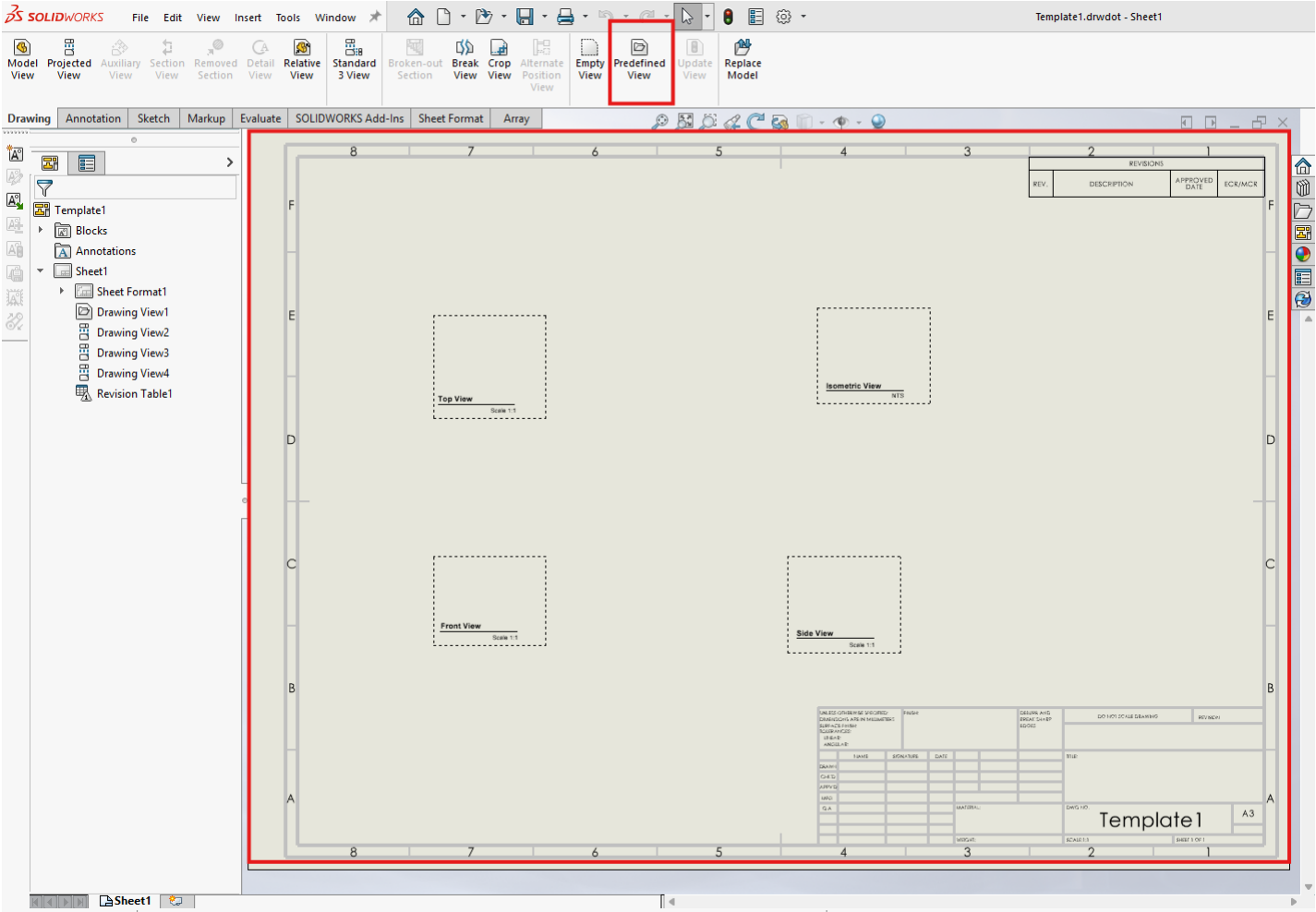


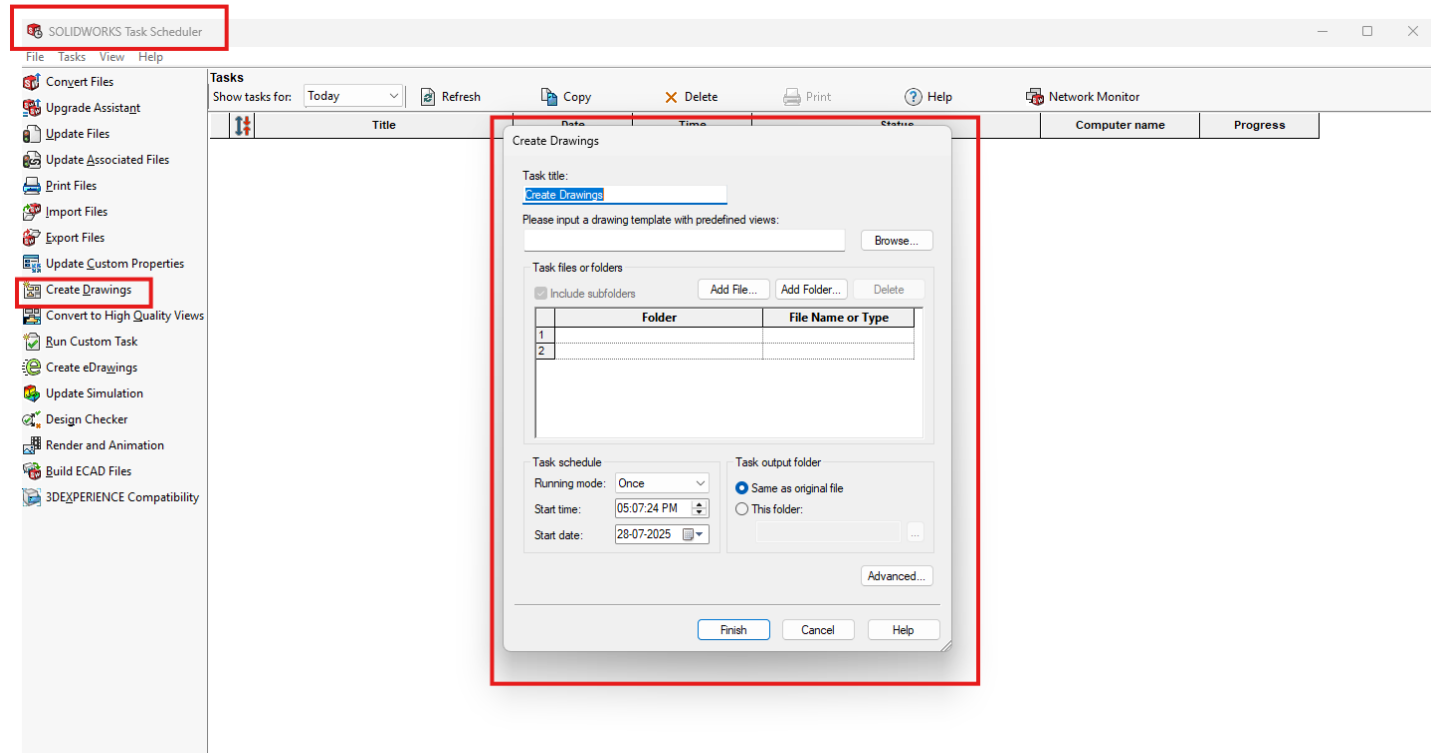


CONVERT 3D MODEL INTO 2D
DRAWING USING SOLIDWORKS
TASK SCHEDULER

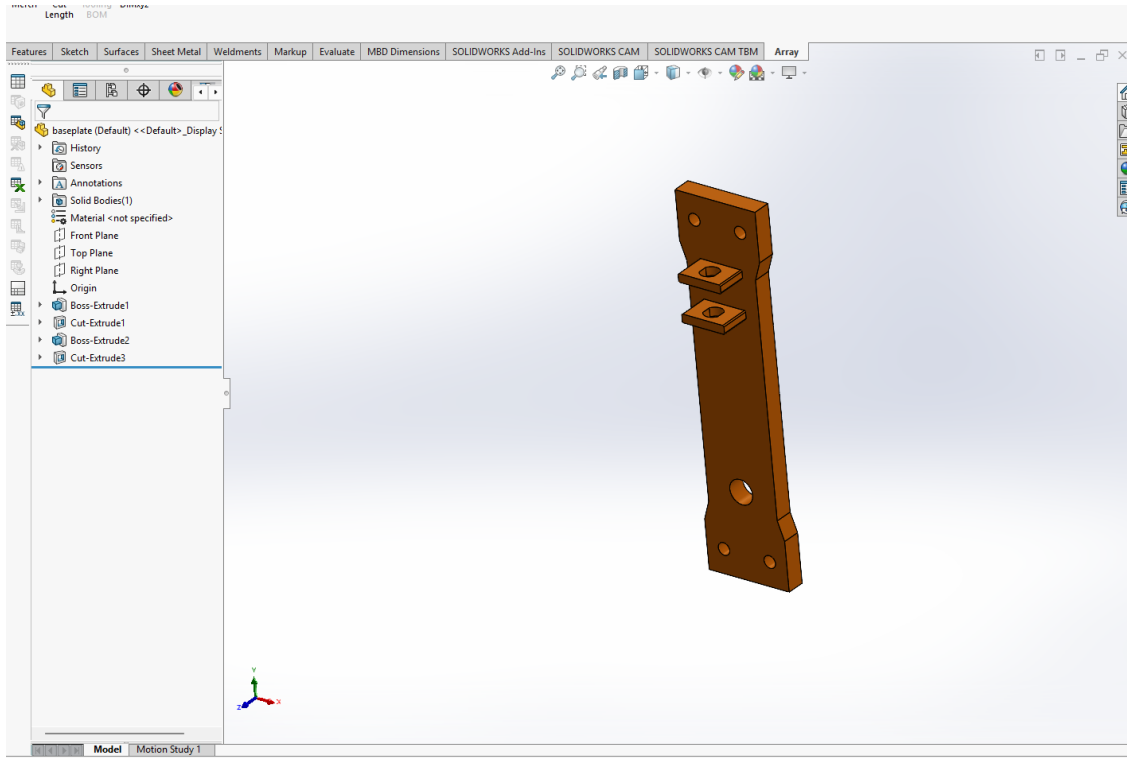
Create the template using the Drawing Template format (*.drwdot).









Open
SolidWorks
Task Scheduler
and create a
new task.



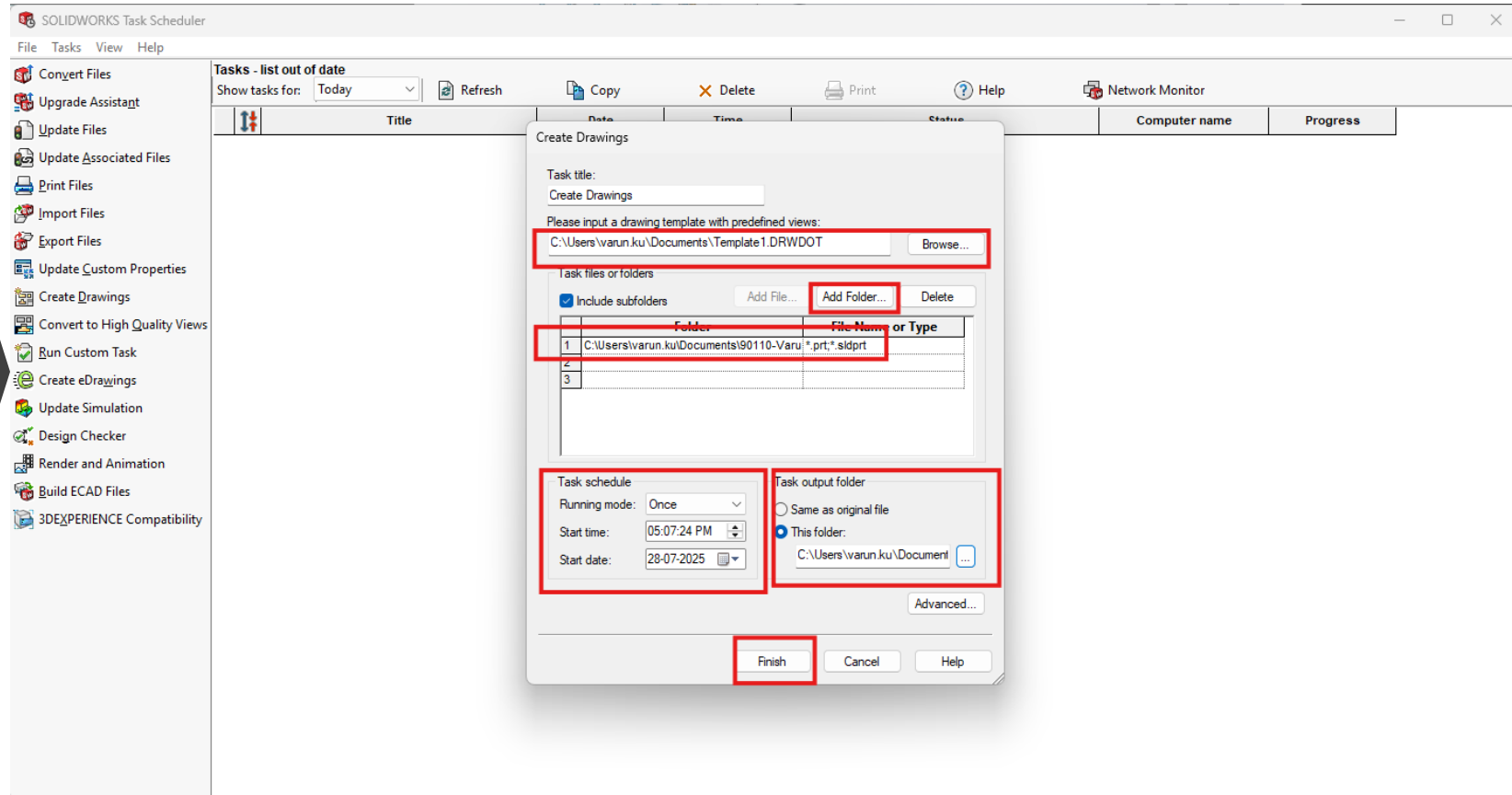
3D Model Files



A screenshot of a Windows File Explorer window. The address bar shows the path: Documents > 90110-Varun Kumar HN > Module 4 > Parts for assembly. The file list is displayed in a table format with columns for Name, Date modified, Type, and Size. A red rectangular box highlights the entire table content.

Name	Date modified	Type	Size
 baseplate	15-07-2025 04:32 AM	SLDPRT File	107 KB
 cam	15-07-2025 04:32 AM	SLDPRT File	67 KB
 follower	15-07-2025 04:32 AM	SLDPRT File	84 KB
 pin	15-07-2025 04:32 AM	SLDPRT File	67 KB
 spring	24-07-2025 09:18 PM	SLDPRT File	196 KB
 washer	15-07-2025 04:32 AM	SLDPRT File	97 KB

After adding the template location and the 3D model folder location or one by one file location, set the start time and click the Finish button.



After the task is created, it runs at the scheduled time and completes successfully. The duration may be longer if the parts are large.

SOLIDWORKS Task Scheduler

File Tasks View Help

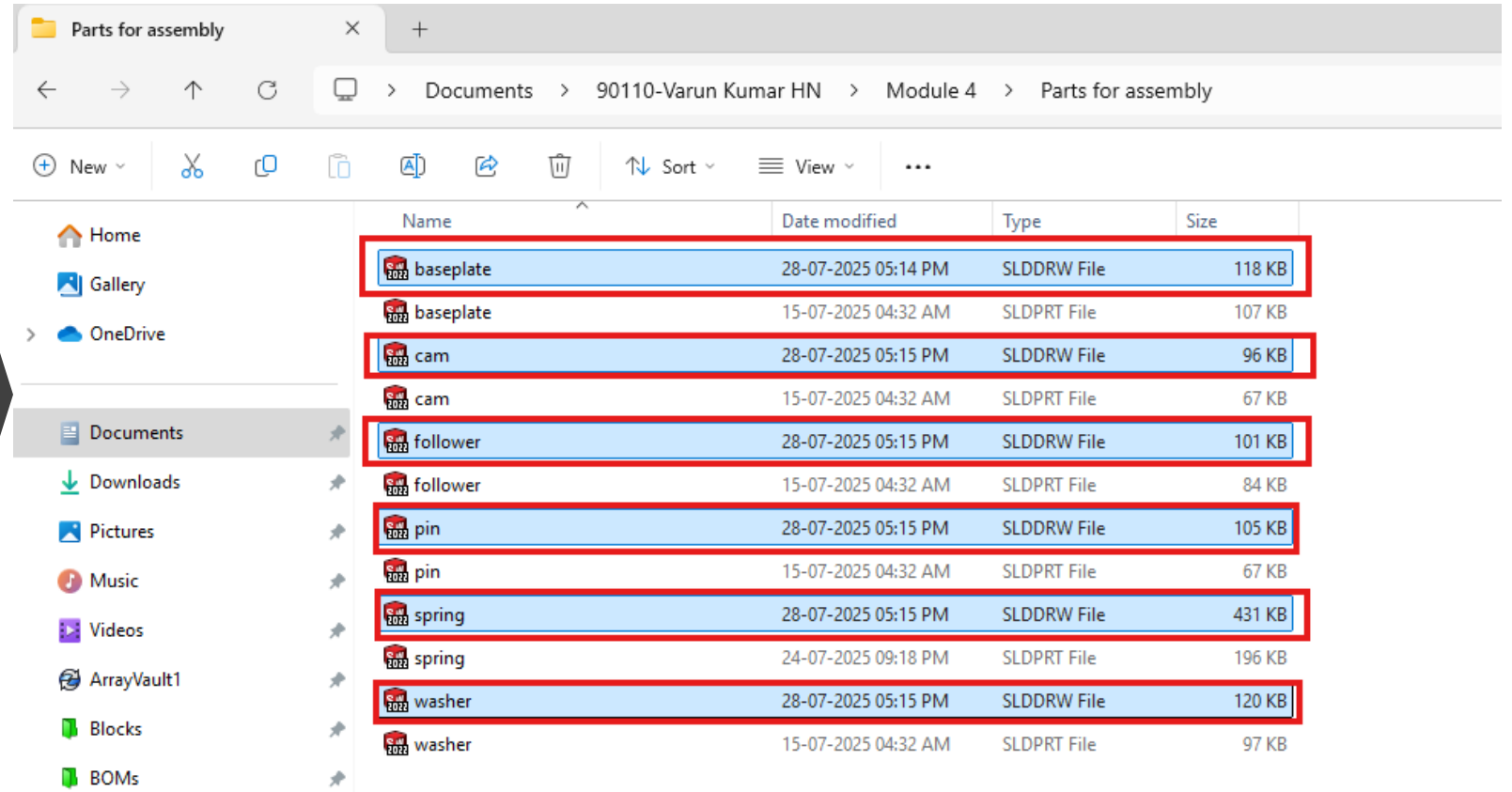
Convert Files
Upgrade Assistant
Update Files
Update Associated Files
Print Files
Import Files
Export Files
Update Custom Properties
Create Drawings
Convert to High Quality Views
Run Custom Task
Create eDrawings
Update Simulation
Design Checker
Render and Animation
Build ECAD Files
3DEXPERIENCE Compatibility

tasks

Show tasks for: Today Refresh Copy Delete Print Help Network Monitor

	Title	Date	Time	Status	Computer name	Progress
1	Create Drawings	28-07-2025	05:07:24 PM	Completed - Subtasks Generated		0 of 6
2	Subtask 1 of 6 - create drawing for file Ibaseplate	28-07-2025	05:07:24 PM	Completed		
3	Subtask 2 of 6 - create drawing for file Icam.SLD	28-07-2025	05:07:24 PM	Completed		
4	Subtask 3 of 6 - create drawing for file Ifollower.	28-07-2025	05:07:24 PM	Completed		
5	Subtask 4 of 6 - create drawing for file Ipin.SLDP	28-07-2025	05:07:24 PM	Completed		
6	Subtask 5 of 6 - create drawing for file Ispring.SL	28-07-2025	05:07:24 PM	Completed		
7	Subtask 6 of 6 - create drawing for file Iwasher.S	28-07-2025	05:07:24 PM	Completed		

The given output
is shown in the
folder.



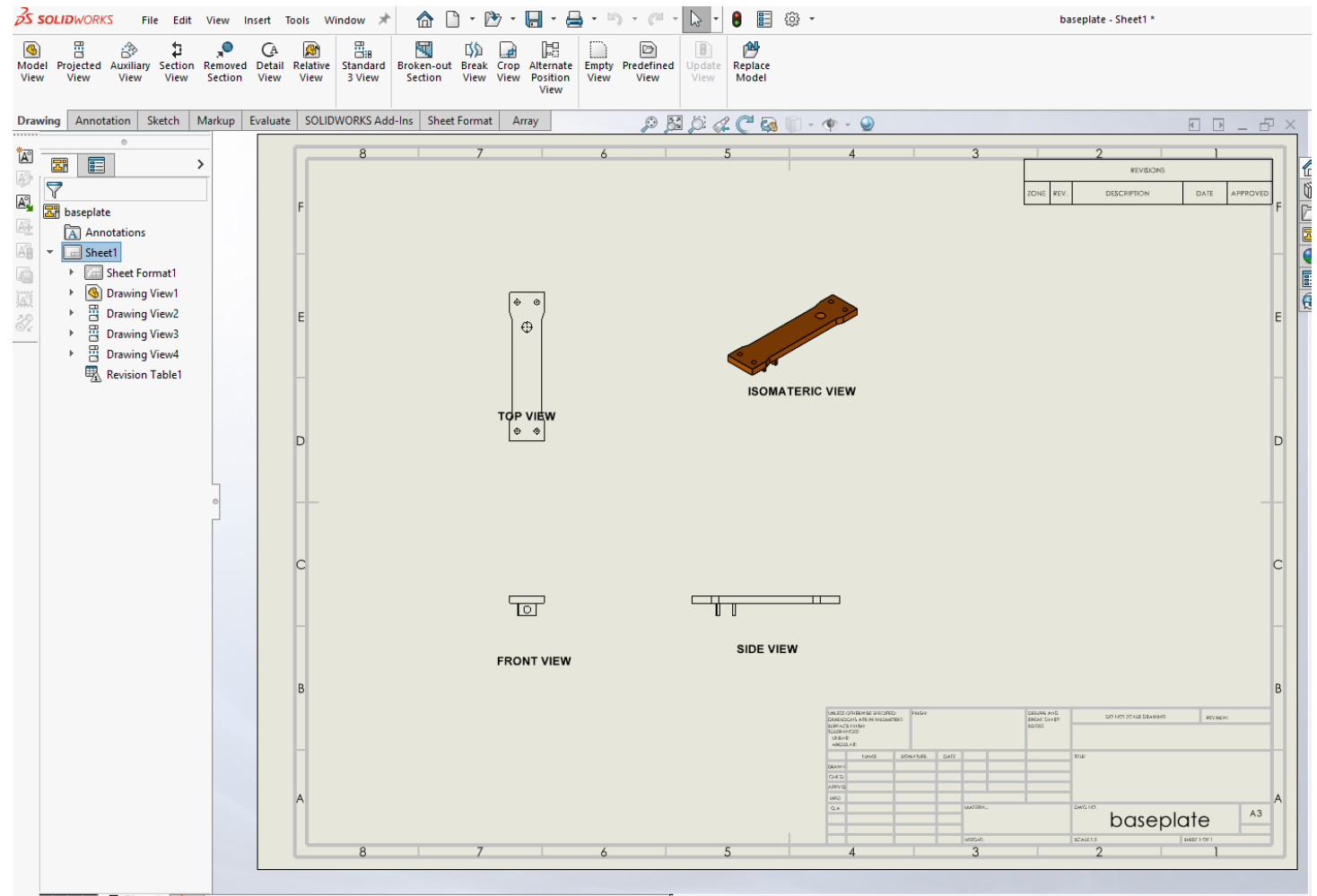
Parts for assembly

Documents > 90110-Varun Kumar HN > Module 4 > Parts for assembly

Name	Date modified	Type	Size
baseplate	28-07-2025 05:14 PM	SLDDRW File	118 KB
baseplate	15-07-2025 04:32 AM	SLDPRT File	107 KB
cam	28-07-2025 05:15 PM	SLDDRW File	96 KB
cam	15-07-2025 04:32 AM	SLDPRT File	67 KB
follower	28-07-2025 05:15 PM	SLDDRW File	101 KB
follower	15-07-2025 04:32 AM	SLDPRT File	84 KB
pin	28-07-2025 05:15 PM	SLDDRW File	105 KB
pin	15-07-2025 04:32 AM	SLDPRT File	67 KB
spring	28-07-2025 05:15 PM	SLDDRW File	431 KB
spring	24-07-2025 09:18 PM	SLDPRT File	196 KB
washer	28-07-2025 05:15 PM	SLDDRW File	120 KB
washer	15-07-2025 04:32 AM	SLDPRT File	97 KB

Final output

- When the drawing file 'whatever' is added to the template, it appears like this.
- This step is also used to convert drawings into PDF and other formats.



Note: This automation is used to schedule drawing creation so it can be done, without being physically present on the shop floor.