There are different kinds of surfaces:
1. Principal ➝ snap blocks
2. Inclined ➝ parking garage ramp
3. Oblique ➝ not perpendicular to any principal plane
4. Curved Surface ➝ defined on a principal plane (in 1182 and 1186!)
Objectives

• Up to this point, we have created isometric sketches of objects that can be built from blocks.

• Now, we will learn how to incorporate inclined surfaces into isometric sketches.
Normal Surfaces

• Normal surfaces are either horizontal or vertical.

• When building an object from blocks, it contains only normal surfaces.
Inclined Surfaces

- Inclined surfaces are angled with respect to vertical or horizontal planes.
- Inclined surfaces can occur in any orientation on an object.
Drawing Inclined Surfaces

- First, draw the surfaces that are not inclines.
- Then, draw the lines to connect the corners of the inclined plane.
Inclined Surfaces in Isometric Sketches

• Use this time to practice sketching objects with inclined surfaces.

• In class assignment (GP-06)