Subassembly

Only Command Settings Are Available In This Section

USACE National Civil 3D Template

Page 306 of 316

9/20/2017

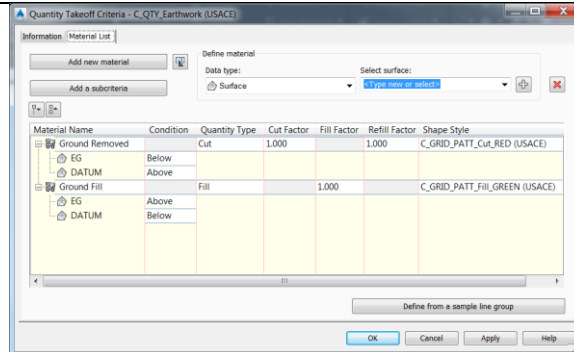
1.30 Quantity Takeoff

QUANTITY TAKEOFF CRITERIA

Object Styles ()

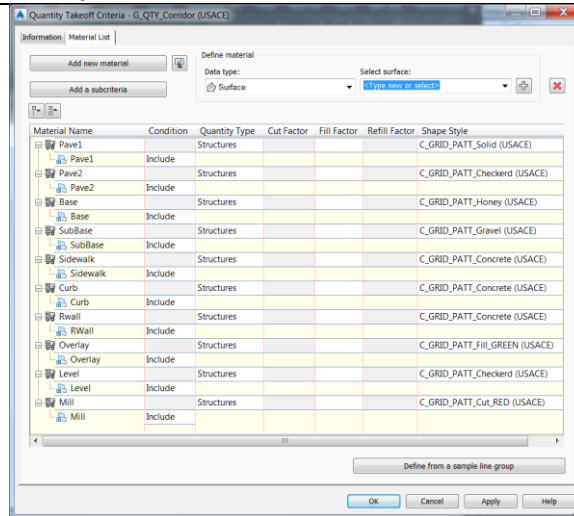
Name: C_QTY_Earthwork (USACE)

Description: Cut & Fill Analysis Values for Surface to Surface comparison



Name: G_QTY_Corridor (USACE)

Description: Volume Calculation for Select Corridor Materials



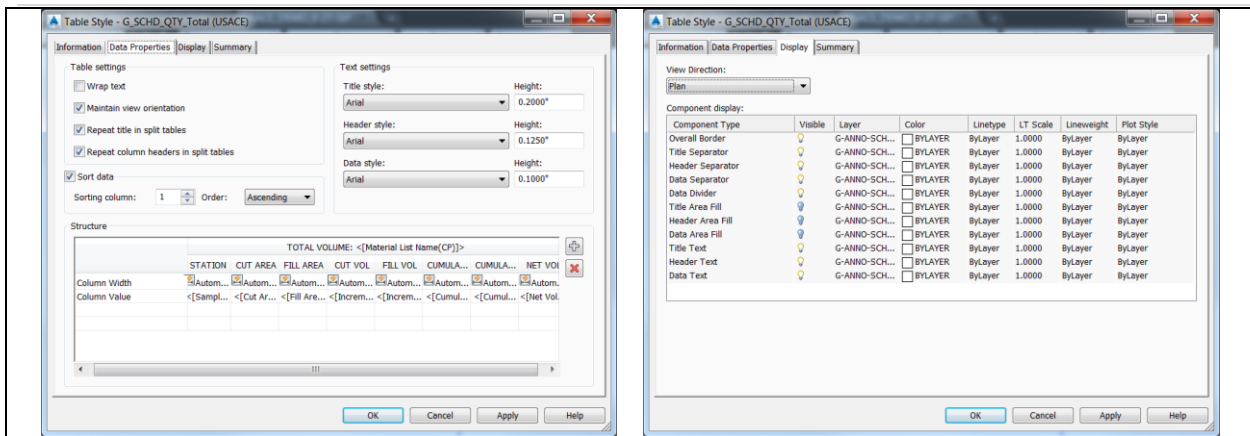
Quantity Takeoff TABLE Styles

Total Volume (1)

Name: G_SCHD_QTY_Total (USACE)

Description: Cut & Fill Values - Best used for Earthwork

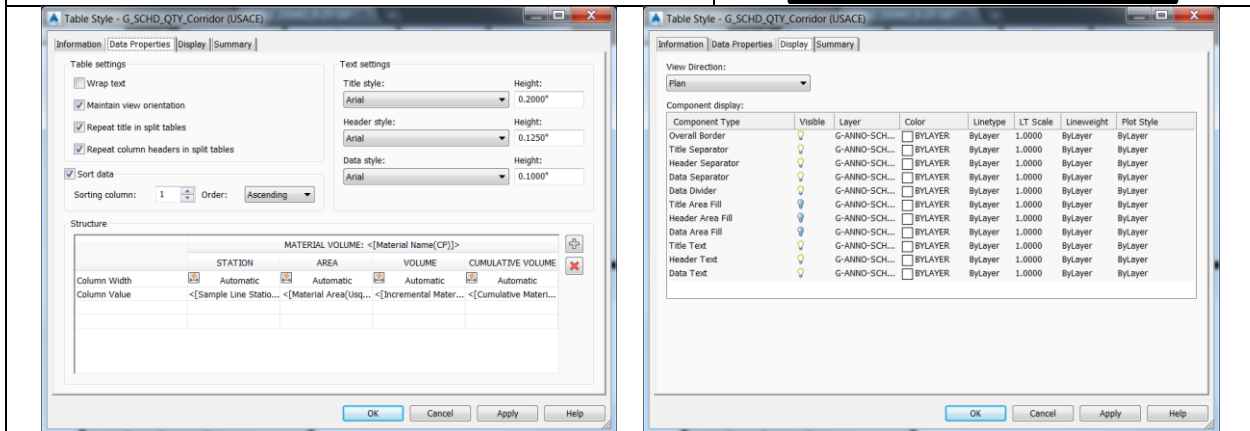
TOTAL VOLUME: EARTHWORK							
STATION	CUT AREA	FILL AREA	CUT VOL	FILL VOL	CUMULATIVE CUT VOL	CUMULATIVE FILL VOL	NET VOL
10+00.00	15.55	1.61	0.00	0.00	0.00	0.00	0.00
20+00.00	0.00	0.00	0.00	0.00	2205.11	88.09	2130.51
21+00.00	0.00	0.00	0.00	0.00	2205.11	88.09	2130.51



Material Volume (1)

Name: G_SCHD_QTY_Corridor (USACE)
Description: Used for Individual Surface or Corridor Material

MATERIAL VOLUME: Pave1			
STATION	AREA	VOLUME	CUMULATIVE VOLUME
10+50.00	8.00	0.00	0.00
20+50.00	0.00	7.41	288.89
21+00.00	0.00	0.00	288.89



1.31 Survey

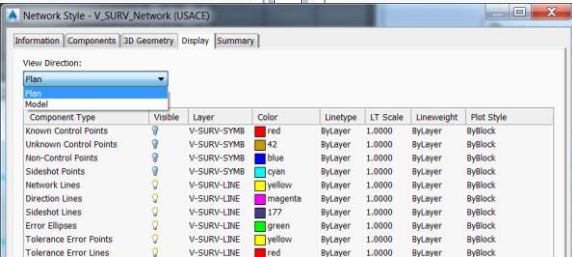
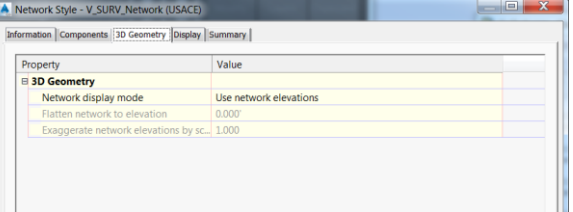
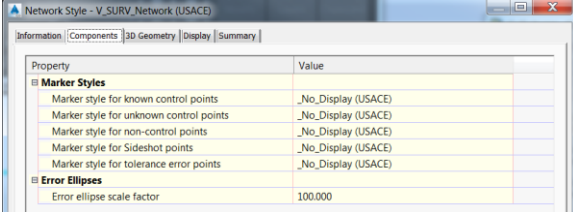
SURVEY

Networks

Object Styles (#)

Name: V_SURV_Network (USACE)

Description: Set to SURV Layers and Hard Coded Colors

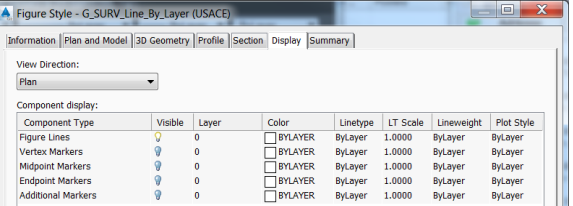
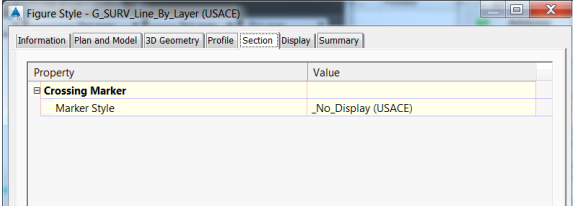
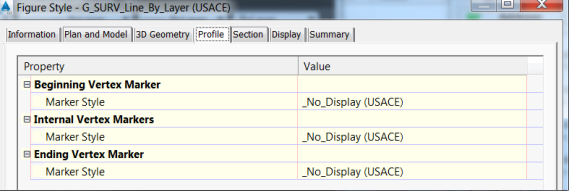
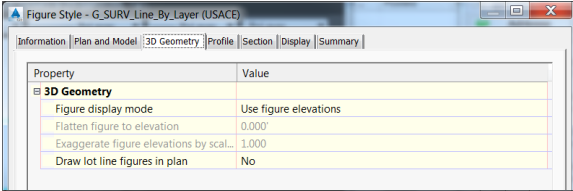


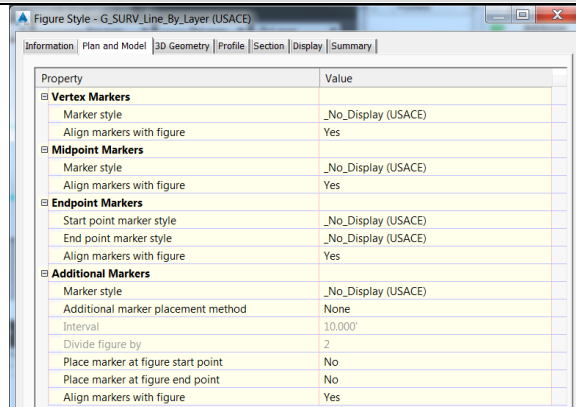
Survey FIGURES

Object Styles (#)

Name: G_SURV_Line_By_Layer (USACE)

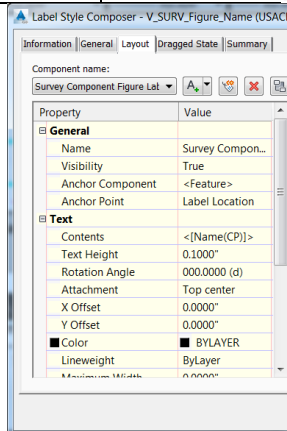
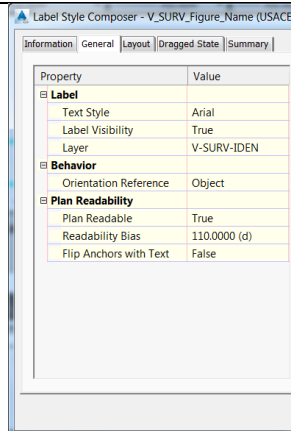
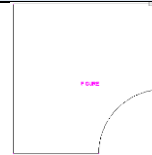
Description: Object will take on the Properties of the Host Layer.





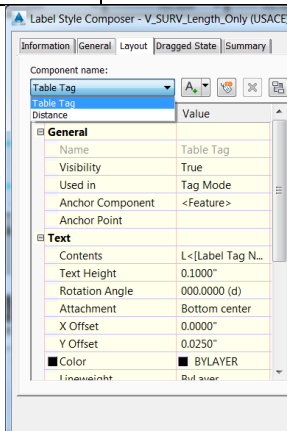
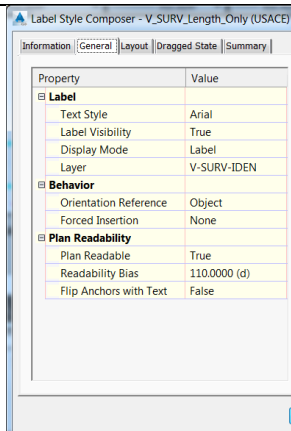
Lable Styles: FIGURE (#)

Name: V_SURV_Figure_Name (USACE)
Description: Figure Name at Centroid or Mid Point



Lable Styles: LINE (#)

Name: V_SURV_Length_Only (USACE)
Description: xxx

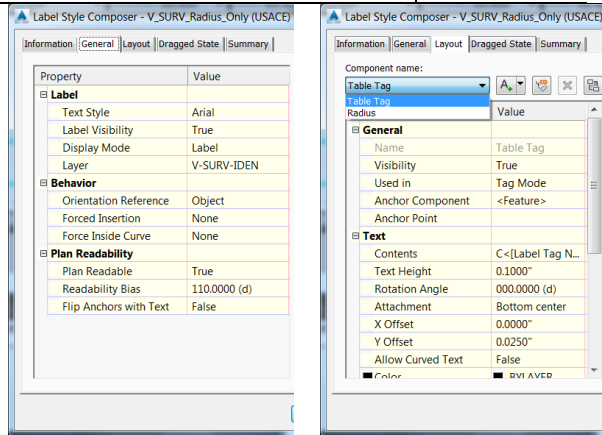


Lable Styles: CURVE (#)

Name: V_SURV_Radius_Only (USACE)

Description: Radius

R 34.49'



1.32 View Frame Group

Only Command Settings Are Available In This Section

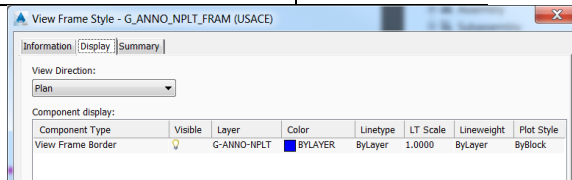
1.33 View Frame

VIEW FRAME

Object Styles (1)

Name: G_ANNO_NPLT_FRAM (USACE)

Description: Frame Outer Boundary (No Plot)

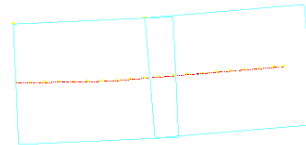


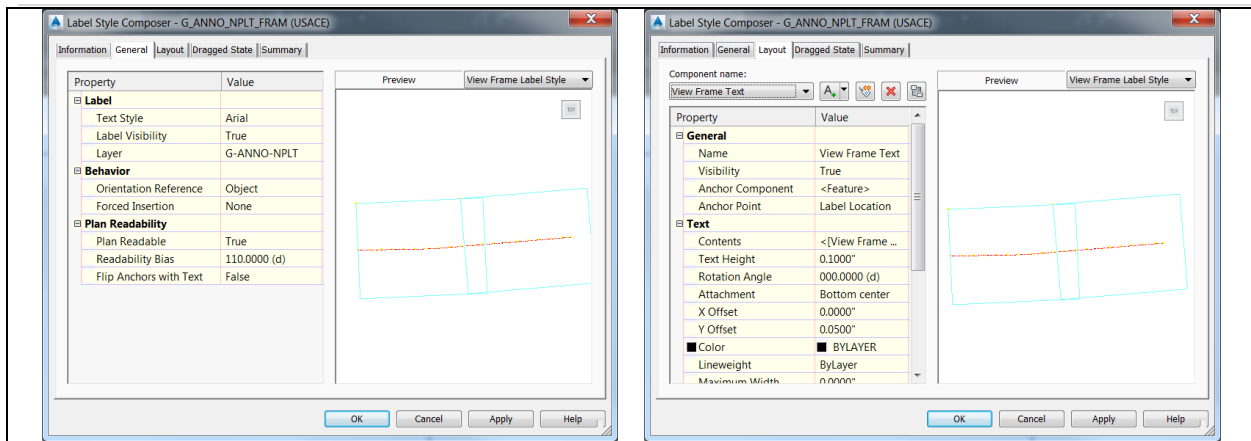
View Frame LABEL Styles

View Frame (1)


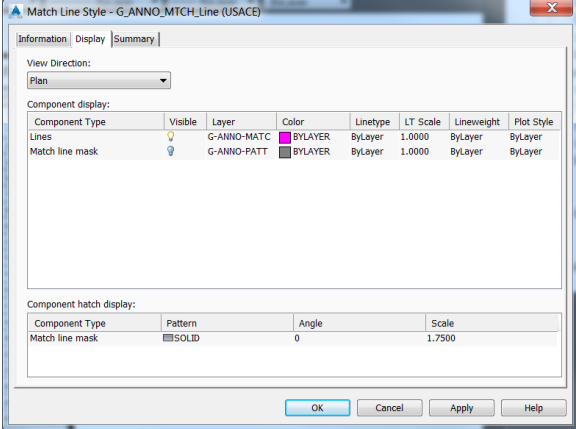
Name: G_ANNO_NPLT_FRAM (USACE)


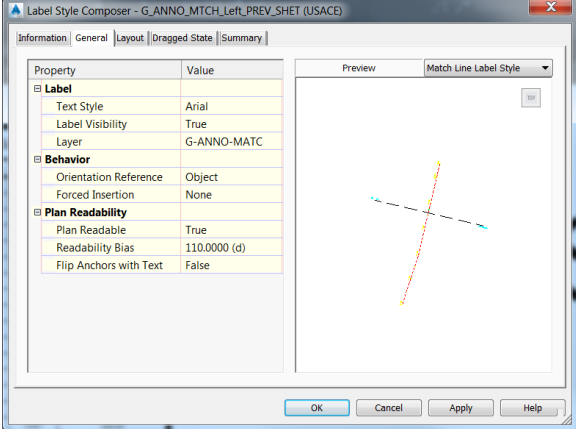
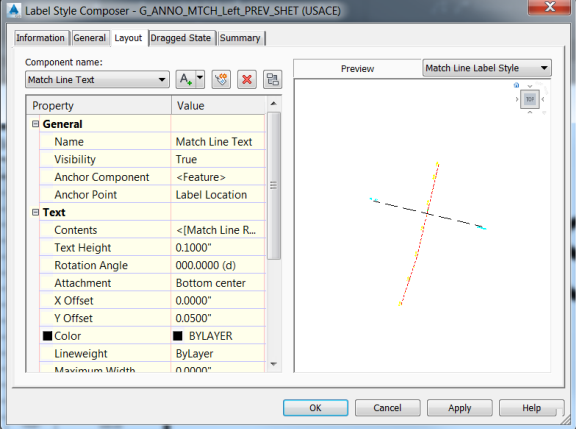
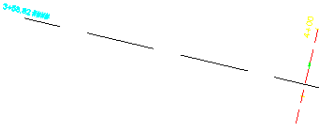
Description: Frame Name, attached to upper left of view

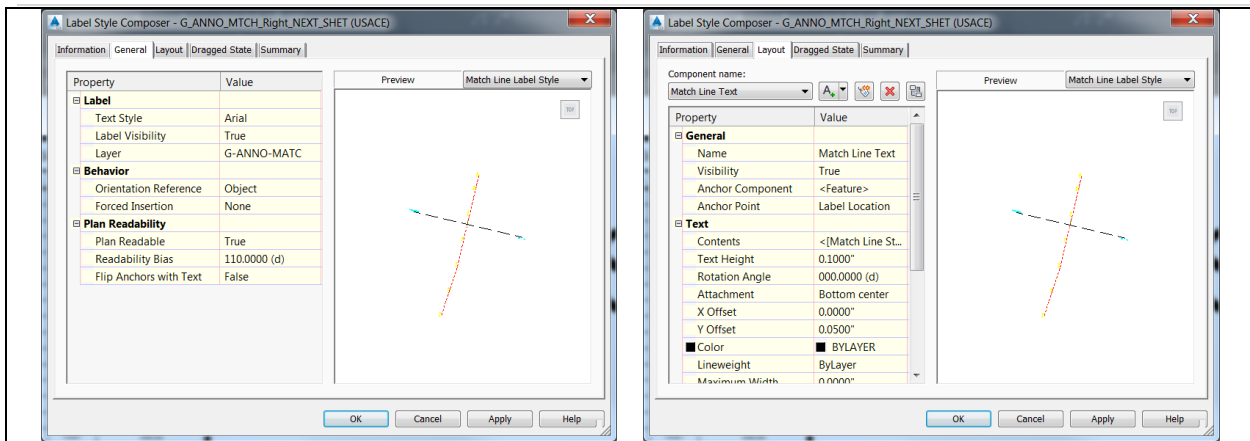




1.34 Match Line

MATCH LINE	
Object Style (1)	
Name: G_ANNO_MTCH_Line (USACE) Description: Match Line	
	

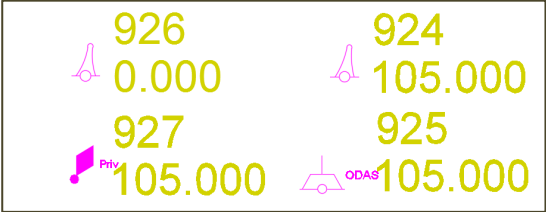

Match Line LABEL Style	
Match Line Left (1)	
Name: G_ANNO_MTCH_LT_PREV_SHET (USACE) Description: LEFT: Station Value over Next Sheet # (.25)	
	
Match Line Right (1)	
Name: G_ANNO_MTCH_Right_NEXT_SHET (USACE) Description: RIGHT: Station Value over Next Sheet # (.25)	



1.35 Building Site

BUILDING SITE	
Object Style (1)	
<p>Name: G-NPLT_Bldg (USACE)</p> <p>Description: Set to G-ANNO-NPLT</p>	
<p>NOTE: This style is used when importing a REVIT (.adsk) model</p>	

2.1 Point Styles - Scaling

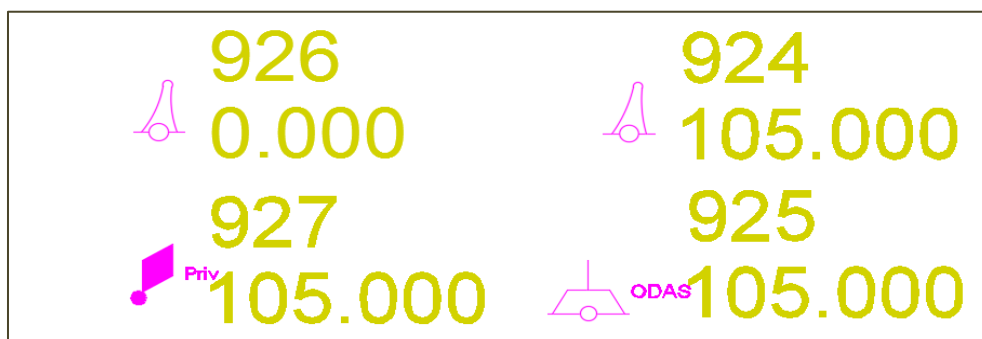
Point Style Example	
Object Style (1)	
<p>Point Styles- these reference Blocks: <i>These Blocks have been set to “not Annotative” to allow them to be sized based on the user selected sheet size.</i> <i>Layer setting assigned by Style Setting.</i> <i>Symbology set by Layer setting.</i> <i>Text Style set to ‘Arial’ – non-associative</i></p>	
<p>Block Values: Annotative: No Units: Unitless Text: Style: Standard Annotative: No Height: 0.1000</p>	
<p>The blocks set up this way will allow the point style to re-size based on the assigned drawing scale. The size will be based on the Style Settings.</p>	

Point style Names contain a suffix of V_(USACE) or C_(USACE) to identify if the object is existing and belongs to the survey discipline (...V_(USACE)) or designed belonging to the civil discipline (...C_(USACE)).

Example:

BECH_Coast Guard Rescue Station V_(USACE)

BECH_Coast Guard Rescue Station C_(USACE)



Change Notes				
Seq	Changes Made	Category of Change	Effect	Purpose
1	Changes to Block settings for Point Styles	major	Correct sizing of text in markers	Allows Point Style objects to scale dependent on the drawing scale.
2	Revisions to Point Style names- Place Discipline marker for Survey at end of name	Minor	User is able to search and find much quicker	Uses built-in first letter search capability
3	Revisions to Point Style Marker Block scales	Minor	Allows consistent height for text	Some markers contain text-scaling adjusted to make sure text is 0.1" high.
4	Selling check	Minor	Correct spelling	
5	Change Point Style names to use a Suffix for Discipline instead of a Prefix for Survey (_V) and Civil (_C) settings.			

End of Document