



AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB)

Department of CSE
Computer Aided Design and Drafting

Section: L

Experiment No: # 04

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Id: 22-49172-3

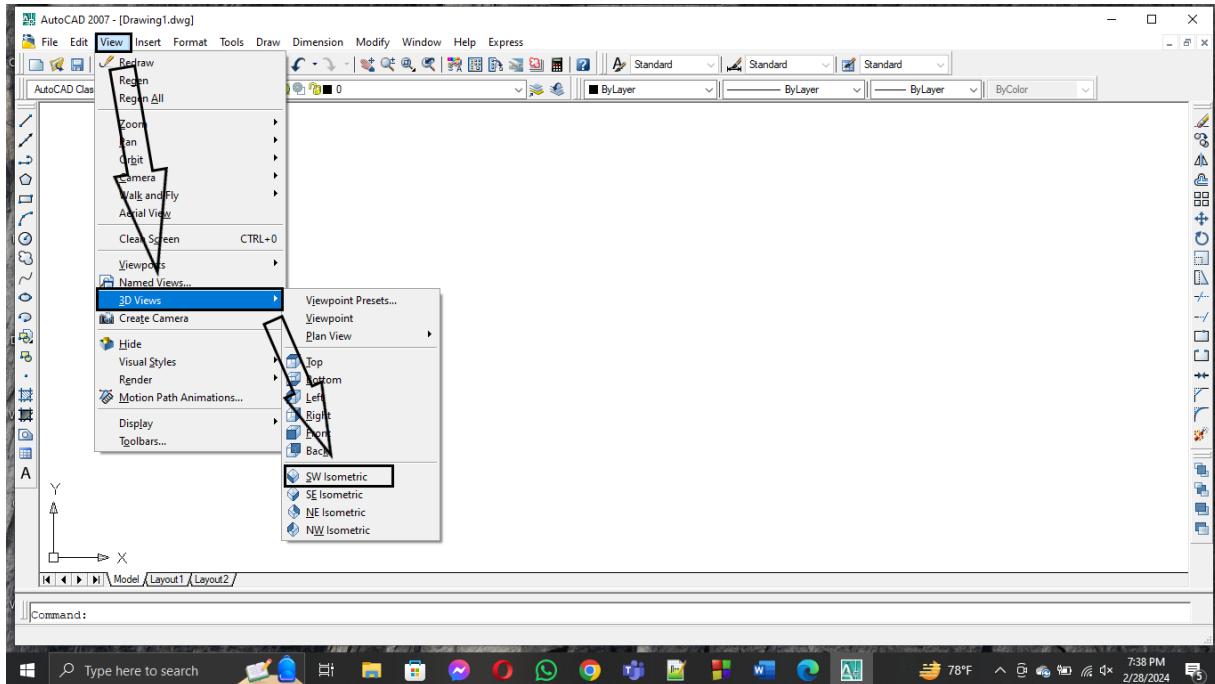
Supervised by: MD. RAKIBUL ISLAM CHOWDHURY

Name of Experiment: Familiarization with different isometric projections and drawing using AutoCAD software

AutoCAD Comments:

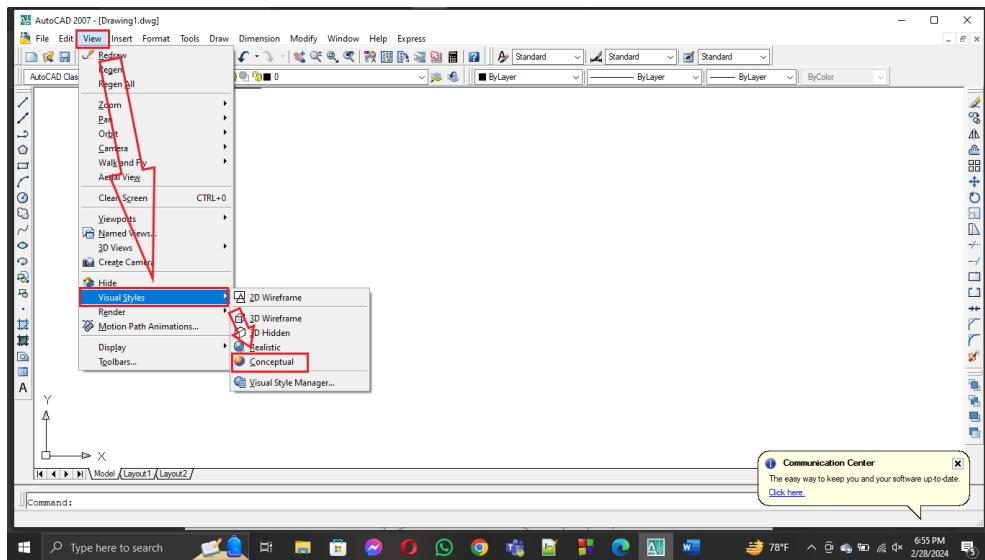
1. How To go to 3D In AutoCAD :

View >> 3D Views >> SW Isometric ---



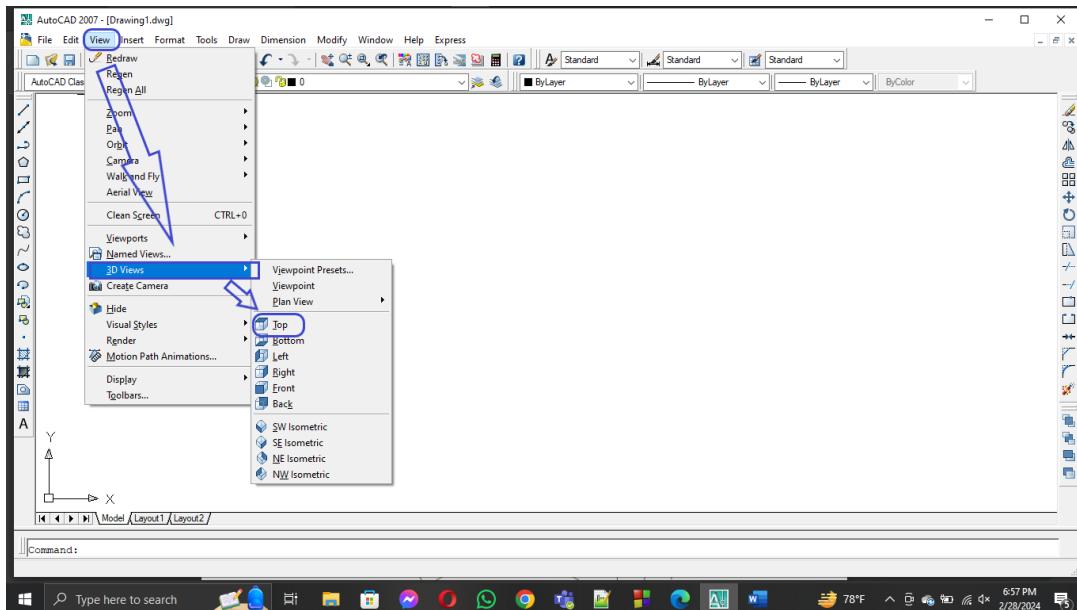
2. How To Go To a Realistic View In AutoCAD :

View >> Visual Styles >> Conceptual ---



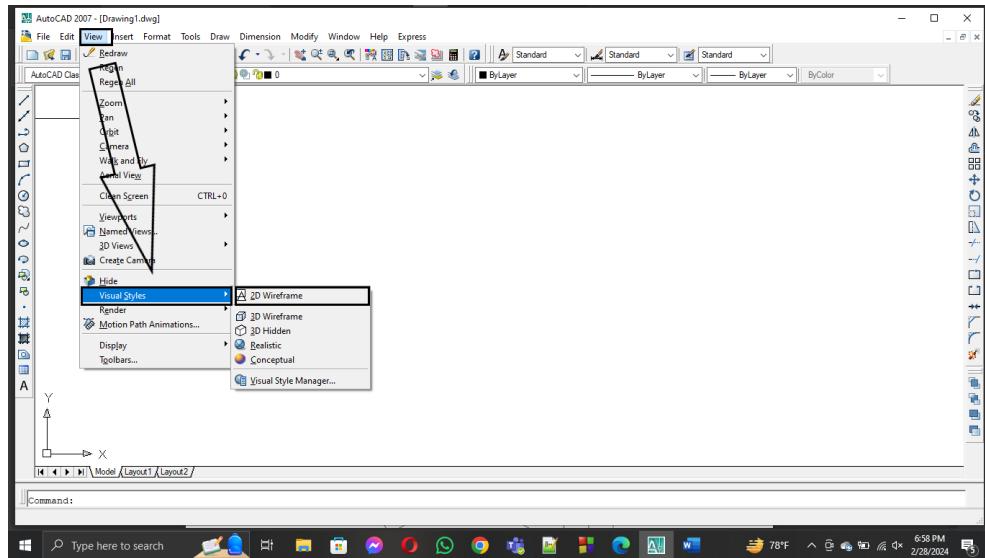
3. How To go to Top View In AutoCAD :

View >> 3D Views >> Top ---



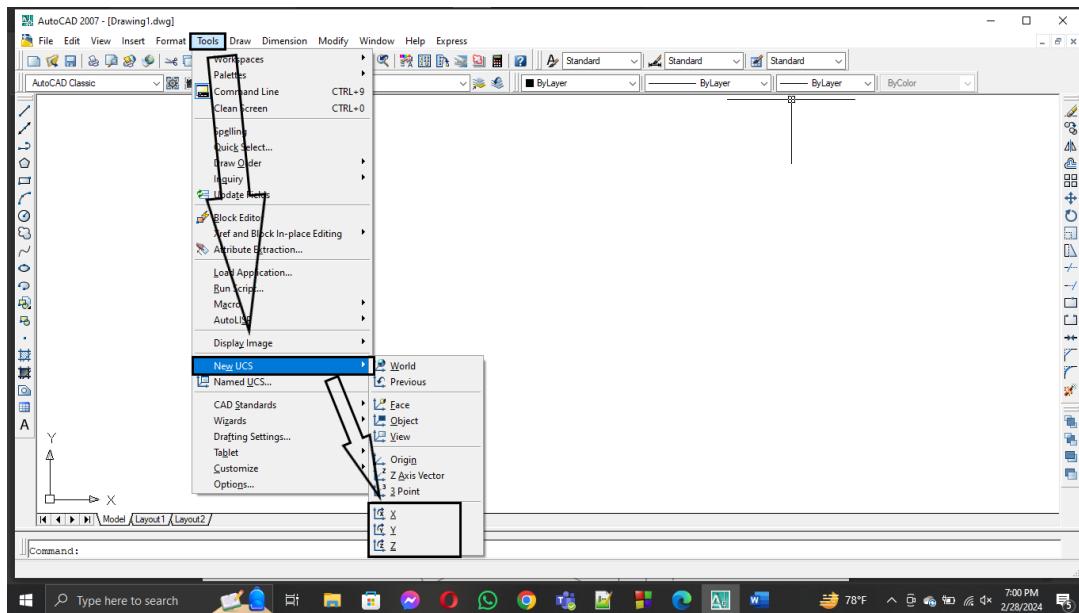
4. How To Go To 2D View In AutoCAD :

View >> Visual Styles >> 2D Wireframe ---



5. How Rotate UCS In AutoCAD :

Tools >> New UCS >> Select the axis of rotation >> Enter the value of rotation >> Enter

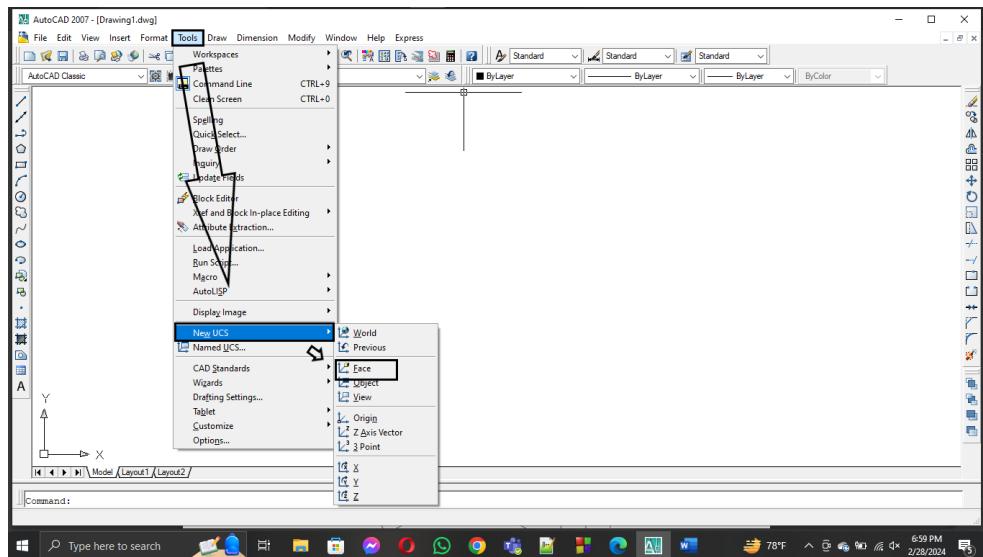


6. How To Take Vertical Distance In AutoCAD :

First Rotate the UCS in such direction that x and y axis lies in That direction in which want to measure the distance

Then ---

**Tools >> New UCS >> Select Face >> Accept or Rotate the axis
>> Enter**



7. How To Draw 3D In AutoCAD :

Presspull >> Click on the Region that want to pull >> input vertical Distance >> enter.

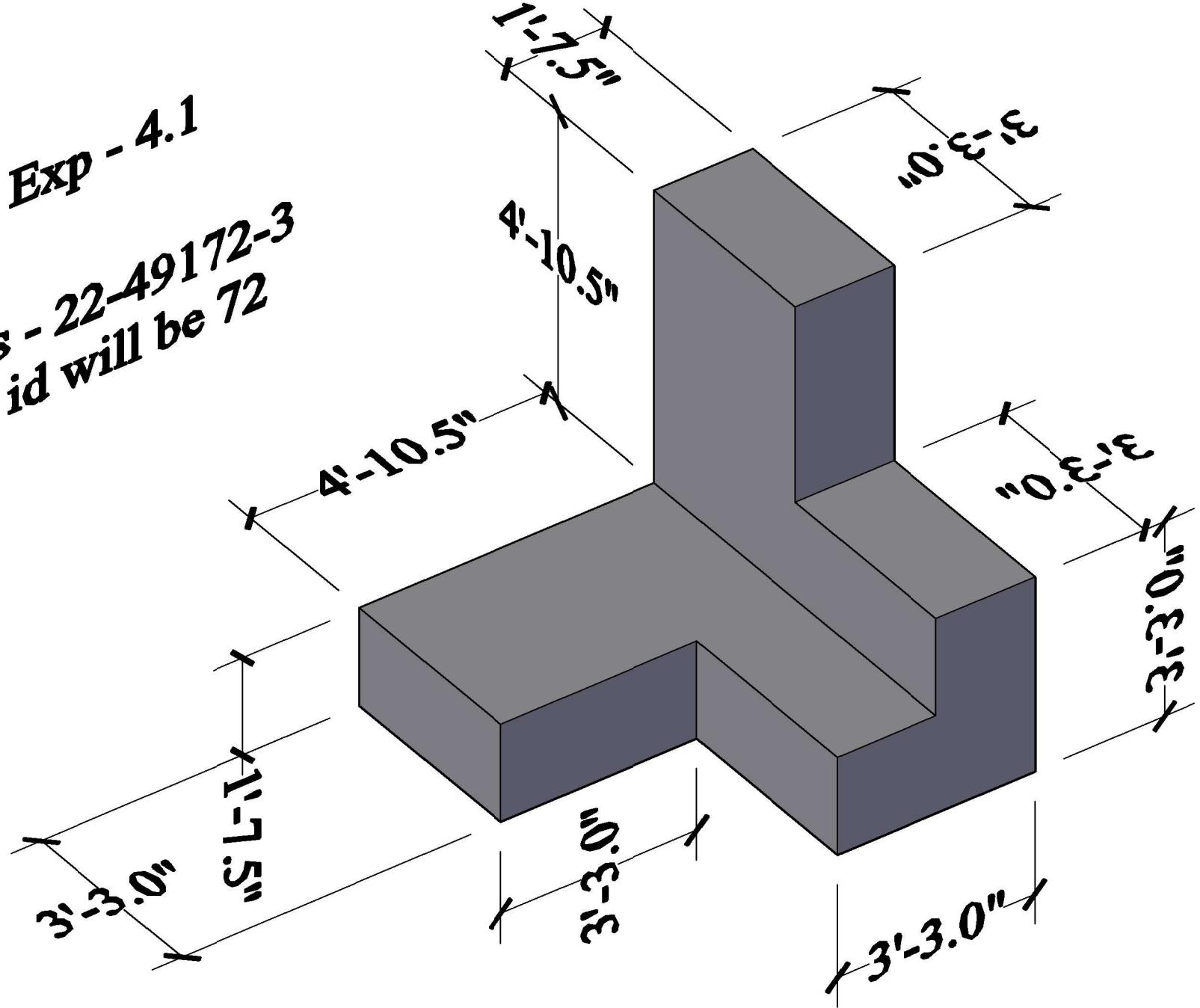
8. How To Merge Two or More 3D Drawing In AutoCAD:

Union >> select objects >> enter

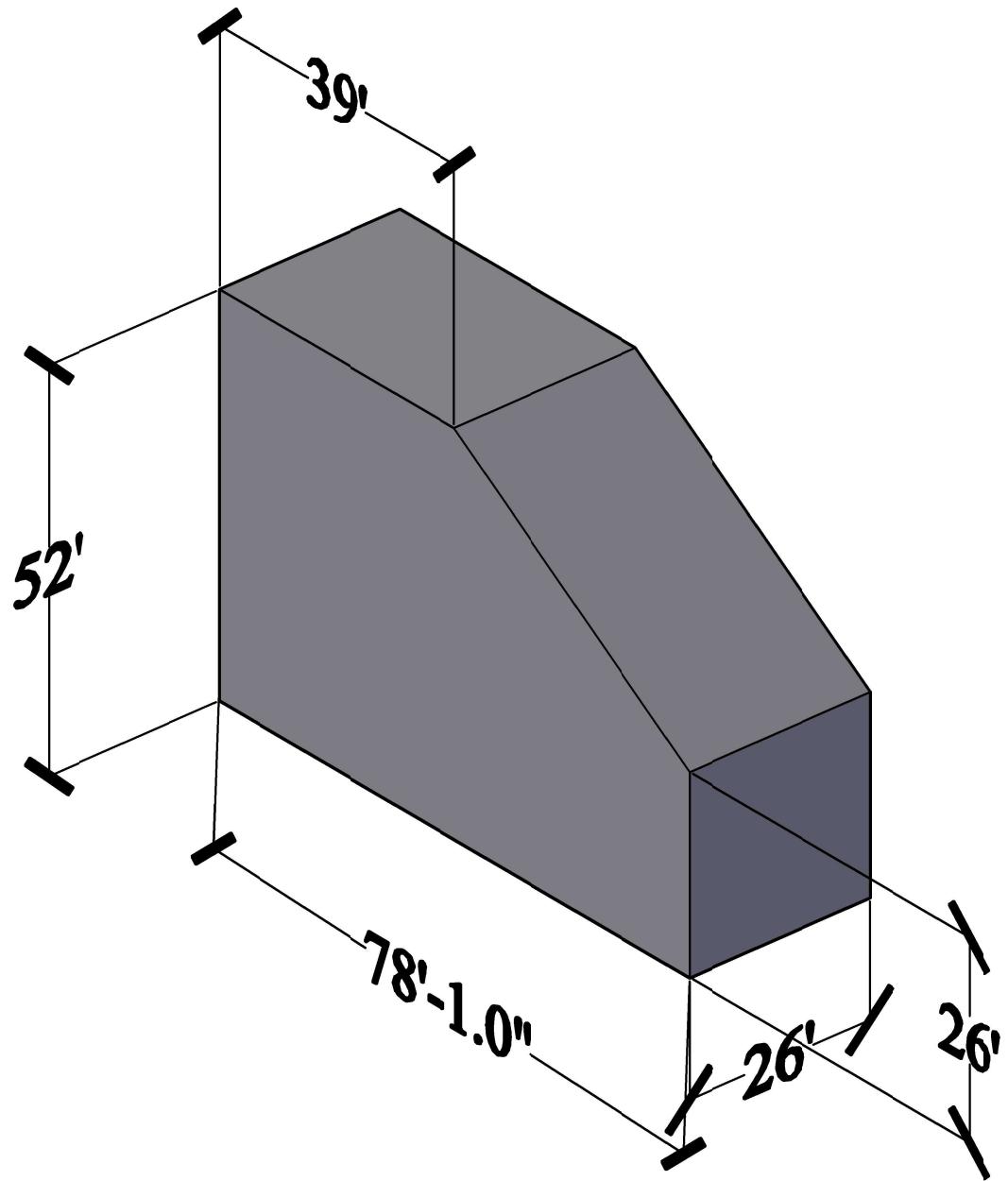
9. How Off set In AutoCAD: O >> enter >> input Distance >> enter >> select object or objects >> click on the side where want to offset >> enter

Exp - 4.1

Id is - 22-49172-3
and id will be 72

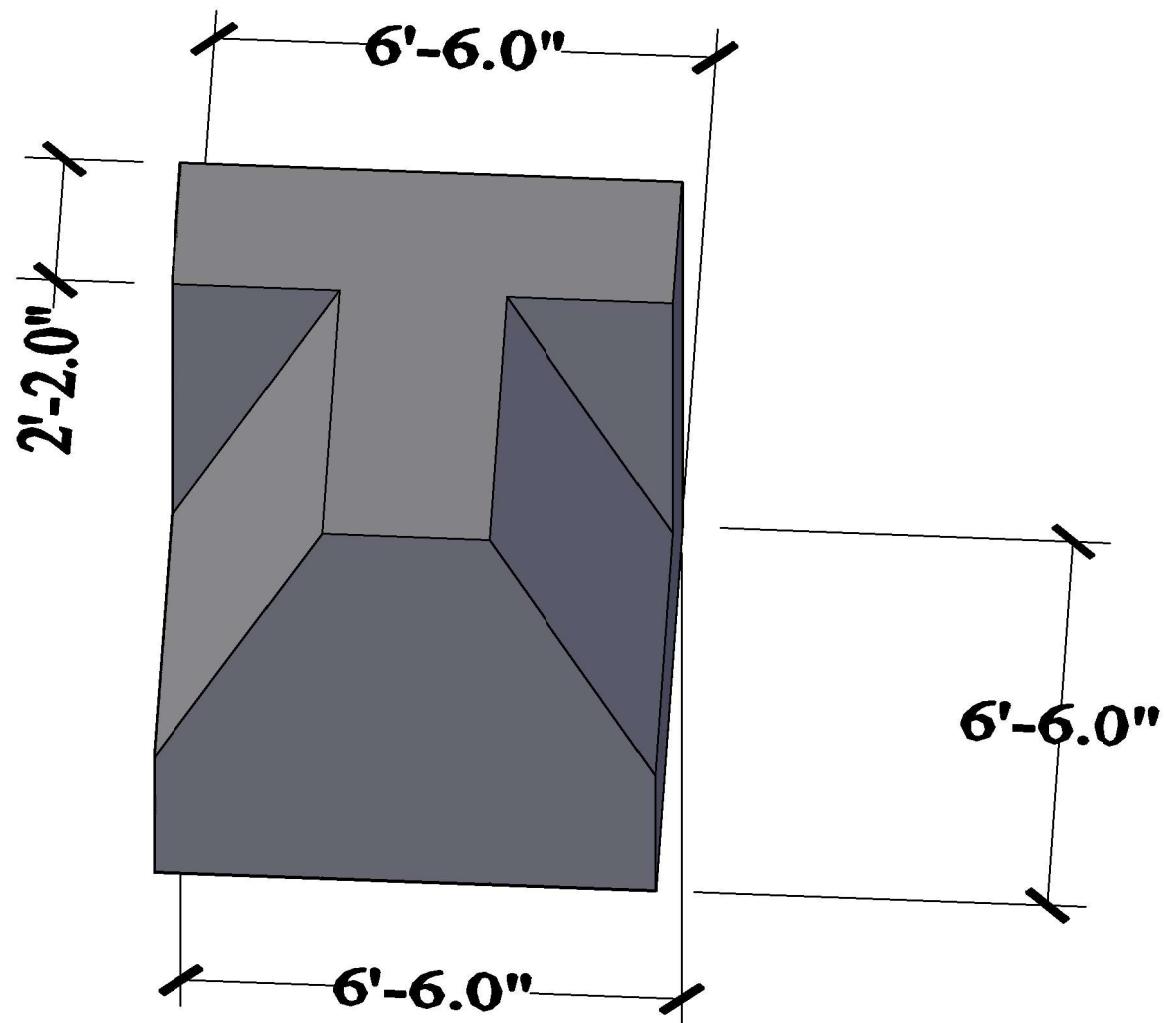


Exp - 4.2
Id is - 22-49172-3 and id
will be 72



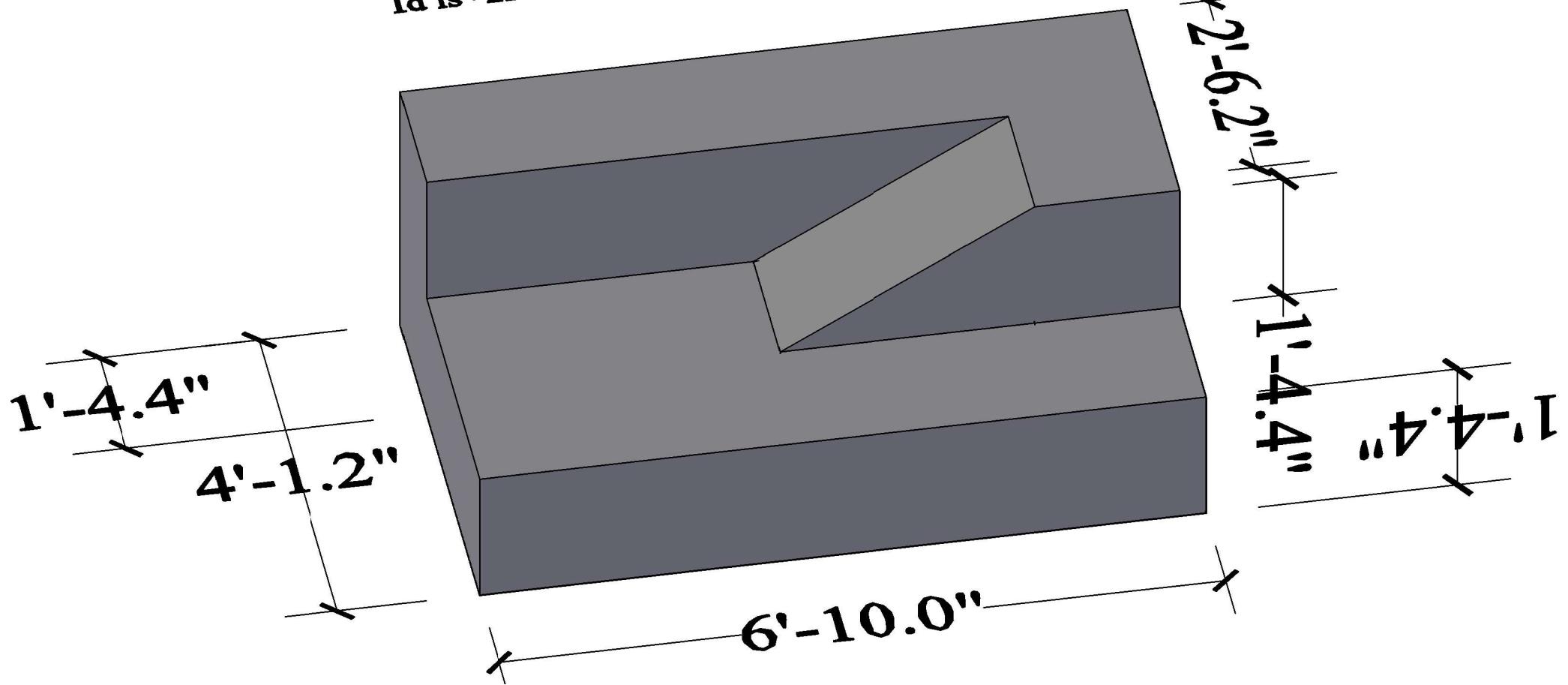
Exp - 4.3

Id is - 22-49172-3 and id will be 72

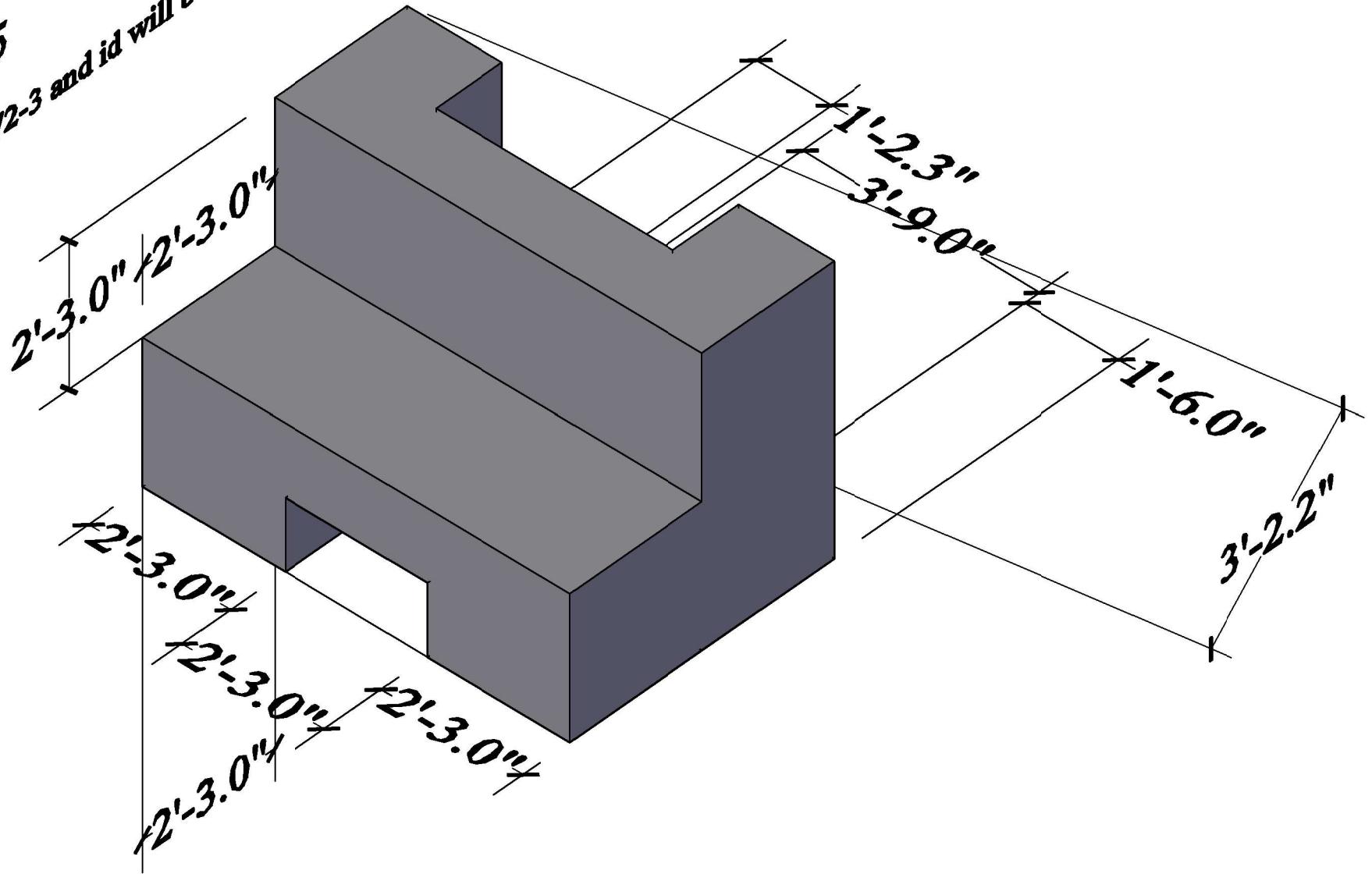


Exp - 4.4

Id is -22-49172-3 and id will be 72



Exp - 4.5
Id is - 22-49172-3 and id will be 72



Exp - 4.6

Id is $22\frac{49}{172}$ and id will be 72

6'-1.5"

2'-7.8"

2'-2.5"

2'-2.5"

1'-3.9"