



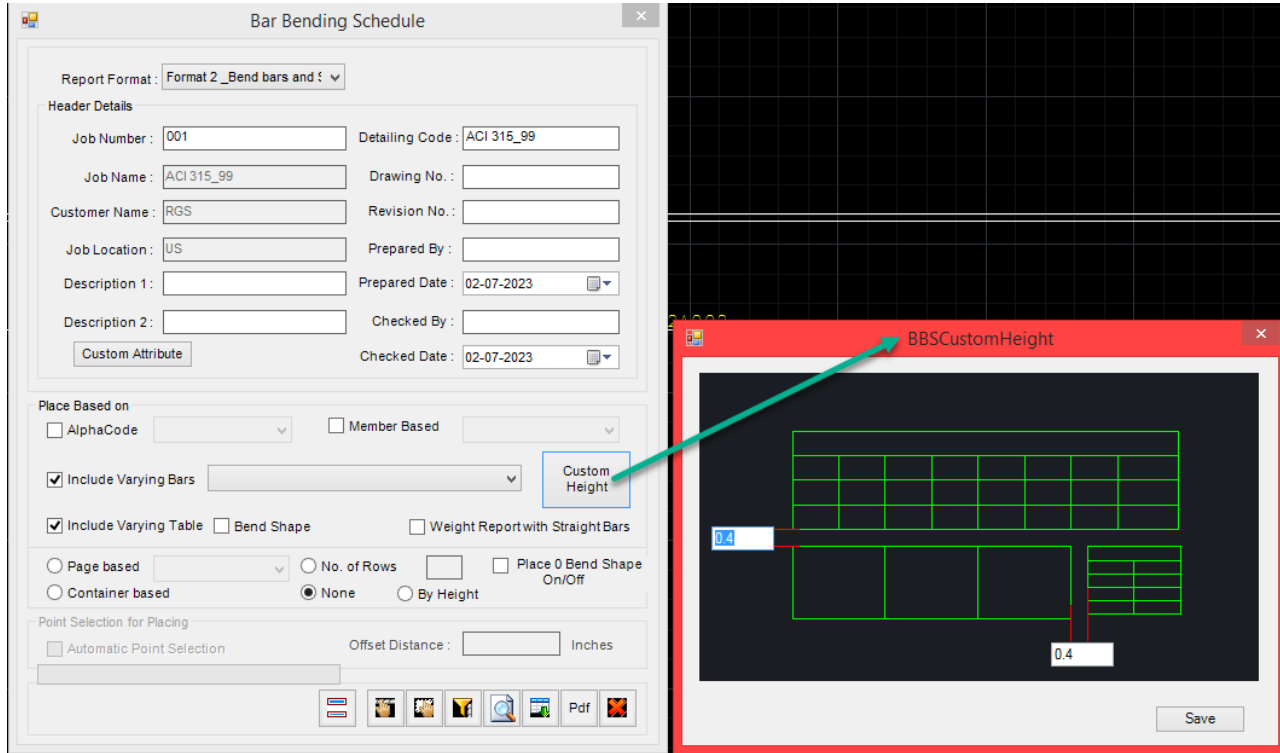
# RGS REBAR

**Version 4.0.20.20**

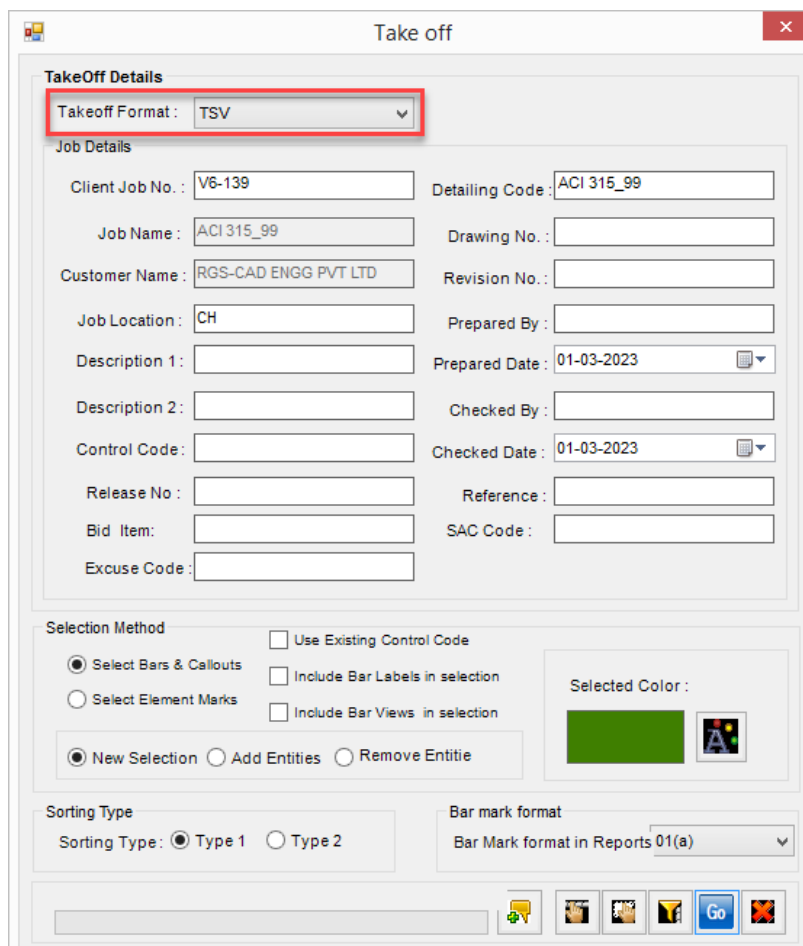
**Release Date – 01 Mar 2023**

## New Feature:

**RRCP - 935:** The Bar Bending Schedule screen now allows customization of the Custom Block Height and Distance settings.



**RRCP-985 QG2-1129** A feature has been added to generate the .TSV format for takeoff.



**RRCP-949 QG2-984** A new feature has been added that allows users to generate the Place Bend Shape form based on the drawing and release number.

**RRCP-934 QG2-985** A new weight report has been added to the Drawing Weight Report screen, which is based on release number, coats, and bend category.

Black Bars				Coated Bars		
Color	Control Code	Description	Weight(in lbs)	Weight(in Tons)	Weight(in lbs)	Weight(in Tons)
			37147	18.57	19989	9.99

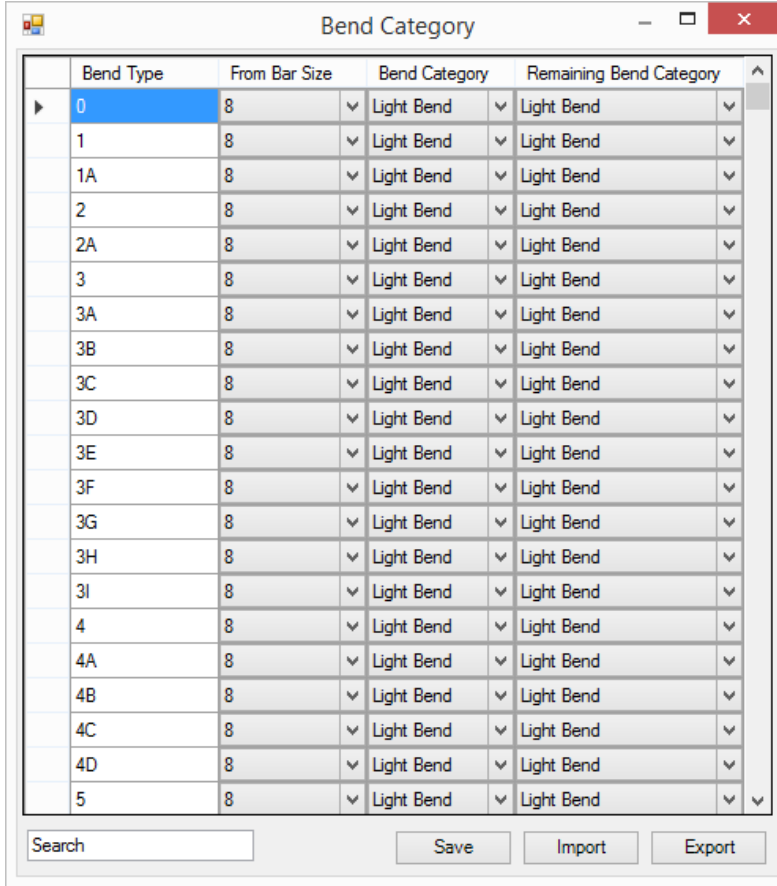
**Sample Weight Report**

WEIGHT REPORT BASED ON RELEASE NUMBER AND COATS											
BAR SIZE	BLACK BARS						EPOXY BARS				
	UNASSIGNED	DDD	BBB	CCC	EEE	FFF	BBB	CCC	DDD	EEE	FFF
	0	R004	R002	R003	R005	R006	R002	R003	R004	R005	R006
#2	1										
#3	54										
#4	2184										
#5	4862										
#6	7143										
#8	705										
#9	1185		1983				1983				
#10				2510				2510			
#11		3099							3099		
#14					4463					4463	
#16	1530					7933					7933
SUB TOTAL	17164	3099	1983	2510	4463	7933	1983	2510	3099	4463	7933
TOTAL	37152 lbs						19989 lbs				
GRAND TOTAL	57140 lbs										

Weight Summary by Bend Category			
R002			
Grades Used	Size Used	Number of bars	Total Weight
AG15-60	#9	200	0
TOTAL :		200	0 lbs

## Improvement

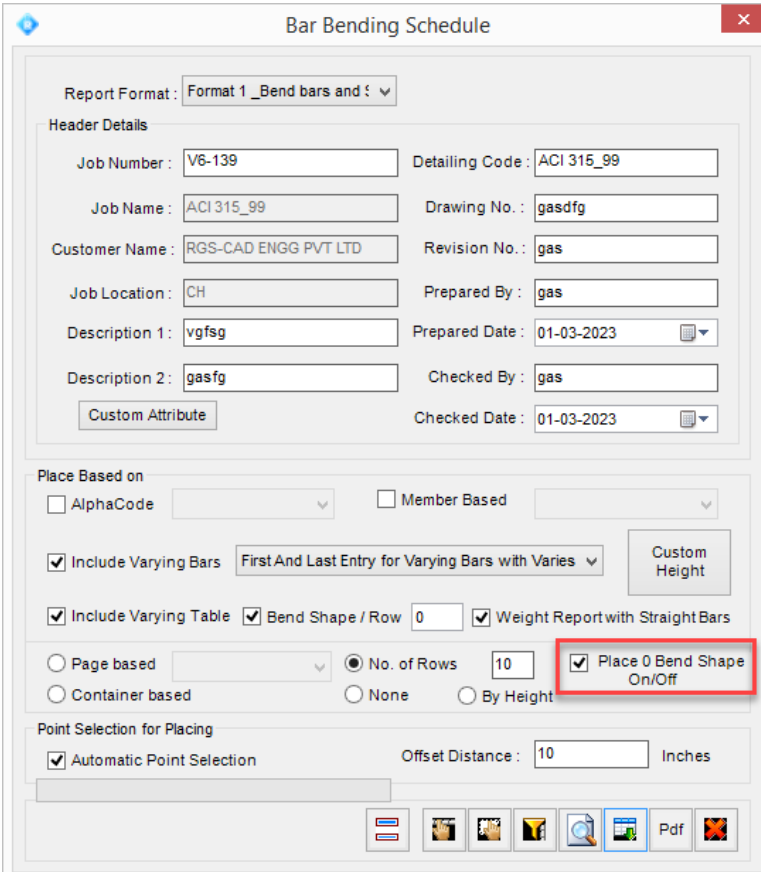
1. **RRCP-978 QG2-1111 | RRCP-974 QG2-1106** The Bend Category screen has been updated to include customization options for Bar Size and Import/Export functionality.



The screenshot shows a window titled "Bend Category" with a table and control buttons. The table has the following columns: Bend Type, From Bar Size, Bend Category, and Remaining Bend Category. The rows list bend types from 0 to 5, with sub-types (A, B, C, D, E, F, G, H, I) for types 1 through 4. All "From Bar Size" values are 8, and all "Bend Category" and "Remaining Bend Category" values are "Light Bend". Below the table are a search box and buttons for Save, Import, and Export.

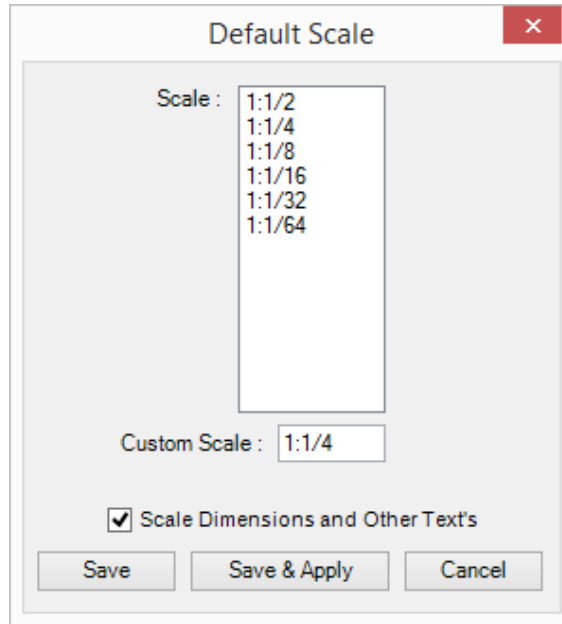
Bend Type	From Bar Size	Bend Category	Remaining Bend Category
0	8	Light Bend	Light Bend
1	8	Light Bend	Light Bend
1A	8	Light Bend	Light Bend
2	8	Light Bend	Light Bend
2A	8	Light Bend	Light Bend
3	8	Light Bend	Light Bend
3A	8	Light Bend	Light Bend
3B	8	Light Bend	Light Bend
3C	8	Light Bend	Light Bend
3D	8	Light Bend	Light Bend
3E	8	Light Bend	Light Bend
3F	8	Light Bend	Light Bend
3G	8	Light Bend	Light Bend
3H	8	Light Bend	Light Bend
3I	8	Light Bend	Light Bend
4	8	Light Bend	Light Bend
4A	8	Light Bend	Light Bend
4B	8	Light Bend	Light Bend
4C	8	Light Bend	Light Bend
4D	8	Light Bend	Light Bend
5	8	Light Bend	Light Bend

2. **RRCP-979 QG2-1115** The default check state for 0 bend shape has been added to the Bar Bending Schedule form.



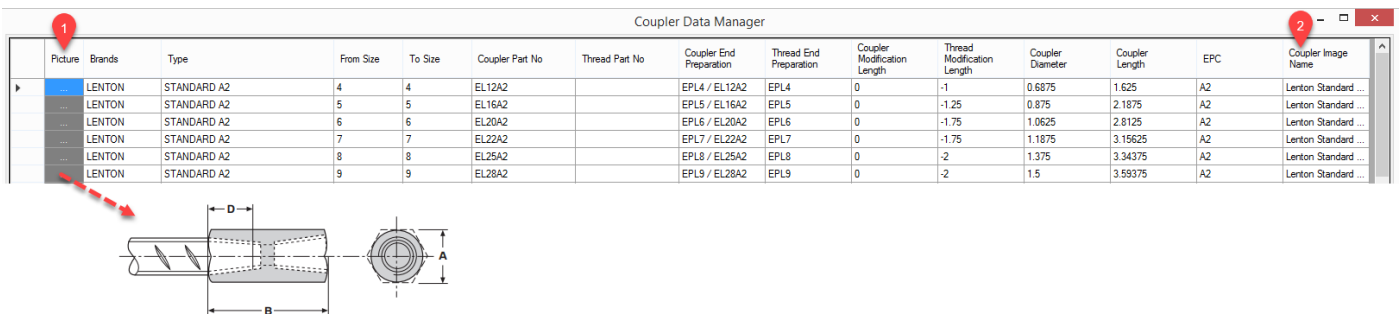
The screenshot shows a "Bar Bending Schedule" form. The "Header Details" section contains fields for Job Number (V6-139), Job Name (ACI 315\_99), Customer Name (RGS-CAD ENGG PVT LTD), Job Location (CH), Description 1 (vgfsg), and Description 2 (gasfg). The "Place Based on" section has checkboxes for AlphaCode and Member Based. The "Include Varying Bars" section has a checked checkbox and a dropdown menu. The "Include Varying Table" section has checked checkboxes for Bend Shape / Row (0) and Weight Report with Straight Bars. The "Page based" section has radio buttons for Page based, No. of Rows (10), Container based, None, and By Height. The "Place 0 Bend Shape On/Off" checkbox is checked and highlighted with a red box. The "Point Selection for Placing" section has a checked checkbox for Automatic Point Selection and an Offset Distance of 10 Inches. At the bottom, there are icons for Print, Save, and other functions.

3. **RRCP-992 QG2-1147** A text box has been added in the Default Scale Area section to allow users to enter a new scale area.

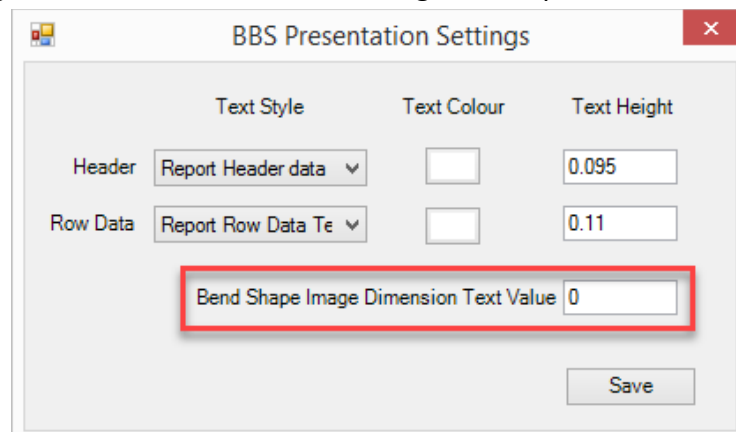


4. **RRCP-813 QG2-980** Users now have the ability to modify the coupler image as it has been added to the Coupler Database Manager screen.

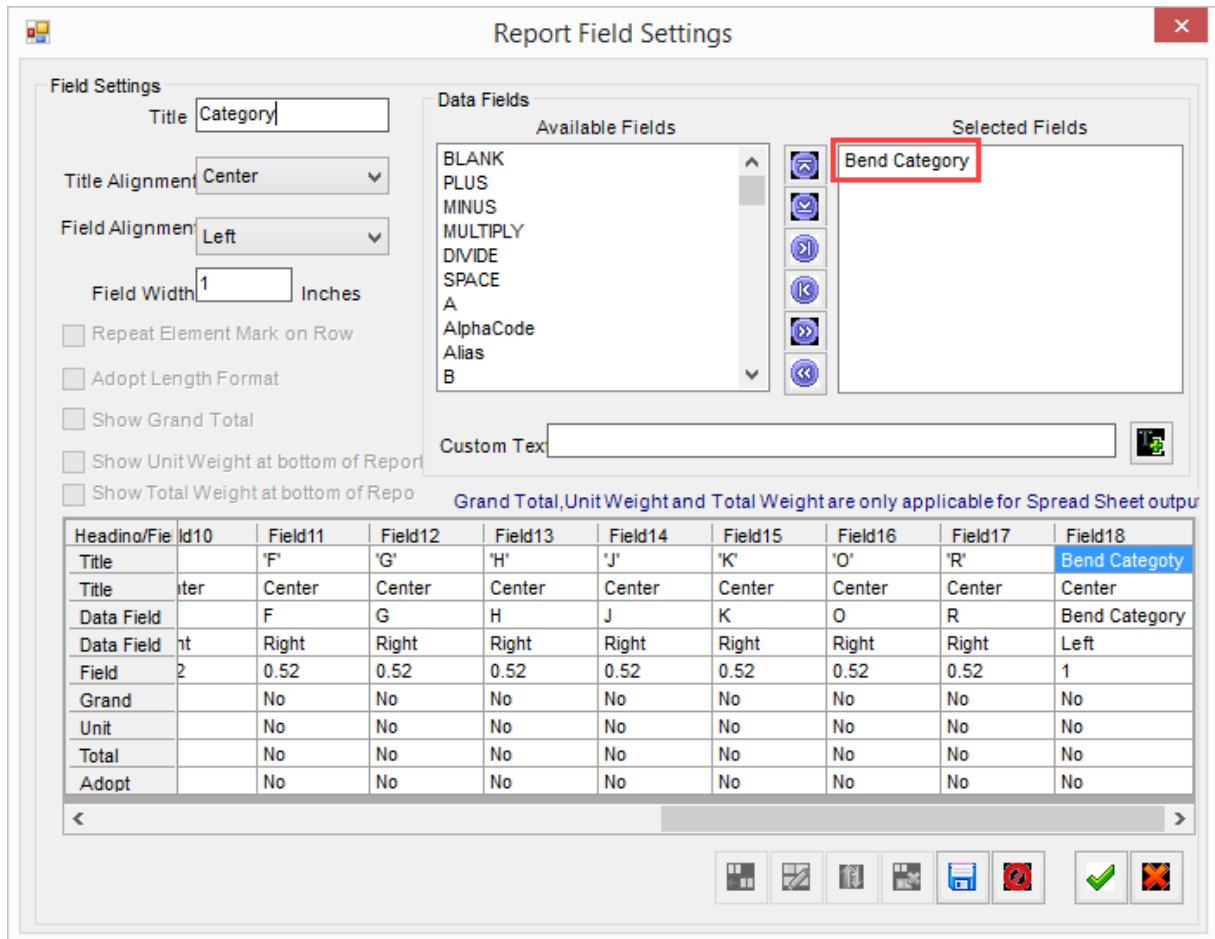
Note: Coupler Image Location - C:\Program Files\RGS\RGS Rebar 4.0\Forms\CouplerImage



5. **RRCP-946 QG2-972** There was an issue where the Bend Shape image block dimension size was mismatched in the bar bending schedule. This issue has now been resolved with the addition of a customization option in the BBS presentation setting screen. With this option, users can now adjust the Bend Shape image block dimension size according to their preferences.



6. **RRCP-328 QG2-979** The report field setting now includes the bend category, which can be displayed in the report category column as "Straight", "Light Bend", or "Heavy Bend". An example image demonstrating this feature is shown below.



Sample Report

Drawing Number: gasd1g		BENDING DETAILS															
Qty.	Size	Total Length	Bar Mark	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'	Bend Category
1	#4	4'-08"				4'-08"											Straight Bar
65	#5	4'-08"				4'-08"											Straight Bar
9	#5	2'-08"				2'-08"											Straight Bar
1	#2	6'-06"	2A001	1	0'-05"	5'-08"					0'-05"		0'-02"				Light Bend
22	#4	7'-00"	4A003	2	0'-08"	5'-08"					0'-08"						Heavy Bend
288	#6	11'-08"	6B003	2	1'-00"	9'-08"					1'-00"						Heavy Bend
9	#18	12'-06"	18A001	2	3'-05"	5'-08"					3'-05"						Heavy Bend

7. **RRCP-983 QG2-1127:** To generate a duplicate take-off, it was previously necessary for the control code minimum text length to be 3 characters. However, this has now been updated and the minimum text length for control codes has been reduced to 2 characters. This change should make it easier to generate duplicate take-offs as needed.

The screenshot shows a 'Take off' dialog box with the following fields:

- Takeoff Format: R-aSa
- Location: asa
- Client Job No.: V6-139
- Detailing Code: ACI 315\_99
- Job Name: ACI 315\_99
- Drawing No.:
- Customer Name: RGS-CAD ENGG PVT LTD
- Revision No.:
- Job Location: CH
- Prepared By:
- Description 1:
- Prepared Date: 01-03-2023
- Description 2:
- Checked By:
- Control Code: (highlighted with a red rectangle)
- Checked Date: 01-03-2023
- Release No.:
- Reference:

- 8. RRCP-906 QG2-867:** when using the "CONVERT SET TO VIEW" and "CONVERT VIEW TO SET" options, users were unable to select multiple objects for conversion. This meant that only one object could be converted at a time. However, this issue has been resolved and users can now select and convert multiple objects using these options.
- 9. RRCP-982 QG2-1124:** When assigning release order and multiple grades are involved, the software will now display a message. That may arise when rebar properties with multiple grades in the release order assignment process.

The message dialog box contains the following text:

The following Properties contain multiple

1. Grade ( A615-40 , A615-60 )
2. Coating ( EPOXY , BLACK )

Do you wish to continue?

Buttons: OK, Cancel

## Bug

- 1. RRCP-351 QG2-1039** when attempting to stretch a bar or range within a varying range bar, the associated labels were being deleted. However, this issue has now been resolved and the labels are no longer deleted when stretching a bar or range.
- 2. RRCP-665 QG2-513** There was an issue with matching the left and right end preparation property, but this problem has now been resolved.
- 3. RRCP - 946:** There was a problem with the Bend shape Block text and Bar bending schedule text height not matching correctly in the Bar bending schedule. However, this issue has now been resolved
- 4. RRCP-938 QG2-961** There was an issue with placing Callout or Label remarks (Notes) in a design, but this problem has now been resolved.

5. **RRCP-924 QG2-940** There was an issue with repositioning Callouts when performing a file-to-file copy, but this problem has now been resolved. The Callouts from being properly repositioned during file copying.
6. **RRCP-975 QG2-1107** There was an issue with the alignment of range text when adding a new range to an existing multi-range. However, this problem has now been resolved.
7. **RRCP-990 QG2-1142** there was an issue where the callout color was not changing even though bars were being assigned to a particular release. Additionally, attempting to change the details of a release and its color resulted in the older control code being duplicated and the bars being assigned to the wrong release. After renaming the control code and changing its color, the issue persisted, with most bars being assigned to a duplicate control code. However, this problem has now been resolved
8. **RRCP-989 QG2-1145** There was an issue where copying a bar as a view and changing the view from side to plan resulted in the bar color being changed to the default layer color. However, this problem has now been resolved.
9. **RRCP-961 QG2-1093** There was an issue where assigning a bar to another release or an unassigned release did not change the release color, resulting in only the bar color being changed. Additionally, redrawing the bar did not return it to its original color. However, this problem has now been resolved
10. **RRCP-981 QG2-1119** There was an issue where some BBS placed in the sheet were deleted automatically when updating the BBS. However, this issue has now been resolved.
11. **RRCP-931 QG2-952** An error message was appearing when attempting to delete a bar view that had been associated with a range added using the ADD RANGES command. This issue has been resolved and the error message no longer occurs.