transaction modelChange 'Add circle01, line01, point01'

{

node User.Objects.point01 Bentley.GC.Nodes.Point

{

Technique = 'ByCartesianCoordinates';

CoordinateSystem = baseCS;

XTranslation = <free> 26.5387928348713;

YTranslation = <free> 5.92760290007628;

ZTranslation = <free> 0.0;

Origin = null;

GraphLocation = <auto> {300.0, 40.0};

}

node User.Objects.line01 Bentley.GC.Nodes.Line

{

Technique = 'ByStartPointDirectionLength';

StartPoint = point01;

Direction = baseCS.ZDirection;

Length = 50;

GraphLocation = {297.281938271605, 207.250686666666};

}

node User.Objects.circle01 Bentley.GC.Nodes.Circle

{

Technique = 'ByCenterStartPlanePoint';

GraphLocation = {291.272978271605, 371.691966666666};

}

}

transaction modelChange 'Add point02; change circle01; delete circle01'

{

delete User.Objects.circle01;

node User.Objects.point02 Bentley.GC.Nodes.Point

{

Technique = 'ByCartesianCoordinates';

CoordinateSystem = baseCS;

XTranslation = <free> 82.7993951370462;

YTranslation = <free> 14.7660826098127;

ZTranslation = <free> 0.0;

Origin = null;

GraphLocation = {300.8, 361.408};

}

node User.Objects.circle01 Bentley.GC.Nodes.Circle

{

Technique = 'ByCenterStartPlanePoint';

GraphLocation = {301.282945802274, 530.815072714665};

}

}

transaction modelChange 'Change circle01, point02; delete circle01'

{

delete User.Objects.circle01;

node User.Objects.point02 Bentley.GC.Nodes.Point

{

GraphLocation = {300.8, 361.408};

}

node User.Objects.circle01 Bentley.GC.Nodes.Circle

{

Technique = 'ByCenterRadius';

CenterPoint = point01;

Radius = 50;

Support = baseCS.XYPlane;

GraphLocation = {293.329345802276, 518.948886047999};

}

}

transaction modelChange 'Change circle01; delete point02'

{

delete User.Objects.point02;

node User.Objects.circle01 Bentley.GC.Nodes.Circle

{

GraphLocation = {293.329345802276, 355.134486047999};

}

}

transaction modelChange 'Add line02, point02, point03; change circle01'

{

node User.Objects.circle01 Bentley.GC.Nodes.Circle

{

GraphLocation = {293.329345802276, 355.134486047999};

}

node User.Objects.point02 Bentley.GC.Nodes.Point

{

Technique = 'ByParameterAlongCurve';

Curve = circle01;

T = <free> 0.180161367493647;

AllowWrapping = false;

GraphLocation = <auto> {560.0, 40.0};

}

node User.Objects.point03 Bentley.GC.Nodes.Point

{

Technique = 'ByParameterAlongCurve';

Curve = line01;

T = <free> 1.0;

AllowWrapping = false;

GraphLocation = <auto> {560.0, 194.016666666667};

}

node User.Objects.line02 Bentley.GC.Nodes.Line

{

Technique = 'ByStartPointDirectionLength';

StartPoint = point02;

Direction = point01;

Length = 100;

GraphLocation = {778.132528735611, 27.2053340479988};

}

}

transaction modelChange 'Add arc01, point04; change line01'

{

node User.Objects.line01 Bentley.GC.Nodes.Line

{

Technique = 'ByStartPointDirectionLength';

Length = 35;

}

node User.Objects.point04 Bentley.GC.Nodes.Point

{

Technique = 'ByParameterAlongCurve';

Curve = line02;

T = <free> 1.0;

AllowWrapping = false;

GraphLocation = {776.96, 192.805334047999};

}

node User.Objects.arc01 Bentley.GC.Nodes.Arc

{

Technique = 'ByPointsOnCurve';

StartPoint = point02;

PointOnCurve = point03;

EndPoint = point04;

GraphLocation = {991.39347593561, 32.5764935146654};

}

}

transaction modelChange 'Add point05'

{

node User.Objects.point05 Bentley.GC.Nodes.Point

{

Technique = 'ByCartesianCoordinates';

CoordinateSystem = baseCS;

XTranslation = <free> 77.3461177011623;

YTranslation = <free> -63.2892260339709;

ZTranslation = <free> 0.0;

Origin = null;

GraphLocation = <auto> {1340.0, 27.2053340479988};

}

}

transaction modelChange 'Add line03; change point05; delete point05'

{

delete User.Objects.point05;

node User.Objects.point05 Bentley.GC.Nodes.Point

{

Technique = 'ByCartesianCoordinates';

CoordinateSystem = baseCS;

XTranslation = <free> 15.2388556872206;

YTranslation = <free> 11.3056116044844;

ZTranslation = <free> 0.0;

Origin = null;

GraphLocation = <auto> {1340.0, 27.2053340479988};

}

node User.Objects.line03 Bentley.GC.Nodes.Line

{

Technique = 'ByStartPointDirectionLength';

StartPoint = point05;

Direction = baseCS.ZDirection;

Length = 7;

GraphLocation = {1336.85480926894, 199.062093514665};

}

}

transaction modelChange 'Add point06'

{

node User.Objects.point06 Bentley.GC.Nodes.Point

{

Technique = 'ByParameterAlongCurve';

Curve = line03;

T = <free> 1.0;

AllowWrapping = false;

GraphLocation = <auto> {1600.0, 27.2053340479988};

}

}

transaction modelChange 'Add point07'

{

node User.Objects.point07 Bentley.GC.Nodes.Point

{

Technique = 'ByCartesianCoordinates';

CoordinateSystem = baseCS;

XTranslation = <free> 18.9947797951669;

YTranslation = <free> 14.1383179364664;

ZTranslation = <free> -5.43656855622334;

Origin = null;

GraphLocation = <auto> {1600.0, 181.222000714665};

}

}

transaction modelChange 'Add line04'

{

node User.Objects.line04 Bentley.GC.Nodes.Line

{

Technique = 'ByPoints';

StartPoint = point03;

EndPoint = point07;

GraphLocation = {1593.30280926894, 372.494093514665};

}

}

transaction modelChange 'Add line05'

{

node User.Objects.line05 Bentley.GC.Nodes.Line

{

Technique = 'ByPoints';

StartPoint = point07;

EndPoint = point06;

GraphLocation = {1595.24853726894, 526.803725514666};

}

}

transaction modelChange 'Change line04, line05, point07'

{

node User.Objects.point07 Bentley.GC.Nodes.Point

{

Technique = 'ByCartesianCoordinates';

ZTranslation = 0;

GraphLocation = <auto> {1600.0, 181.222000714665};

}

node User.Objects.line04 Bentley.GC.Nodes.Line

{

GraphLocation = {1593.30280926894, 372.494093514665};

}

node User.Objects.line05 Bentley.GC.Nodes.Line

{

GraphLocation = {1595.24853726894, 526.803725514666};

}

}

transaction modelChange 'Change point07'

{

node User.Objects.point07 Bentley.GC.Nodes.Point

{

Technique = 'ByCartesianCoordinates';

XTranslation = <free> 0.377708614785604;

}

}

transaction modelChange 'Add point08, point09; change line04'

{

node User.Objects.line04 Bentley.GC.Nodes.Line

{

Technique = 'ByPoints';

StartPoint = point07;

EndPoint = point03;

}

node User.Objects.point08 Bentley.GC.Nodes.Point

{

Technique = 'ByDistanceAlongCurve';

Curve = line05;

DistanceAlongCurve = 2;

GraphLocation = <auto> {1860.0, 27.2053340479988};

}

node User.Objects.point09 Bentley.GC.Nodes.Point

{

Technique = 'ByDistanceAlongCurve';

Curve = line04;

DistanceAlongCurve = 2;

GraphLocation = <auto> {1860.0, 181.222000714665};

}

}

transaction modelChange 'Add arc02'

{

node User.Objects.arc02 Bentley.GC.Nodes.Arc

{

Technique = 'ByCenterStartSweepPoint';

CenterPoint = point07;

StartPoint = point09;

SweepPoint = point08;

ArcComplement = false;

GraphLocation = {2086.6656, 32.0079999999999};

}

}

transaction modelChange 'Add point10'

{

node User.Objects.point10 Bentley.GC.Nodes.Point

{

Technique = 'ByParameterAlongCurve';

Curve = arc02;

T = <free> 0.513531136559732;

AllowWrapping = false;

GraphLocation = <auto> {2380.0, 27.2053340479988};

}

}

transaction modelChange 'Add line06'

{

node User.Objects.line06 Bentley.GC.Nodes.Line

{

Technique = 'ByPoints';

StartPoint = point07;

EndPoint = point10;

GraphLocation = {2371.53835555556, 174.400162962963};

}

}

transaction modelChange 'Add line07'

{

node User.Objects.line07 Bentley.GC.Nodes.Line

{

Technique = 'ByStartPointTangentToCurve';

StartPoint = point07;

Curve = line06;

ReferencePoint = null;

Free = true;

GraphLocation = {2649.1619968, 29.7015680000001};

}

}

transaction modelChange 'Add line08'

{

node User.Objects.line08 Bentley.GC.Nodes.Line

{

Technique = 'ByStartPointDirectionLength';

StartPoint = point07;

Direction = line07;

Length = -10;

GraphLocation = {2644.3668096, 165.8294144};

}

}

transaction modelChange 'Add point11, point12'

{

node User.Objects.point11 Bentley.GC.Nodes.Point

{

Technique = 'ByDistanceAlongCurve';

Curve = line07;

DistanceAlongCurve = 0.5;

GraphLocation = {2906.0, 27.2053340479988};

}

node User.Objects.point12 Bentley.GC.Nodes.Point

{

Technique = 'ByDistanceAlongCurve';

Curve = line07;

DistanceAlongCurve = -0.5;

GraphLocation = <auto> {2900.0, 181.222000714665};

}

}

transaction modelChange 'Add point13; change line04, point03'

{

node User.Objects.point03 Bentley.GC.Nodes.Point

{

GraphLocation = {560.0, 195.016666666667};

}

node User.Objects.point13 Bentley.GC.Nodes.Point

{

Technique = 'ByParameterAlongCurve';

Curve = arc01;

T = <free> 0.556759144247187;

AllowWrapping = false;

GraphLocation = {885.671782399998, 370.180209781332};

}

node User.Objects.line04 Bentley.GC.Nodes.Line

{

Technique = 'ByPoints';

EndPoint = point13;

}

}

transaction modelChange 'Change line07, point13; delete line07, line08, point11, point12'

{

delete User.Objects.line07;

delete User.Objects.line08;

delete User.Objects.point11;

delete User.Objects.point12;

node User.Objects.point13 Bentley.GC.Nodes.Point

{

Technique = 'ByParameterAlongCurve';

T = <free> 0.744572544961791;

}

node User.Objects.line07 Bentley.GC.Nodes.Line

{

Technique = 'ByPoints';

StartPoint = point08;

EndPoint = point09;

GraphLocation = {2623.92694657827, 22.0388129626876};

}

}

transaction modelChange 'Add line08'

{

node User.Objects.line08 Bentley.GC.Nodes.Line

{

Technique = 'ParallelToLineFromStartPoint';

StartPoint = point07;

ParallelToLine = line07;

GraphLocation = {2620.51894657827, 167.229212962688};

}

}

transaction modelChange 'Change point13'

{

node User.Objects.point13 Bentley.GC.Nodes.Point

{

Technique = 'ByParameterAlongCurve';

T = <free> 0.788495885055559;

}

}

transaction modelChange 'Add point11, point12; change line07, line08'

{

node User.Objects.line07 Bentley.GC.Nodes.Line

{

GraphLocation = {2623.92694657827, 22.0388129626876};

}

node User.Objects.line08 Bentley.GC.Nodes.Line

{

GraphLocation = {2620.51894657827, 167.229212962688};

}

node User.Objects.point12 Bentley.GC.Nodes.Point

{

Technique = 'ByDistanceAlongCurve';

Curve = line08;

DistanceAlongCurve = -0.3;

GraphLocation = <auto> {2900.0, 176.055479629354};

}

node User.Objects.point11 Bentley.GC.Nodes.Point

{

Technique = 'ByDistanceAlongCurve';

Curve = line08;

DistanceAlongCurve = 0.3;

GraphLocation = <auto> {2900.0, 22.0388129626876};

}

}

transaction modelChange 'Change point13'

{

node User.Objects.point13 Bentley.GC.Nodes.Point

{

Technique = 'ByParameterAlongCurve';

T = <free> 0.657283941571213;

}

}