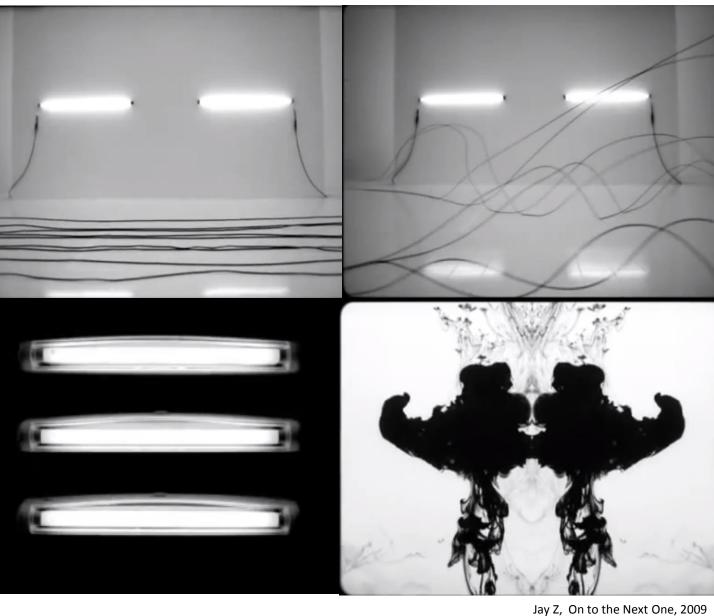
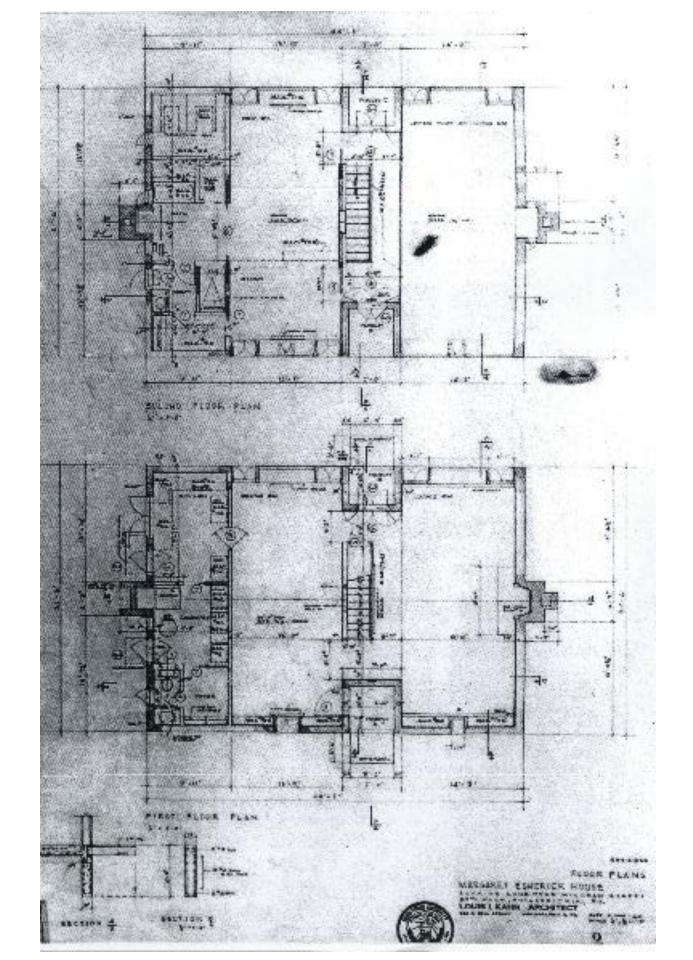
CMCE 1110 - Construction Drawings I Lesson 2: Linework

Professor Anderson







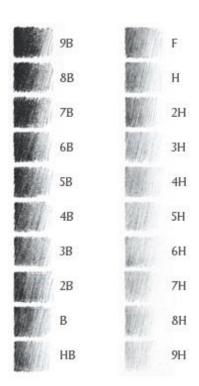
FUNDAMENTAL PRINCIPLES OF LETTERING AND LINEWORK:

UNIFORMITY OF:

- 1. WEIGHT OF LINES
- 2. SHAPE OF LINES
- 3. STYLE OF LINES (TYPE)
- 4. SLOPE OF LINES (ACCURACY)
- 5. SIZE OF LINES (GUIDELINES)
- 6. SPACING OF LINES

UNIFORM VARIATION IS ESSENTIAL FOR LEGIBILTY OF DRAWINGS.

PENCIL GRADE & USE:



HARD

H: LIGHT, HARD LEAD

- GUIDELINES, LIGHT HATCHES
- WILL PRODUCE UN-ERASABLE GROOVE IN PAPER IF TOO MUCH PRESSURE IS APPLIED

F: MEDIUM LIGHT, FINE POINT

- SMALL LETTERING,

HB: MEDIUM DARK

-TITLEBLOCK, LARGE LETTERING, OBJECT OUTLINES

B: DARK, SOFT LEAD

-BORDERS, SECTION CUTS



CONSTRUCTION LINES & GUIDELINES



DaVinci: Perspective

MATCH LINE:

* EDGES IN VIEW

SURFACE FEATURES.

THIN LINE:

USED TO DIVIDE A DRAWING INTO AREAS WHEN DRAWING SIZE EXCEEDS SHEET SIZE

MATCH LINE - SEE SHEET A204 MATCH LINE - SEE SHEET A205

LINEWEIGHTS

				EXTRA FINE
			FINE	
		NORMAL	FIINE	
		110111111		
	HEAVY			
EXTRA HEAVY				

The viewer should be able to distinguish between your linetypes when viewing your drawing at arms length.

WHAT DIFFERENCE DOES IT MAKE?

