

Screenshot of Fusion 360 software interface showing a 3D model of a nose component.

The top menu bar includes: File, 3D Model, Sketch, Inspect, Tools, Annotate, Manage, View, Environments, Collaborate, Fusion 360, Search Help & Commands..., Sign In, and various tool icons.

The left sidebar displays the Model tree, listing features like Sketch4, Extrusion5, Work Plane2, Mirror1, Sketch6, Extrusion6, Extrusion7, FaceDraft1, Extrusion8, Extrusion9, Work Plane3, Revolution1, Rectangular Pattern, Sketch10, Extrusion10, Extrusion11, Extrusion12, Extrusion13, Extrusion14, Extrusion15, Extrusion16, Extrusion17, Fillet1, Fillet2, Rectangular Pattern, Extrusion18, Extrusion19, Work Plane4, Revolution2, Rectangular Pattern, and Extrusion20.

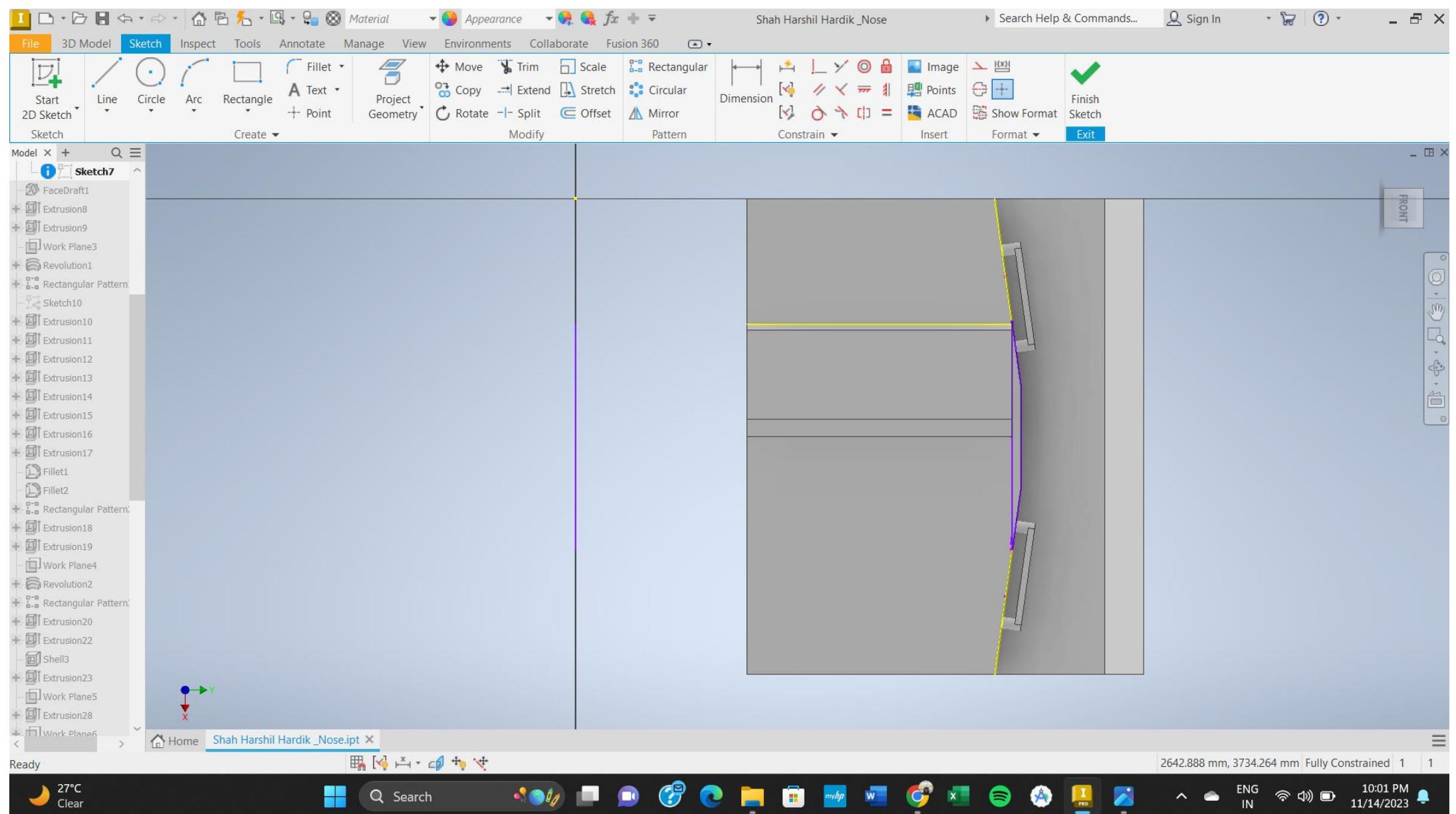
The main workspace shows a 3D view of a nose component. A callout arrow indicates a dimension of 50 mm for a specific feature.

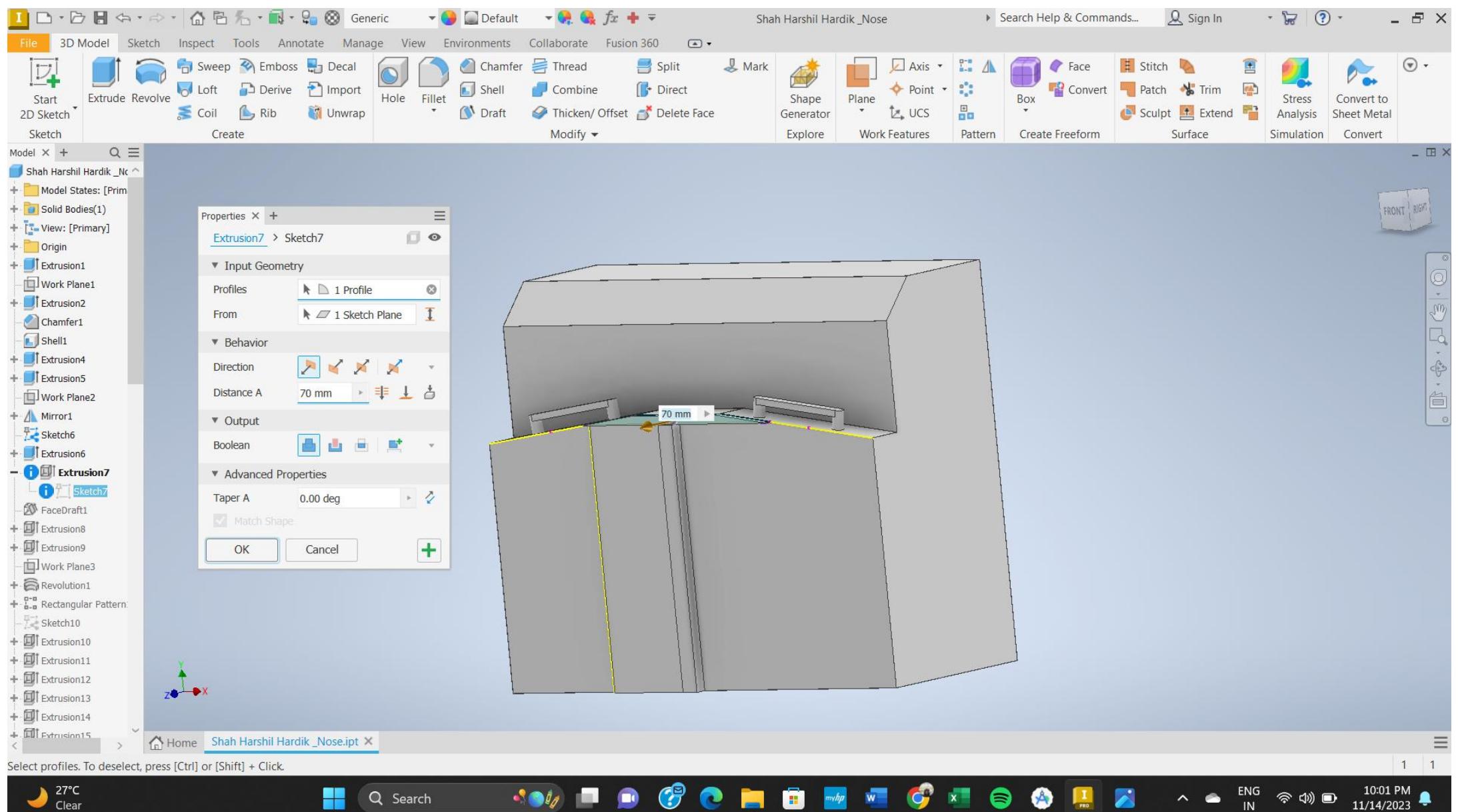
The Properties panel (Extrusion5 > Sketch5) shows the following settings:

- Input Geometry:** Profiles: 5 Profiles, From: 1 Sketch Plane
- Behavior:** Direction: Up, Distance A: 50 mm
- Output:** Boolean: Union
- Advanced Properties:** Taper A: 0.00 deg, Match Shape: checked

Buttons at the bottom of the Properties panel include OK, Cancel, and a green plus icon.

The bottom taskbar includes: Home, Shah Harshil Hardik_Nose.ipm, Select profiles. To deselect, press [Ctrl] or [Shift] + Click, 27°C Clear, Search, File Explorer, Task View, Microsoft Edge, File Explorer, Microsoft Word, Microsoft Excel, Spotify, Autodesk AutoCAD, Autodesk Inventor, Autodesk Fusion 360, 100:00 PM IN, ENG IN, and 11/14/2023.





Select profiles. To deselect, press [Ctrl] or [Shift] + Click.



27°C

Clear



Search

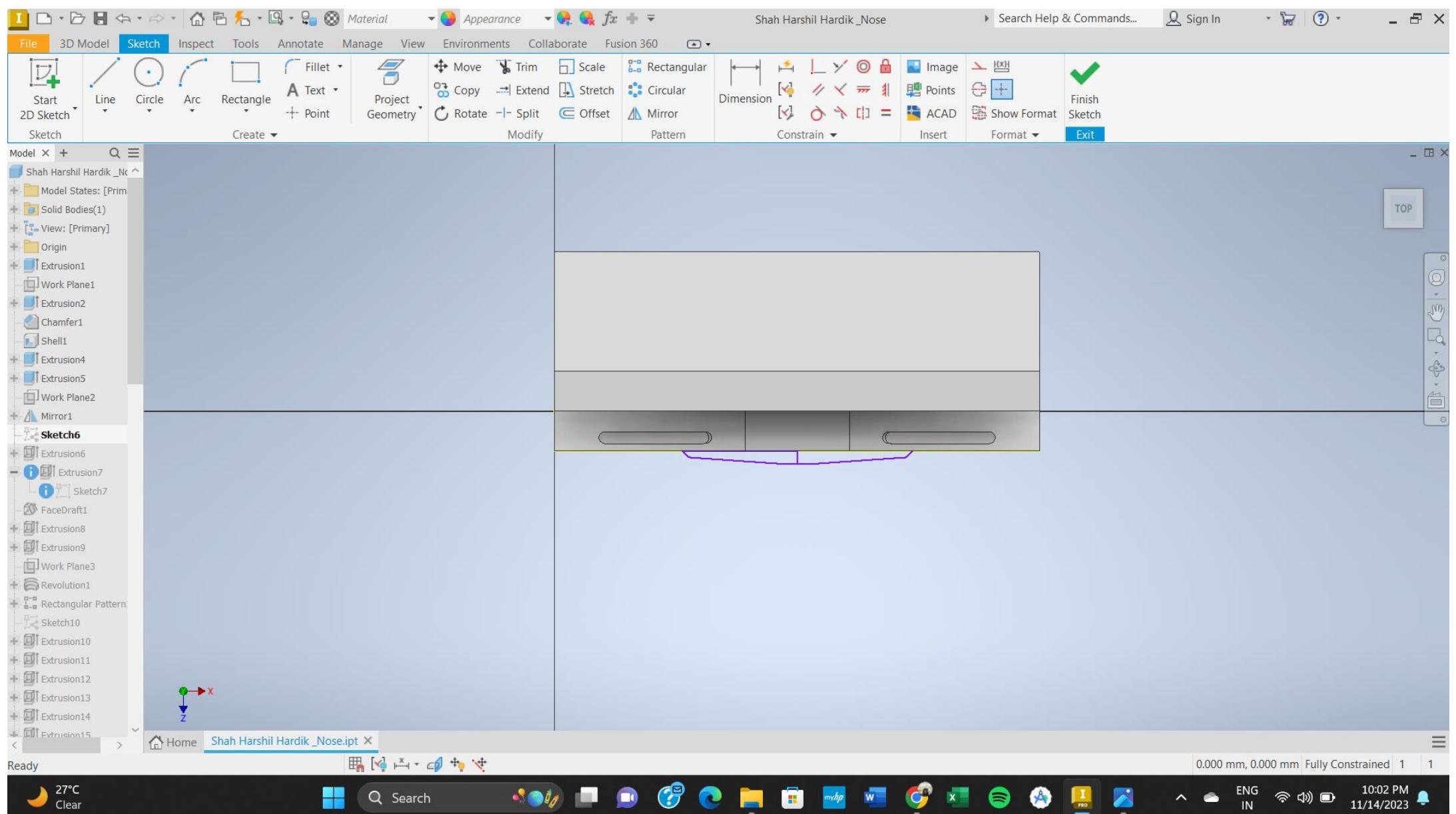


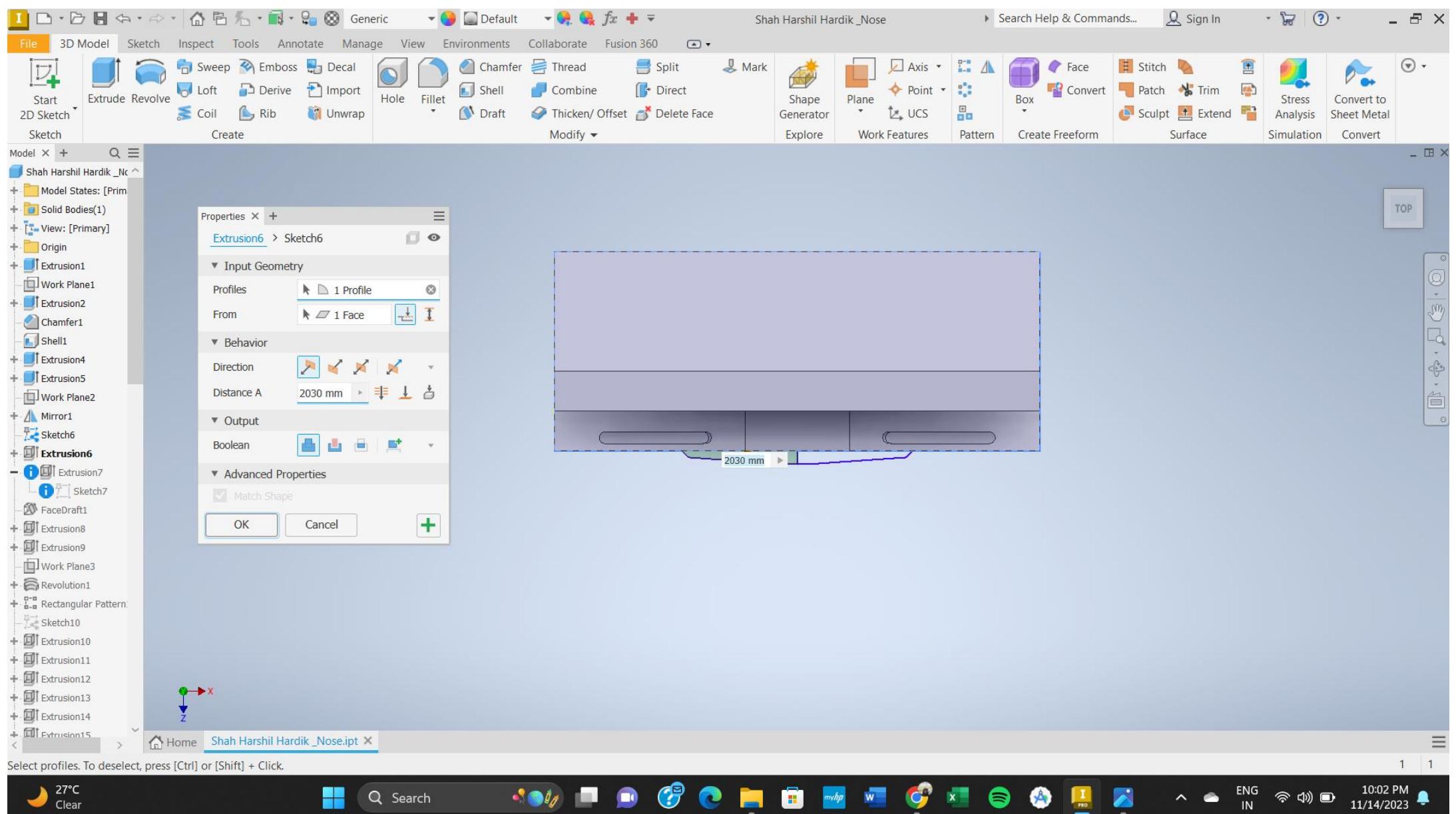
ENG
IN

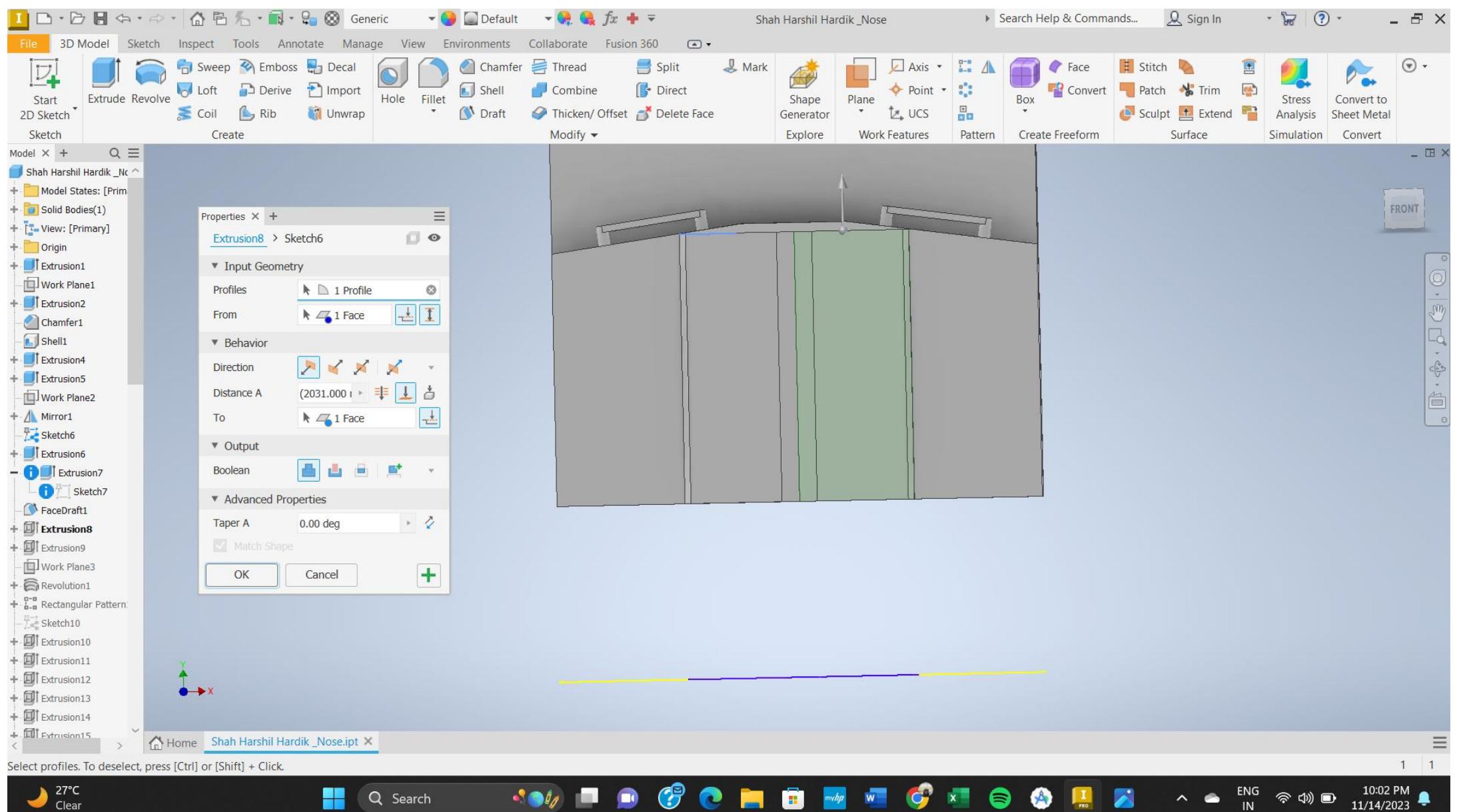


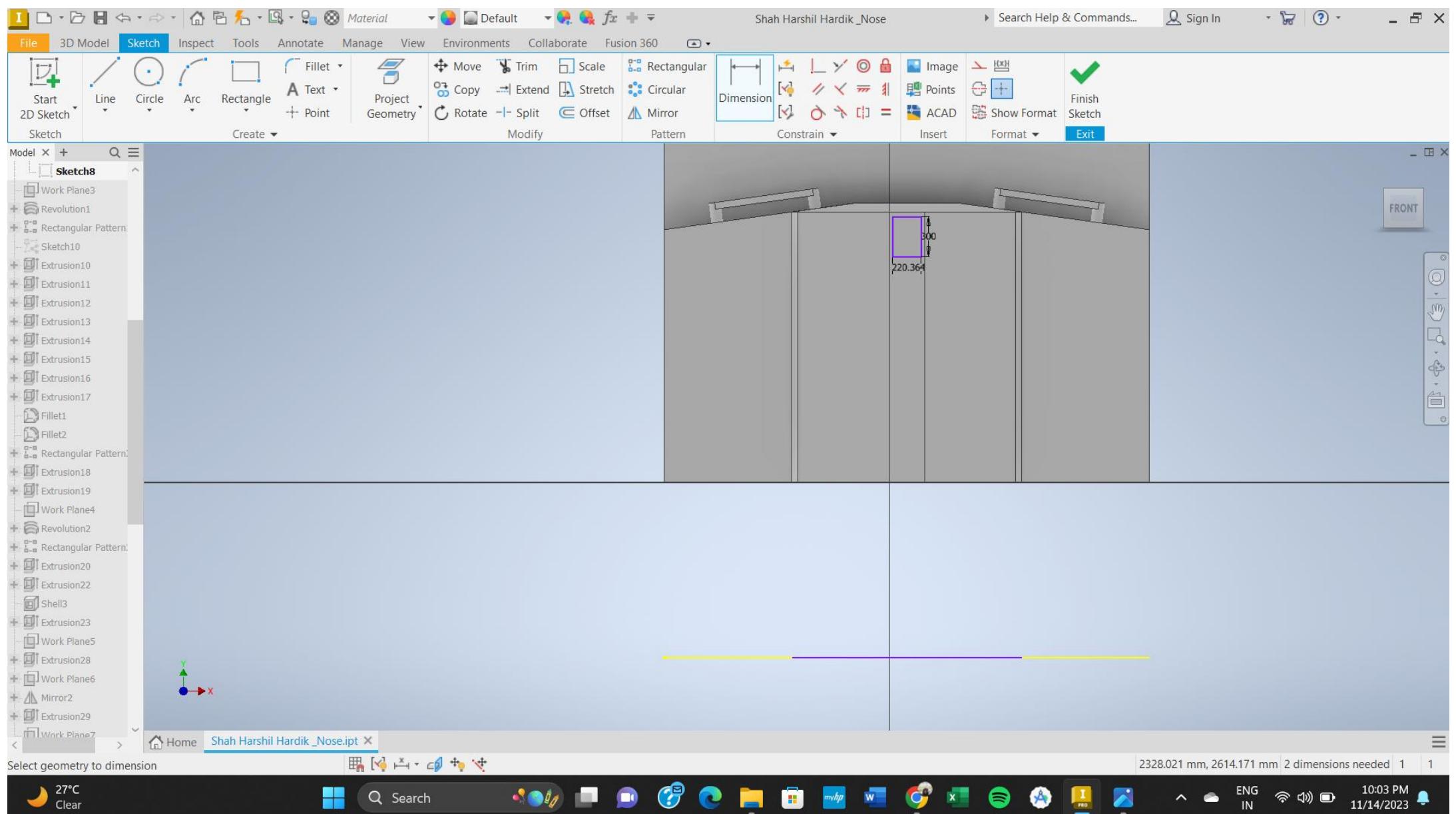
10:01 PM

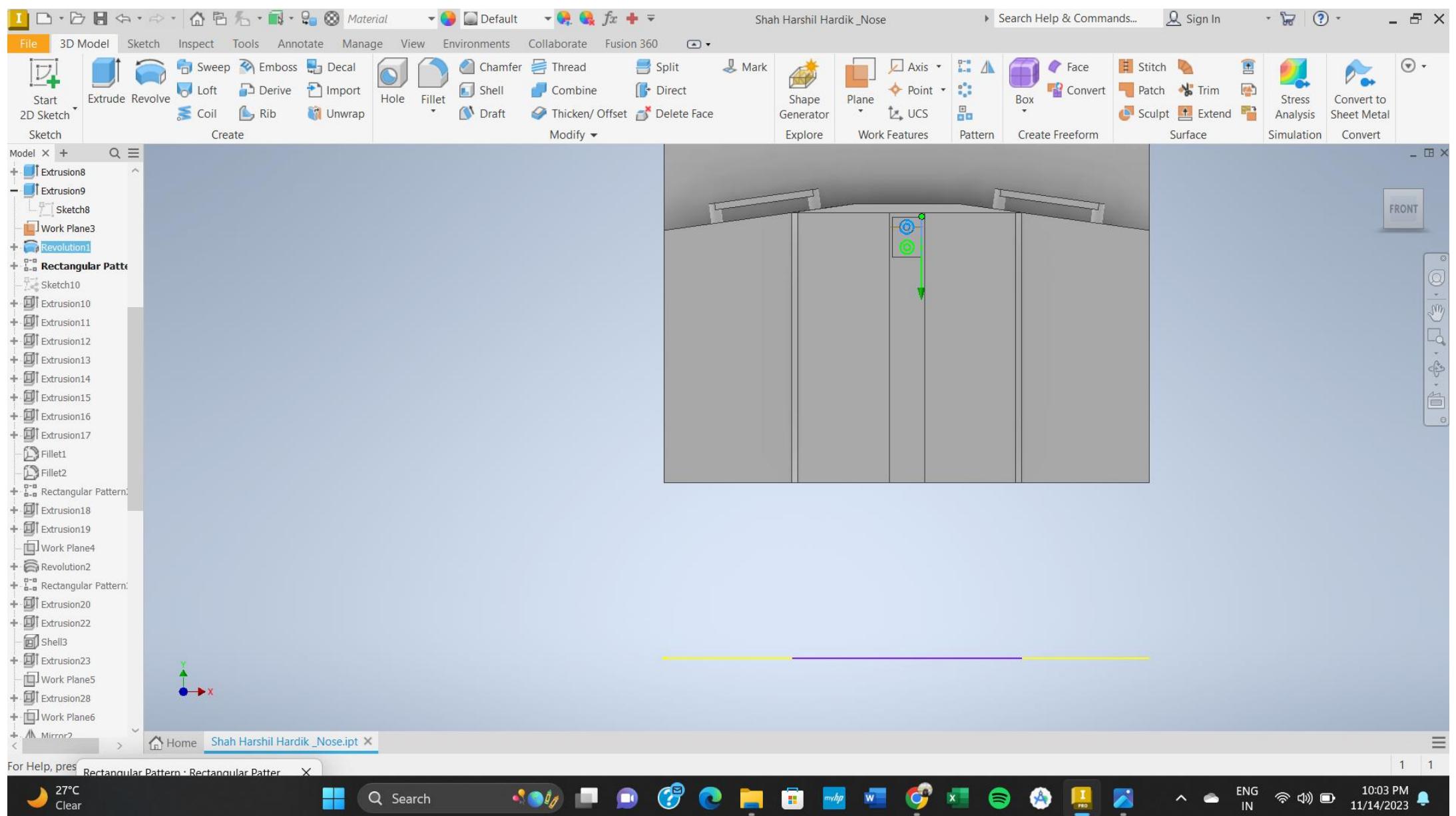
11/14/2023











Fusion 360 interface showing a model of a nose component.

The top menu bar includes: File, 3D Model, Sketch, Inspect, Tools, Annotate, Manage, View, Environments, Collaborate, Fusion 360, Search Help & Commands..., Sign In, and various icons for navigation and settings.

The toolbar below the menu bar contains icons for: Start, 2D Sketch, Sketch, Extrude, Revolve, Loft, Coil, Shell, Hole, Chamfer, Thread, Split, Mark, Shape Generator, Plane, Axis, Point, Direct, Combine, Draft, Thicken/ Offset, Delete Face, Explore, Work Features, Pattern, Create Freeform, Box, Face, Stitch, Patch, Trim, Sculpt, Extend, Surface, Stress Analysis, Simulation, and Convert.

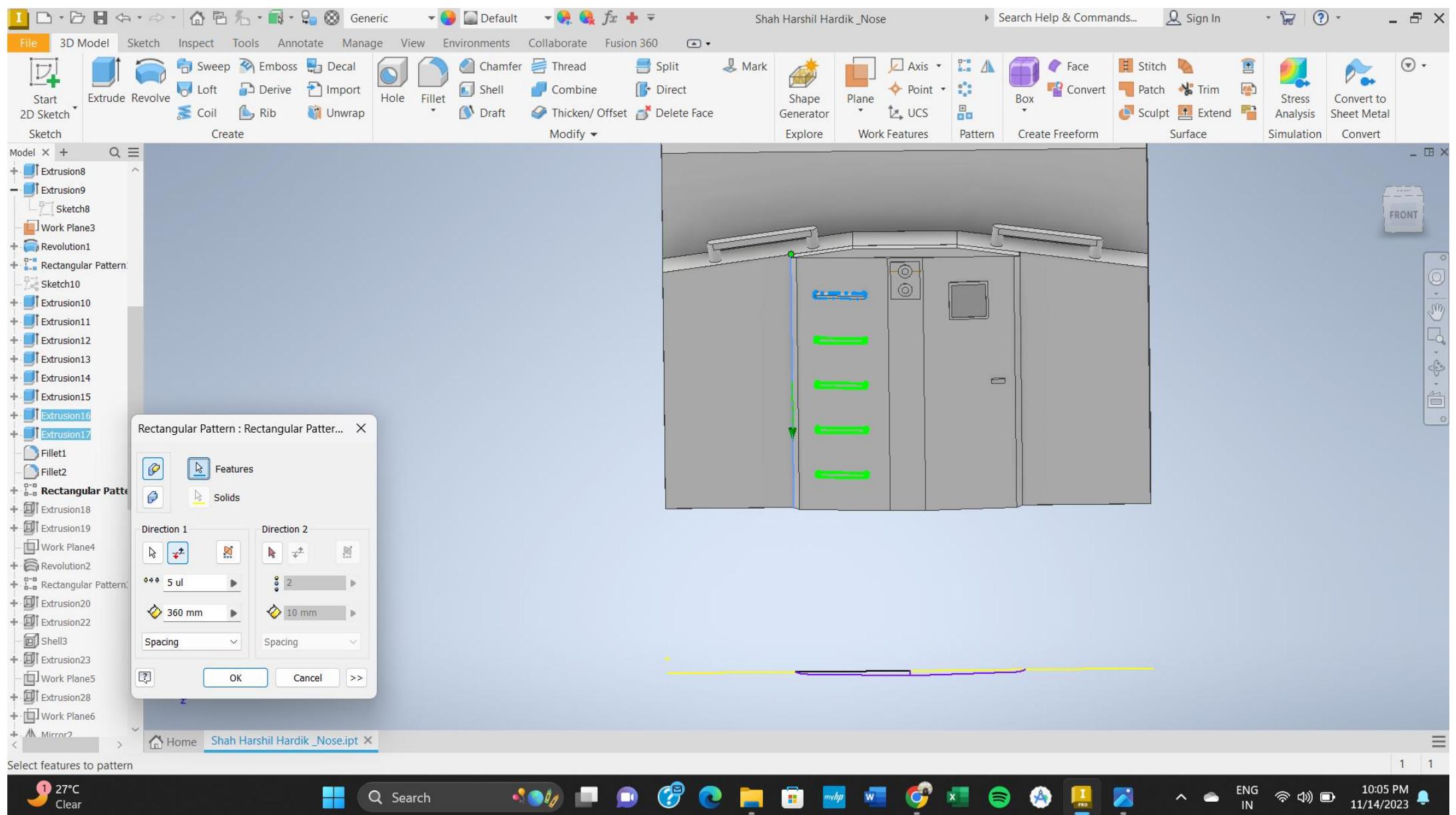
The left sidebar displays the Model tree, showing the hierarchy of features: Extrusion8, Extrusion9, Sketch8, Work Plane3, Revolution1, Rectangular Pattern, Sketch10, Extrusion10, Extrusion11, Extrusion12, Extrusion13, Extrusion14, Extrusion15, Extrusion16, Extrusion17 (selected), Fillet1, Fillet2, Rectangular Pattern, Extrusion18, Extrusion19, Work Plane4, Revolution2, Rectangular Pattern, Extrusion20, Extrusion22, Shell3, Extrusion23, Work Plane5, Extrusion28, Work Plane6, Mirror2.

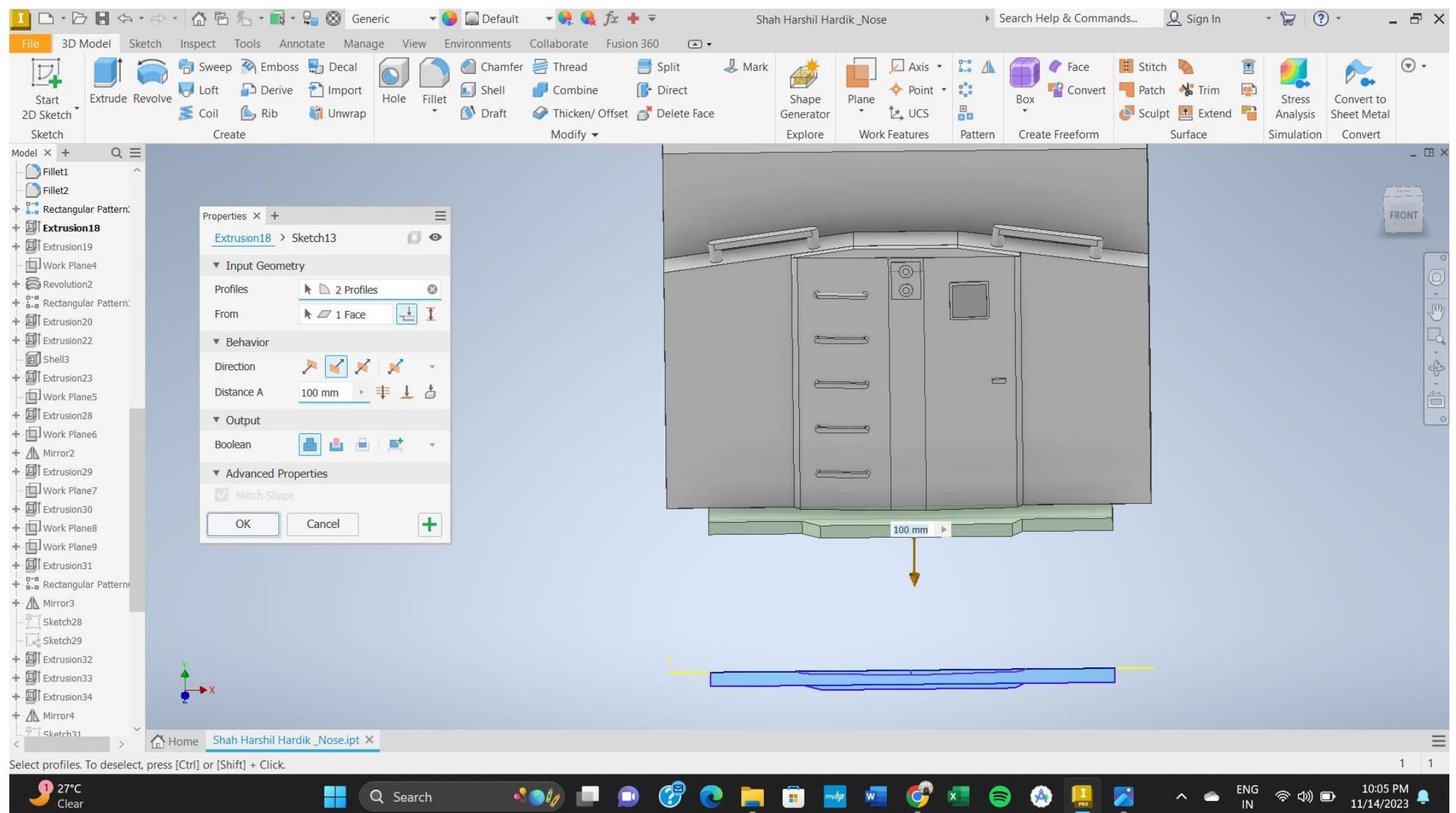
The main workspace shows a 3D view of the model, which appears to be a nose component with various features like holes, a rib, and a handle. A dimension of "30 mm" is highlighted with a callout.

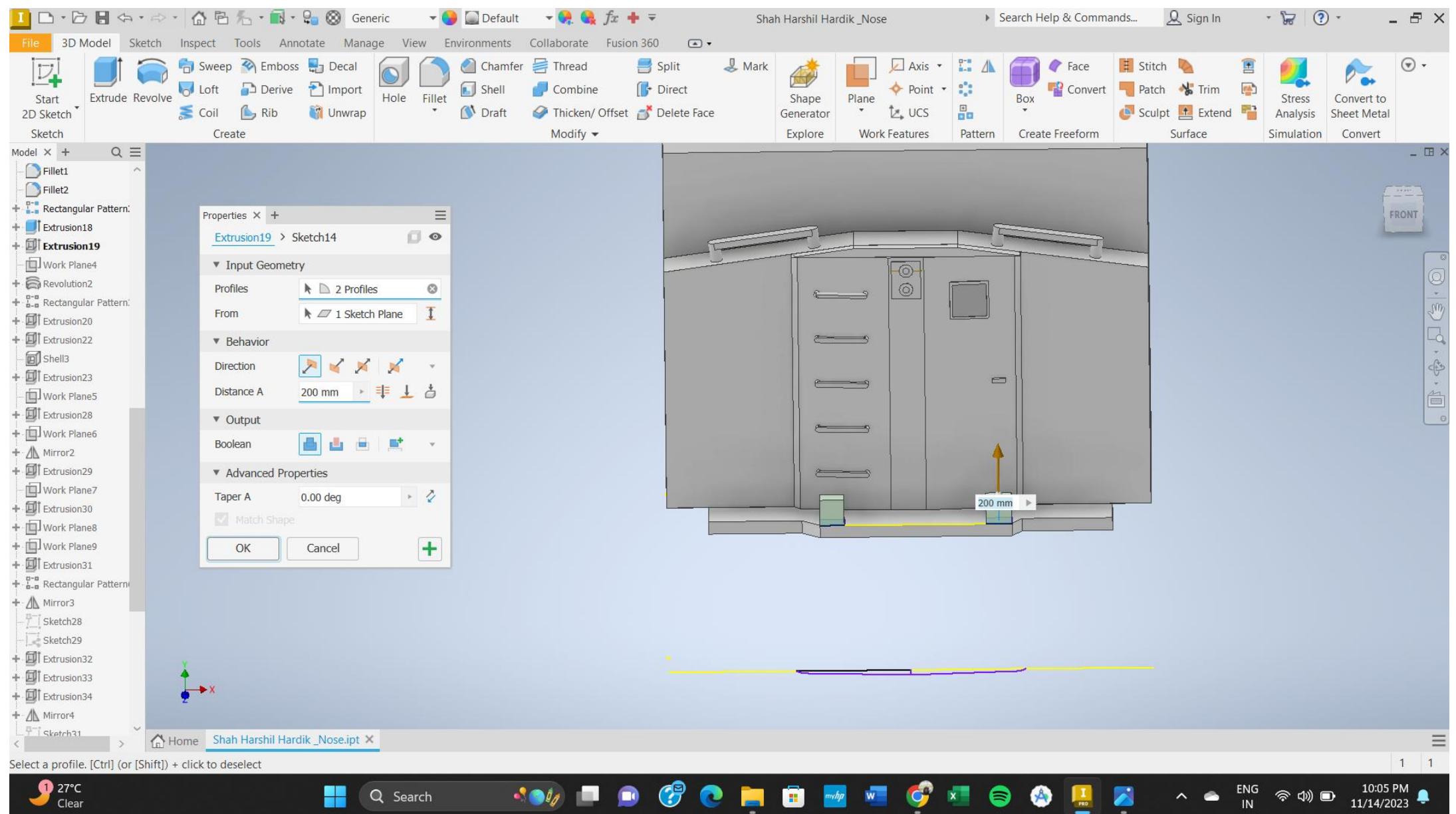
The Properties panel for Extrusion17 shows the following settings:

- Input Geometry:** Profiles: 5 Profiles, From: 1 Sketch Plane.
- Behavior:** Direction: Up, Distance A: 30 mm.
- Output:** Boolean: Union.
- Advanced Properties:** Taper A: 0.00 deg, Match Shape: checked.

At the bottom of the screen, the taskbar shows the file name "Shah Harshil Hardik_Nose.ippt", system status (27°C, Clear), and a row of application icons including Search, Mail, Calendar, File Explorer, Microsoft Edge, Spotify, Word, Excel, and others.







Fusion 360 interface showing a 3D model of a nose component.

The top ribbon menu includes: File, 3D Model, Sketch, Inspect, Tools, Annotate, Manage, View, Environments, Collaborate, Fusion 360, Search Help & Commands..., Sign In, and various tool icons for operations like Extrude, Loft, Sweep, Chamfer, Thread, Split, etc.

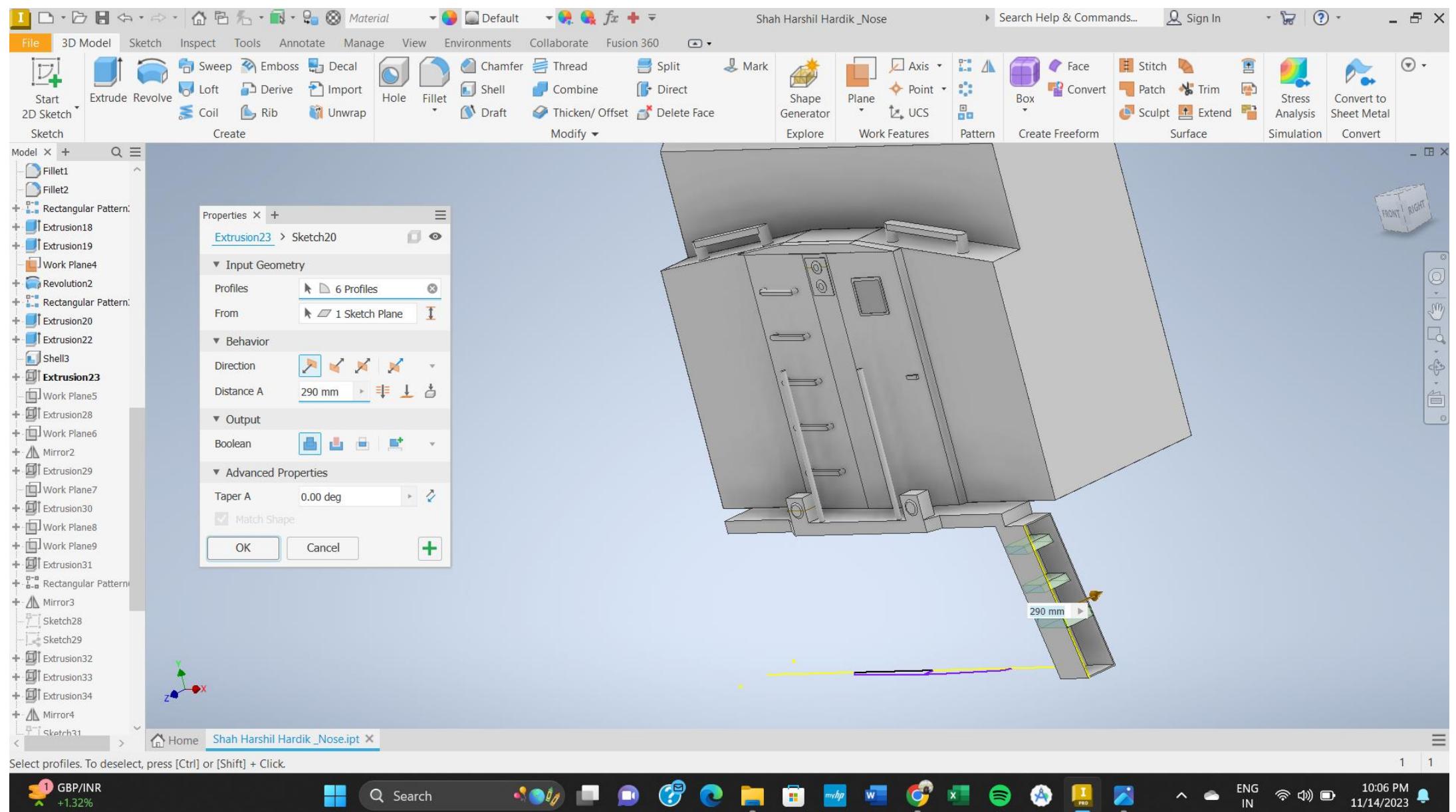
The left sidebar displays the Model tree, showing the hierarchy of parts and features:

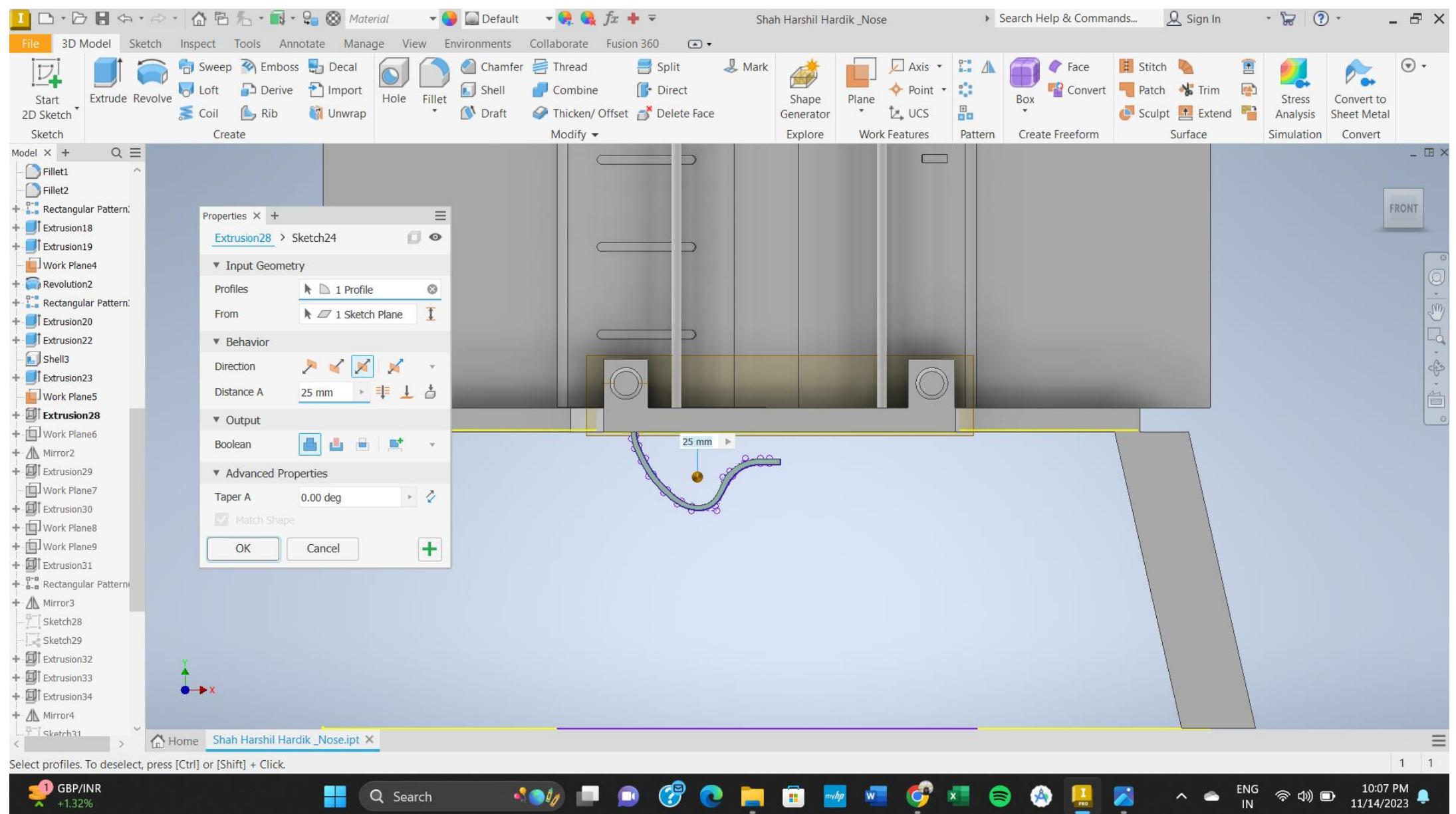
- Fillet1
- Fillet2
- Rectangular Pattern: Extrusion18
- Extrusion19
- Work Plane4
- Revolution2
- Rectangular Pattern: Extrusion20
- Extrusion22
- Shell3
- Extrusion23
- Work Plane5
- Extrusion28
- Work Plane6
- Mirror2
- Extrusion29
- Work Plane7
- Extrusion30
- Work Plane8
- Work Plane9
- Extrusion31
- Rectangular Pattern: Mirror3
- Sketch28
- Sketch29
- Extrusion32
- Extrusion33
- Extrusion34
- Mirror4
- Sketch31

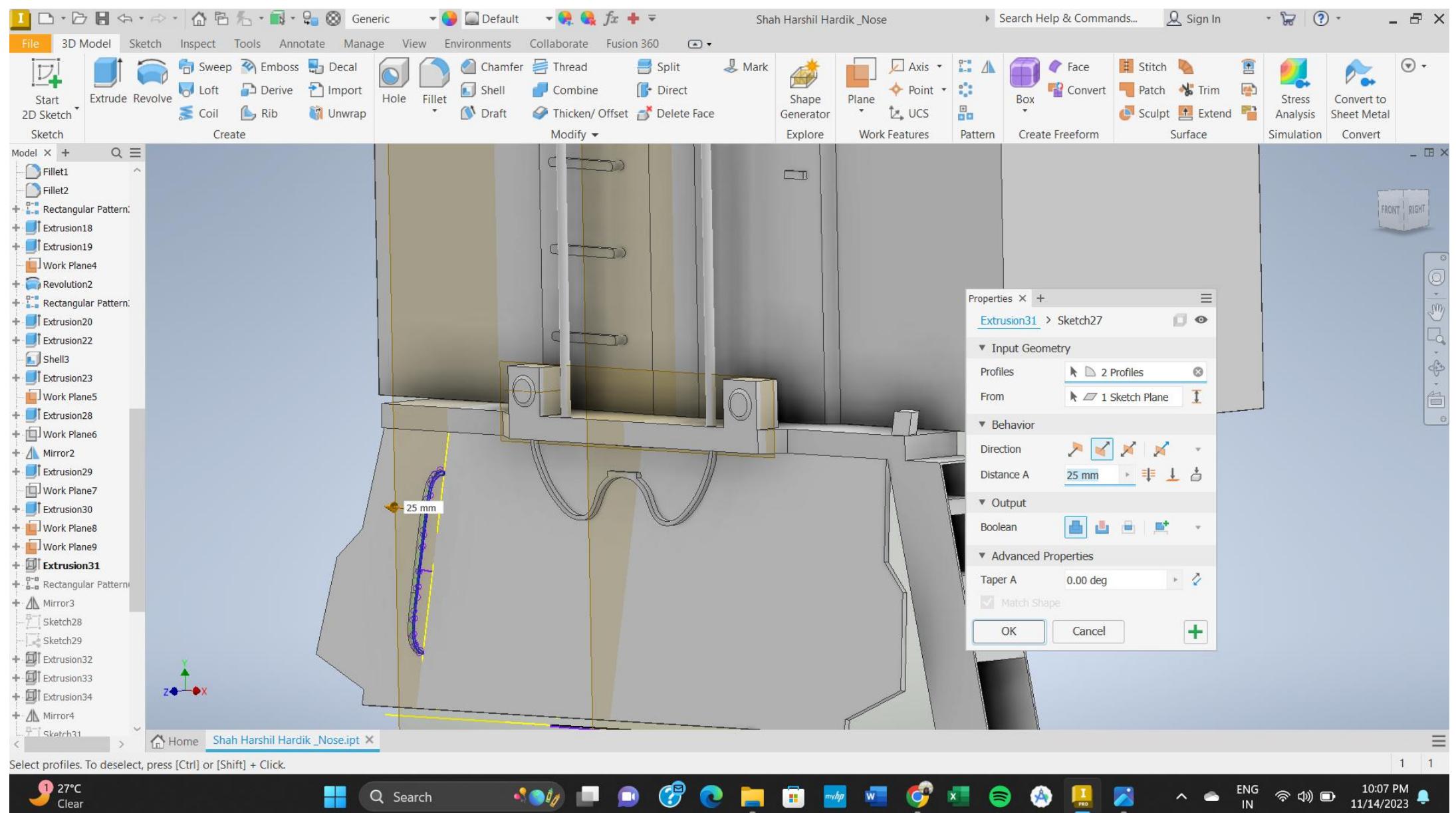
The main workspace shows a 3D model of a nose component. A callout indicates a distance of 300 mm from a vertical edge to a horizontal plane. The Properties panel for "Extrusion22 > Sketch19" is open, showing the following settings:

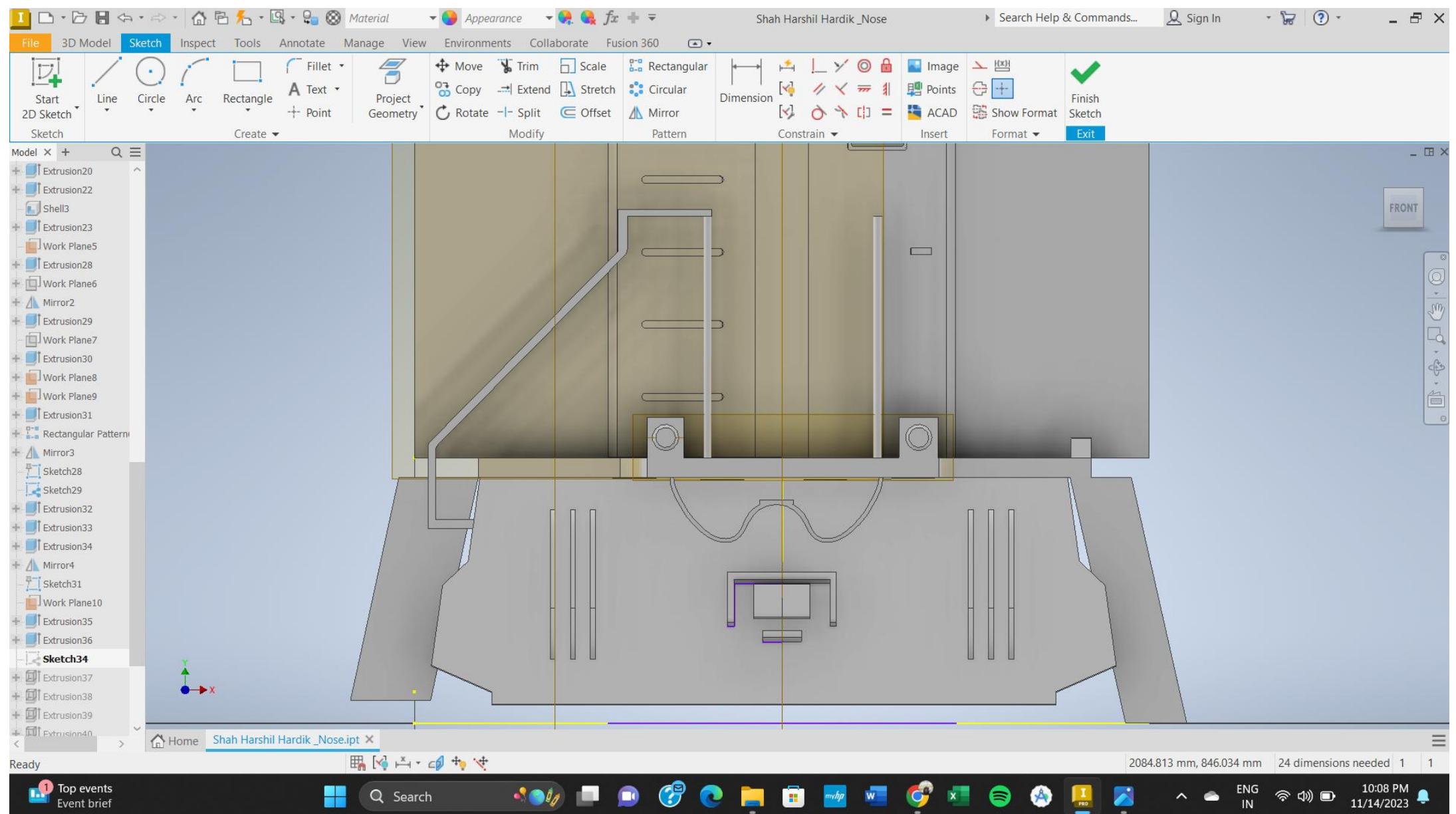
- Input Geometry: 1 Profile, 1 Sketch Plane
- Behavior: Direction (Up), Distance A: 300 mm
- Output: Boolean
- Advanced Properties: Taper A: 0.00 deg, Match Shape checked

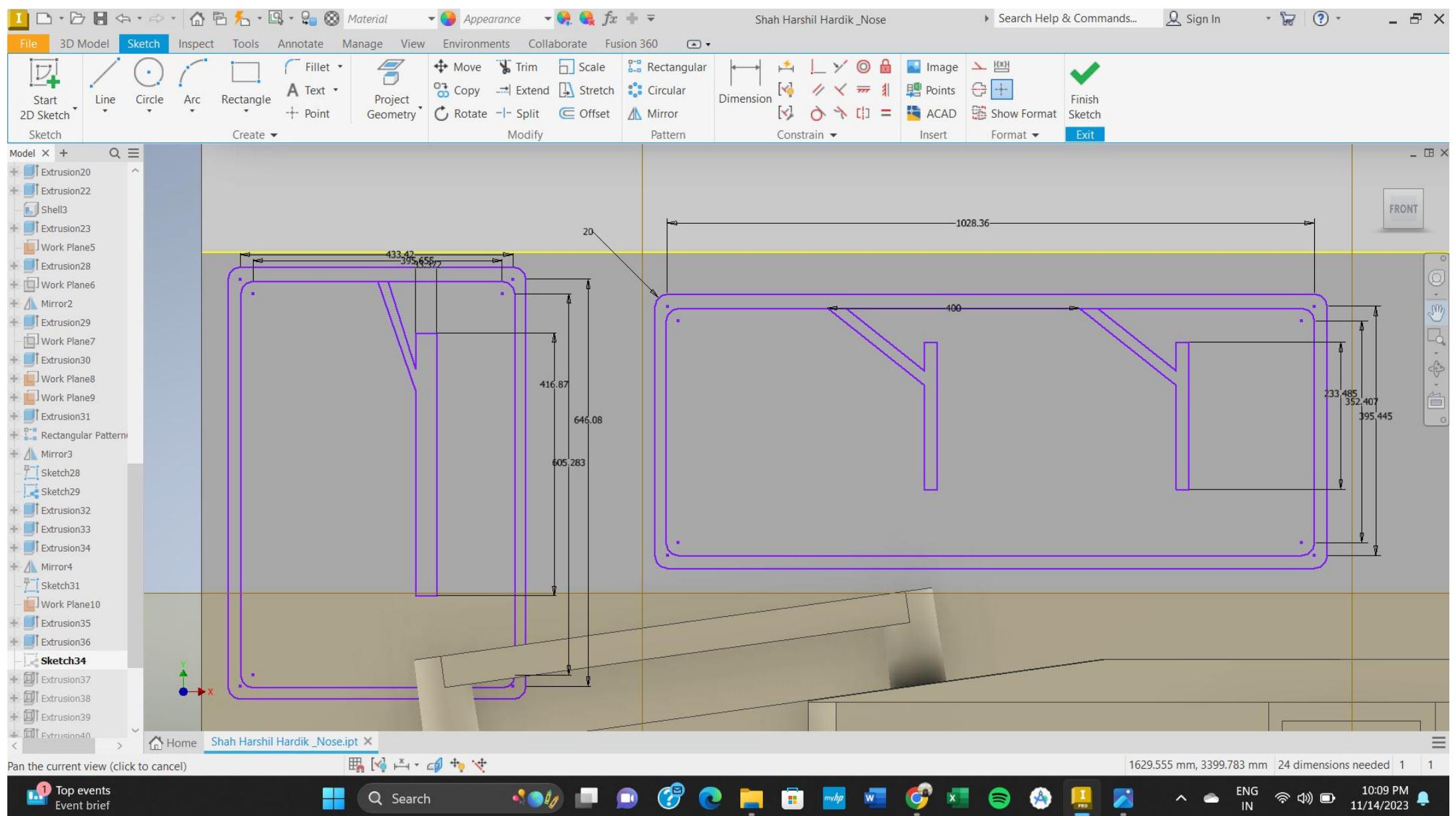
The bottom taskbar includes icons for Home, Search, File Explorer, Task View, Microsoft Edge, File Explorer, Word, Excel, Spotify, Adobe Acrobat, and others, along with system status indicators for battery, signal, and date/time (10:06 PM, 11/14/2023).

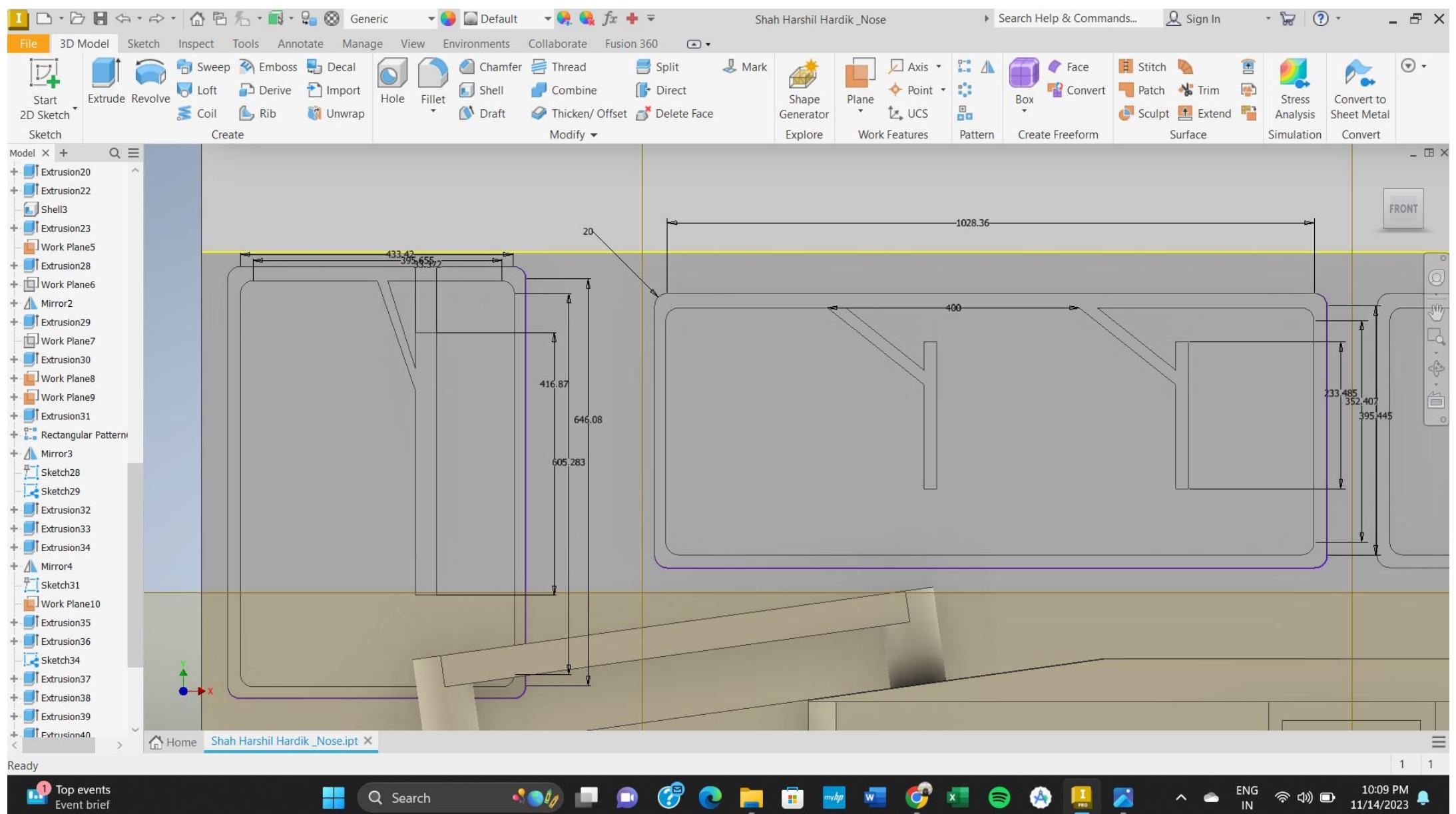












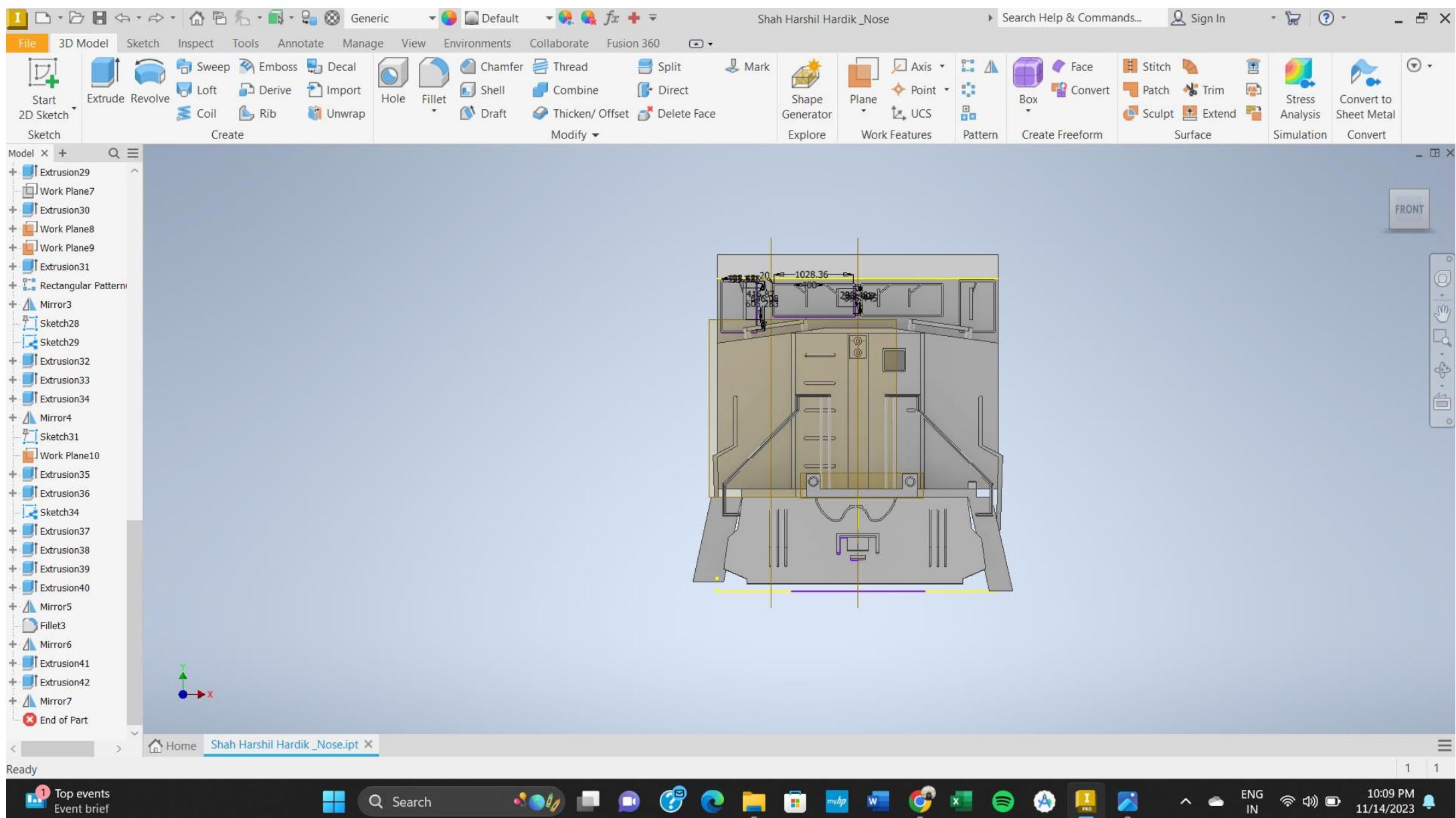
Fusion 360 interface showing a 3D model of a mechanical part named "Shah Harshil Hardik_Nose".

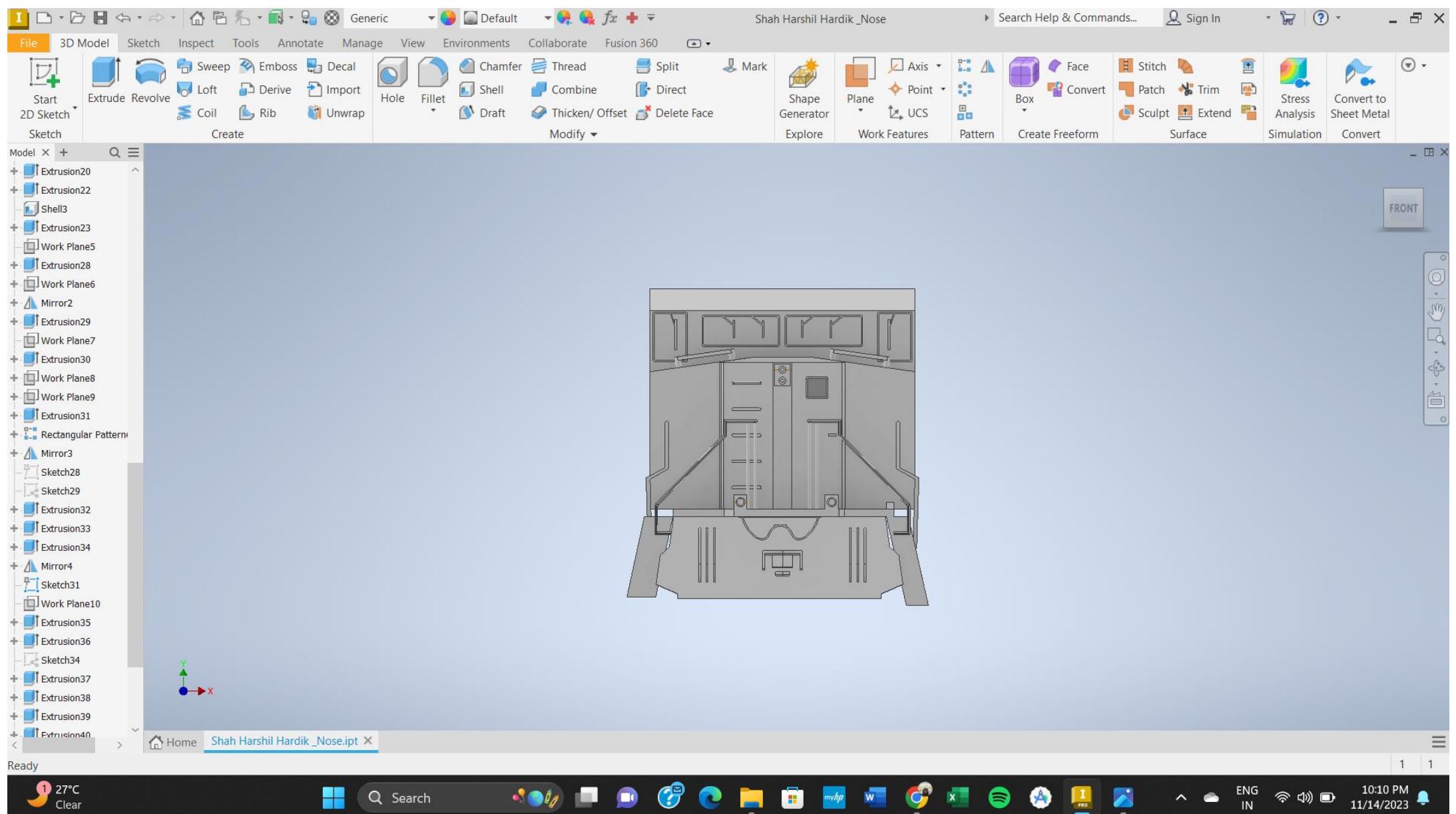
The top menu bar includes: File, 3D Model, Sketch, Inspect, Tools, Annotate, Manage, View, Environments, Collaborate, Fusion 360, Search Help & Commands..., Sign In, and various icons for account, notifications, and system.

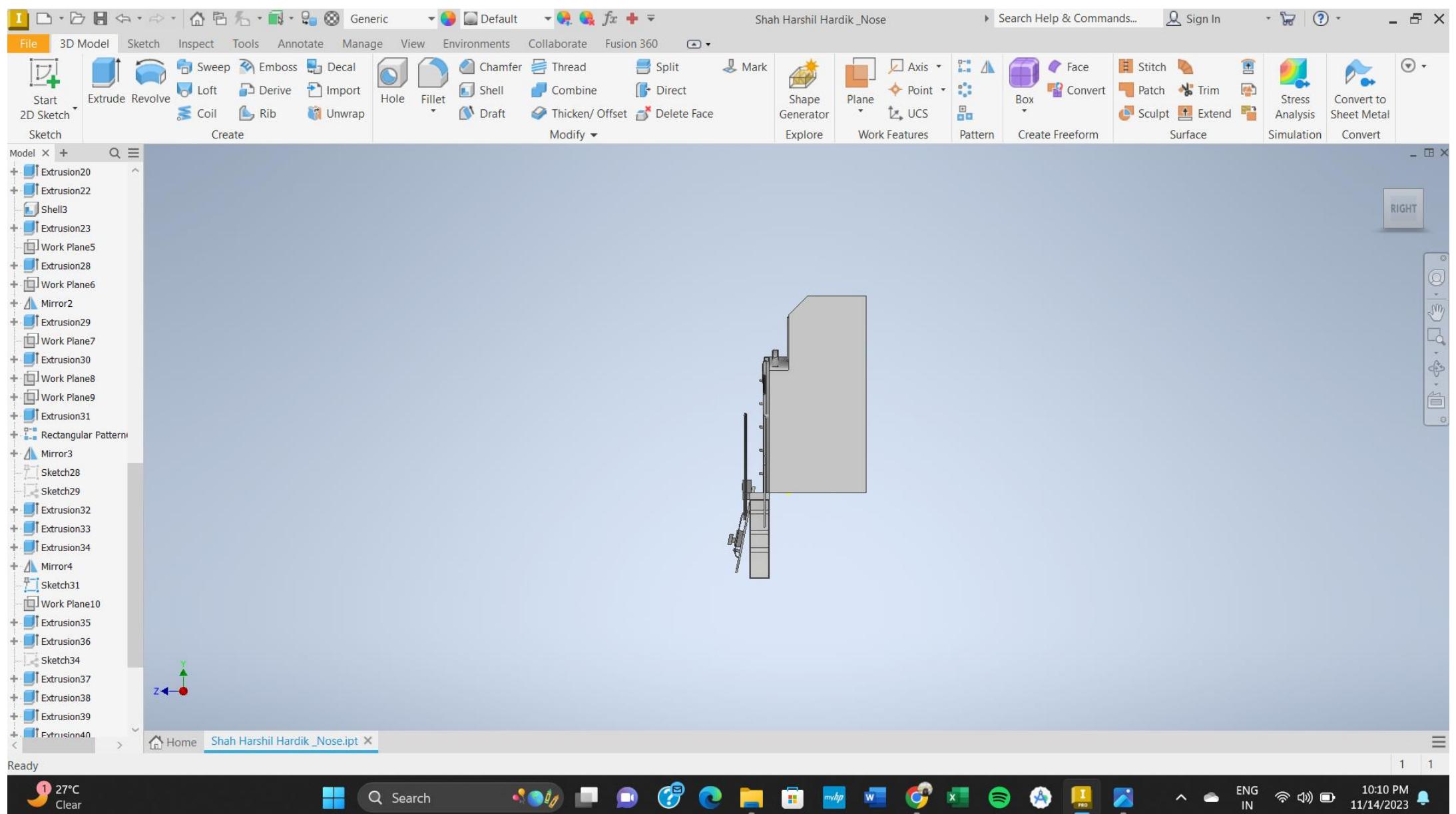
The toolbar below the menu contains icons for Start, 2D Sketch, Sketch, Extrude, Revolve, Loft, Coil, Shell, Draft, Sweep, Emboss, Decal, Fillet, Chamfer, Thread, Split, Mark, Shape Generator, Plane, Axis, Point, UCS, Work Features, Pattern, Box, Face, Stitch, Patch, Sculpt, Trim, Extend, Surface, Stress Analysis, and Convert.

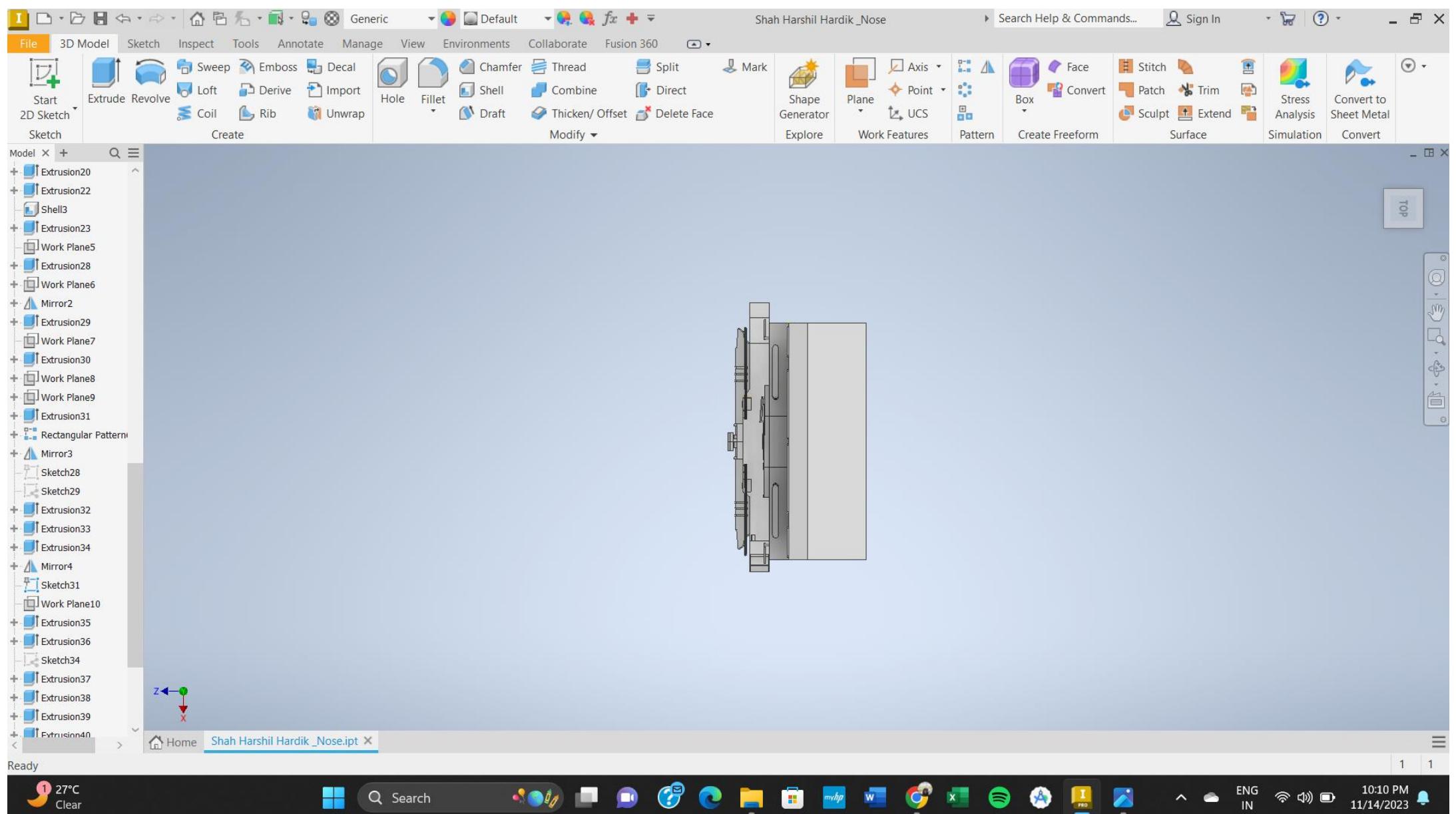
The left sidebar displays the Model tree, listing numerous features such as Extrusion29, Work Plane7, Extrusion30, Work Plane8, Work Plane9, Extrusion31, Rectangular Pattern, Mirror3, Sketch28, Sketch29, Extrusion32, Extrusion33, Extrusion34, Mirror4, Sketch31, Work Plane10, Extrusion35, Extrusion36, Sketch34, Extrusion37, Extrusion38, Extrusion39, Extrusion40, Mirror5, Fillet3, Mirror6, Extrusion41, Extrusion42, Mirror7, and End of Part.

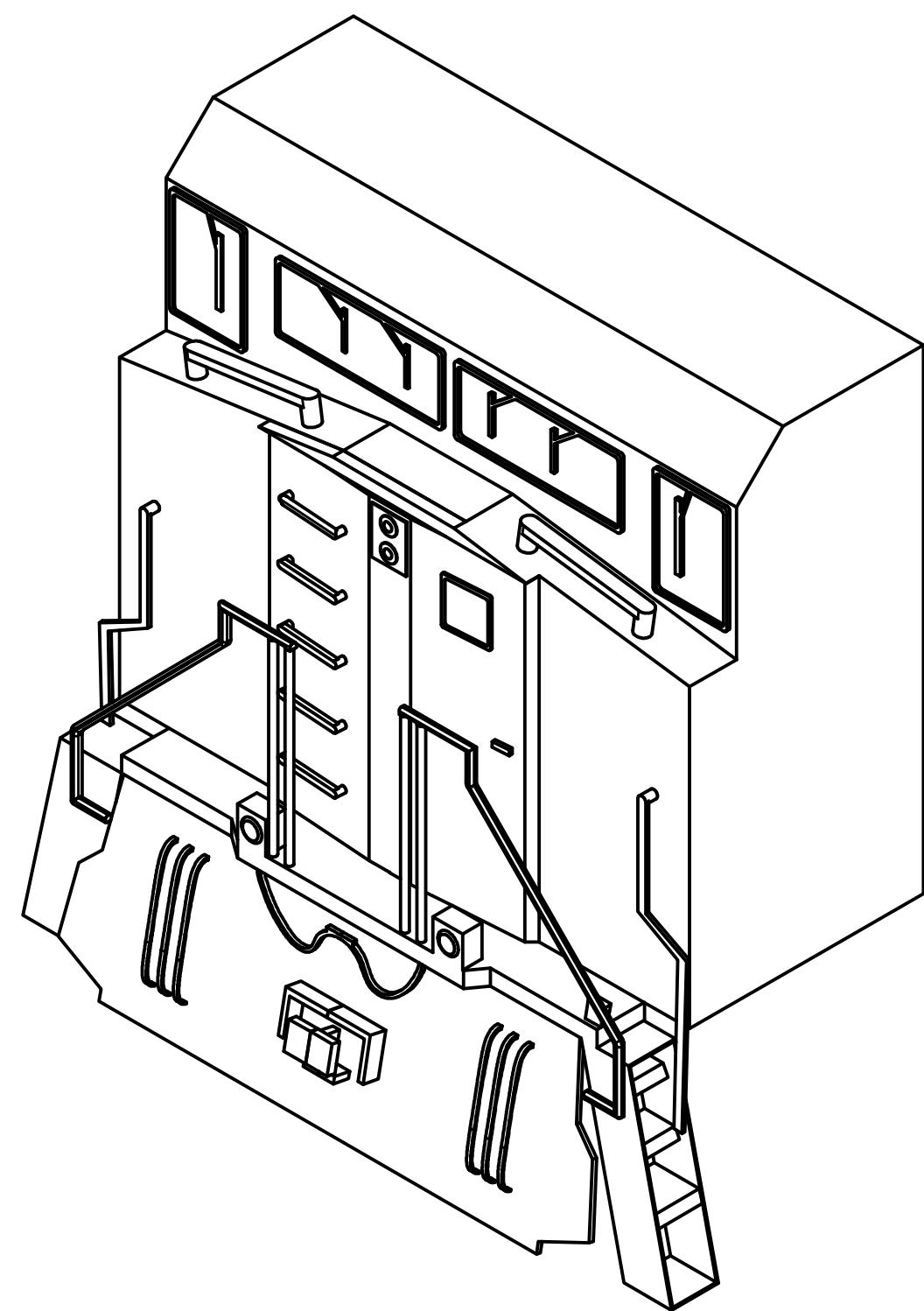
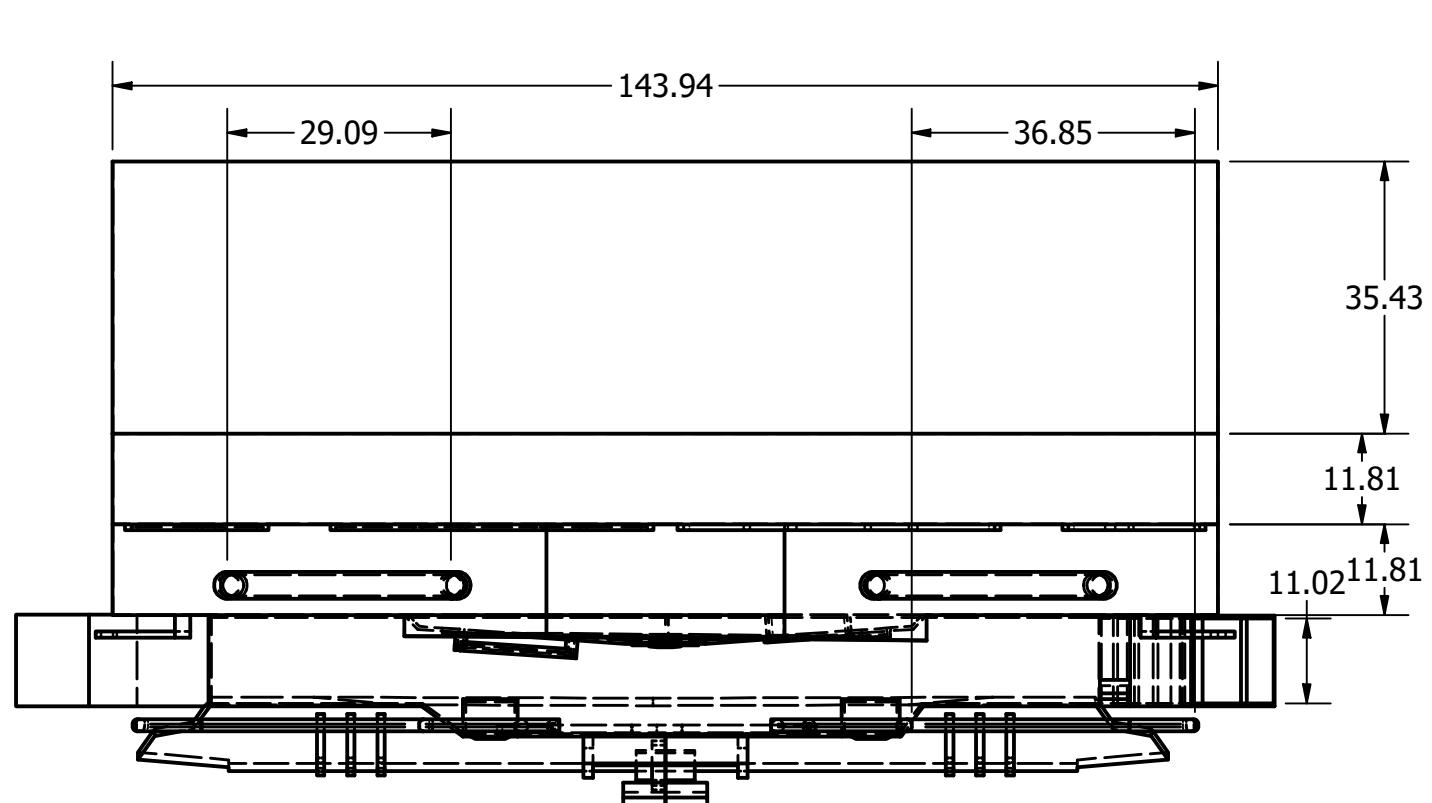
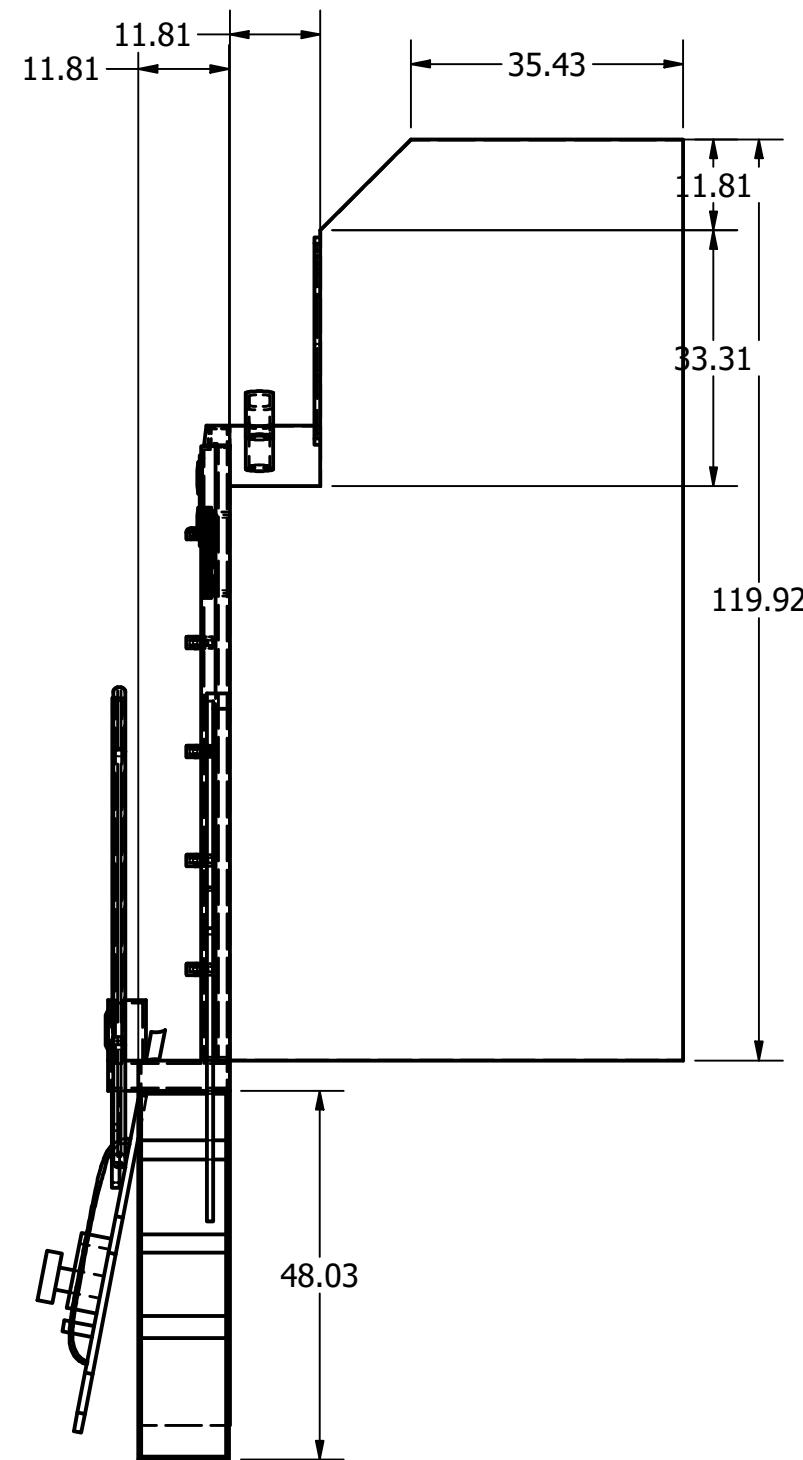
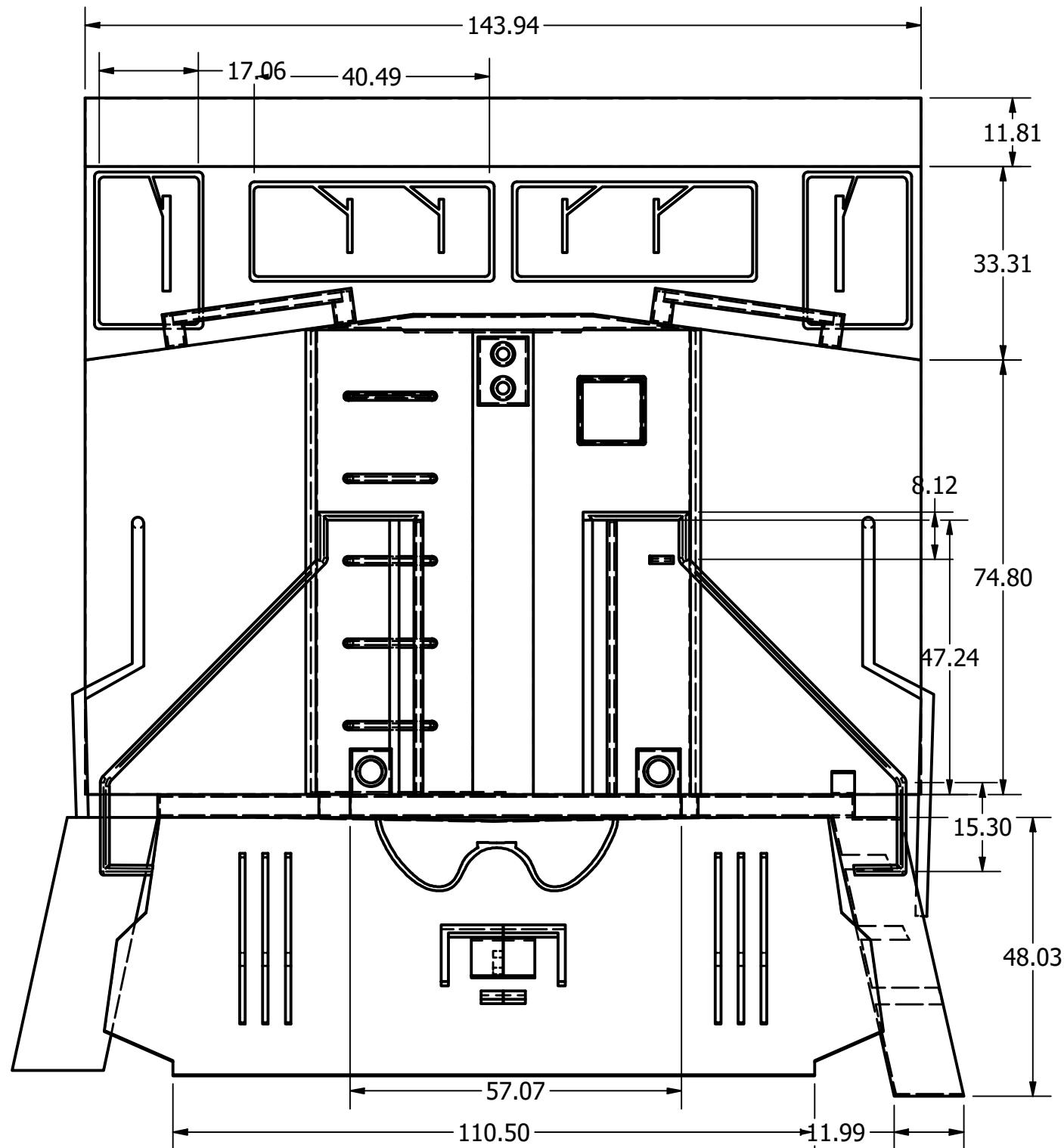
The main workspace shows the 3D model with dimensions: 1028.36, 20, 100, 285, and 45. A front view reference plane is labeled "FRONT". The bottom status bar shows "Ready", "Top events Event brief", "Search", "File Explorer", "Task View", "Google Chrome", "Microsoft Word", "Microsoft Excel", "Spotify", "Autodesk Inventor PRO", "Autodesk Inventor", "Autodesk Inventor View", "Cloud Storage", "ENG IN", "10:09 PM", and "11/14/2023".











DRAWN Harshil Shah	11/14/2023	TITLE	
CHECKED			
QA			
MFG			
APPROVED		SIZE C	DWG NO Shah Harshil Hardik_Nose
		SCALE 1/25	REV
			SHEET 1 OF 1