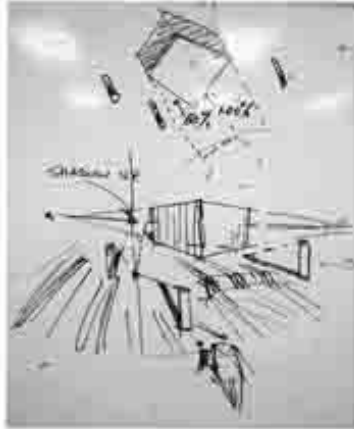
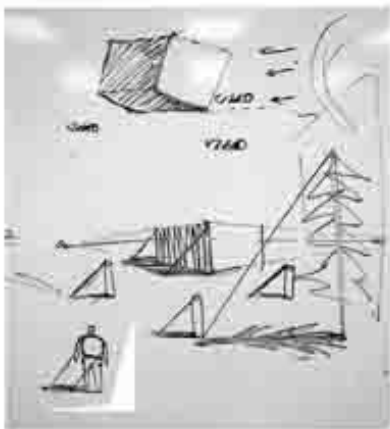


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MODELING WITH LIGHT AND SHADOW

THREE MOST TYPICAL CAST SHADOW SET-UPS

Tony O'Regan



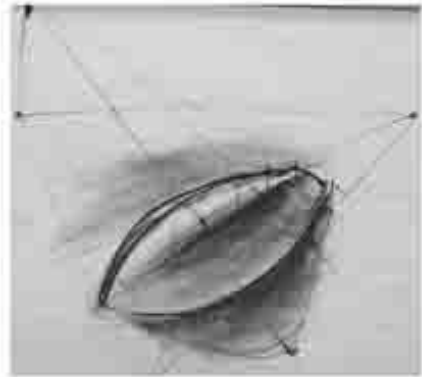
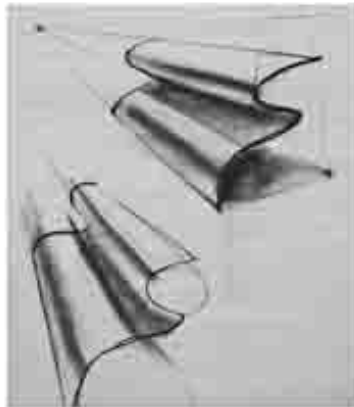
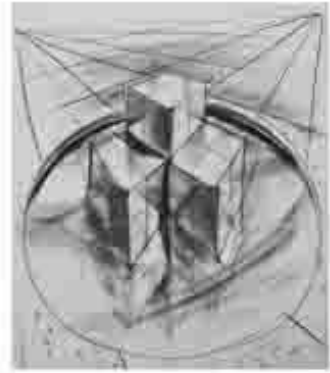
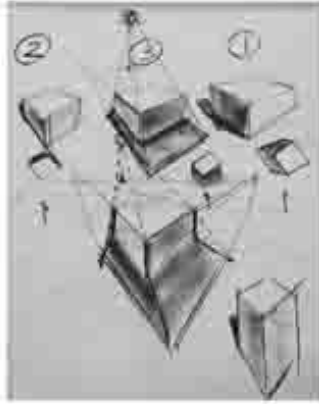
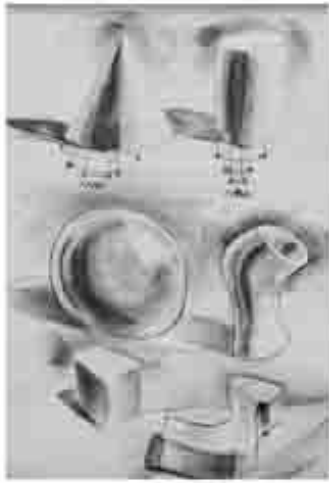
SIDE ←

FRONTAL ↗

BACKLIGHT ↘



LIGHT SHADE SHADOW CURVES REFLECTIONS





BACK

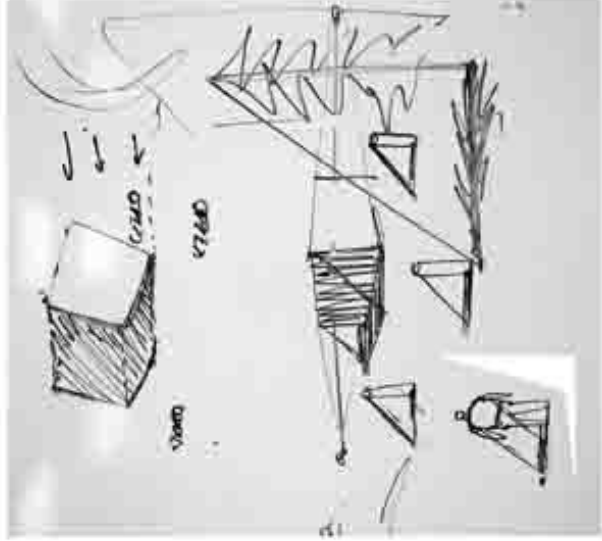


SIDE

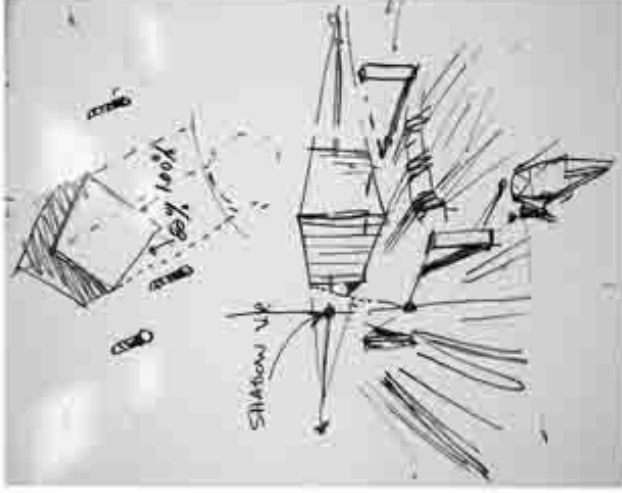


FRONT

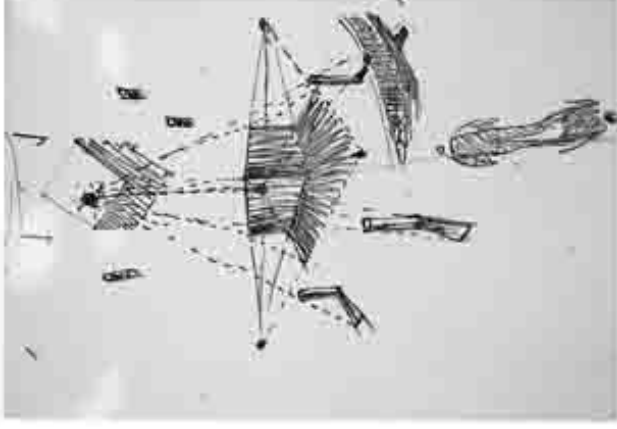
MOST TYPICAL SHADOW SETUPS



SIDE



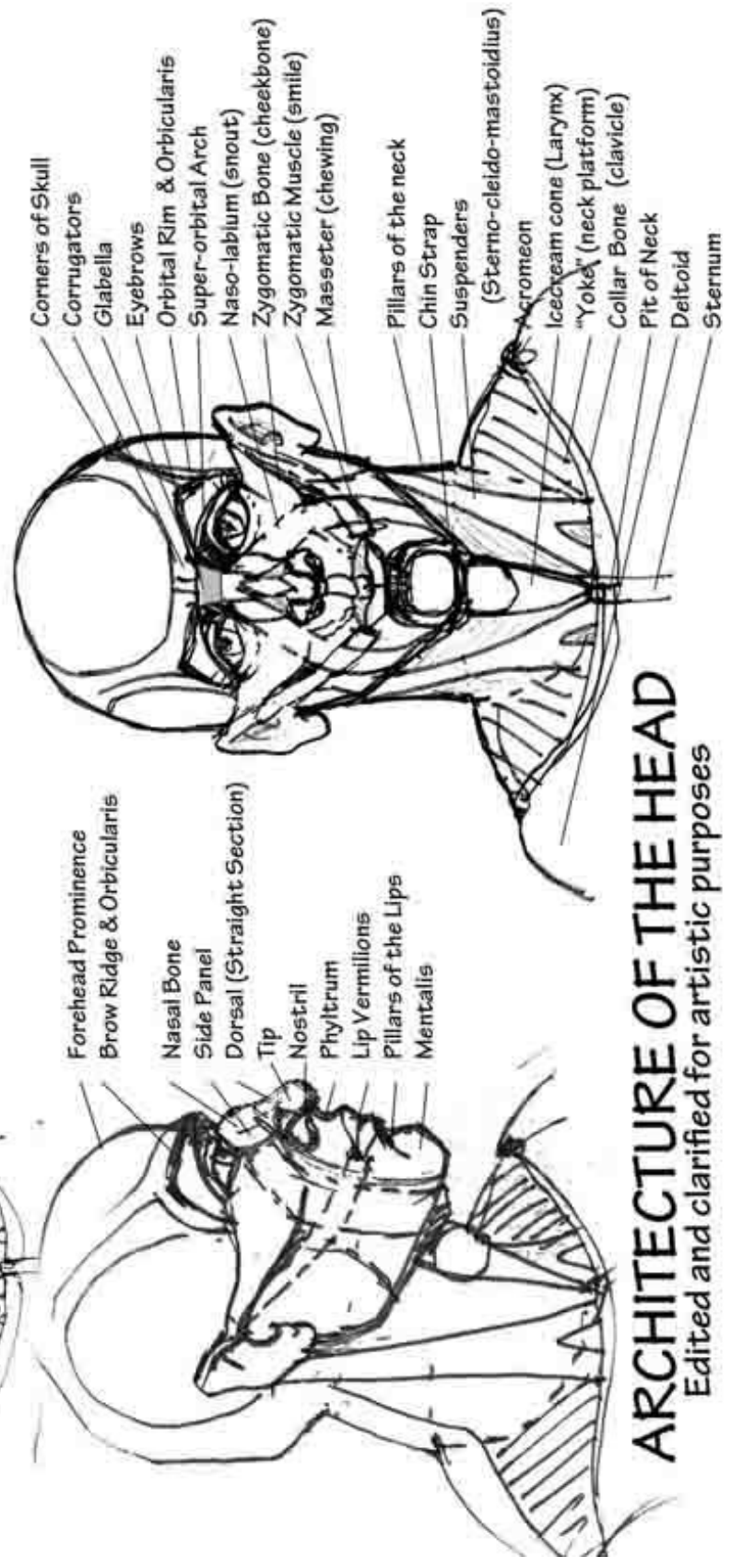
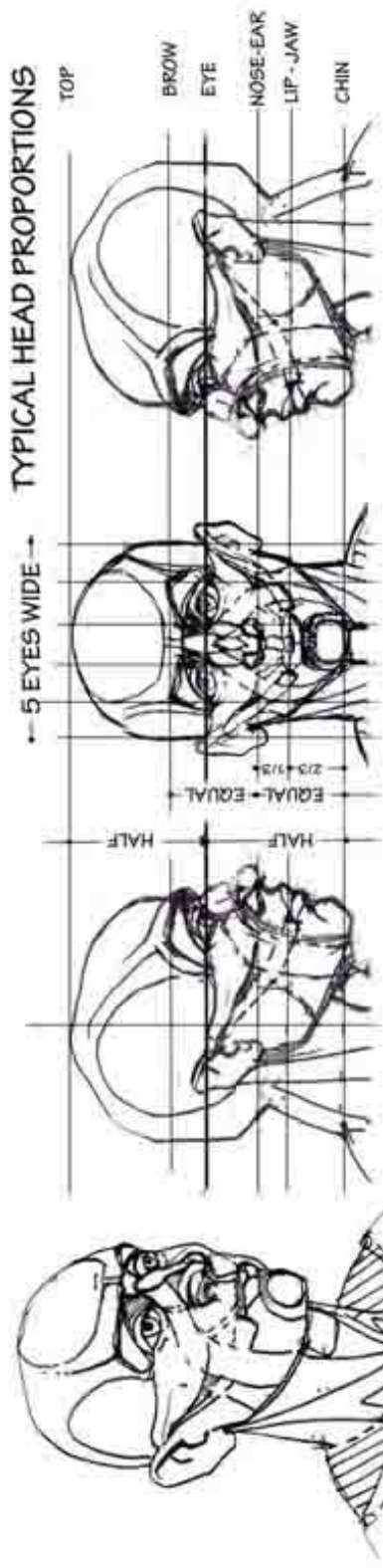
FRONTAL



BACKLIGHT



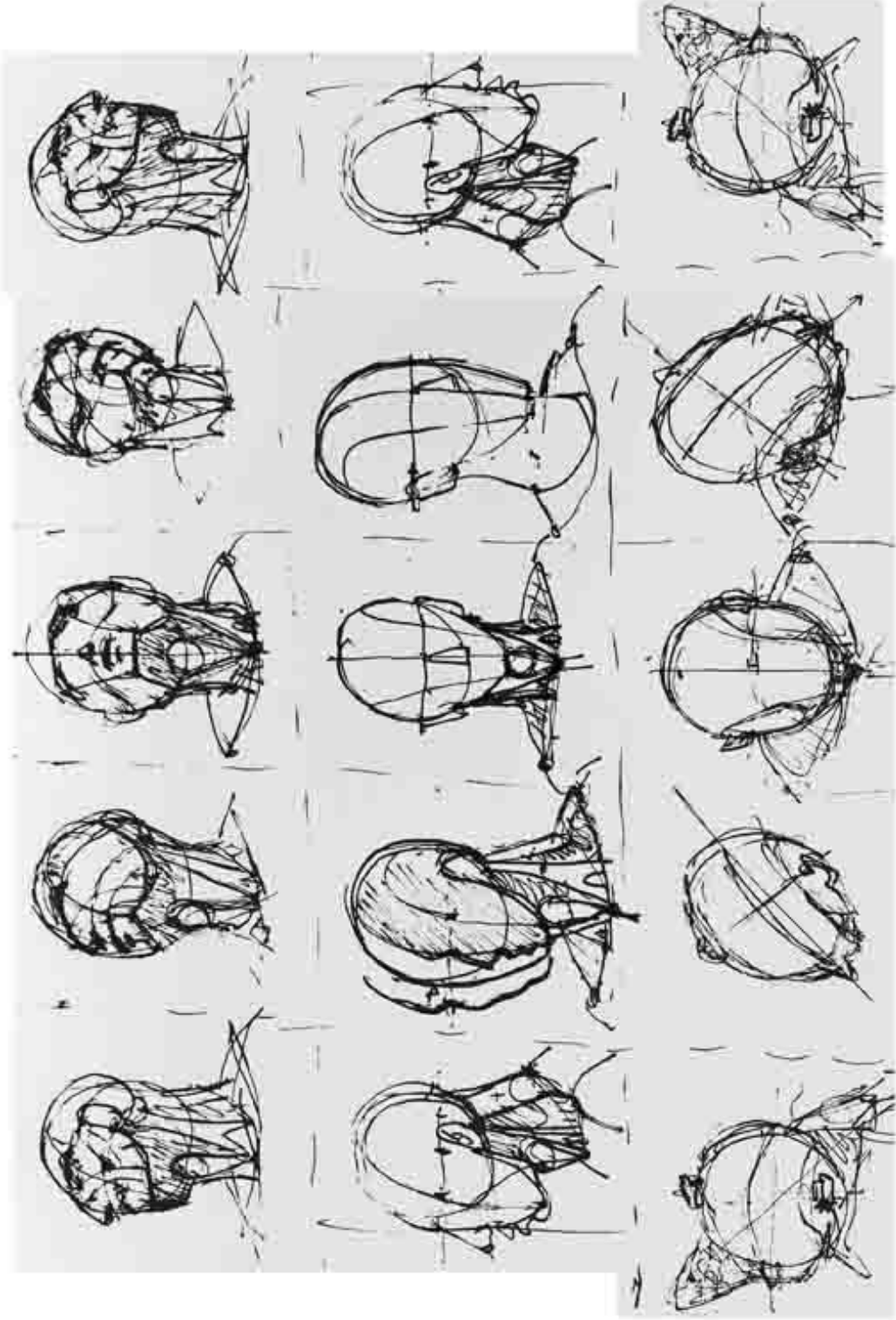
TYPICAL HEAD PROPORTIONS

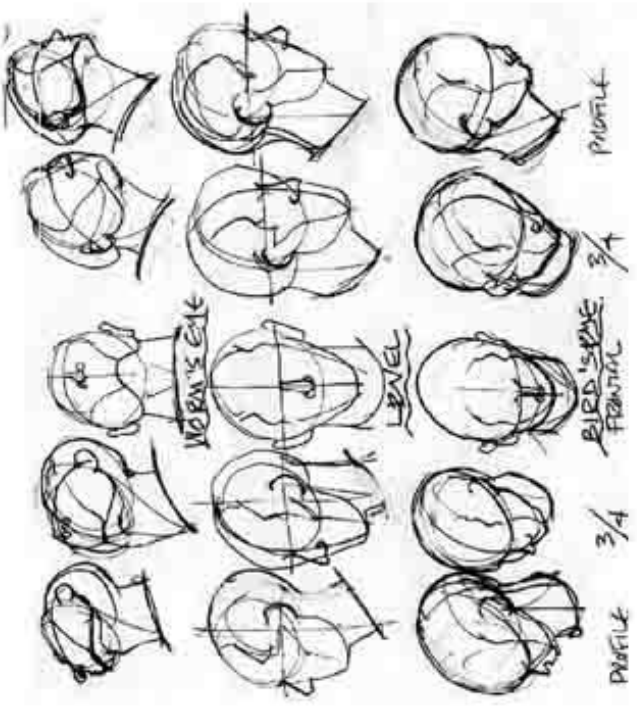


ARCHITECTURE OF THE HEAD

Edited and clarified for artistic purposes

FIFTEEN HEADS - MANIKIN





VERMEER

RENOIR



Division the House
of Representatives



Chief of the House
of Representatives



The Princess



The Princess



The Most Beautiful



A Girl Reading a
Letter by an Great
Author



Other and
Reading the



The Princess



The Glass of Wine



She will
study of the



Contemporary in
her dress



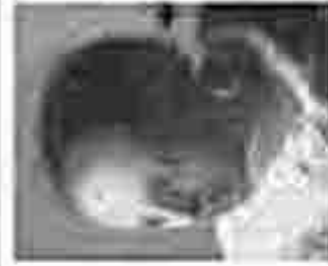
Wishes in that
Reading a letter



Woman, Mother &
Father



Woman with a
mother



Woman with a
mother



Woman with a
mother



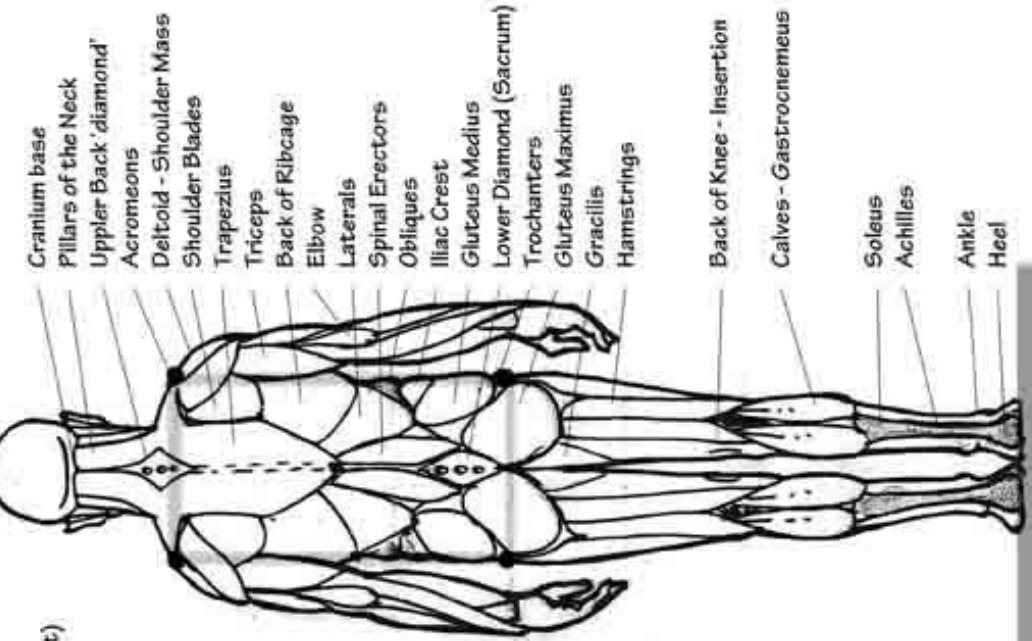
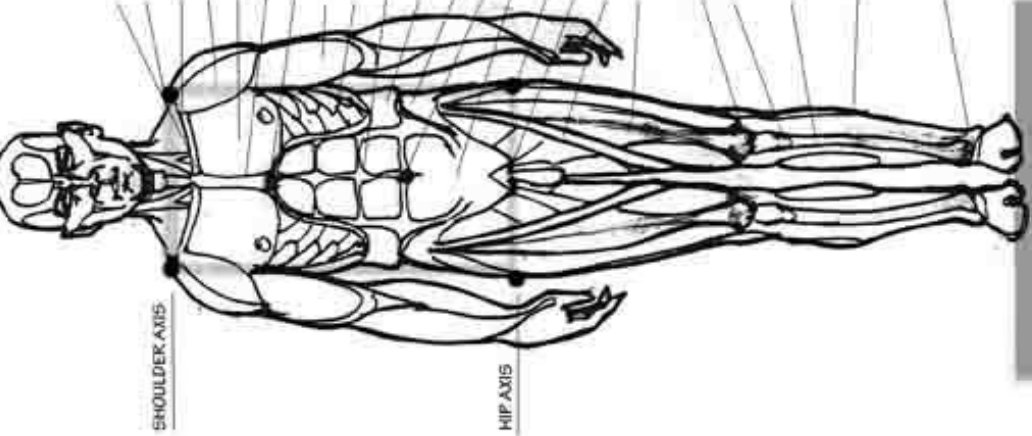
Woman with a
mother



The Consonant

PARTS OF THE FIGURE

(Edited, abbreviated for Drawing Purposes)



- Pit of Neck
- Acromions
- Clavicles
- Deltoid-shoulder
- Pectoral
- Sternum
- Solar Plexus
- Bicep (flexor-extensor below)
- Serratus
- Upper Abs
- Obliques
- Iliac Crest
- Navel
- Lower Abs
- Trochanter
- Pubic Bone
- Sartorius
- Thigh Muscles
- Knee
- Bottom of Knee Mass
- Tibia (Shin)
- Calf Sides
- Ankles

- Cranium base
- Pillars of the Neck
- Upper Back 'diamond'
- Acromions
- Deltoid - Shoulder Mass
- Shoulder Blades
- Trapezius
- Triceps
- Back of Ribcage
- Elbow
- Laterals
- Spinal Erectors
- Obliques
- Iliac Crest
- Gluteus Medius
- Lower Diamond (Sacrum)
- Trochanters
- Gluteus Maximus
- Gracilis
- Hamstrings
- Back of Knee - Insertion
- Calves - Gastrocnemius
- Soleus
- Achilles
- Ankle
- Heel





1



2



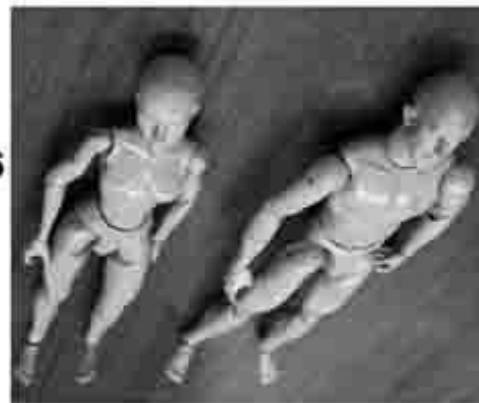
3



4



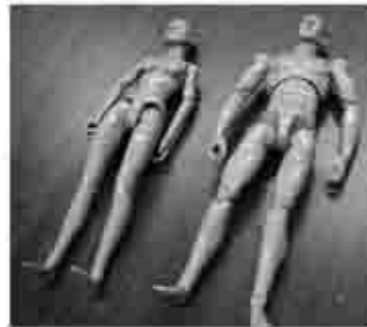
5



6



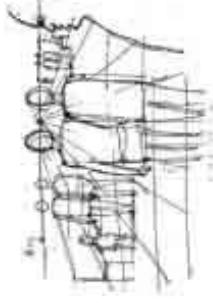
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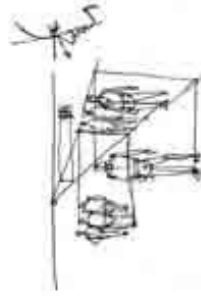
8



Figures in Context - Perspective Methods



"CUMMINGS" EYE-LEVEL OF VIEW IS SAME AS POSITION OF FIGURES.



"MARGULIS" EYE-LEVEL OF VIEW IS DIFFERENT (ABOUT 6 FEET) POSITION OF FIGURES.

GRIDS, PLANES, BOXES

1-POINT BOX IN 1-POINT SPACE



1-POINT BOX IN 2-POINT SPACE



2-POINT BOX IN 2-POINT SPACE

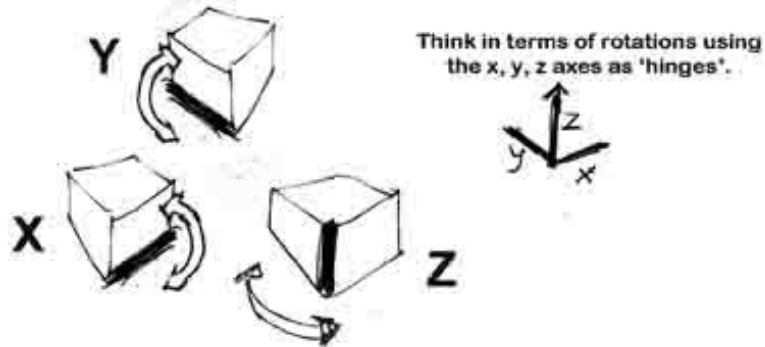


2-POINT BOX IN 1-POINT SPACE?

(In fact - both space and table are 3-point - notice vertical convergence)

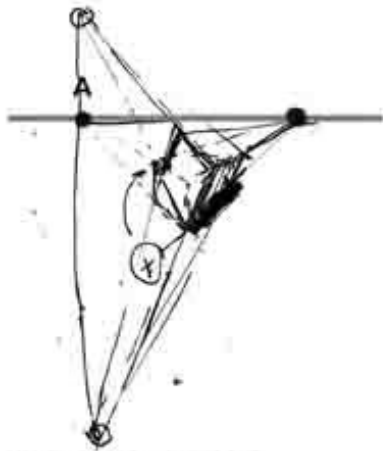
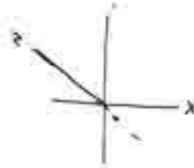
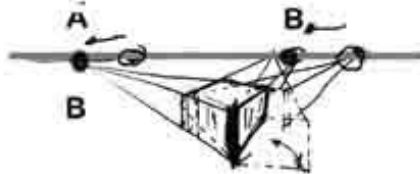


BOX ROTATIONS

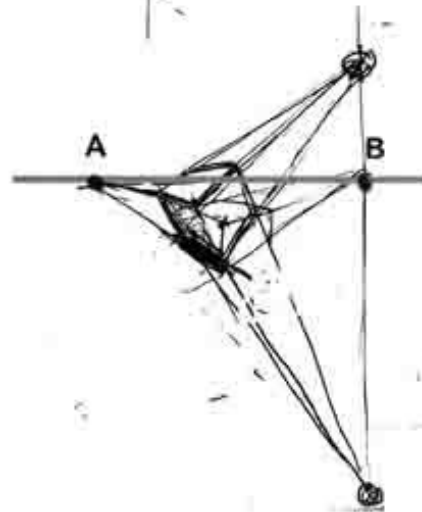


A and B are the vp's for the original, un-rotated box.
To rotate, other vp's are needed as shown below.

Z ROTATIONS (LEFT-RIGHT ROTATIONS ON HORIZ. PLANE)

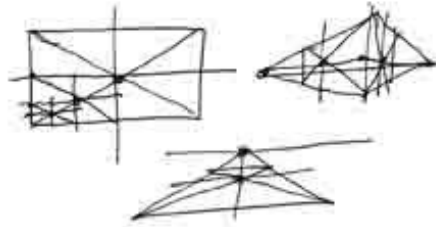


X ROTATIONS
(inclined planes)

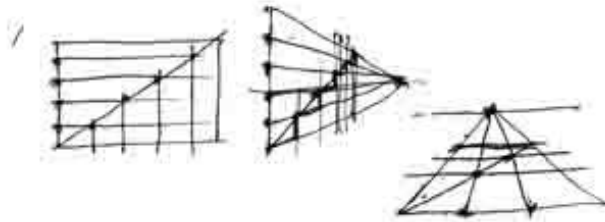


Y-ROTATIONS
(inclined planes)

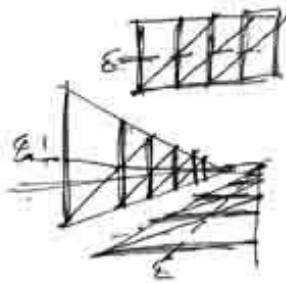
MEASURING GEOMETRIES



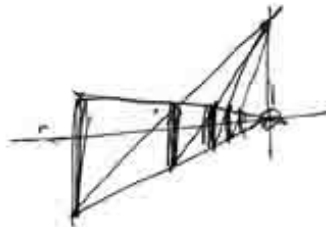
DIAGONAL CENTERS



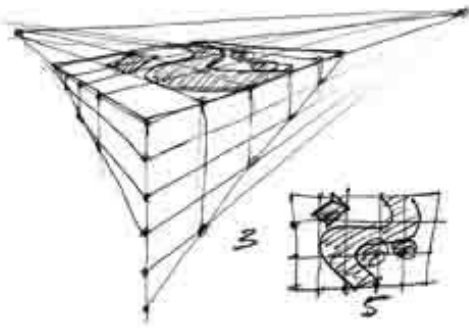
DIAGONAL OFFSET (STAIRS)



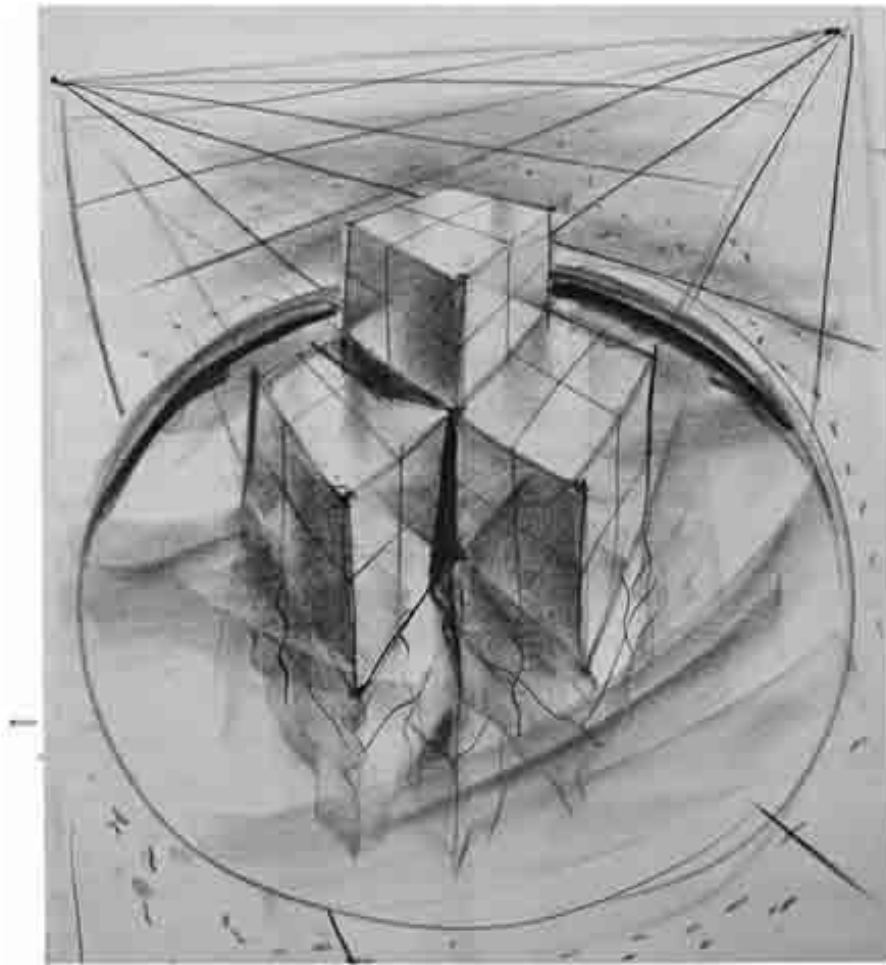
HORIZ CENTERLINE



INCLINED PLANE VP



CUSTOM GRIDS



ASSIGNMENT 4 PERSPECTIVE

Re produce this drawing indicating shade shadow
and reflections as shown in class session 4.
Due next session , Nov 10, 2020.