

But what does it mean? Well, these are the names of streets which were built in the short time between when Cambridge was built up of landfill, and when MIT bought the property and moved over from Boston. These streets are essentially gone today, except for a little piece of Wellesley St. which runs from Mass Ave. to the Student Center loading dock (and is actually listed on some modern maps). Claflin is tougher. There exists a blueprint (which the Planning Office apparently has a copy of) from February 12, 1914, which lists all of the streets where the 'Tute is now. The intersection of Wellesley and Claflin is now occupied by the NW corner of Building 12. Following the directions gets you to room 2-327, then to 5-324, across from which are two very long greek looking names on a door. Proceeding to the right, it would not be prudent to cross the railing and plunge to your death in Lobby 7. Paul Gray's office is on the second floor, so you go down a floor, and look under the nearest part of the Inaugural display (a ductape "X" is sticking out a little bit), and if you move the display, it is labeled as part of the Mystery Hunt. On to Part 2!

Part 2

- 1) This is a simple substitution cipher, alright, but the clear text is in Spanish, and the alphabetic translation is, of course, done on the Spanish alphabet, which has no k or w, but does have four other letters: ch, ll, n, and rr (pronounced "chay", "ayyay", "enyay", and "erray". They may look like two letters to a native speaker of English, but to a Spaniard, each is one letter.) So, using the following correspondence:

a	b	c	ch	d	e	f	g	h	i	j	l	ll	m	n	ñ	o	p	q	r	rr	s	t	u	v	x	y	z		cipher
i	rr	q	o	n	ch	u	d	l	h	r	y	f	e	p	x	s	ll	g	t	b	j	a	z	m	ñ	v	c		clear

the message decrypts to the following (with punctuation added):

Buenos dias, amigos. Esto no es dificil, pero es importante saber que no es en ingles. Es interesante que el alfabeto espanol y el alfabeto ingles no son la misma cosa. La palabra que ustedes quieren es <<marcacion>>.

A rough translation is as follows:

Good Day, friends. This is not difficult, but it is important to know that it is not in english. It is interesting that the spanish alphabet and the english alphabet are not the same thing. The word that you want is "bearing".

- 2) There is an untitled sculpture by Robert Engman hanging from a cable in the middle of Barker library. Measuring the cable can be tricky, but an engineer can find lots of ways. Some ideas:
 Find a scale drawing of the library and measure it.
 Count cinder blocks in the stairway and add the radius of the dome, which can be measured on the floor, to find the ceiling height.
 Use a rangefinder (as in photograhic) to find the ceiling height.
 Hack a Polaroid sonar camera (see above).
 Get a protractor and triangulate.
 Send a helium balloon to the ceiling and measure the string.
 Throw a barometer at the ceiling and time how long it takes to come back down.
 or, the method that I used that nobody else seems to have thought of:
 could you ask for a better pendulum?
 (Freshmen be ashamed!)
 The result is about 18 meters.