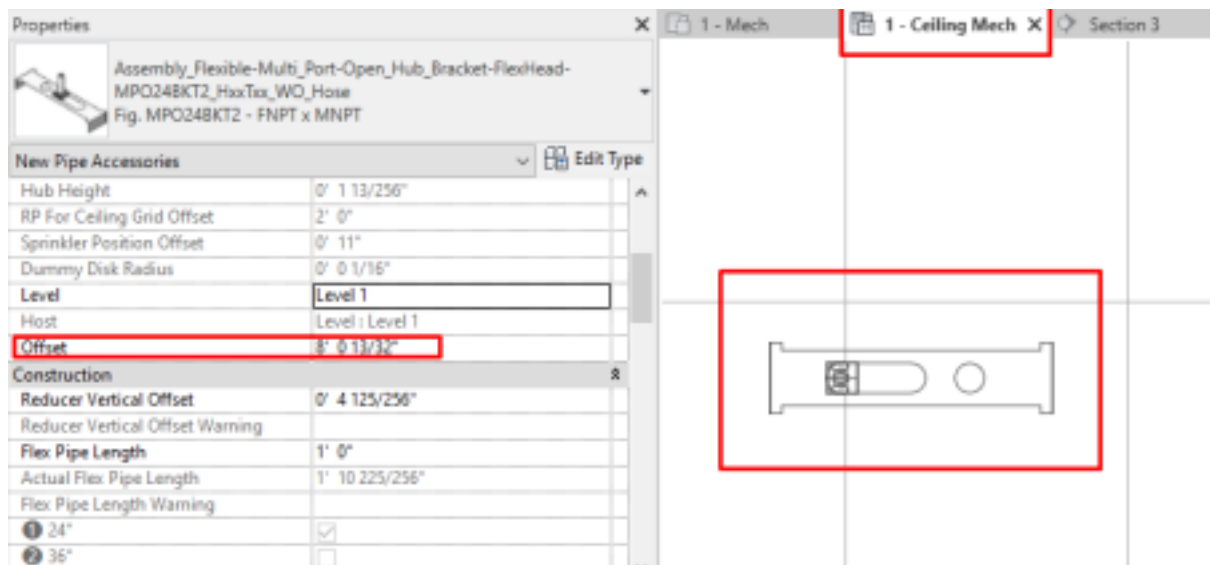


FlexHead Assembly Workflow in a Revit Project (2022-01-21)

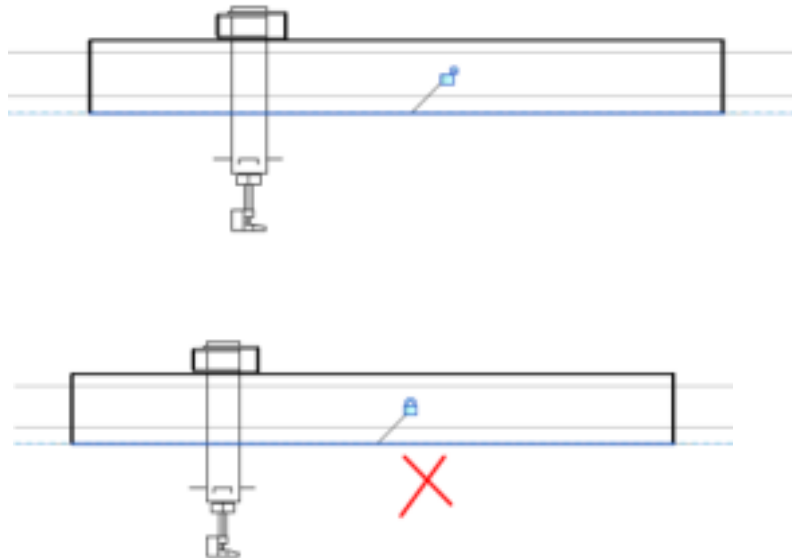
1. Import the Architectural/Engineering model and/or set background drawing to Underlay, if available.
2. Run the main Fire Protection lines.
3. Place desired Sprinklers at chosen location and elevation. Doing this in a Ceiling Plan view would be easier in this case, as compared to Floor Plan.
4. Drag the desired FlexHead Assembly from the Project Browser window, and drop into your project space, making sure to set the correct offset/elevation (in close proximity to the elevation of the Sprinkler you're attaching to). Refer to image below.



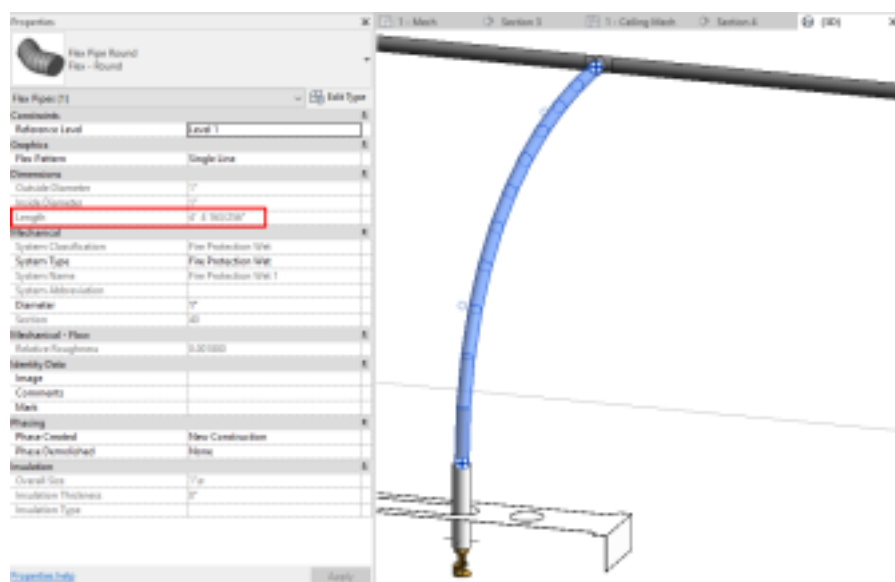
5. Place/connect the FlexHead Assembly to the Sprinkler while in the Ceiling Plan view.
6. Create a Section View facing the FlexHead Assembly/Sprinkler combo that you're working on, so that you can view them in elevation, and align the Bracket and Reducer vertically to Ceiling conditions more easily.

Note: Make sure to **not lock** the Bracket to any Ceiling Line, as this would constrain the Reducer's ability to move along the vertical axis. Refer to images below.



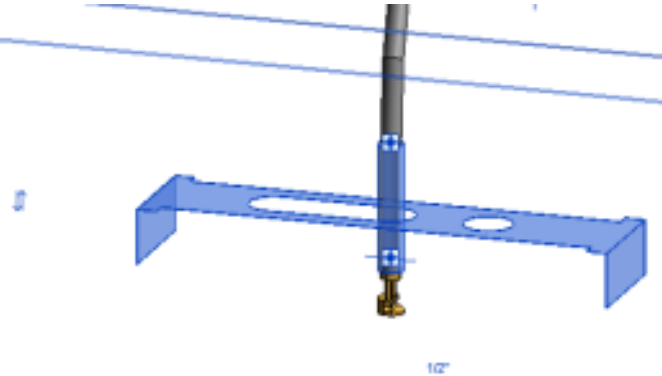


7. Once finished in your Section View, position and align the Bracket to the grid in the Ceiling Plan view.
8. The top of the Reducer can now be connected to the main Fire Protection lines via Flex Pipe in 3D view.
9. The visibility of “Sprinkler Snap Location” and “Bracket Hub Visibility” can be changed under Visibility Graphics -> Model Categories -> Pipe Accessories.
10. Steps to identify the appropriate Model Number for the FlexHead Assembly:
 - a. Once you’ve connected Flex Pipe from the top of the Reducer in the FlexHead Assembly to the main Fire Protection line, select the Flex Pipe and make a note of the Flex Pipe length shown in the Properties box (e.g. 4’ 4 163/256” as shown in the image below).



b. Select the FlexHead Assembly and enter the length value (that you've noted in the previous step) next to the parameter "Flex Pipe Length" located beneath the "Construction" tab in the Properties box. This will automatically select the appropriate length of Flex Pipe required for the installation of this particular FlexHead Assembly (e.g. 60" as shown in the image below).

Construction	
Reducer Vertical Offset	0' 2 27/128"
Reducer Vertical Offset Warning	
Flex Pipe Length	4' 4 163/256"
Actual Flex Pipe Length	4' 0 15/256"
Flex Pipe Length Warning	
24"	<input type="checkbox"/>
36"	<input type="checkbox"/>
48"	<input type="checkbox"/>
60"	<input checked="" type="checkbox"/>
72"	<input type="checkbox"/>
▼ Sprinkler Position	1
① Sprinkler Position Groove Right	<input checked="" type="checkbox"/>
② Sprinkler Position Groove Center	<input type="checkbox"/>
③ Sprinkler Position Groove Left	<input type="checkbox"/>
④ Sprinkler Position Hole	<input type="checkbox"/>
Bracket Size Selector	1.000000
Hub Type1 Selector	0' 1"



c. Navigate to "Model Number" located beneath the "Identity Data" tab in the Properties box. The Model Number will automatically be updated depending upon actual Flex Pipe length selected in the previous step, indicating the appropriate FlexHead Assembly to be selected and scheduled.

Identity Data	
Figure Number	20XXT-XX_BKT-MPO
Product Number	Contact ASC-ES Sales
Model Number	20XXT-60X1/2_BKT-MPO
Standards	Contact ASC-ES Sales
Product Group	Contact ASC-ES Sales
Image	
Comments	
Mark	20

For additional support and information, contact ASC-ES at BIM@asc-es.com