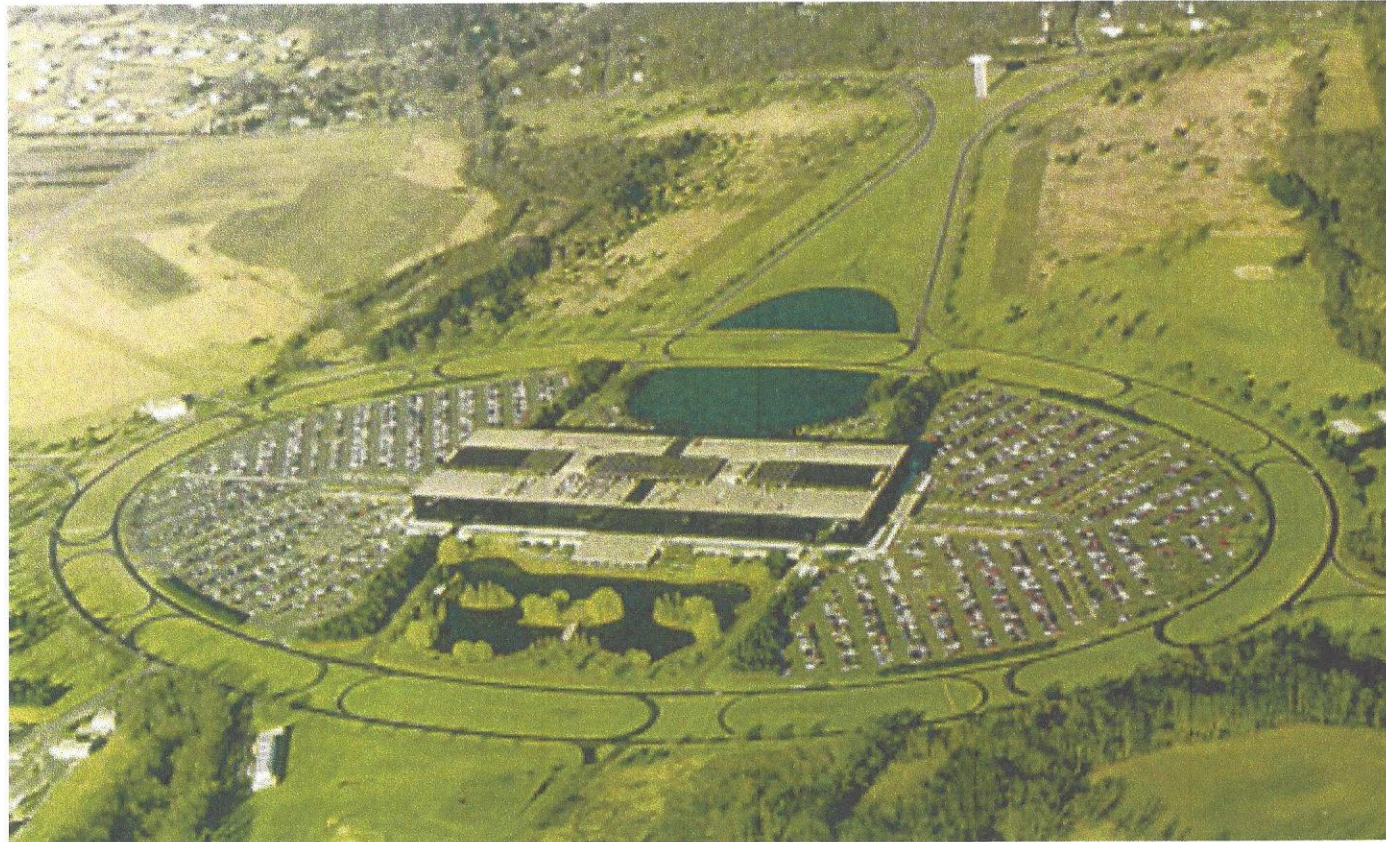


# Bell Labs – Holmdel, NJ

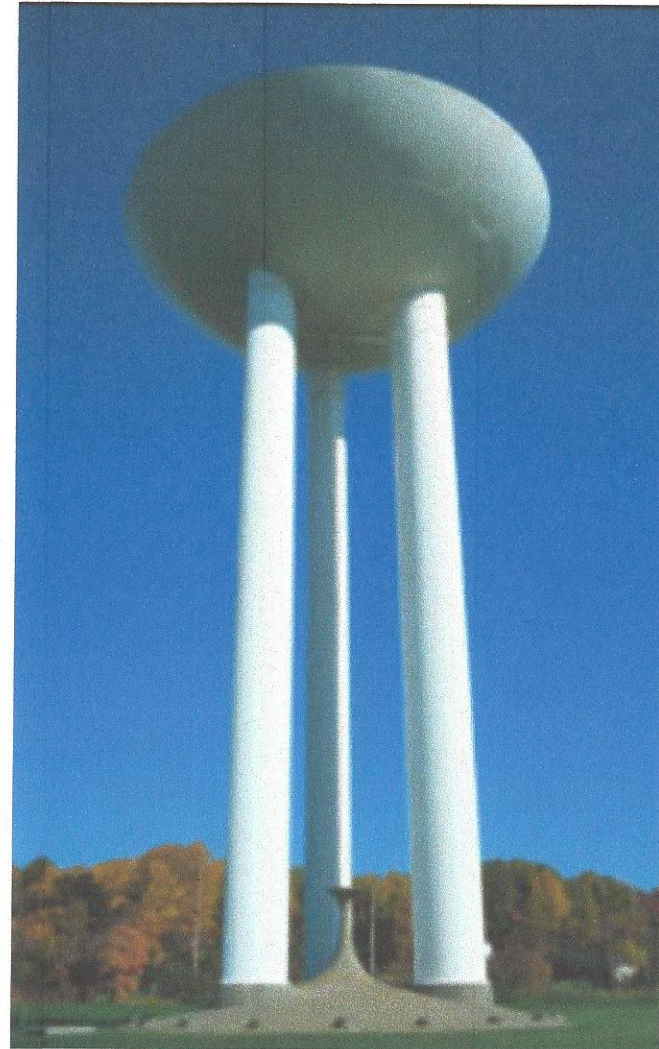
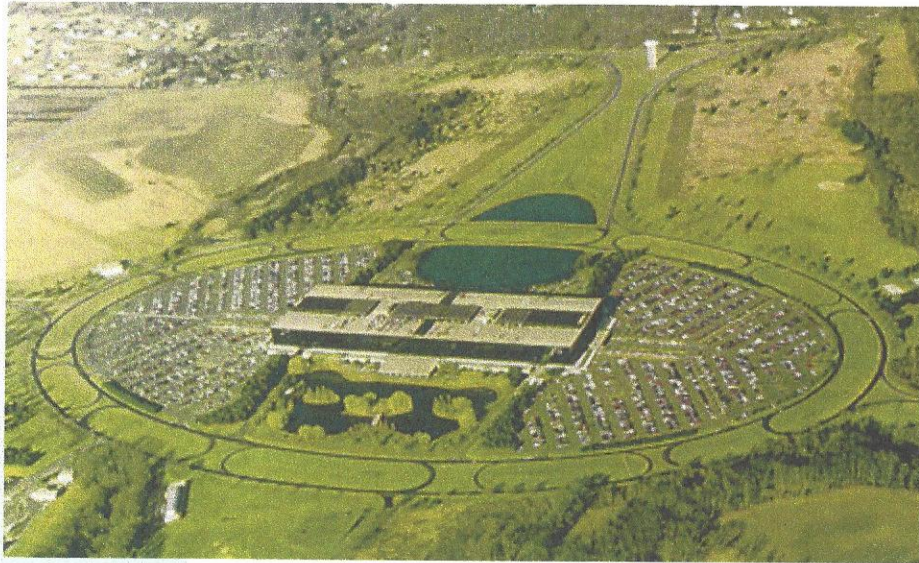


Designed by Award Winning  
Finnish-American Architect – Eero Saarinen

5/10/2019



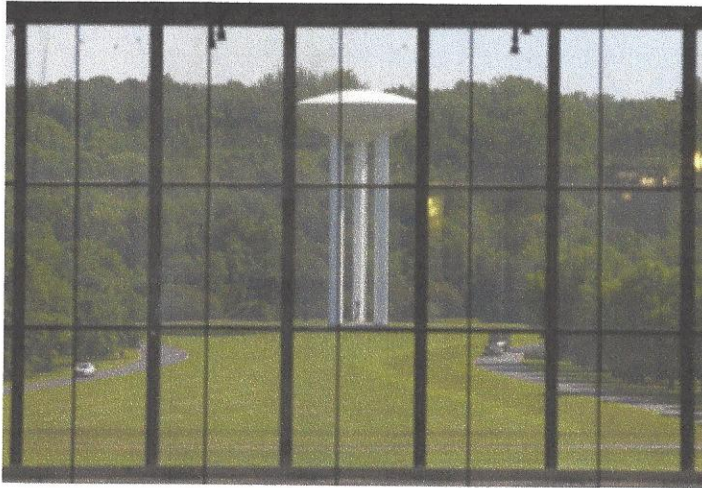
# Bell Labs – In Pictures



5/10/2019



# Bell Labs – In Pictures



5/10/2019

# Technological Breakthroughs – Well Known



- 1947 Schockly, Bardeen & Brattain – Invent first Transistor\*
- 1958 Laser approach – Arther Schawlow and Charles Towns
- Telstar 1 – First orbiting communications satellite
- Cellular technology first demonstrated to the FCC
- 1962 Light emitting diode invented
- 1964 Carbon-Dioxide Laser
- 1968 Molecular Beam Epitaxy (chips made one atomic layer at a time)
- 1969 Unix Operating System invented
- 1976 First experimental lightwave communications test
- 1977 First commercial installation of fiber optic system – Chicago
- 1978 First installation of Bell labs cellular system – Chicago
- 1990 First digital optical processor using light instead of electricity
- 2000 Electronic circuit that mimics the human brain's circuitry.....



# Other Technological Breakthroughs:



## Inventions and Discoveries of Note:

- 1925 First high-fidelity sound recording
- 1925 First facsimile transmission
- 1926 First synchronized sound movies
- 1927 First long distance TV transmission
- 1939 First binary computer
- 1946 First commercial mobile telephone service
- 1948 Quantified “Information” theory for data carrying capacity
- 1954 Development of the Solar Battery Cell

# Bell Lab Breakthroughs



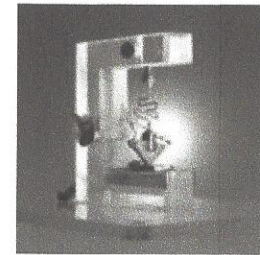
## 1940 – RADAR development

Developmental work & lab notes delivered to US during WWII by British engineer

Developmental work and testing – Bell Labs/Western Electric and the US Army – Fort Monmouth

## 1947 – Transistor Invented

John Bardeen, Walter H. Brattain, and William B. Shockley of Bell Labs discover the transistor. Brattain and Bardeen build the first point contact transistor.



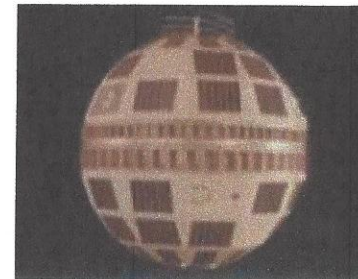
## 1964 - “Big Bang” Theory

Bell Labs' Robert Wilson and Arno Penzias, 1978 Nobel Prize winners for their discovery of the "Big Bang" theory of the universe's creation, at the famous Horn Antenna in Holmdel, NJ



## 1962 - Telstar 1, Worlds First Communications Satellite

Bell Labs was at the forefront of Satellite Communications

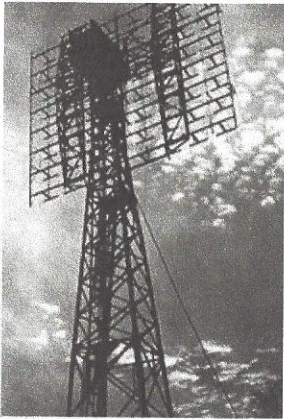




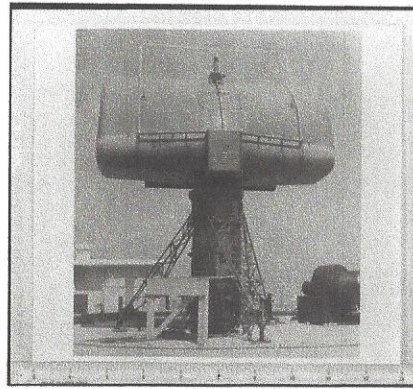
# “Rumors” of Collaboration



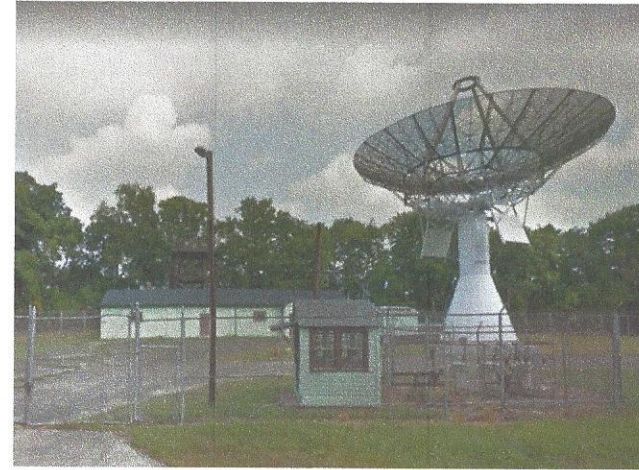
**1946 - EME  
SCR 271 Radar**



**1952 - Nike  
LOPAR Radar**



**Tiros Satellite COMMS**



**1914 Evans Area – Marconi Hotel**

Built by Marconi, used by RCA, the KKK and in the 1930's, the US Army



**Bell Labs Laser Technologies**

Bell Labs was recognized as the inventor of the Laser - 1960





# Rumors of Collaboration



## 1947 Col Corso – Fiber Optics?

At the Roswell Crash, a broken wiring harnesses was found that emitted a different colors. Fiber Optics?



## 1946 - Project Diana – SCR-271

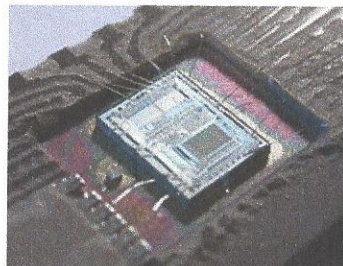
Fort  
Monmouth



Western  
Electric  
(Bell Labs)

## Transistor & IC Development

TRANSISTORS AND INTEGRATED CIRCUITS We had in our possession a transistor with hair-like wires and leads, and a chip in a stack of thin, uniformly shaped wafer- like components – molecular level!?



## 1914 - Evans Area – Marconi Hotel

Built by Marconi, used by RCA, the KKK and in the 1930's, the US Army





# Rumors of ET Technologies – Continued

## Cape Girardeau UFO Crash - 1941



5/10/2019



# Rumors of ET Technologies – Crash Recoveries

## Battle of LA – 24/25 February, 1942





# Rumors of ET Technologies – Crash Recoveries

## Roswell – July, 1947





# Rumors of ET Technologies

Aztec, NM Crash - 1950



Office Memorandum • UNITED STATES GOVERNMENT

TO : DIRECTOR, FBI

FROM : GUY HOTTEL, SAC, WASHINGTON

DATE: March 22, 1950

SUBJECT: FLYING SAUCERS  
INFORMATION CONCERNING

*Flying Saucers or Flying Saucers*

The following information was furnished to SA [redacted] by [redacted]

b7C  
b7D

An investigator for the Air Forces stated that three so-called flying saucers had been recovered in New Mexico. They were described as being circular in shape with raised centers, approximately 50 feet in diameter. Each one was occupied by three bodies of human shape but only 3 feet tall, dressed in metallic cloth of a very fine texture. Each body was bandaged in a manner similar to the blackout suits used by speed flyers and test pilots.

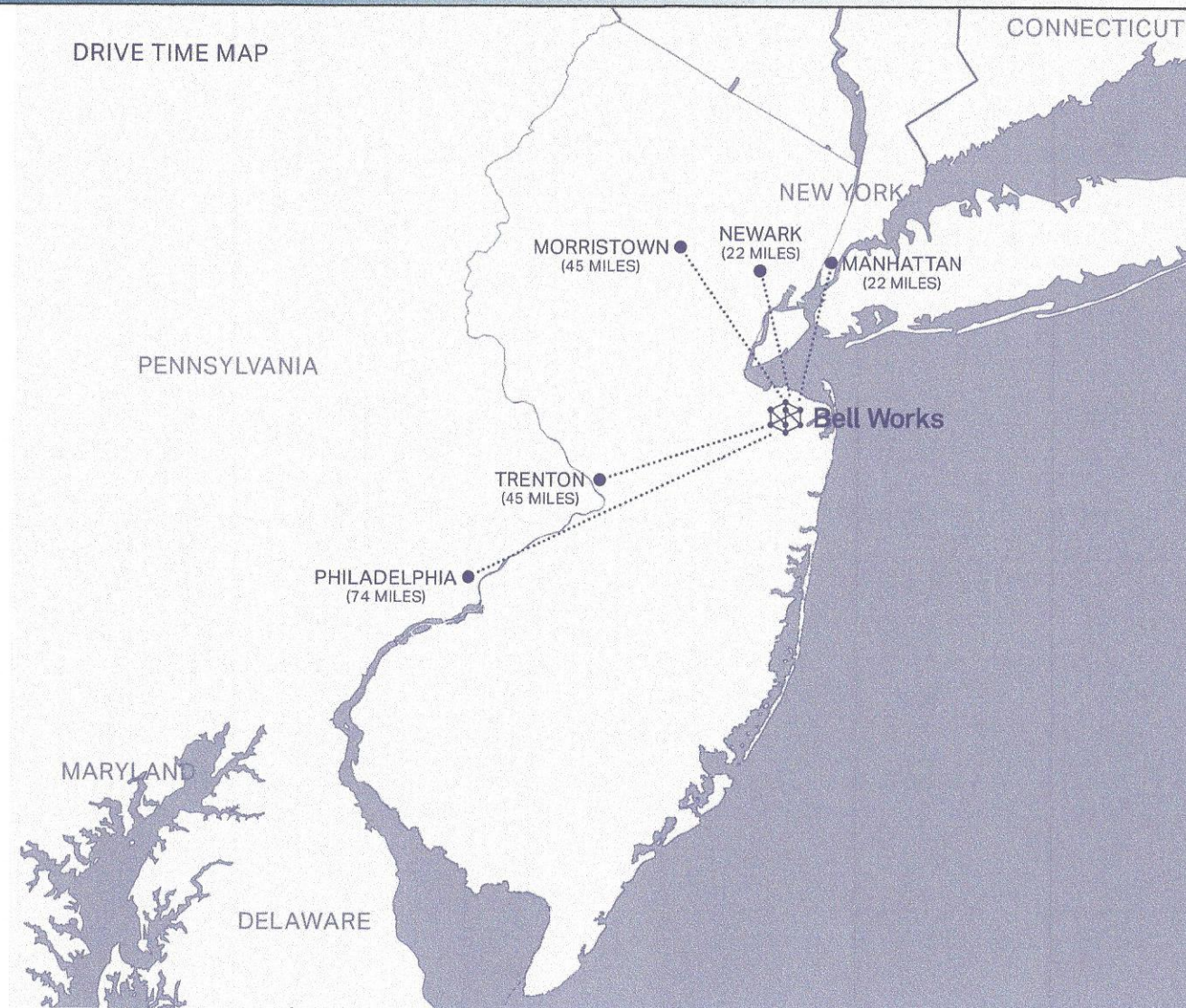
b7C  
b7D

According to Mr. [redacted] informant, the saucers were found in New Mexico due to the fact that the Government had a very high-powered radar set-up in that area and it is believed the radar interferes with the controlling mechanisms of the saucers.

No further evaluation was attempted by SA [redacted] concerning the above.



# Location of Bell Labs (Bell Works)



5/10/2019