# Bluebeam Interactive Stamp Reference

Introduction

This reference will help you Create an Interactive Stamp with a Dialogue Popup to populate text fields within the Stamp. In addition, this reference will walk you through adding/modifying existing fields in the dialogue popup.

Creating the Stamp:

1. Open Bluebeam and in the header menu navigate to Tools > Stamp > Create Stamp
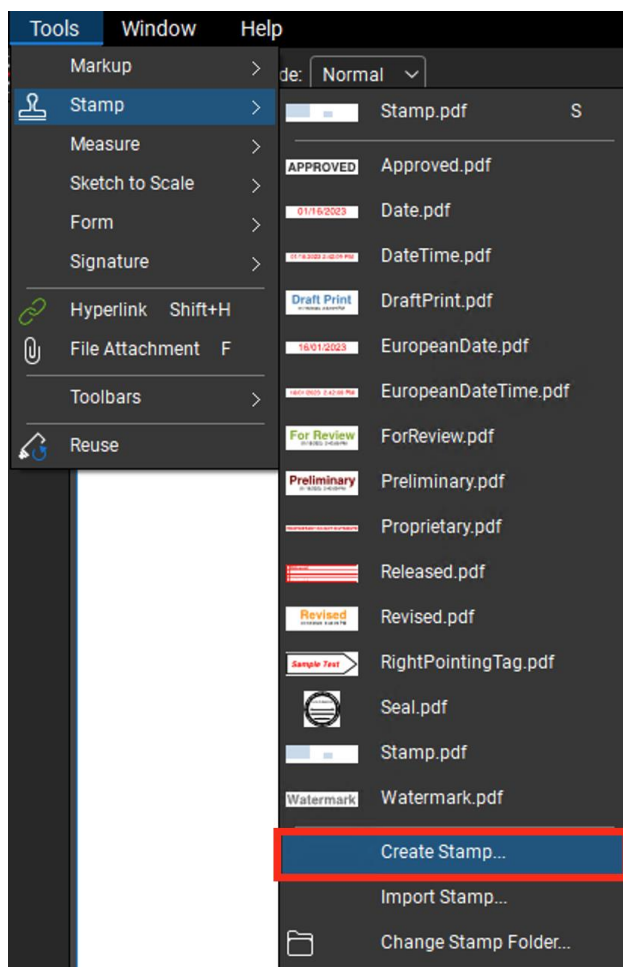
2. Create the stamp and format it

3. Under the Form tab, add the fields you would like to be modified by the dialog popup as **<u>Text</u>** fields. The Code will populate the field values

4. Finally add an additional field name called **"Calculation"** as a text Field

5. Under the Calculation field properties Navigate to Calculate Dropdown and select **"Custom Calculation Field"**
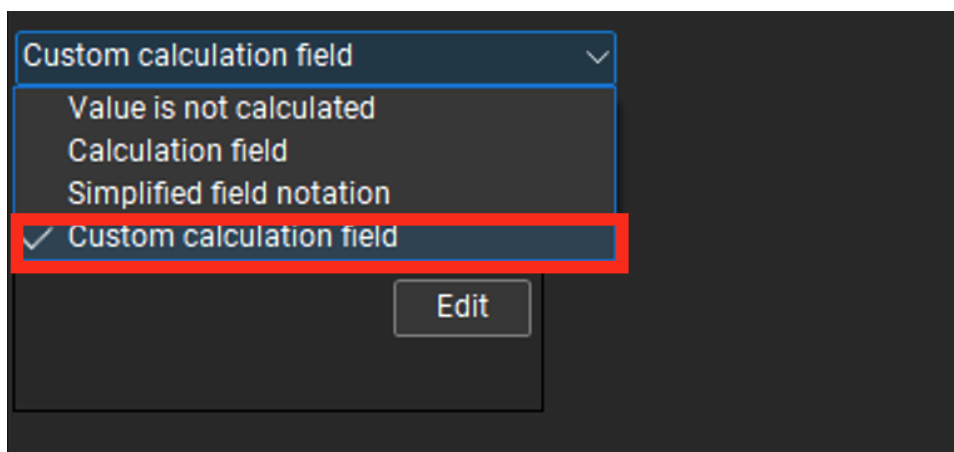
6. Open the O:/ Drive and navigate to **"O:\2 - ESTIMATING\STAFF\Matthew Israel\Graphics\RFI Templates\RFI Scripting"** and copy the contents of **diagBuilderCode.js**

   OR

   Navigate to https://github.com/Jacen-crudo/Bluebeam-Stamp-DiagBox and download the two files.

7. Return to Bluebeam under the Calculation Field and under Custom Calculation Field select "Edit" and paste the contents of **diagBuilderCode.js** and select Ok

8. Open the O:/ Drive and navigate to **"O:\2 - ESTIMATING\STAFF\Matthew Israel\Graphics\RFI Templates\RFI Scripting"** and open the file **diagBuilderData.js**

9. There are 3 parts that create the dialogue window:

- Menu (menus)
- Free-Text Fields (textBoxes)
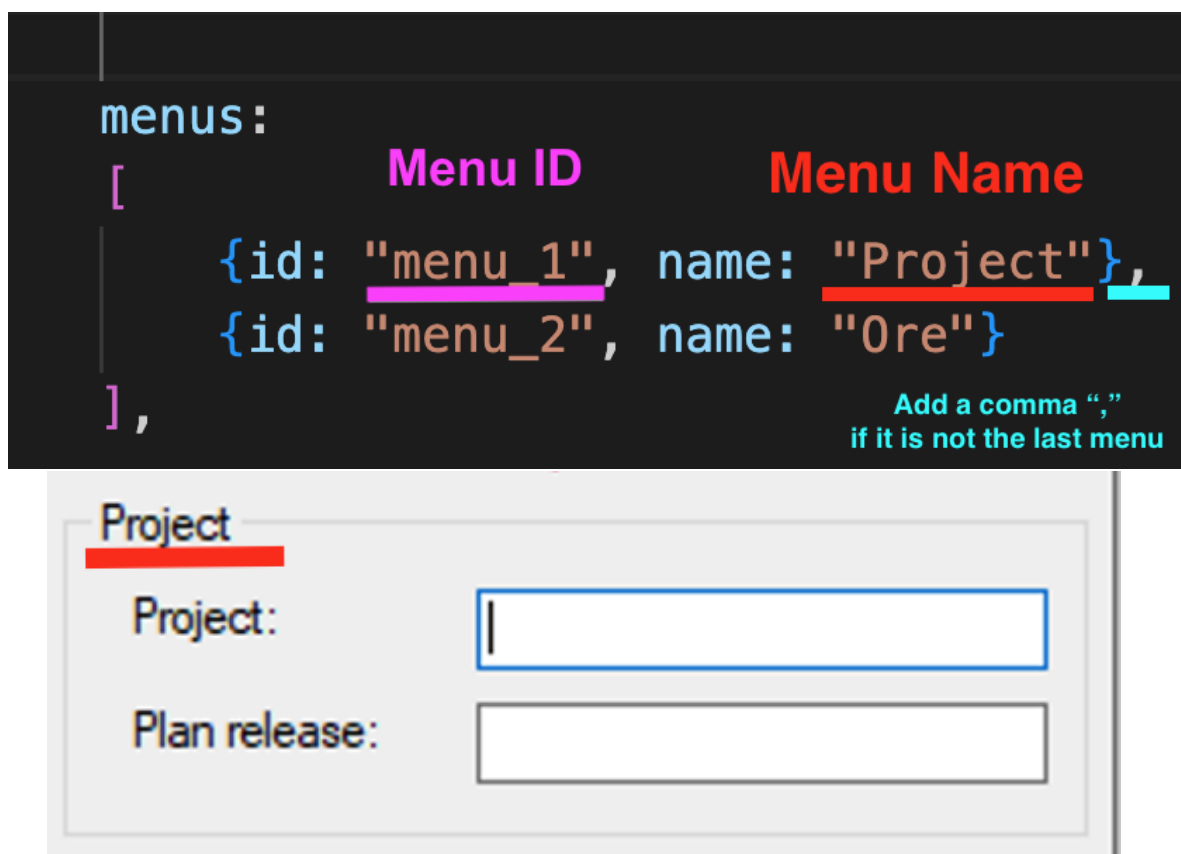- DropDown Fields (dropDowns)

Within the diagBuilderData.js enter in the fields as follows:

Menu (menus):

CODE:

{name: "Menu"}

- Name: Name you want to name the menu in double quotes ""

Free-Text Fields (textBoxes):

CODE:

{field: "Project", description: "Project:", menu: "Project", default: function () {return "";}},

- Field: Name of the field exactly as it appears in Bluebeam Form Menu in double quotes ""
- Description: The label to appear on the dialogue popup in double quotes ""

- Menu: The menu ID you set of the menu before in double quotes ""
- Default: The Default Value of the field, refer to JavaScript functions reference

```
textBoxes:

[
                Bluebeam              Dialogue                                              Default Value      Add a comma "," if it
                Field Name           Field Label         Menu ID                           as Function        is not the last field

      { field: "Project", description: "Project:", menu: "menu_1", default: function () { return "";}},
      { field: "PlanRelease", description: "Plan release:", menu: "menu_1", default: function () { return "";}}

  ],
```

DropDown Fields (dropDowns):

CODE:

```
{

    field: "Estimator",

    description: "Estimator:",

    menu: "Ore",

    values:

    {

       "Matt Israel": -1,

       "Parker Fowler": -1,

       "Josh Johnson": -1,

       "Danniel Herring": -1

    }

},
```

- Field: Name of the field exactly as it appears in Bluebeam Form Menu in double quotes ""

- Description: The label to appear on the dialogue popup in double quotes ""
- Menu: The menu ID you set of the menu before in double quotes ""
- Values: Values as text to be displayed on the stamp with ':-1' following
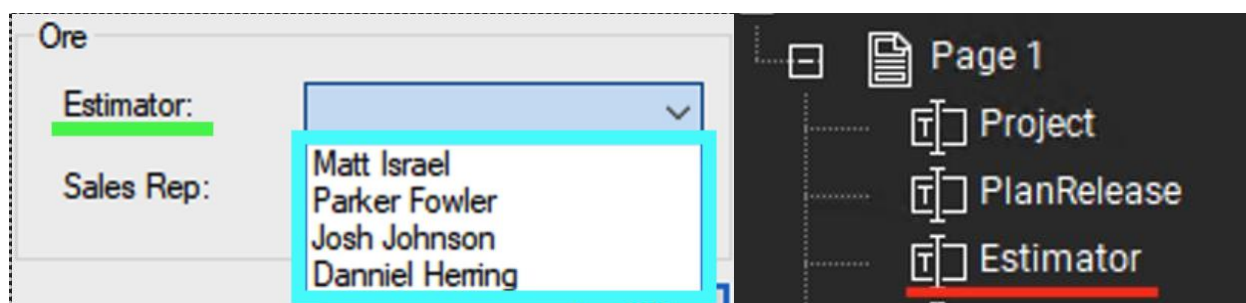
10. Now once you've added in all your menus copy the code and we will navigate back to Bluebeam.

11. Under the Stamp Bluebeam PDF in the header menu navigate to Tools > Form > JavaScript Shortcut (Ctrl+Shift+J)
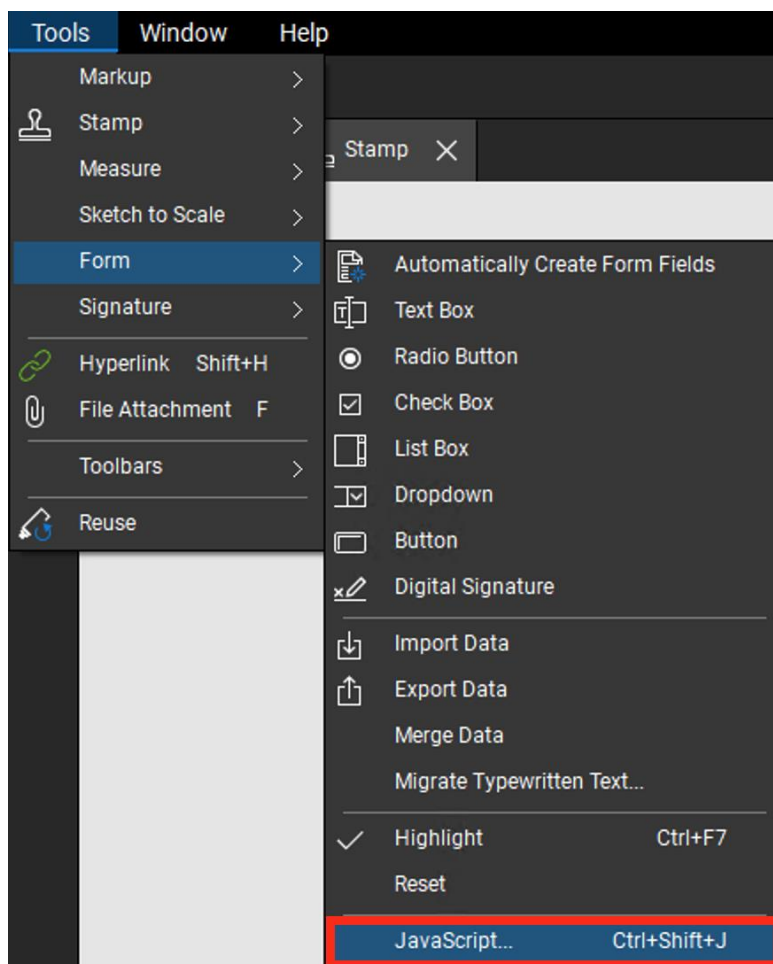
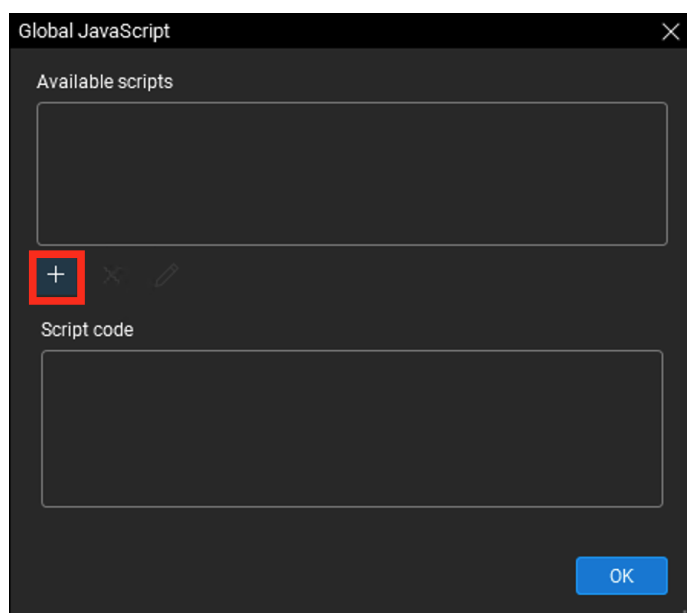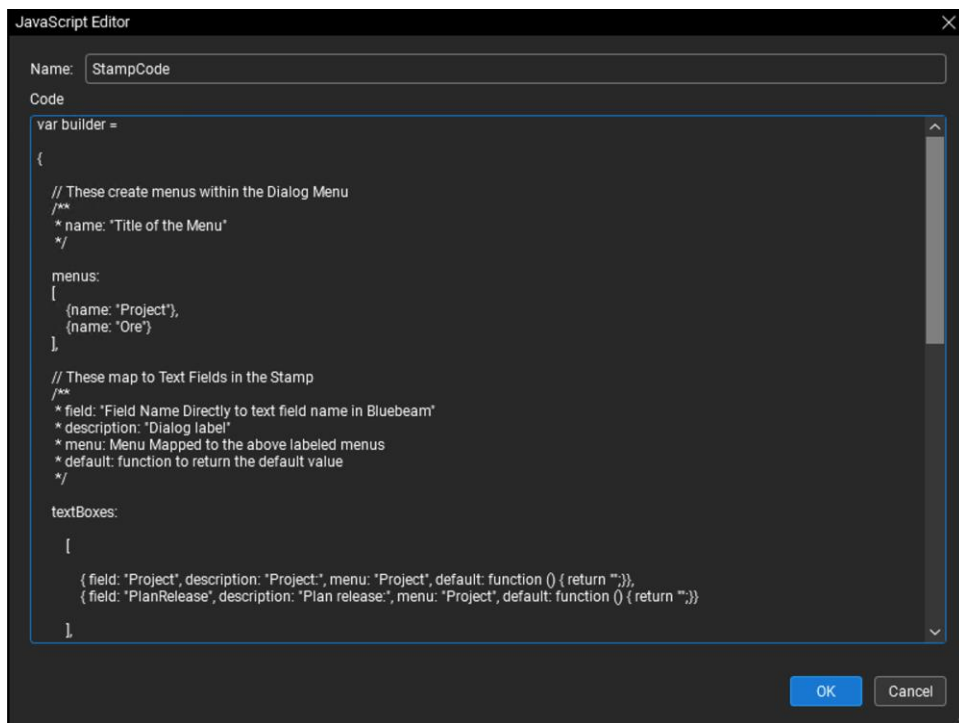12. Open the window and create a new Global JavaScript code by selecting the "+" button

13. Name the code "StampCode" and paste the information from **diagBuilderCode.js** file into the Code box and click OK to close out of the editor window and OK to close out of the Javascript window.

```
JavaScript Editor                                                    ×

Name:   StampCode
Code
var builder =

{

    // These create menus within the Dialog Menu
    /**
     * name: "Title of the Menu"
     */

    menus:
    [
        {name: "Project"},
        {name: "Ore"}
    ],

    // These map to Text Fields in the Stamp
    /**
     * field: "Field Name Directly to text field name in Bluebeam"
     * description: "Dialog label"
     * menu: Menu Mapped to the above labeled menus
     * default: function to return the default value
     */

    textBoxes:

    [

        { field: "Project", description: "Project:", menu: "Project", default: function () { return "";}},
        { field: "PlanRelease", description: "Plan release:", menu: "Project", default: function () { return "";}}

    ],

                                                              OK      Cancel
```

14. Now Save the stamp and it is complete!