PERSPECTIVE DRAWINGS

DEMO / EXERCISE:
DRAWING A 1-POINT PERSPECTIVE

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What is PERSPECTIVE & what is not?

(Courtesy of HBP, USM)
“not all 3D drawings are PERSPECTIVES”
Examples: **non-perspective 3D drawings**

- *Trimetric*
- *Dimetric*
- *Isometric*

Axonometric Projections

(Source: www.en.wikipedia.com)
PERSPECTIVE (from Latin ‘perspicere’-to see through)

“is an image as it is perceived by the eye”
Perspectives in different styles / approaches

Black & White Linear Perspective

‘Interior of St. Paul Outside the Walls, Rome’ (Giovannni Battista Piranesi, 1740)
Perspectives in different styles / approaches

(Bright) Coloured Paintings (e.g. expressionism)

‘The Church at Auvers’  
(Vincent Van Gogh, 1890)

‘Café Terrace at Night’  
(Vincent Van Gogh, 1888)
Perspectives in different styles / approaches

(Loose) Sketch (e.g. using only a charcoal)

‘Staircase Leading to a Vaulted Hall’ (Piranesi, 1755)
Perspectives in different styles / approaches

Nature Drawing (without any man-made structure)

‘Malaysian Village’ (Abdul Ghani Ahmad, 2008)
Perspectives in different styles / approaches

Cartoon

‘from Budak Kampung’ (Lat, 1979)
Perspectives in different styles / approaches

*With Illogical Views* (e.g. ‘Satire’)

Satire on ‘*False Perspective*’ (Hogarth, 1754)
Perspectives in different styles / approaches

With Illogical Things (e.g. ‘Surrealism’ – the unconscious mind)

‘The Persistence of Memory’ (Salvador Dali, 1931)

‘The Disintegration of The Persistence of Memory’ (Salvador Dali, 1952)
‘PERSPECTIVE’ as
A MEDIUM OF COMMUNICATION
in BUILT ENVIRONMENT

“to provide the people a right image of
how the building/project will look when it is built”
example:

Perspective drawing

Real photo

Frank Llyod Wright’s perspective...

‘Fallingwater’ (1935)
example:

*Perspective drawing*

*Real photo*

**Jimmy Lim’s perspective**

‘Salinger House’ (1996)
Examples: HBP Students’ perspectives
Examples: HBP Students’ perspectives

Interior Perspective

Sectional Perspective
Examples: HBP Students’ perspectives

Exterior Perspectives
TYPES OF PERSPECTIVE DRAWING:

1) One-point Perspective
2) Two-point Perspective
3) Three-point Perspective

4) Multi-point Perspective (will not be covered in this lesson)

..depends on the number of vanishing points in the perspective drawing
‘ONE-POINT PERSPECTIVE’

-used when one face of the object is perpendicular to the line of our sight/view

(Courtesy of HBP, USM)
‘ONE-POINT PERSPECTIVE’

-used when one face of the object is perpendicular to the line of our sight/view

(Courtesy of HBP, USM)
‘TWO-POINT PERSPECTIVE’

-used when an object is not directly facing us

(Courtesy of HBP, USM)
TWO-POINT PERSPECTIVE

-used when an object is not directly facing us

(Courtesy of HBP, USM)
‘THREE-POINT PERSPECTIVE’

-used for buildings seen from above (bird’s eye view) or below (worm’s eye view)

(Courtesy of HBP, USM)
‘THREE-POINT PERSPECTIVE’

-used for buildings seen from above (bird’s eye view) or below (worm’s eye view)

(Courtesy of HBP, USM)
How to DRAW A 1-POINT PERSPECTIVE?
fundamental:

1) STATION POINT
2) HORIZON LINE
3) VANISHING POINT
4) CONVERGENCE LINES
5) GROUND LEVEL
6) PICTURE PLANE
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SITUATION 1: *Without* any plan & elevation

Drawing

A 1-Point Perspective: *the simplest way*
1) Draw the **Horizon Line**
2) Decide the **Vanishing Point (VP)**
3) Draw the **Horizontal** and **Vertical Lines** to form the front of the object
4) Draw in **Convergence Lines**
5) Draw again the **Horizontal** and **Vertical lines**
6) Complete the form of the objects
7) *Finishing up* (erase the convergence lines)
SITUATION 2: With a plan & elevation

Drawing

A simple plan ‘store room’:
An example of 1-point interior perspective
DRAWING ONE-POINT PERSPECTIVE

PLAN

ELEVATION
1) Draw the **Picture Plane**
2) Put the Plan on the Picture Plane
3) Decide the **Station Point (SP)**
4) Draw the lines from every corner of the room & box to the Station Point (SP)
5) Draw the **Ground Line** below the **Station Point (SP)** level
6) Put the **Elevation** on **Ground Line**
7) Draw the **Horizon Line**
8) Draw the straight line from SP to Horizon Line to determine the Vanishing Point (VP)
9) Draw the main lines from Picture Plane to Ground Line and find out the room & box’s levels
10) Draw the **Convergence Lines** from corners of the room to **Vanishing Point**
11) Draw the **straight lines** from **Picture Plane** (back corners of the room) to the **Convergence Lines**
12) Draw the **straight lines** from **Picture Plane** (every corner of the box) to the **Convergence Lines**
13) Darken the **Actual Lines** of the **room & box**
14) **Finishing up the drawing (erase the convergence lines, SP & VP)**
Final Drawing: Plan, Elevation & Perspective
YOUR TASK (right now)

is to imagine & sketch...

‘A ONE-POINT PERSPECTIVE’

(without plan & elevation)
OF WHATEVER you think that it could be drawn in ‘1-POINT PERSPECTIVE’,
as long as,

YOUR DRAWING HAS:

*Keywords in Perspective:
‘…things appear smaller the further they are away….’
as long as,

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‘…things appear smaller the further they are away....’
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*Keywords in Perspective:
‘...things appear smaller the further they are away....’
...sketch it

with a pencil on your A3 cartridge paper..

*Please do it in 15 minutes....

Thank you!