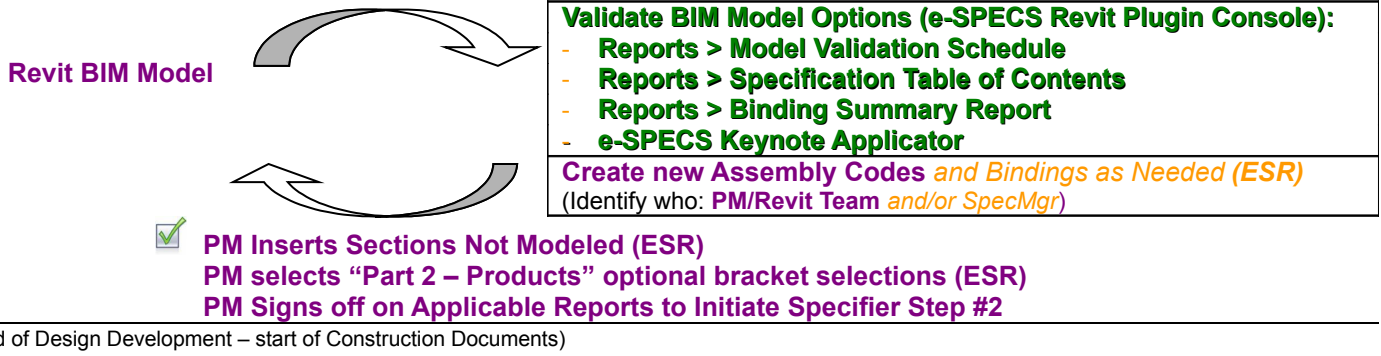


e-SPECS for Revit Sample Implementation Process

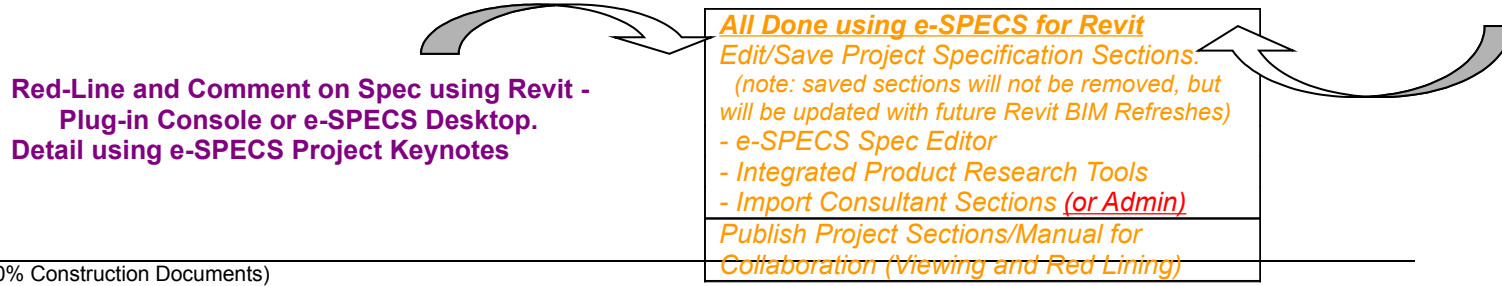
This sample process and training tool helps firms to understand the BIM specification integration and automation options available helping to define the process that works for each firm. The responsibilities for the Project Manager (PM) and Revit BIM team are the **purple bold text**, with the Spec Writing responsibilities being the **orange italic text** and the Production Administration as **red underlined text**. The **green shadow text** outlines automated BIM validation reports generated by e-SPECS either in the e-SPECS Revit Plugin Console or the e-SPECS for Revit (ESR) application.

Step 1: Project Development - PM and Revit Team



Step 2: Project Spec Writing - Specifier and Project Team

- Review + Verify the Automated Project Reports (in ESR):**
- BIM > Assembly Report
 - Tools > Reports > Executive Summary Report
 - Tools > Keynotes...
- *** Plus ***
- **First Draft of Project Manual Complete with TOC**



Step 3: Construction Documents – Administration Publish Project Manual into Construction Documents

On Going: Office Master Management using e-SPECS Designer

<i>Preferred Language and Sections</i>	
- Requirements	Owner
- Learned	Lessons
- Specifiers	Notes to
- Checklist Tag Selections	Default
<i>Ease of Use</i>	
- Master Updater in Word	Office
- Checklist Tags	Custom
- Items Mapped	Related
<i>Reporting</i>	
- Keynote Management	Master
- e Summary Reporting	Last Saved 2/2/2015 Executiv

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Project: _____
 Project Manager: _____
 Project Specifier: _____
 Project Admin: _____

Other Members: _____

The plan below is a template that can be modified as per the design firm's preferences and processes. Enter the initials of the person responsible in the Status field with target dates (ie. **PM-1/1/13**) and then add the Date Completed. Simply cross out or delete those steps your firm will not be doing and add steps that you foresee needing to do. This plan will help to keep the project on schedule and identify areas of additional training, consulting or clarification needed. It may be best to start with the date of the first spec draft due date and work backwards.

#	Status	App	Task	Resource	Date Completed
			Step 1: Verify Currently Assigned Assembly Descriptions		
1.	PM 1/1/13	ESR	Create a New e-SPECS Spec Project the same name as Revit's Settings > Project Information... Project_Name value	PM / Revit Team	
2.		Revit	Review the e-SPECS Model Validation Schedule - Identify Incorrect or Unspecified Assembly Descriptions	PM / Revit	
3.		ESR	Create New Assembly Codes and Descriptions Needed	PM or Spec Mgr	
4.		ESR	Create New Bindings for those New Assembly Descriptions	PM or Spec Mgr	
5.		Revit	Distribute Updated Assembly List (UnifomatClassifications.txt)	PM / Revit	
6.		Revit	Assign New Assembly Codes to Revit Families	PM / Revit	
7.		Revit	Run the e-SPECS Model Validation Schedule - Identify any Remaining Incorrect or Unspecified Assembly Descriptions	PM / Revit	
8.		Revit	Review "BIM Model" specific TOC and Binding Summary Report	PM / Revit	
9.		Revit	Update e-SPECS Specs exporting BIM model to e-SPECS Database	PM / Revit	
10.	1/7/13	ESR	BIM > Refresh Section List...	PM	
			Insert Sections and/or Select Part 2 – Products (Optional)		
11.		ESR	Insert Sections not Modeled using e-SPECS Checklist (ie. Div 1)	PM	
12.		ESR	Review the "Project" TOC (includes Inserted, Default Binding and Imported Sections)	PM	
13.		ESR	Review the "Project" Tools > Reports > Executive Summary Report	PM	
14.		ESR	Select Optional Bracket Items in Part 2 - Products	PM	
15.	1/14/13	ESR	Add any Additional Project Notes for Specifier and other Team Members	PM	
			Step 2: Project Specifier Editing		
16.		ESR	Review BIM > Assembly Report... and TOC for Project Manual	Specifier	
17.		ESR	Edit Project Sections using e-SPECS Editor referring to Project Notes	Specifier	
18.		ESR	Import Consulting Sections	Specifier or Admin	
19.	1/28/13	ESR	Publish Project Manual for Review and Collaboration	Specifier	
20.		Revit /Desk top	Redline and add Project Notes to Sections	PM and All Team Members	
21.		Revit	Create and Detail using e-SPECS Project Keynotes as Needed	PM / Revit	
22.		ESR	Update Redlines, Respond to Project Notes	Specifier	
			Step 3: Publish Construction Documents		

e-SPECS for Revit Sample Implementation Process

23	2/14/13	ESR	Publish Project Manual	Admin	
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