



A N D A L U Z





# Leadership in Energy and Environmental Design

A leading-edge system  
for certifying the  
greenest performing  
buildings in the world

LEED® Facts	
Building size 12,500 square ft	
Type of building	
LEED for Core & Shell Development	
Certification awarded July 27, 2006	
<b>Platinum</b>	<b>49*</b>
Sustainable Sites	13/15
Water Efficiency	5/5
Energy & Atmosphere	12/15
Materials & Resources	6/9
Indoor Environmental Quality	10/13
Innovation & Design	3/5

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\*Out of a possible 62 points



# What Is Green Building?



# Levels of Certification



Certified

Silver

Gold

Platinum

# HILTON HOTEL

Albuquerque's Living Room



Albuquerque's Favorite Rendezvous  
is **COMPLETELY AIR CONDITIONED**  
the Year 'Round

*New  
and  
Convenient*

THE HILTON'S  
COPPER AVENUE  
**DRIVE-IN ENTRANCE**

Just drive in . . . unload your luggage and enter the Hilton's main lobby through the **NEW** Arcade entrance. No parking, traffic or weather problems to worry with . . . and your car is parked and returned when you need it.

**the HILTON HOTEL**

SECOND AND COPPER, NW • ALBUQUERQUE, NEW MEXICO  
CONRAD HILTON, President      Manager, MORT ODELL



# Project Highlights

- Sustainable Site
- Water Efficiency
- Energy
- Materials and Resources
- Indoor Air Quality



# Brownfield Redevelopment

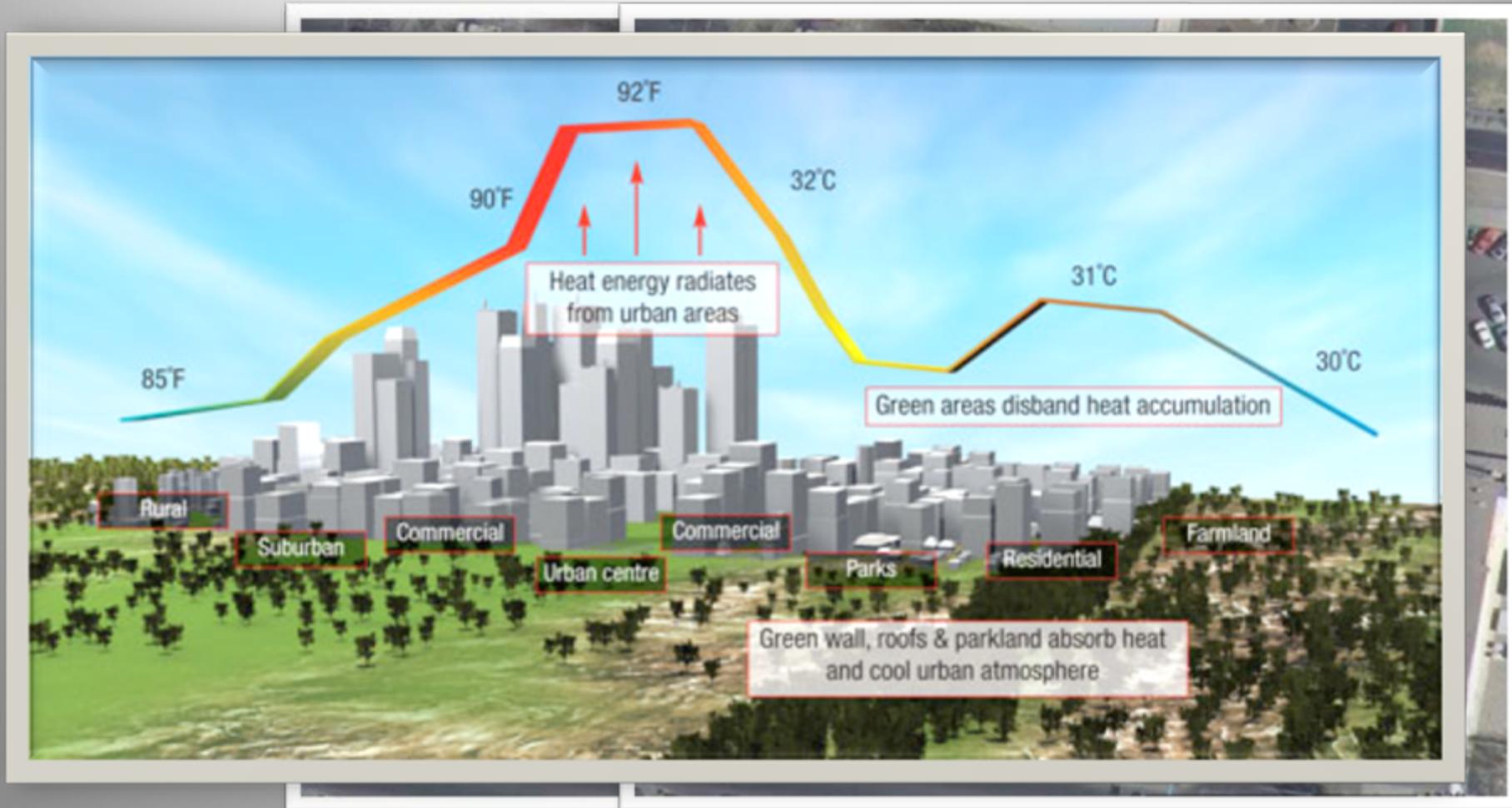


**Sustainable Sites**

**Remediation Activity**

# Sustainable Sites

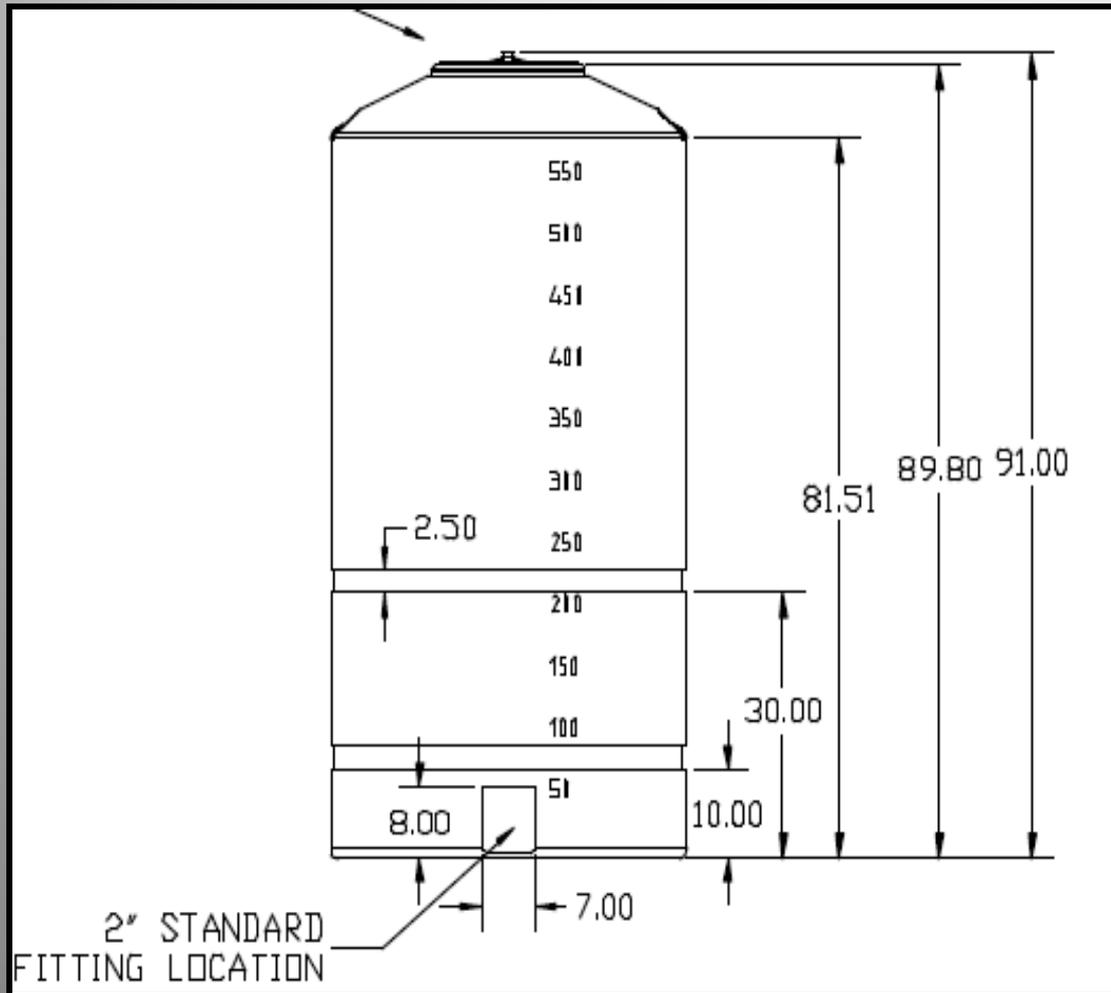
## Heat Island Effect



Non-Roof & Roof

# Sustainable Sites

## Rainwater Capture



- 3 – 2,500 Gallon Tanks
- 7,500 Gallons Total
- Over 25% Reduction in Storm-water Runoff

# Sustainable Sites

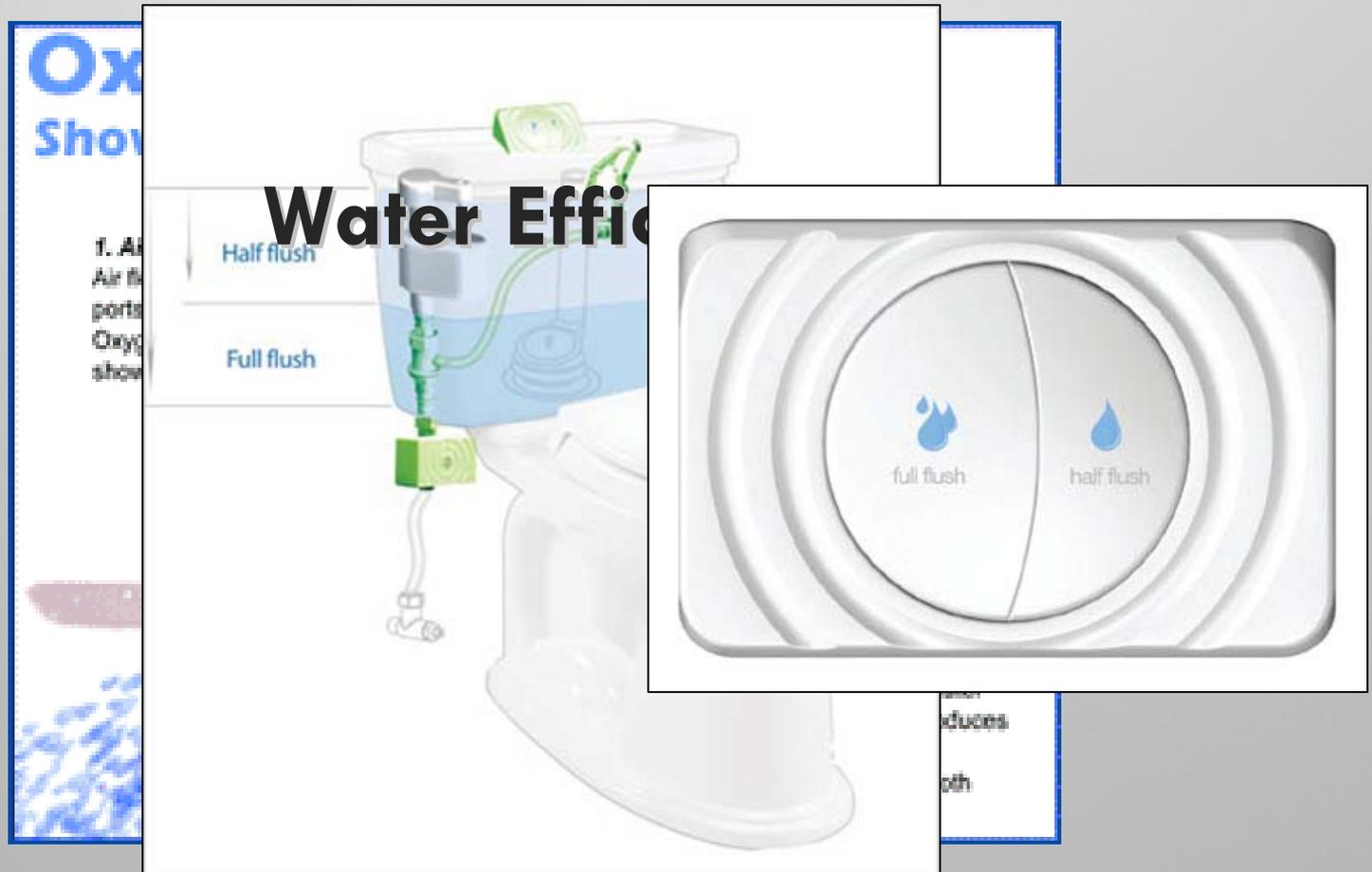
## Alternative Transportation



- Bike Storage
- Preferred Parking
- No New Parking

# Water Use Reduction

- Dual-Flush Toilets Shower Heads



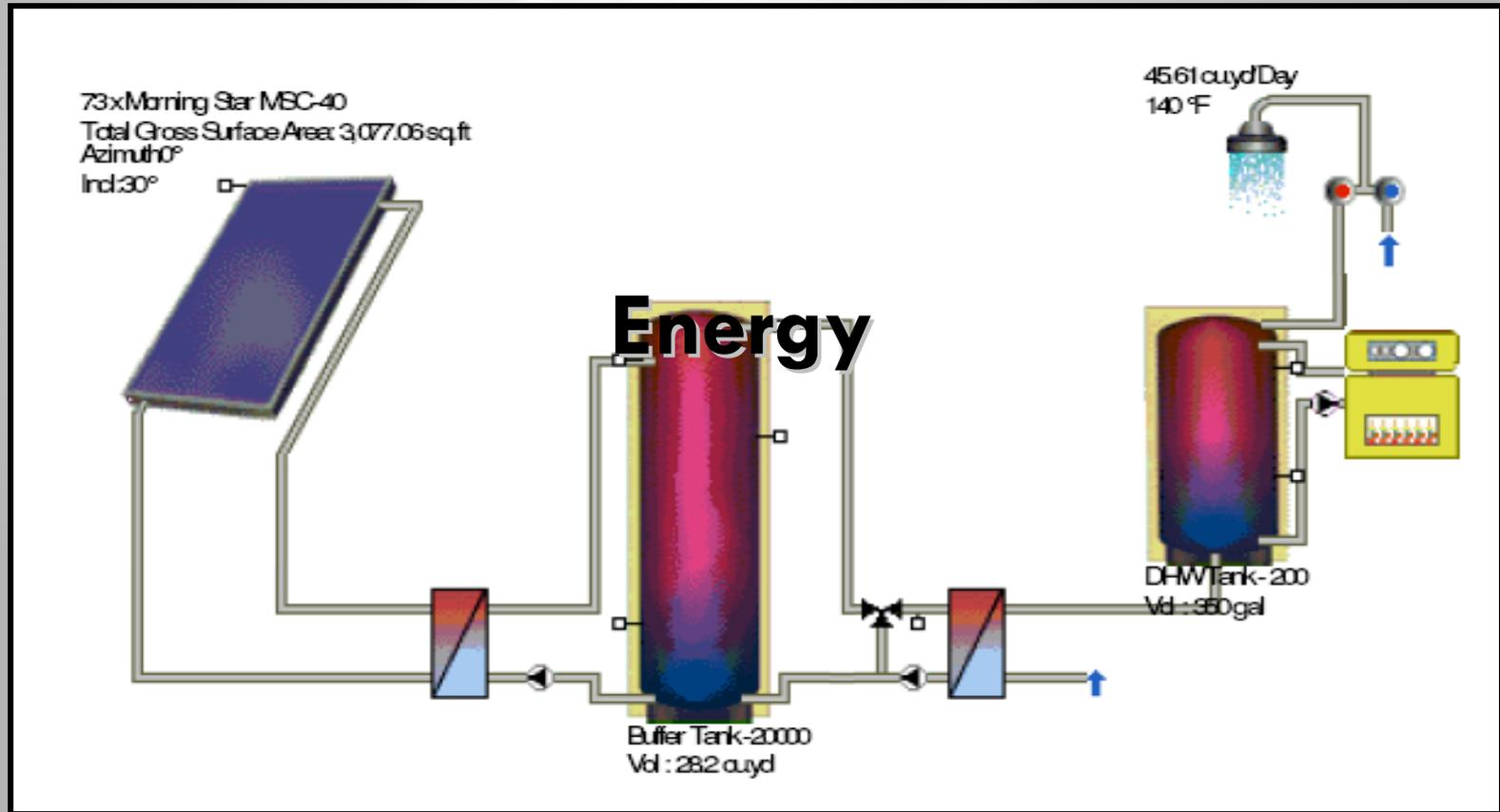
# Water Efficiency

## Landscape

- Reduce by 50%
- No Potable Water



# On-Site Renewable Energy



Solar Heated Hot Water

# Energy

## Optimize Energy Performance

- **High Performance Windows**
- **LED & Fluorescent Lighting**
- **Guestroom Occupancy Sensors**



# Energy

## 100% Green Power

### RENEWABLE ENERGY CERTIFICATE

This certificate represents the purchase of **1,638,216 kWh**  
of renewable energy credits from Renewable Choice Energy on behalf of

**Historic Hotel LLC for  
ANDALUZ**

This purchase helps save up to  
**1,093,509 lbs. of CO<sub>2</sub> annually**

  
Quayle Hodek, Chief Executive Officer

August 18, 2008  
Date

139-160  
Certificate no.

 renewable choice  
ENERGY  
[www.renewablechoice.com](http://www.renewablechoice.com)

2009

2010



# Construction Waste Management

## Cast Iron Tubs & Sinks



# Materials & Resources

## Construction Waste Management

### Porcelain Toilets & Sinks



# Materials & Resources

## Construction Waste Management



**75,000 sq. ft. of carpet**

# Materials & Resources

## Reuse



**Future vanities**

**Future restroom partitions**

# Materials & Resources

## Bamboo



- Fastest growing plant on the planet
- Does not require replanting
- Replenishes nitrates that prevent soil degradation

# Materials & Resources

## FSC

- Forest Stewardship Counsel (FSC) Certified Wood Floors



# IAQ Plan & Low-Emitting Materials

- IAQ Plan
- Indoor Env
- Low VOC
- Green Cleaning Supplies



# Education

## Total Energy Consumption

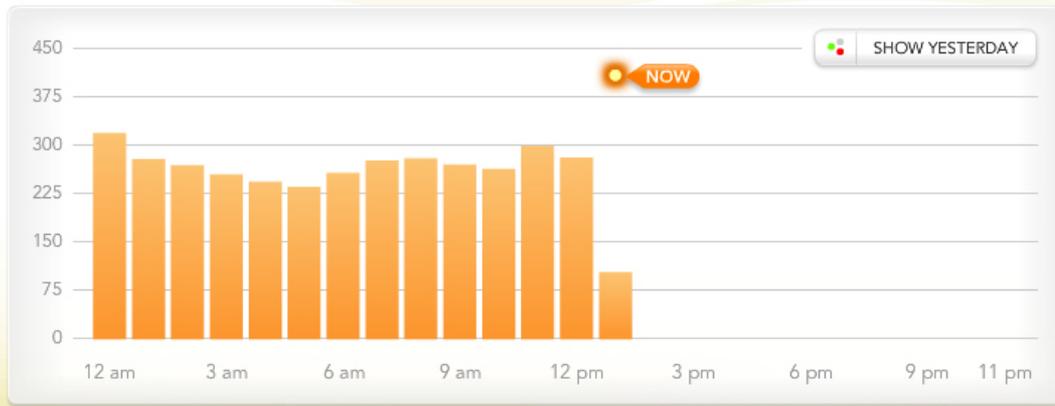
Kilo-BTUs of energy consumed today



5 Cowperthwaite  
276 occupants

3,648  
Kilo-BTUs

8%  
PERFORMANCE NOW



Comparison History Unit equivalent

Introduction All Systems Electricity Water Heating Cooling Compare Competition Weather Buses Events

LucidDesignGroup



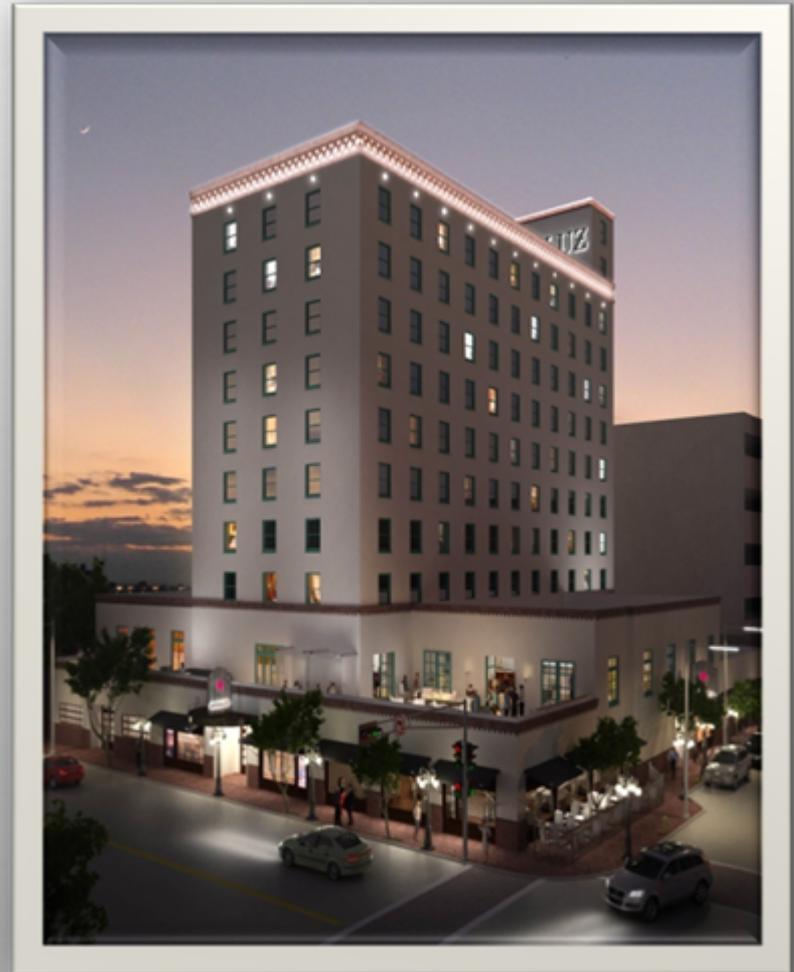
# Dashboard

# Hilton Hotel



1939

# Andaluz



2009

# Lobby



1939



2009

# Suite G



# Suite H



# Washroom





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