

ภาคผนวก

Code Program**1. main**

```

Private Sub CommandButton1_Click()
Main.hide
Load UserForm1
UserForm1.Show
End Sub
Private Sub UserForm_Click()
End Sub

```

2. userform1

```

Dim L0 As Double
Dim OB As Integer
Private Sub Frame1_Click()
End Sub
Private Sub CommandButton1_Click()
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
SMTD=(UserForm1.Spreadsheet1.Worksheets
("Sheet1").Cells(25, 9))
SMTL =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 10))
SMSD =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 9))
SMSL =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 10))
SRTD=(UserForm1.Spreadsheet1.Worksheets("
Sheet1").Cells(26, 9))
SRTL=(UserForm1.Spreadsheet1.Worksheets("
Sheet1").Cells(26, 10))
SRSD=(UserForm1.Spreadsheet1.Worksheets("
Sheet1").Cells(26, 9))
SRS�=(UserForm1.Spreadsheet1.Worksheets("
Sheet1").Cells(26, 10))
If(UserForm1.Spreadsheet1.Worksheets("Sheet1
").Cells(16, 10)) = 1 Then
Call Example_F2_F2(T)
Call Example_F2_SL(1.2)
Call Example_F2_S1(T, SMTD, SMTL)
Call Example_F2_S11(T, SMTD, SMTL)
Call Example_F2_S12(T, SMTD, SMTL)
Call Example_F2_S2(T, SMSD, SMSL)
Call Example_F2_S21(T, SMSD, SMSL)
Call Example_F2_S22(T, SMSD, SMSL)
Call Example_F2_DF(L)
Call Example_F2_DF1(L)
Call Example_DS(T)
Call Example_DS1(T)
Call Example_name(F, -0.08)
For i = 0 To 11
Call Example_AddSteel(0.1 + 0.01 * (2 * i + 1)
+ (0.087 * i), 0.435)
Next i
End If
If
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(16, 10)) = 2 Then Call Example_F3_F2(T)
Call Example_F3_SL(1.2)

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Call Example_F3_SL1(1.2)
Call Example_F3_SL2(1.2)
Call Example_F3_S1(T, SMTD, SMTL)
Call Example_F3_S11(T, SMTD, SMTL)
Call Example_F3_S12(T, SMTD, SMTL)
Call Example_F3_S2(T, SMSD, SMSL)
Call Example_F3_S21(T, SMSD, SMSL)
Call Example_F3_S22(T, SMSD, SMSL)
Call Example_F3_DF(L)
Call Example_F3_DF1(L)
Call Example_F3_DF2(L)
Call Example_F3_DF3(L)
Call Example_F3_DF4(L)
Call Example_F3_DF5(L)
Call Example_DS(T)
Call Example_DS1(T)
Call Example_name(F, -0.08)
For i = 0 To 10
    Call Example_AddSteel(0.12 + 0.01 * (2 * i + 1)
        + (0.087 * i), 0.435)
    Call Example_AddSteel(1.29, 0.435)
    -----
Next i
For i = 0 To 4
    Call Example_AddSteel(-0.1 + 0.01 * (2 * i + 1)
        + (0.087 * i), T + 0.4 - 0.035)
    Call Example_AddSteel(-0.2, T + 0.4 - 0.035)
    Call Example_AddSteel(0.45, T + 0.4 - 0.035)
Next i
For i = 0 To 3
    Call Example_AddSteel(-0.4 + 0.01 * (2 * i + 1)
        + (0.087 * i), 0.435)
    Call Example_AddSteel(0.06, 0.435)
    -----
Next i
End If
If
    (UserForm1.Spreadsheet1.Worksheets("Sheet1"
        ).Cells(16, 10)) = 3 Then
    Call Example_F4_F2(T)
    Call Example_F4_SL1(1.2)
    Call Example_F4_SL2(1.2)
    Call Example_F4_SL4(1.2)
    Call Example_F4_S1(T, SMTD, SMTL)
    Call Example_F4_S11(T, SMTD, SMTL)
    Call Example_F4_S12(T, SMTD, SMTL)
    Call Example_F4_S2(T, SMSD, SMSL)
    Call Example_F4_S21(T, SMSD, SMSL)
    Call Example_F4_S22(T, SMSD, SMSL)
    Call Example_F4_DF(L)
    Call Example_F4_DF1(L)
    Call Example_F4_DF2(L)
    Call Example_F4_DF3(L)
    Call Example_F4_DF4(L)
    Call Example_F4_DF5(L)
    Call Example_F4_DF6(L)
    Call Example_F4_DF7(L)
    Call Example_F4_DF8(L)
    Call Example_F4_DF9(L)
    Call Example_DS2(T)
    Call Example_DS3(T)
    Call Example_name(F, -0.08)
    For i = 0 To 4
        Call Example_AddSteel(-0.1 + 0.01 * (2 * i +
            1) + (0.087 * i), T + 0.4 - 0.035)
    
```

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Call Example_AddSteel(-0.2, T + 0.4 - 0.035)
Call Example_AddSteel(0.45, T + 0.4 - 0.035)
Next i
For i = 0 To 20
Call Example_AddSteel(-0.4 + 0.01 * (2 * i + 1)
+ (0.087 * i), 0.435)
Next i
For i = 0 To 5
Call Example_AddSteel(0.965 + 0.01 * (2 * i +
1) + (0.087 * i), T + 0.4 - 0.035)
Call Example_AddSteel(1.625, T + 0.4 - 0.035)
Next i
End If
If
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(16, 10)) = 4 Then
Call Example_F1_F1(T)
Call Example_F1_SLU(T)
Call Example_F1_S1U(T, SRTD, SRTL)
Call Example_F1_S1U1(T, SRTD, SRTL)
Call Example_F1_S1U2(T, SRTD, SRTL)
Call Example_DS(T)
Call Example_DS1(T)
Call Example_F1_S2U(T, SRSD, SRSL)
Call Example_F1_S2U1(T, SRSD, SRSL)
Call Example_F1_S2U2(T, SRSD, SRSL)
Call Example_F1_DF(L)
Call Example_F1_DF1(L)
Call Example_name(F, 0)
For i = 0 To 11
Call Example_AddSteel(0.1 + 0.01 * (2 * i + 1)
+ (0.087 * i), T + 0.4 - 0.035)
Call Example_AddSteel(0.035,
T + 0.4 - 0.035)
Call Example_AddSteel(0.2 +
1.2 - 0.035, T + 0.4 - 0.035)
Next i
End If
End Sub
Private Sub
CommandButton2_Click()
End
End Sub
Private Sub CommandButton3_Click()
Load UserForm2
UserForm2.Show
End Sub
Private Sub UserForm_Click()
End Sub
3. userform2
Private Sub UserForm_Click()
End Sub
4. add_name
Sub Example_name(F, dx)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.72 +
dx, -0.35)
height = 0.03
myText = F
' Add the Text obj

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Set mtextObj=
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomCenter
insPt, 20
End Sub

5. add_steel
Sub Example_AddSteel(x0, y0)
Dim icadDoc As IntelliCAD.Document
Dim icadCircle As IntelliCAD.Circle
Dim cenPt As IntelliCAD.Point
Set icadDoc = ActiveDocument
Set cenPt = Library.CreatePoint(x0, y0)
Set icadCircle =
icadDoc.ModelSpace.AddCircle(cenPt, 0.01)
icadCircle.Update
ThisDocument.ActiveViewport.ZoomE
xtents
End Sub

6. DS
Sub Example_DS(T)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(15, 10))
L =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(14, 10))

Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(1.5, 0.4
+ T / 2 - 0.015)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(15, 10))

' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
Dim L0 As Double
L0 = 1.2
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(1.44, 0.4)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(1.48, 0.4)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y

```

```

myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(1.46, 0.4)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(1.46, 0.4 +
T)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(1.44, 0.4 +
T)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(1.48, 0.4 +
T)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update
ThisDocument.ActiveViewport.ZoomE
xtents
End Sub
Sub Example_DS1(T)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(15, 10))
L =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(1.58,
0.4 + T / 2 - 0.015)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(15, 11))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
End Sub
Sub Example_DS2(T)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double

```

```
T=(UserForm1.Spreadsheet1.Worksheets("Sheet1")
.Cells(15, 10))
```

```
L=(UserForm1.Spreadsheet1.Worksheets("Sheet1")
.Cells(14, 10))
```

```
Set icadDoc = ActiveDocument
```

```
Set insPt = Library.CreatePoint(1.9, 0.4 + T /
2 - 0.015)
```

```
height = 0.03
```

```
myText=(UserForm1.Spreadsheet1.Worksheets(
"Sheet1").Cells(15, 10))
```

```
' Add the Text obj
```

```
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
```

```
mtextObj.Update
```

```
ThisDocument.ActiveViewport.ZoomC
```

```
enter insPt, 20
```

```
Dim myDoc As IntelliCAD.Document
```

```
Dim myPline As Polyline
```

```
Dim myPoints As Points
```

```
Dim pt As Point
```

```
Dim L0 As Double
```

```
L0 = 1.2
```

```
Set myDoc = ActiveDocument
```

```
Set myPoints = Library.CreatePoints
```

```
Set pt = Library.CreatePoint(1.84, 0.4)
```

```
myPoints.Add
```

```
myPoints(myPoints.Count).x = pt.x
```

```
myPoints(myPoints.Count).y = pt.y
```

```
myPoints(myPoints.Count).z = pt.z
```

```
Set pt = Library.CreatePoint(1.88, 0.4)
```

```
myPoints.Add
```

```
myPoints(myPoints.Count).x = pt.x
```

```
myPoints(myPoints.Count).y = pt.y
```

```
myPoints(myPoints.Count).z = pt.z
```

```
Set pt = Library.CreatePoint(1.86, 0.4)
```

```
myPoints.Add
```

```
myPoints(myPoints.Count).x = pt.x
```

```
myPoints(myPoints.Count).y = pt.y
```

```
myPoints(myPoints.Count).z = pt.z
```

```
Set pt = Library.CreatePoint(1.86, 0.4 +
```

```
myPoints.Add
```

```
myPoints(myPoints.Count).x = pt.x
```

```
myPoints(myPoints.Count).y = pt.y
```

```
myPoints(myPoints.Count).z = pt.z
```

```
Set pt = Library.CreatePoint(1.84, 0.4 +
```

```
myPoints.Add
```

```
myPoints(myPoints.Count).x = pt.x
```

```
myPoints(myPoints.Count).y = pt.y
```

```
myPoints(myPoints.Count).z = pt.z
```

```
Set pt = Library.CreatePoint(1.88, 0.4 +
```

```
myPoints.Add
```

```
myPoints(myPoints.Count).x = pt.x
```

```
myPoints(myPoints.Count).y = pt.y
```

```
myPoints(myPoints.Count).z = pt.z
```

```
Set myPline =
```

```
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
```

```
myPline.Update
```

7. กรณีที่ 1

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ThisDocument.ActiveViewport.ZoomE
xtents
End Sub

Sub Example_DS3(T)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double

T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))

Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.6, -
0.4 + T / 2 - 0.015)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(15, 11))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update

ThisDocument.ActiveViewport.ZoomC
enter insPt, 20

Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
Dim L0 As Double
L0 = 1.2

```



```

mtextObj.Update

ThisDocument.ActiveViewport.ZoomC
enter insPt, 20

End Sub

Sub Example_F2_F2(T)
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
Dim L0 As Double
L0 = 1.2
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))

Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0, 0)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.2, 0)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.2, 0.4)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z

Set pt = Library.CreatePoint(L0, 0.4)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(L0, 0)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(L0 + 0.2,
0.4 + T)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0, 0.4 + T)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0, 0)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z

```

```

Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)

myPline.Update

ThisDocument.ActiveViewport.ZoomE
xtents

End Sub

Sub Example_F2_S1(T, SMTD,
SMTL)

Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double

T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))

Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.24,
0.35)

height = 0.03

myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 9))

' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)

mtextObj.Update

ThisDocument.ActiveViewport.ZoomC
enter insPt, 20

Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point

Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0.22,
0.435)

myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.22, 0.35)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.24, 0.35)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z

Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)

myPline.Update

ThisDocument.ActiveViewport.ZoomE
xtents

End Sub

```

```

Sub Example_F2_S11(T, SMTD,
SMTL)
    Dim icadDoc As IntelliCAD.Document
    Dim myText As String
    Dim mtextObj As IntelliCAD.Text
    Dim insPt As IntelliCAD.Point
    Dim height As Double
    T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
    L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
    Set icadDoc = ActiveDocument
    Set insPt = Library.CreatePoint(0.3,
0.35)
    height = 0.03
    myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 11))
    ' Add the Text obj
    Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
    mtextObj.Update
    ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
End Sub
Sub Example_F2_S12(T, SMTD,
SMTL)
    Dim icadDoc As IntelliCAD.Document
    Dim myText As String
    Dim mtextObj As IntelliCAD.Text
    Dim insPt As IntelliCAD.Point
    Dim height As Double
    T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
    L=(UserForm1.Spreadsheet1.Worksheets("Sheet1
").Cells(14, 10))
    icadDoc = ActiveDocument
    Set insPt = Library.CreatePoint(0.42,
0.35)
    height = 0.03
    myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 10))
    ' Add the Text obj
    Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
    mtextObj.Update
    ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
End Sub
Sub Example_F2_S2(T, SMSD, SMSL)
    Dim icadDoc As IntelliCAD.Document
    Dim myText As String
    Dim mtextObj As IntelliCAD.Text
    Dim insPt As IntelliCAD.Point
    Dim height As Double
    T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
    L=(UserForm1.Spreadsheet1.Worksheets("Sheet1
").Cells(14, 10))
    icadDoc = ActiveDocument

```

```

Set insPt = Library.CreatePoint(0.62,
0.35)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 9))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update

ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0.6, 0.425)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.6, 0.35)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.62, 0.35)
myPoints.Add
myPoints(myPoints.Count).x = pt.x

myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update

ThisDocument.ActiveViewport.ZoomE
End Sub
Sub Example_F2_S21(T, SMSD,
SMSL)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.8,
0.35)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 10))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update

```

```

ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
End Sub
Sub Example_F2_S22(T, SMSD,
SMSL)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.68,
0.35)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 11))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update

ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
End Sub
Sub Example_F2_SL(L0)
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0.1, 0.445)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.1, 0.425)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.1 + L0,
0.425)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.1 + L0,
0.445)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z

```

```

Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)

myPline.Update

ThisDocument.ActiveViewport.ZoomE
xtents

End Sub

8. กรณีที่ 2

Sub Example_F3_DF(L)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double

T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))

Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.6, -
0.26)

height = 0.03

myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(14, 10))

' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)

mtextObj.Update

ThisDocument.ActiveViewport.ZoomC
enter insPt, 20

Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
Dim L0 As Double
L0 = 1.2

Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0.1, -0.17)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.1, -0.13)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.1, -0.15)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.1 + L0, -
0.15)

myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z

```

```

0.13) Set pt = Library.CreatePoint(0.1 + L0, -
      myPoints.Add
      myPoints(myPoints.Count).x = pt.x
      myPoints(myPoints.Count).y = pt.y
      myPoints(myPoints.Count).z = pt.z
      Set pt = Library.CreatePoint(0.1 + L0, -
0.17) myPoints.Add
      myPoints(myPoints.Count).x = pt.x
      myPoints(myPoints.Count).y = pt.y
      myPoints(myPoints.Count).z = pt.z
      Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts) myPline.Update
      ThisDocument.ActiveViewport.ZoomE
xtents
      End Sub
      Sub Example_F3_DF1(L)
      Dim icadDoc As IntelliCAD.Document
      Dim myText As String
      Dim mtextObj As IntelliCAD.Text
      Dim insPt As IntelliCAD.Point
      Dim height As Double
      T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
      L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
      Set icadDoc = ActiveDocument
      Set insPt = Library.CreatePoint(0.3,
0.2) height = 0.03
      myText =
      (UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(14, 11))
      ' Add the Text obj
      Set mtextObj =
      icadDoc.ModelSpace.AddText(myText, insPt,
      height)
      mtextObj.Update
      ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
      End Sub
      Sub Example_F3_DF2(L)
      Dim icadDoc As IntelliCAD.Document
      Dim myText As String
      Dim mtextObj As IntelliCAD.Text
      Dim insPt As IntelliCAD.Point
      Dim height As Double
      T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
      L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
      Set icadDoc = ActiveDocument
      Set insPt = Library.CreatePoint(0.3,
0.2) height = 0.03
      myText =
      (UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(14, 10)) / 4
      ' Add the Text obj

```

```

Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update

ThisDocument.ActiveViewport.ZoomC
enter insPt, 20

Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point

Dim L0 As Double
L0 = 1.2

Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0.2, 0.3)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.2, 0.6)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.2, 0.28)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.46, 0.28)
myPoints.Add

myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.46, 0.26)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.46, 0.3)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update
ThisDocument.ActiveViewport.ZoomE
xtents
End Sub
Sub Example_F3_DF3(L)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument

```

```

Set insPt = Library.CreatePoint(0.38,
0.2)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(14, 11))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
Dim L0 As Double
L0 = 1.2
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(-0.21, 0.3)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(-0.21,
0.26)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(-0.21,
0.28)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0, 0.28)

```

```

myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0, 0.26)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0, 0.3)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update
ThisDocument.ActiveViewport.ZoomE
xtents
End Sub
Sub Example_F3_DF5(L)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument

Set insPt = Library.CreatePoint(-0.09,
0.2)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(14, 11))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
End Sub
Sub Example_F3_F2(T)
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
Dim L0 As Double
L0 = 1.2
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0, 0)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z

```

<pre> Set pt = Library.CreatePoint(0.2, 0) myPoints.Add myPoints(myPoints.Count).x = pt.x myPoints(myPoints.Count).y = pt.y myPoints(myPoints.Count).z = pt.z Set pt = Library.CreatePoint(0.2, 0.4) myPoints.Add myPoints(myPoints.Count).x = pt.x myPoints(myPoints.Count).y = pt.y myPoints(myPoints.Count).z = pt.z Set pt = Library.CreatePoint(L0, 0.4) myPoints.Add myPoints(myPoints.Count).x = pt.x myPoints(myPoints.Count).y = pt.y myPoints(myPoints.Count).z = pt.z Set pt = Library.CreatePoint(L0, 0) myPoints.Add myPoints(myPoints.Count).x = pt.x myPoints(myPoints.Count).y = pt.y myPoints(myPoints.Count).z = pt.z Set pt = Library.CreatePoint(L0 + 0.2, 0.4 + T) myPoints.Add myPoints(myPoints.Count).x = pt.x myPoints(myPoints.Count).y = pt.y myPoints(myPoints.Count).z = pt.z </pre>	<pre> Set pt = Library.CreatePoint(-0.4, 0.4 + T) myPoints.Add myPoints(myPoints.Count).x = pt.x myPoints(myPoints.Count).y = pt.y myPoints(myPoints.Count).z = pt.z Set pt = Library.CreatePoint(-0.4, 0.4 + 2 * T / 3) myPoints.Add myPoints(myPoints.Count).x = pt.x myPoints(myPoints.Count).y = pt.y myPoints(myPoints.Count).z = pt.z Set pt = Library.CreatePoint(-0.36, 0.4 + 1.8 * T / 3) myPoints.Add myPoints(myPoints.Count).x = pt.x myPoints(myPoints.Count).y = pt.y myPoints(myPoints.Count).z = pt.z Set pt = Library.CreatePoint(-0.44, 0.4 + 1.6 * T / 3) myPoints.Add myPoints(myPoints.Count).x = pt.x myPoints(myPoints.Count).y = pt.y myPoints(myPoints.Count).z = pt.z Set pt = Library.CreatePoint(-0.4, 0.4 + 1.4 * T / 3) myPoints.Add myPoints(myPoints.Count).x = pt.x myPoints(myPoints.Count).y = pt.y myPoints(myPoints.Count).z = pt.z Set pt = Library.CreatePoint(-0.4, 0.4) myPoints.Add myPoints(myPoints.Count).x = pt.x </pre>
---	--

```

myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0, 0.4)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0, 0)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update
ThisDocument.ActiveViewport.ZoomE
xtents
End Sub
Sub Example_F3_S1(T, SMTD,
SMTL)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument

Set insPt = Library.CreatePoint(0.24,
0.35)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 9))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0.22,
0.435)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.22, 0.35)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.24, 0.35)
myPoints.Add

```

```

myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update
ThisDocument.ActiveViewport.ZoomE
End Sub
Sub Example_F3_S11(T, SMTD,
SMTL)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.3,
0.35)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 11))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
End Sub
Sub Example_F3_S12(T, SMTD,
SMTL)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.3,
0.35)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 11))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
End Sub
Sub Example_F3_S2(T, SMSD, SMSL)

```

```

Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double

T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))

Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.62,
0.35)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 9))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update

ThisDocument.ActiveViewport.ZoomC
enter insPt, 20

Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0.6, 0.425)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.62, 0.35)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update

ThisDocument.ActiveViewport.ZoomE
xtents

End Sub
Sub Example_F3_S21(T, SMSD,
SMSL)

Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double

T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))

Set icadDoc = ActiveDocument

```

```

Set insPt = Library.CreatePoint(0.8,
0.35)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 10))

' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update

ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
End Sub
Sub Example_F3_SL(L0)
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.68,
0.35)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 11))

' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update

ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
End Sub
Sub Example_F3_S22(T, SMSD,
SMSL)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0.12,
0.445)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.12,
0.425)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z

```

```

Set pt = Library.CreatePoint(0.1 + L0,
0.425)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.1 + L0,
0.445)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update
ThisDocument.ActiveViewport.ZoomE
xtents
End Sub
Sub Example_F3_SL1(L0)
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(-0.21, T +
0.4 - 0.045)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(-0.21, T +
0.4 - 0.025)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.46, T +
0.4 - 0.025)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.46, T +
0.4 - 0.045)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update
ThisDocument.ActiveViewport.ZoomE
xtents
End Sub
Sub Example_F3_SL2(L0)
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline

```

```

Dim myPoints As Points
Dim pt As Point
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))

Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0.07,
0.445)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.07,
0.425)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(-0.4,
0.425)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update

ThisDocument.ActiveViewport.ZoomE
xtents

```

End Sub

9. กรณีที่ 3

```

Sub Example_F4_DF(L)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.6, -
0.26)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(14, 10))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update

ThisDocument.ActiveViewport.ZoomC
enter insPt, 20

Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
Dim L0 As Double
L0 = 1.2

```



```

        ThisDocument.ActiveViewport.ZoomC
enter insPt, 20

    End Sub

    Sub Example_F4_DF2(L)

        Dim icadDoc As IntelliCAD.Document

        Dim myText As String

        Dim mtextObj As IntelliCAD.Text

        Dim insPt As IntelliCAD.Point

        Dim height As Double

        T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
        L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))

        Set icadDoc = ActiveDocument

        Set insPt = Library.CreatePoint(0.3,
0.2)

        height = 0.03

        myText =
        (UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(14, 10)) / 4

        ' Add the Text obj

        Set mtextObj =
        icadDoc.ModelSpace.AddText(myText, insPt,
        height)

        mtextObj.Update

        ThisDocument.ActiveViewport.ZoomC
enter insPt, 20

        Dim myDoc As IntelliCAD.Document

        Dim myPline As Polyline

        Dim myPoints As Points

        Dim pt As Point

```

```

        Dim L0 As Double

        L0 = 1.2

        Set myDoc = ActiveDocument

        Set myPoints = Library.CreatePoints

        Set pt = Library.CreatePoint(0.2, 0.3)

        myPoints.Add

        myPoints(myPoints.Count).x = pt.x

        myPoints(myPoints.Count).y = pt.y

        myPoints(myPoints.Count).z = pt.z

        Set pt = Library.CreatePoint(0.2, 0.26)

        myPoints.Add

        myPoints(myPoints.Count).x = pt.x

        myPoints(myPoints.Count).y = pt.y

        myPoints(myPoints.Count).z = pt.z

        Set pt = Library.CreatePoint(0.2, 0.28)

        myPoints.Add

        myPoints(myPoints.Count).x = pt.x

        myPoints(myPoints.Count).y = pt.y

        myPoints(myPoints.Count).z = pt.z

        Set pt = Library.CreatePoint(0.46, 0.28)

        myPoints.Add

        myPoints(myPoints.Count).x = pt.x

        myPoints(myPoints.Count).y = pt.y

        myPoints(myPoints.Count).z = pt.z

        Set pt = Library.CreatePoint(0.46, 0.26)

        myPoints.Add

        myPoints(myPoints.Count).x = pt.x

        myPoints(myPoints.Count).y = pt.y

        myPoints(myPoints.Count).z = pt.z

        Set pt = Library.CreatePoint(0.46, 0.3)

        myPoints.Add

        myPoints(myPoints.Count).x = pt.x

        myPoints(myPoints.Count).y = pt.y

```

```

myPoints(myPoints.Count).z = pt.z
Set myPline = ThisDocument.ActiveViewport.ZoomC
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update
ThisDocument.ActiveViewport.ZoomE
xtents
End Sub
Sub Example_F4_DF3(L)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(-0.17,
0.2)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(14, 10)) / 4
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
End Sub
Sub Example_F4_DF4(L)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(-0.17,
0.2)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(14, 10)) / 4
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point

```

```

Dim L0 As Double
L0 = 1.2
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(-0.21, 0.3)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(-0.21,
0.26)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(-0.21,
0.28)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0, 0.28)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0, 0.26)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0, 0.3)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update
ThisDocument.ActiveViewport.ZoomE
xtents
End Sub
Sub Example_F4_DF5(L)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(-0.09,
0.2)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(14, 11))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update

```

```
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
```

```
End Sub
```

```
Sub Example_F4_DF6(L)
```

```
Dim icadDoc As IntelliCAD.Document
```

```
Dim myText As String
```

```
Dim mtextObj As IntelliCAD.Text
```

```
Dim insPt As IntelliCAD.Point
```

```
Dim height As Double
```

```
T=(UserForm1.Spreadsheet1.Worksheets("Sheet 0.26)
1").Cells(15, 10))
```

```
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
```

```
Set icadDoc = ActiveDocument
```

```
Set insPt = Library.CreatePoint(1.03,
0.2) 0.28)
```

```
height = 0.03
```

```
myText =
```

```
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(14, 10)) / 4
```

```
' Add the Text obj
```

```
Set mtextObj =
```

```
icadDoc.ModelSpace.AddText(myText, insPt,
height)
```

```
mtextObj.Update
```

```
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
```

```
Dim myDoc As IntelliCAD.Document
```

```
Dim myPline As Polyline
```

```
Dim myPoints As Points
```

```
Dim pt As Point
```

```
Dim L0 As Double
```

```
L0 = 1.2
```

```
Set myDoc = ActiveDocument
```

```
Set myPoints = Library.CreatePoints
```

```
Set pt = Library.CreatePoint(0.965, 0.3)
```

```
myPoints.Add
```

```
myPoints(myPoints.Count).x = pt.x
```

```
myPoints(myPoints.Count).y = pt.y
```

```
myPoints(myPoints.Count).z = pt.z
```

```
Set pt = Library.CreatePoint(0.965,
```

```
myPoints.Add
```

```
myPoints(myPoints.Count).x = pt.x
```

```
myPoints(myPoints.Count).y = pt.y
```

```
myPoints(myPoints.Count).z = pt.z
```

```
Set pt = Library.CreatePoint(0.965,
```

```
myPoints.Add
```

```
myPoints(myPoints.Count).x = pt.x
```

```
myPoints(myPoints.Count).y = pt.y
```

```
myPoints(myPoints.Count).z = pt.z
```

```
Set pt = Library.CreatePoint(1.2, 0.28)
```

```
myPoints.Add
```

```
myPoints(myPoints.Count).x = pt.x
```

```
myPoints(myPoints.Count).y = pt.y
```

```
myPoints(myPoints.Count).z = pt.z
```

```
Set pt = Library.CreatePoint(1.2, 0.26)
```

```
myPoints.Add
```

```
myPoints(myPoints.Count).x = pt.x
```

```
myPoints(myPoints.Count).y = pt.y
```

```
myPoints(myPoints.Count).z = pt.z
```

```
Set pt = Library.CreatePoint(1.2, 0.3)
```

```
myPoints.Add
```

```

myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoints)
myPline.Update
ThisDocument.ActiveViewport.ZoomExtents
End Sub
Sub Example_F4_DF7(L)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet1").Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(1.48, 0.2)
height = 0.03
myText = (UserForm1.Spreadsheet1.Worksheets("Sheet1").Cells(14, 10)) / 4
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(1.11, 0.2)
height = 0.03
myText = (UserForm1.Spreadsheet1.Worksheets("Sheet1").Cells(14, 11))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt, height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomCenter insPt, 20
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points

```

```

Dim pt As Point
Dim L0 As Double
L0 = 1.2
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(1.4, 0.3)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(1.4, 0.26)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(1.4, 0.28)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(1.635,
0.28)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(1.635,
0.26)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(1.635, 0.3)

myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update
ThisDocument.ActiveViewport.ZoomE
xtents
End Sub
Sub Example_F4_DF9(L)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(1.56,
0.2)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(14, 11))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)

```

```

mtextObj.Update

ThisDocument.ActiveViewport.ZoomC
enter insPt, 20

End Sub

Sub Example_F4_F2(T)
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
Dim L0 As Double
L0 = 1.2
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))

Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints(0.4)
Set pt = Library.CreatePoint(0, 0)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.2, 0)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.2, 0.4)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(L0 + 0.2,
0.4)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(L0 + 0.6,
0.4 + 1.4 * T / 3)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(L0, 0.4)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(L0 + 0.2,
0.4)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(L0 + 0.6,
0.4 + 1.4 * T / 3)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z

```

```

myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(L0 + 0.64,
0.4 + 1.6 * T / 3)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(L0 + 0.56,
0.4 + 1.8 * T / 3)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(L0 + 0.6,
0.4 + 2 * T / 3)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(L0 + 0.6,
T + 0.4)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(-0.4, T +
0.4)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(-0.4, 0.4 +
2 * T / 3)

myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(-0.36, 0.4
+ 1.8 * T / 3)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(-0.44, 0.4
+ 1.6 * T / 3)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(-0.4, 0.4 +
1.4 * T / 3)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(-0.4, 0.4)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0, 0.4)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0, 0)

```

```

myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update
ThisDocument.ActiveViewport.ZoomE
xtents
End Sub
Sub Example_F4_S1(T, SMTD,
SMTL)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.24,
0.35)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 9))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0.22,
0.435)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.22, 0.35)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.24, 0.35)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update

```

```

ThisDocument.ActiveViewport.ZoomE
xtents
End Sub
Sub Example_F4_S11(T, SMTD,
SMTL)
    Dim icadDoc As IntelliCAD.Document
    Dim myText As String
    Dim mtextObj As IntelliCAD.Text
    Dim insPt As IntelliCAD.Point
    Dim height As Double
    T=(UserForm1.Spreadsheet1.Worksheets("Sheet
    1").Cells(15, 10))
    L=(UserForm1.Spreadsheet1.Worksheets("Sheet
    1").Cells(14, 10))
    Set icadDoc = ActiveDocument
    Set insPt = Library.CreatePoint(0.3,
    0.35)
    height = 0.03
    myText =
    (UserForm1.Spreadsheet1.Worksheets("Sheet1"
    ).Cells(25, 11))
    ' Add the Text obj
    Set mtextObj =
    icadDoc.ModelSpace.AddText(myText, insPt,
    height)
    mtextObj.Update
    ' Add the Text obj
    Set mtextObj =
    icadDoc.ModelSpace.AddText(myText, insPt,
    height)
    mtextObj.Update
    ThisDocument.ActiveViewport.ZoomC
    enter insPt, 20
End Sub
Sub Example_F4_S12(T, SMTD,
SMTL)
    Dim icadDoc As IntelliCAD.Document
    Dim myText As String
    Dim mtextObj As IntelliCAD.Text
    Dim insPt As IntelliCAD.Point
    Dim height As Double
    T=(UserForm1.Spreadsheet1.Worksheets("Sheet
    1").Cells(15, 10))
    L=(UserForm1.Spreadsheet1.Worksheets("Sheet
    1").Cells(14, 10))
    Set icadDoc = ActiveDocument
    Set insPt = Library.CreatePoint(0.42,
    0.35)
    height = 0.03
    myText =
    (UserForm1.Spreadsheet1.Worksheets("Sheet1"
    ).Cells(25, 10))
    ' Add the Text obj
    Set mtextObj =
    icadDoc.ModelSpace.AddText(myText, insPt,
    height)
    mtextObj.Update
    ThisDocument.ActiveViewport.ZoomC
    enter insPt, 20
End Sub
Sub Example_F4_S2(T, SMSD, SMSL)
    Dim icadDoc As IntelliCAD.Document
    Dim myText As String
    Dim mtextObj As IntelliCAD.Text
    Dim insPt As IntelliCAD.Point
    Dim height As Double

```

```

T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))

Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.62,
0.35)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 9))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0.6, 0.425)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z

Set pt = Library.CreatePoint(0.6, 0.35)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update
ThisDocument.ActiveViewport.ZoomE
End Sub
Sub Example_F4_S21(T, SMSD,
SMSL)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.8,
0.35)
height = 0.03

```

```

myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 10))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
End Sub
Sub Example_F4_SL1(L0)
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.68,
0.35)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(25, 11))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
End Sub
Sub Example_F4_S22(T, SMSD,
SMSL)
Dim myDoc As IntelliCAD.Document
Dim myPoints As Points
Dim pt As Point
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(-0.21, T +
0.4 - 0.045)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(-0.21, T +
0.4 - 0.025)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.46, T +
0.4 - 0.025)

```

```

myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.46, T +
0.4 - 0.045)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update
ThisDocument.ActiveViewport.ZoomE
xtents
End Sub
Sub Example_F4_SL2(L0)
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(-0.4,
0.425)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(L0 + 0.6,
0.425)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update
ThisDocument.ActiveViewport.ZoomE
xtents
End Sub
Sub Example_F4_SL4(L0)
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(L0 - 0.235,
T + 0.4 - 0.045)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z

```

```

Set pt = Library.CreatePoint(L0 - 0.235, T + 0.4 - 0.025)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(L0 + 0.435, T + 0.4 - 0.025)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(L0 + 0.435, T + 0.4 - 0.045)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline = ThisDocument.ModelSpace.AddPolyline(myPoints)
myPline.Update
ThisDocument.ActiveViewport.ZoomExtents
End Sub

10. กรณีที่ 4
Sub Example_F1_DF(L)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double

T=(UserForm1.Spreadsheet1.Worksheets("Sheet1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet1").Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.72, -0.23)
height = 0.03
myText = (UserForm1.Spreadsheet1.Worksheets("Sheet1").Cells(14, 10))
' Add the Text obj
Set mtextObj = icadDoc.ModelSpace.AddText(myText, insPt, height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomCenter insPt, 20
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
Dim L0 As Double
L0 = 1.2
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0.2, -0.17)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.2, -0.13)

```



```

Dim pt As Point
Dim L0 As Double
L0 = 1.2
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))

Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0, 0)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.2, 0)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.2, 0.4)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(L0 + 0.2,
0.4)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(L0 + 0.2,
0.4 + T)
myPoints.Add

myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0, 0.4 + T)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0, 0)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update
ThisDocument.ActiveViewport.ZoomE
xtents
End Sub
Sub Example_F1_S1U(T, SRTD,
SRTL)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument

```

```

Set insPt = Library.CreatePoint(0.24, T
+ 0.4 + 0.05)

Height = 0.03

myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(26, 9))

' Add the Text obj

Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)

mtextObj.Update

ThisDocument.ActiveViewport.ZoomC
enter insPt, 20

Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0.22, T +
0.4 - 0.035)

myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z

Set pt = Library.CreatePoint(0.22, T +
0.4 + 0.05)

myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z

Set pt = Library.CreatePoint(0.24, T +
0.4 + 0.05)

myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z

Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)

myPline.Update

ThisDocument.ActiveViewport.ZoomE
xtents

End Sub

Sub Example_F1_S1U1(T, SRTD,
SRTL)

Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double

T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))

L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))

Set icadDoc = ActiveDocument

Set insPt = Library.CreatePoint(0.42, T
+ 0.4 + 0.05)

height = 0.03

myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(26, 10))

' Add the Text obj

```

```

Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update

ThisDocument.ActiveViewport.ZoomC
enter insPt, 20

End Sub

Sub Example_F1_S2U(T, SRSD,
SRTL)
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20

End Sub

Sub Example_F1_S1U2(T, SRTD,
SRTL)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double

T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))

Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.7, T +
0.45)
height = 0.03

Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.3, T +
0.4 + 0.05)
height = 0.03

myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(26, 11))

' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update

ThisDocument.ActiveViewport.ZoomC
enter insPt, 20

Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points

```

```

Dim pt As Point
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0.68, T +
0.4 - 0.025)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.68, T +
0.45)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.7, T +
0.45)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update

ThisDocument.ActiveViewport.ZoomE
xtents
End Sub
Sub Example_F1_S2U1(T, SRSD,
SRSL)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.88, T
+ 0.45)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(26, 10))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
End Sub
Sub Example_F1_S2U2(T, SRSD,
SRSL)
Dim icadDoc As IntelliCAD.Document
Dim myText As String
Dim mtextObj As IntelliCAD.Text
Dim insPt As IntelliCAD.Point
Dim height As Double
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))

```

```

L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set icadDoc = ActiveDocument
Set insPt = Library.CreatePoint(0.76, T
+ 0.45)
height = 0.03
myText =
(UserForm1.Spreadsheet1.Worksheets("Sheet1"
).Cells(26, 11))
' Add the Text obj
Set mtextObj =
icadDoc.ModelSpace.AddText(myText, insPt,
height)
mtextObj.Update
ThisDocument.ActiveViewport.ZoomC
enter insPt, 20
End Sub
Sub Example_F1_SLU(T)
Dim myDoc As IntelliCAD.Document
Dim myPline As Polyline
Dim myPoints As Points
Dim pt As Point
T=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(15, 10))
L=(UserForm1.Spreadsheet1.Worksheets("Sheet
1").Cells(14, 10))
Set myDoc = ActiveDocument
Set myPoints = Library.CreatePoints
Set pt = Library.CreatePoint(0.075,
0.025)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(0.025, T +
0.4 - 0.025)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set pt = Library.CreatePoint(1.4 -
0.025, T + 0.4 - 0.025)
myPoints.Add
myPoints(myPoints.Count).x = pt.x
myPoints(myPoints.Count).y = pt.y
myPoints(myPoints.Count).z = pt.z
Set myPline =
ThisDocument.ModelSpace.AddPolyline(myPoi
nts)
myPline.Update
ThisDocument.ActiveViewport.ZoomExtents
End Sub

```