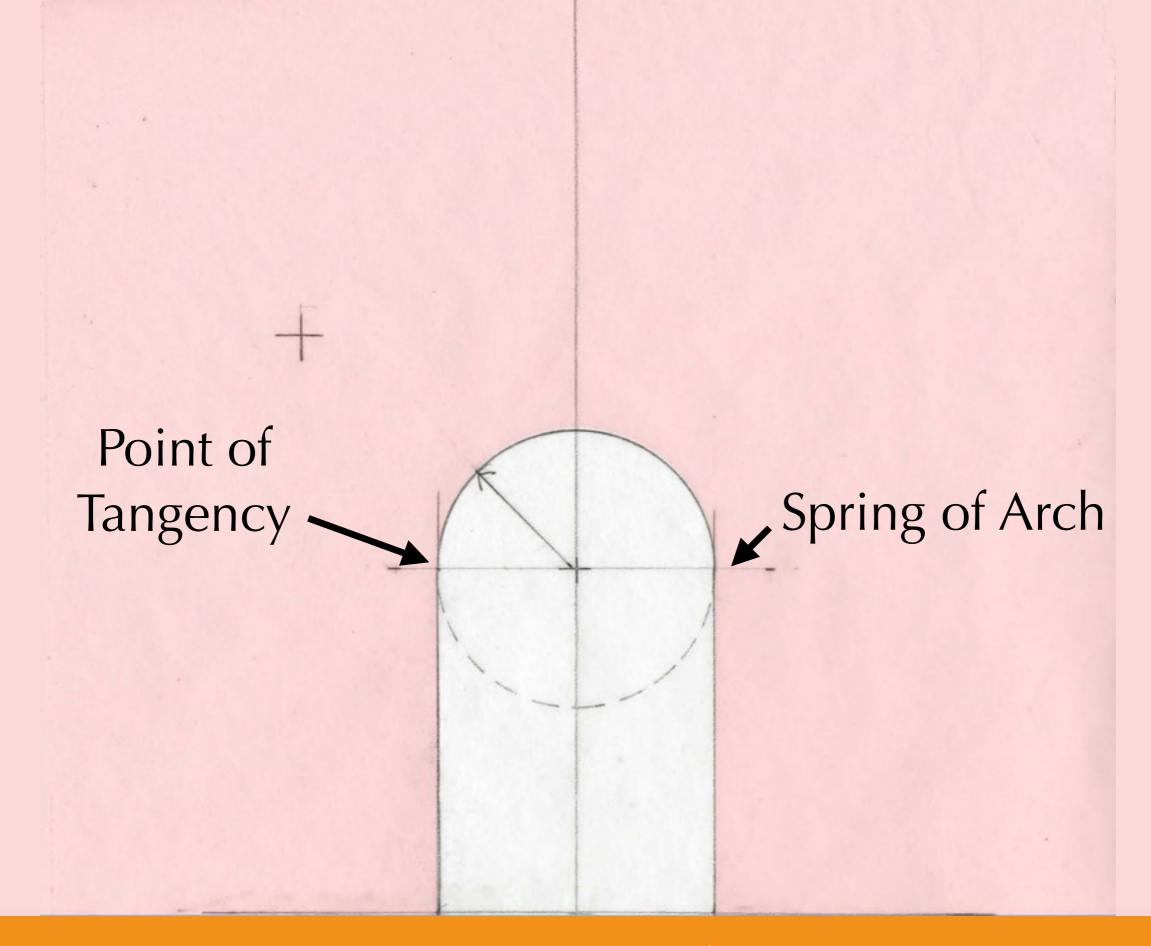
HISTORY OF ARCHITECTURE I ARC 2313 - SPRING 2022

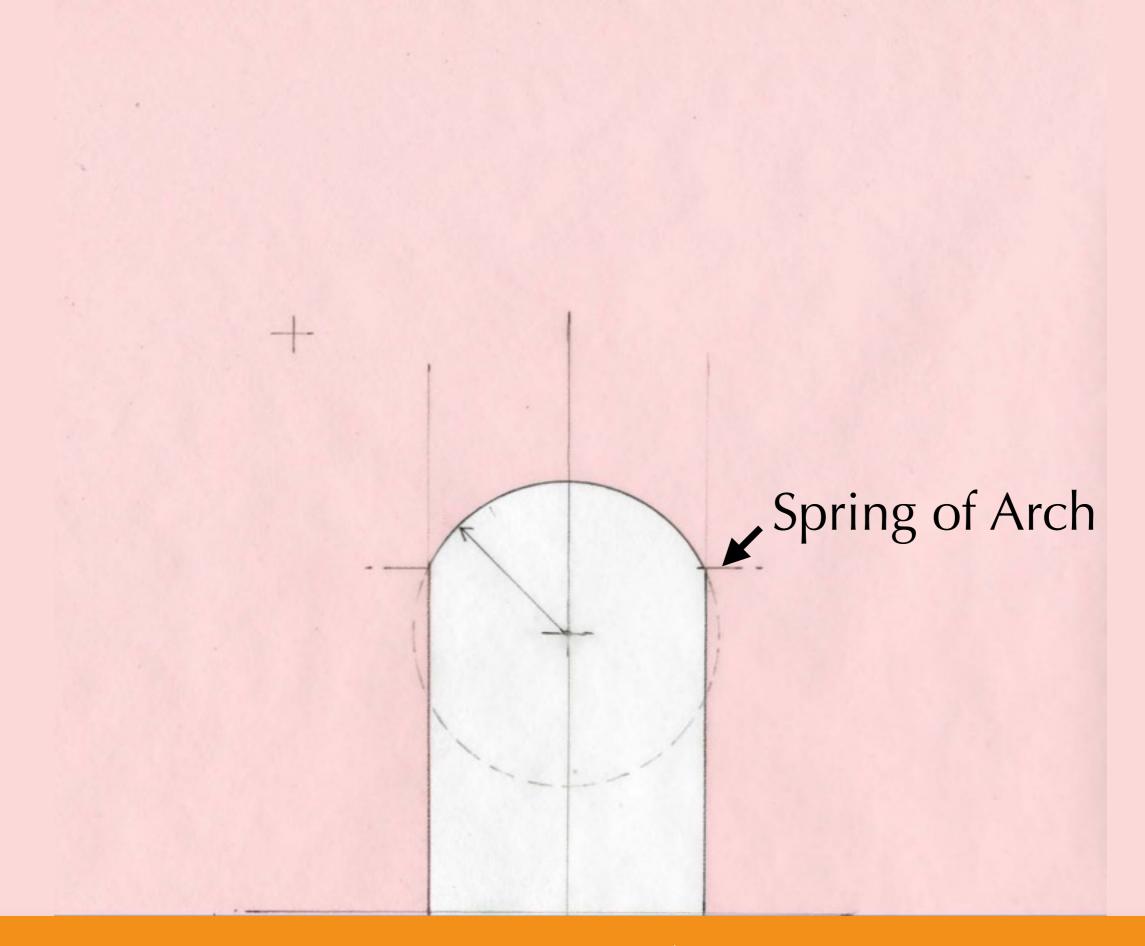
LECTURE-18 7 MARCH 2022

For Wednesday, 9 March Ingersoll: 216-225, 265-279 Reminder: Test #2 Wednesday, 23 March 2022 (Lectures 12-21)

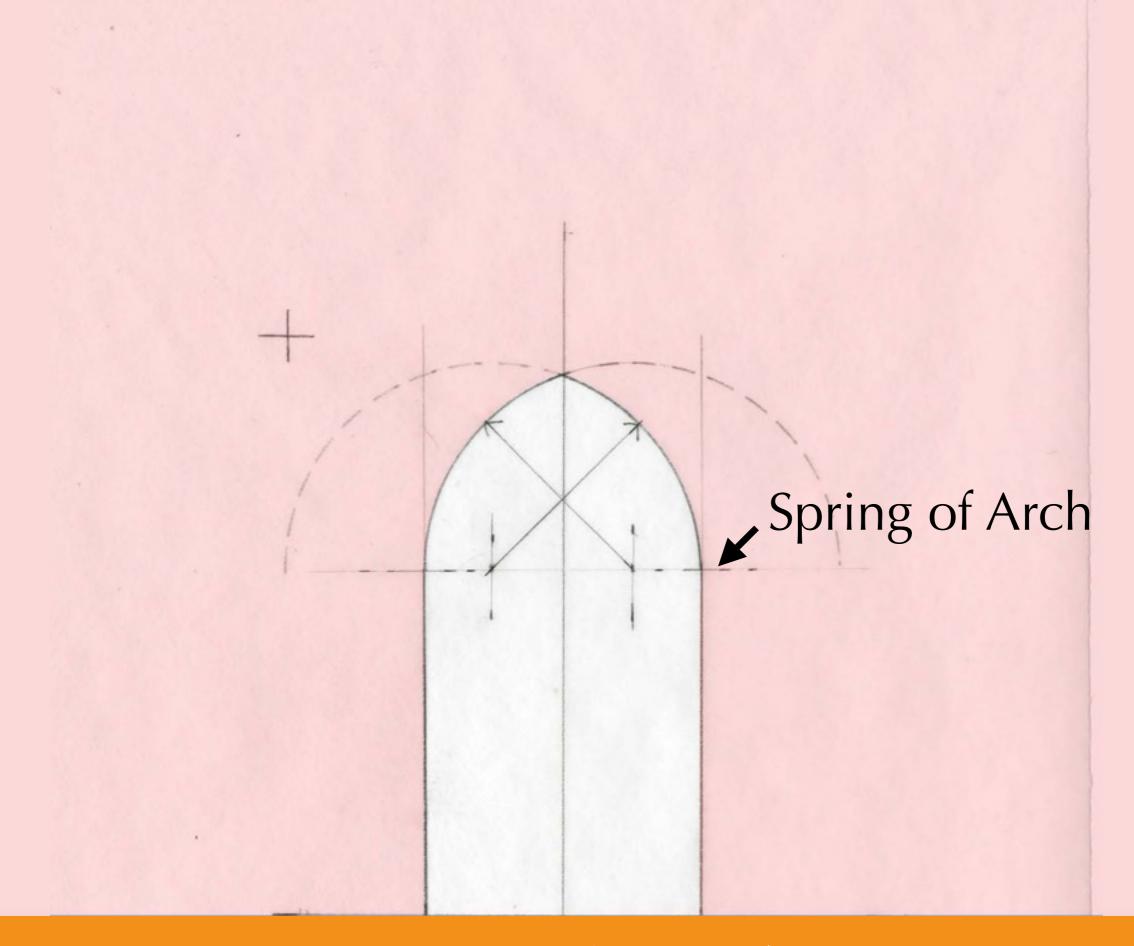




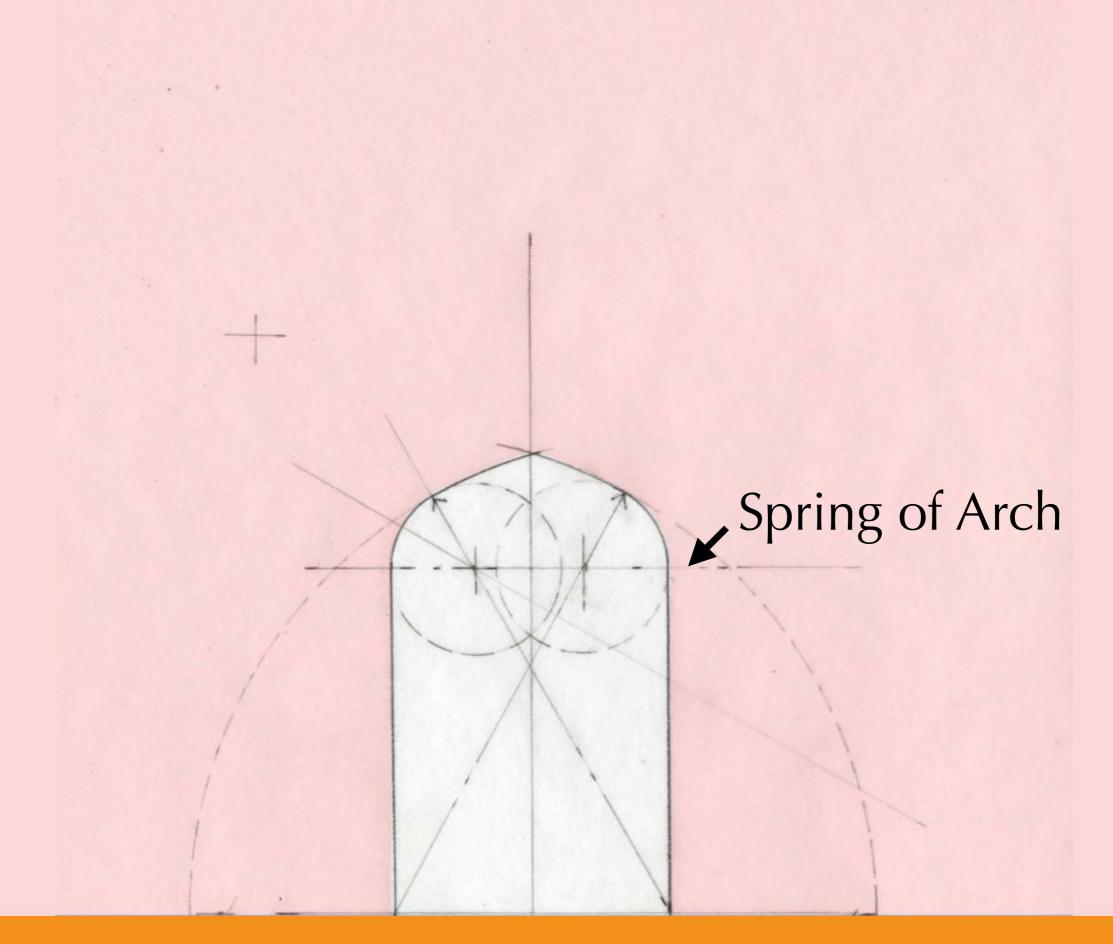
HALF-ROUND ARCH



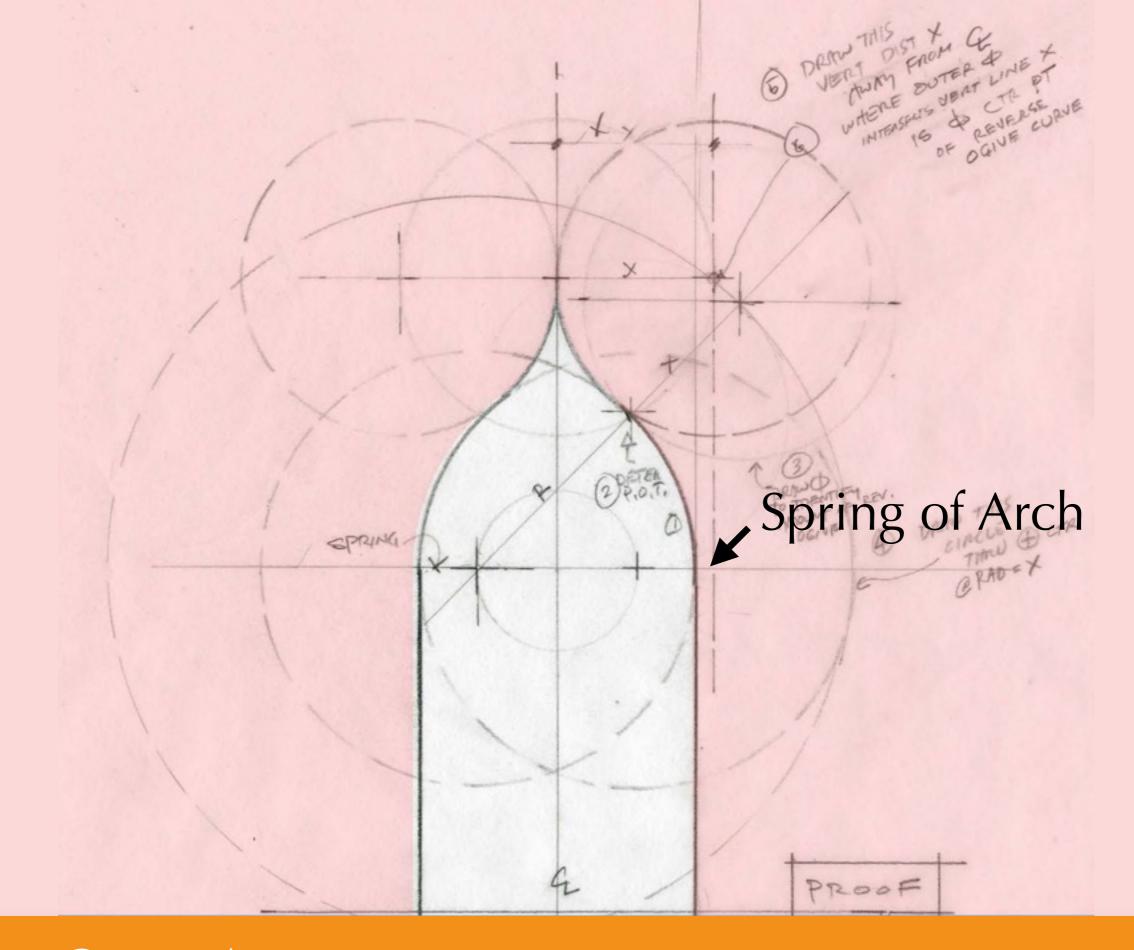
SEGMENTAL ARCH



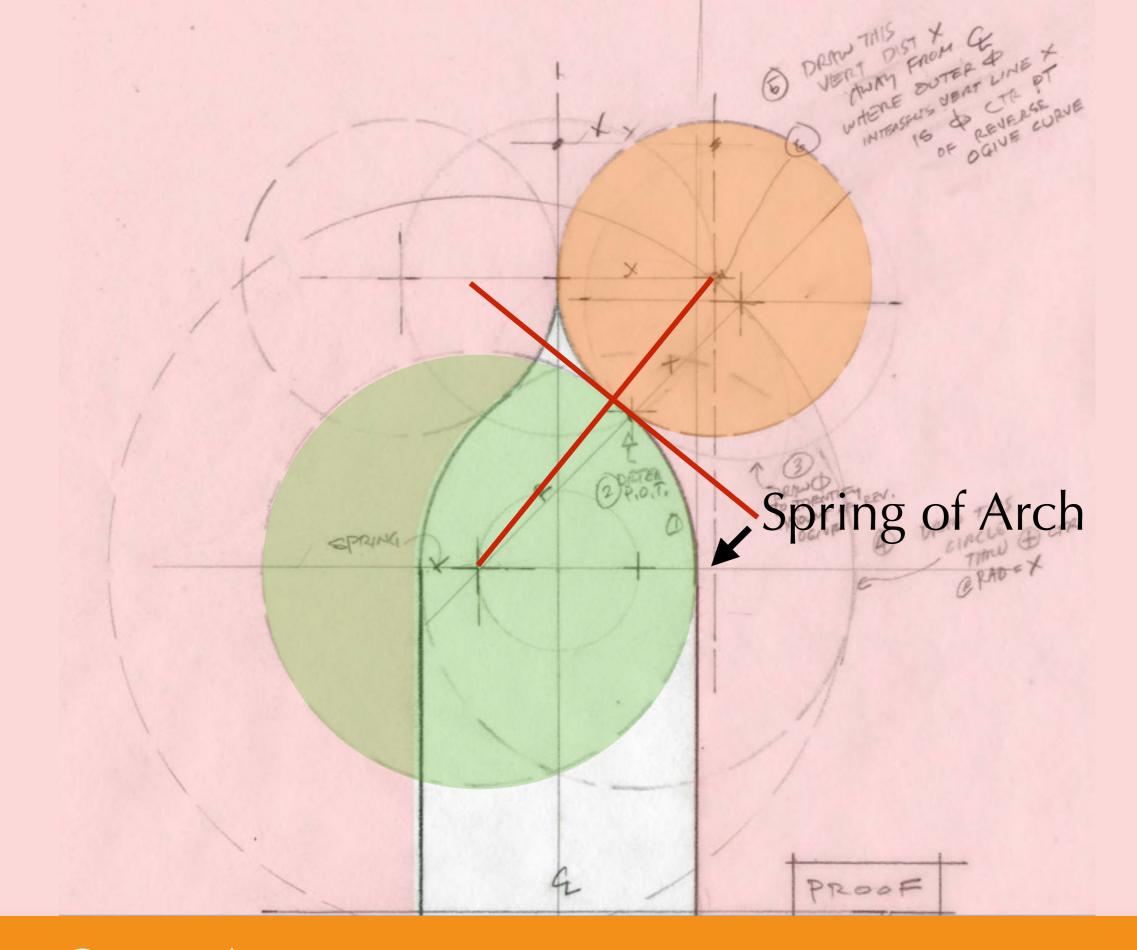
POINTED OR OGIVE ARCH



FOUR-CENTERED ARCH



OGEE ARCH - TANGENT REVERSE OGIVE



OGEE ARCH - TANGENT REVERSE OGIVE

Islamic Realms in Central Asia Domes of Power ~ Gardens of Paradise



Genghis Khan 1162-1227 Nomadic, brutal, violent conquerer of much of asia Did not build permanent architecture or societies

After three generations, however, permanent dynasties emerged under *Islamic influence*:

Samarkand — Timurid Dynasty in (Uzbekistan) Isfahan — Safavid Dynasty in (Iran) Agra — Mughals Dynasty (Northern India)

Land under the rule of the Mongol Empire Dynasty (1206-1368 AD)



Silk Road Ghengis Kahn's Mongol Empire



Silk Road



Timur

a.k.a. *Tamerlane*

1370-1405 CE

Timur (a.k.a. Tamerlane) ruled 1370-1405



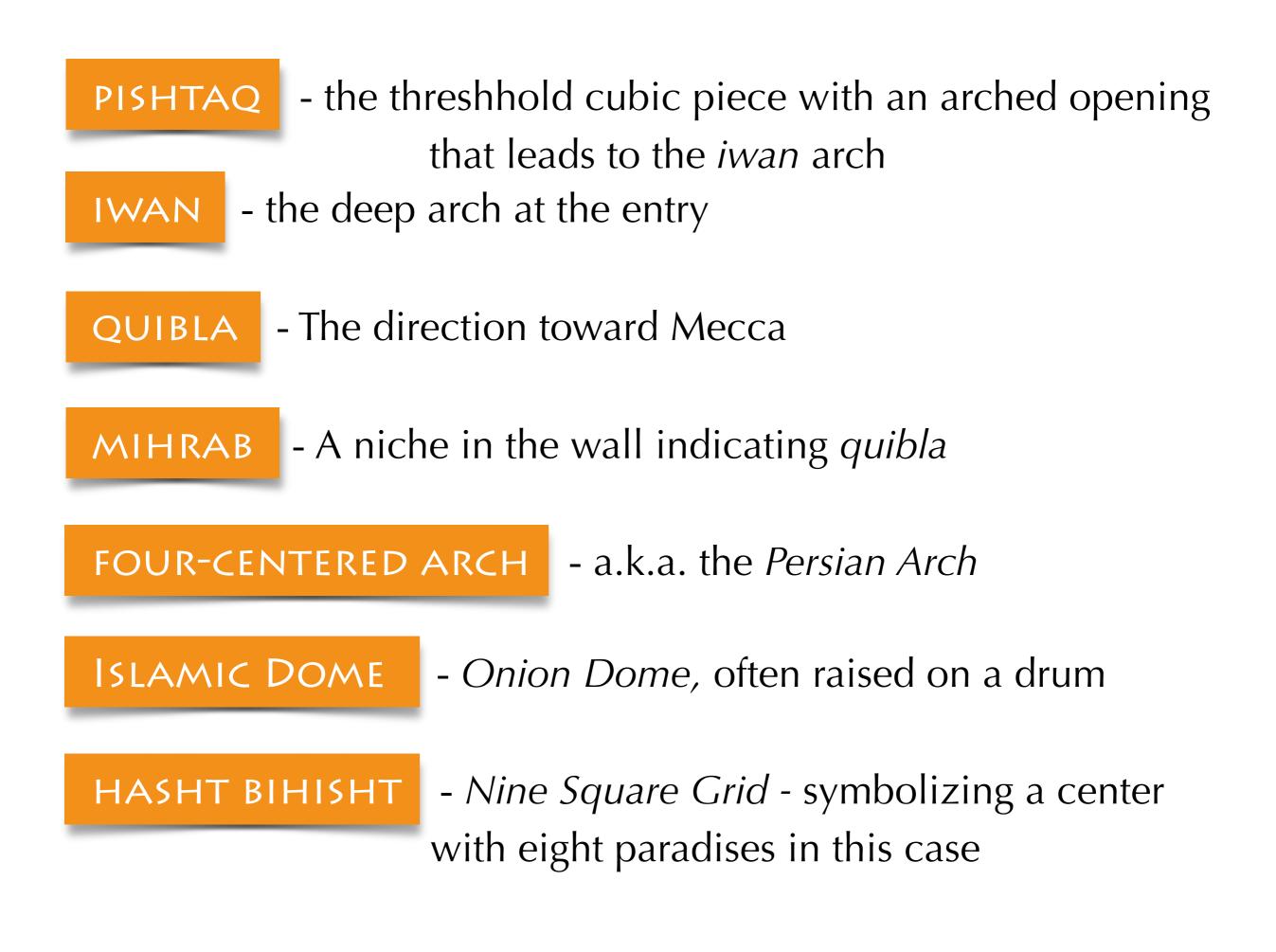
(borrowing architecture from the Persians) *ruthless, violent, intimidating* establishes capital at *Samarkand*

in modern-day Uzbekistan

REGISTAN IN SAMARKAND

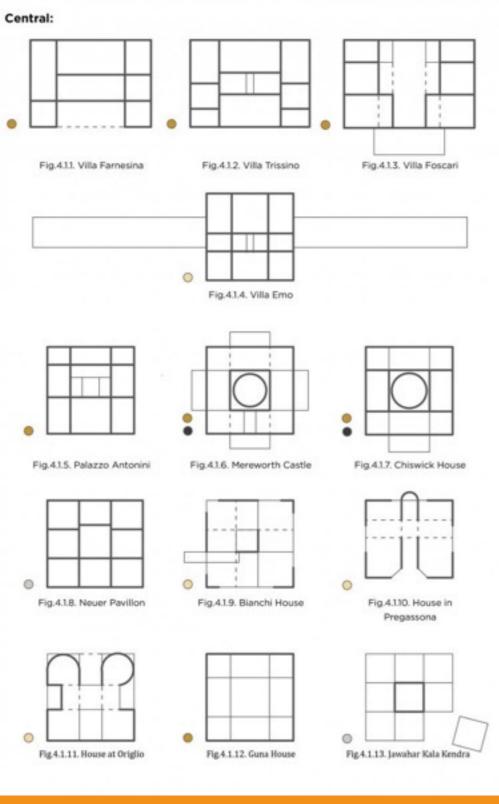


~ **Registan** means desert or sandy place ~ a public place with three **madrasas** (schools)



The Architectural Diagram

CONCLUSIONS:





Bishop Theodulf of

Fig.4.1.17. Kampung Hulu

mosque

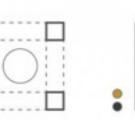






Fig.4.1.16. Taynal mosque

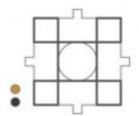
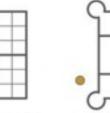


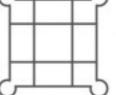
Fig.4.1.19. Tomb of Ahmad Shah



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Fig.4.1.18. Kampung Kling mosque





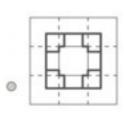


Fig.4.1.21. Tomb of Itmadud-Daula

Fig.4.1.22. Tomb of Abdullah Gutb Shah



Increase in size of center Decrease in size of center Same size of center Contrast in shape

THE NINE SQUARE GRID - ancient universal diagram for organizing existential space and hierarchy



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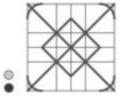
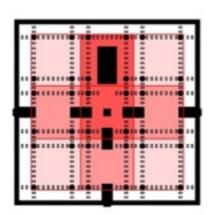
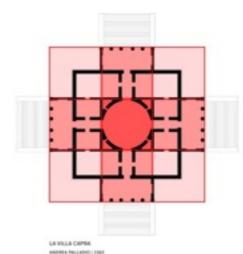
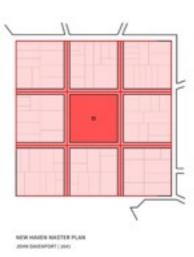


Fig.4.1.23. La Plata city plan, Argentina







These generations and the second seco

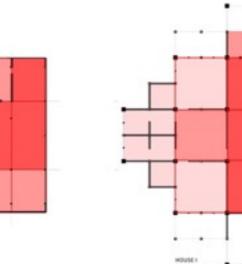
TEMPLE OF SOLDHON

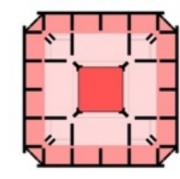
σ

VILLA SAVORE

of computers (1993)

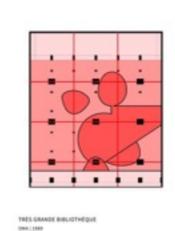
PETER DISONNAN | UNT





PHILLIPS EXETER ACADEMY LIBRARY LOUIS HAVE (1971)

VILLA HERSTEN GESRS | 2010



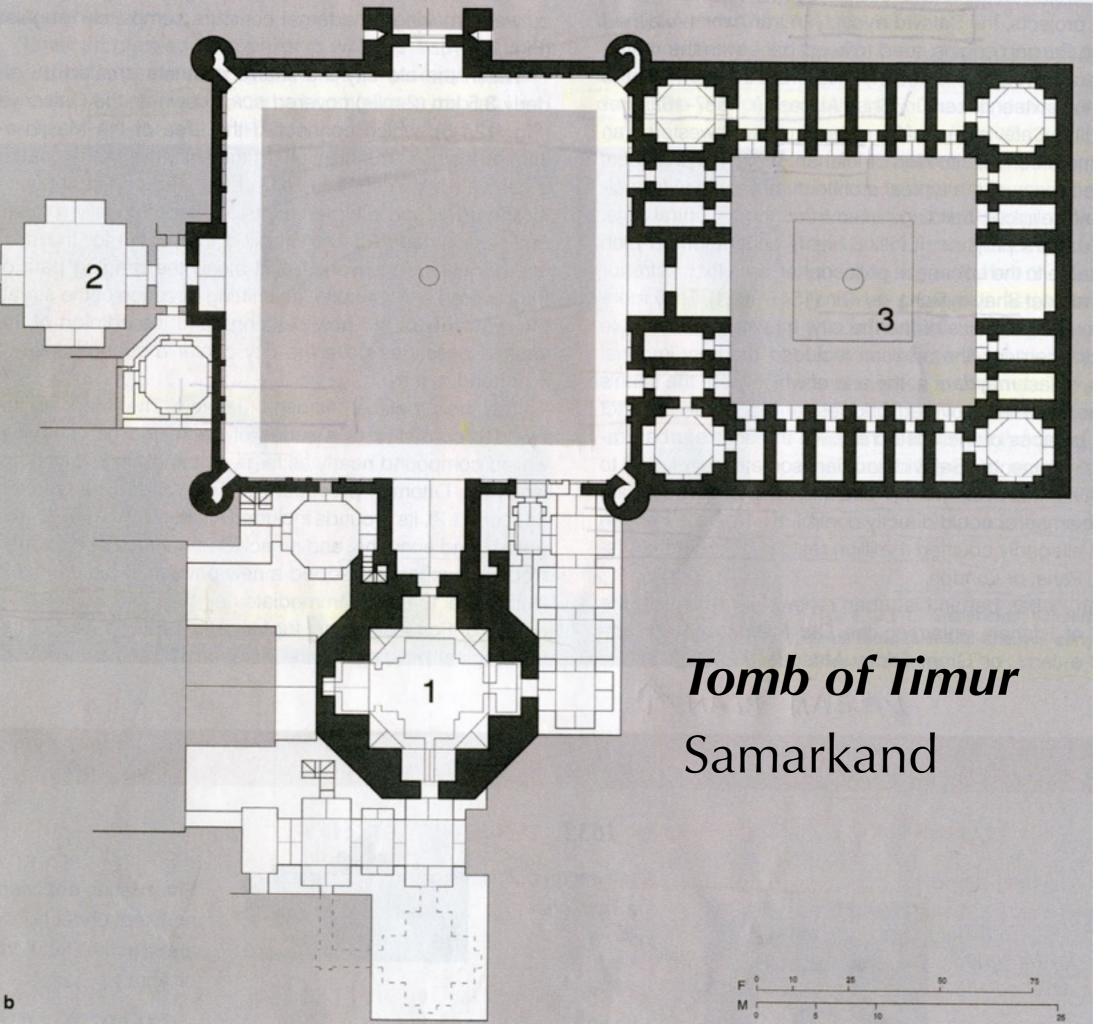
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John HLIDUR | 1004

THE NINE SQUARE GRID - ancient universal diagram for organizing existential space and hierarchy



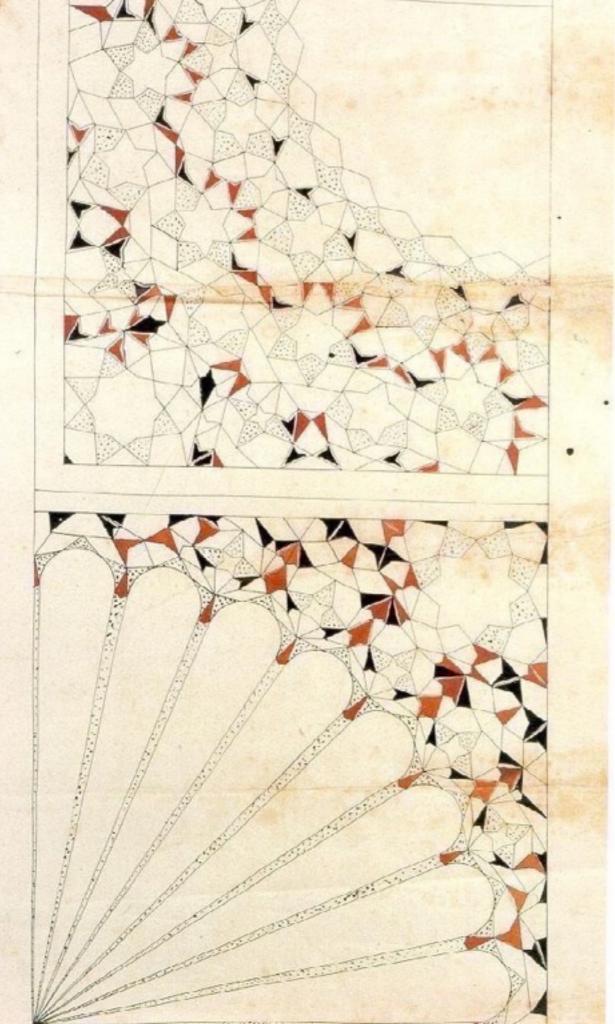
Registan in Samarkand

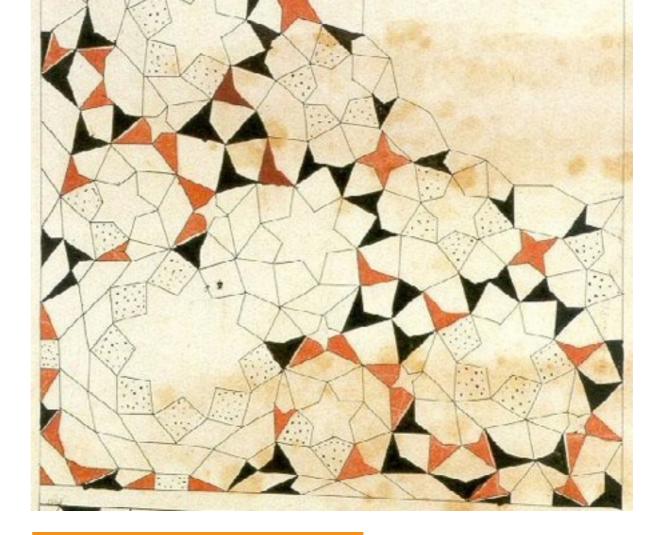




Tomb of Timur







MUQARNA



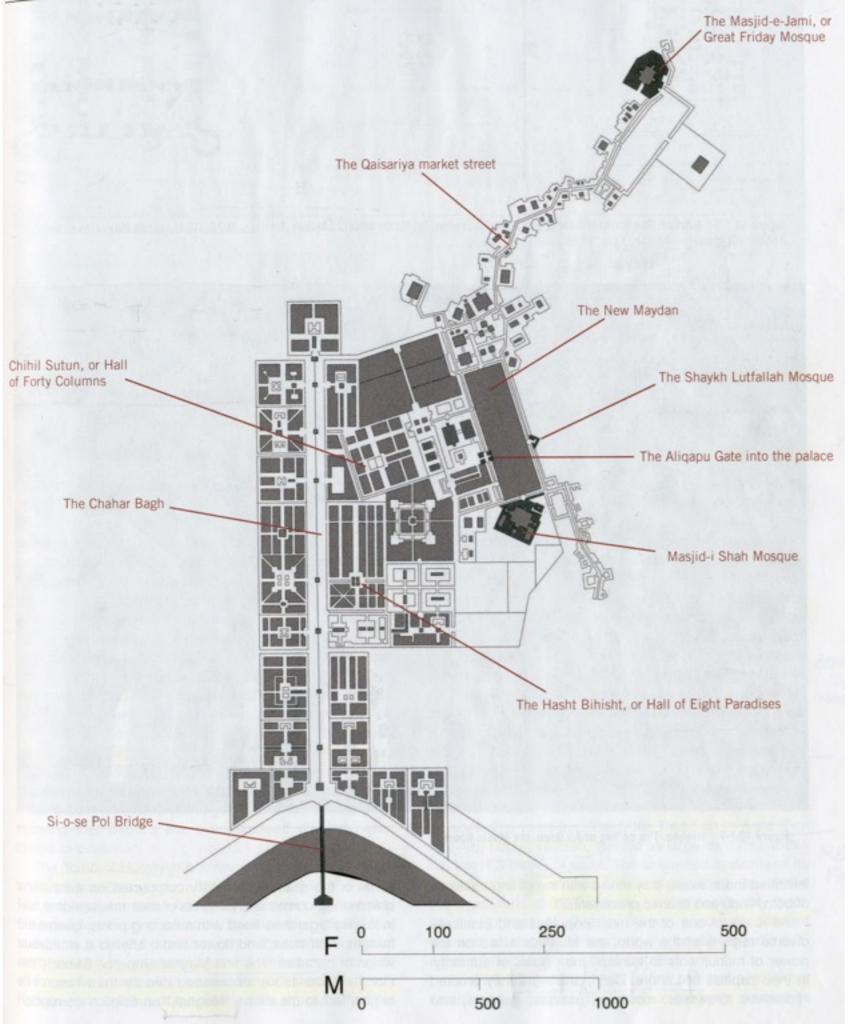


SAFAVID DYNASTY

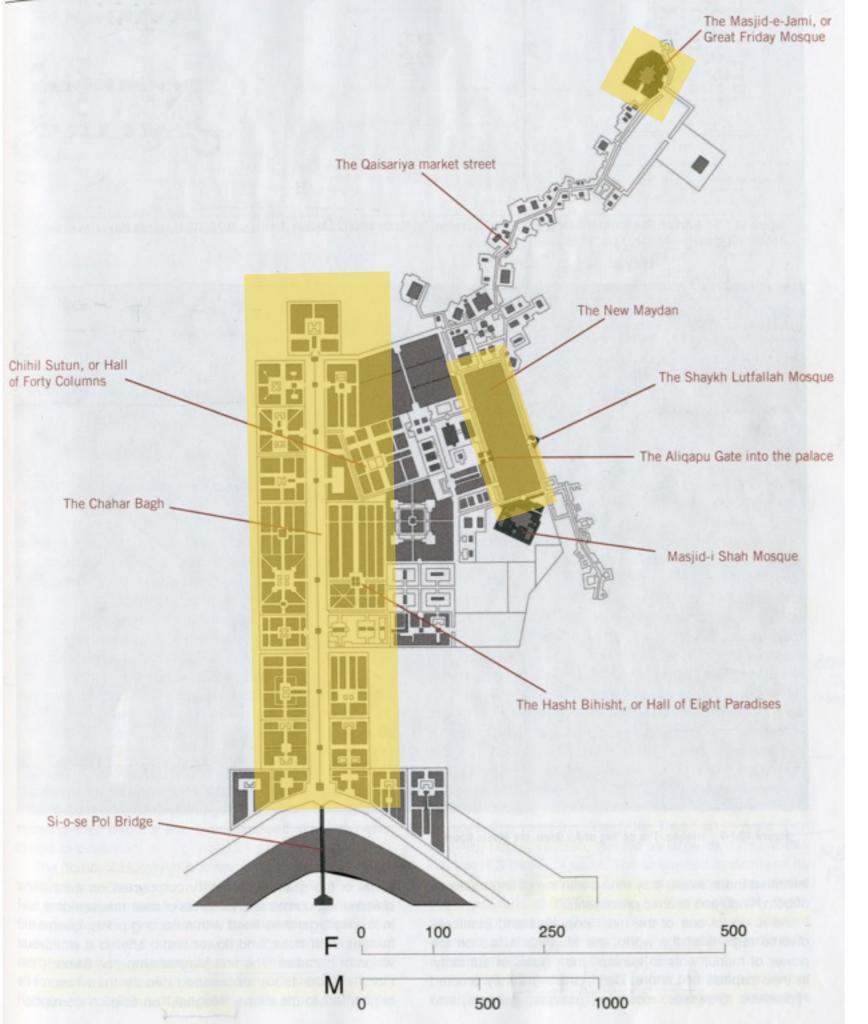
(Persians)

Shah Abbas Ruled **1587-1629**

Establishes capital at Isfahan

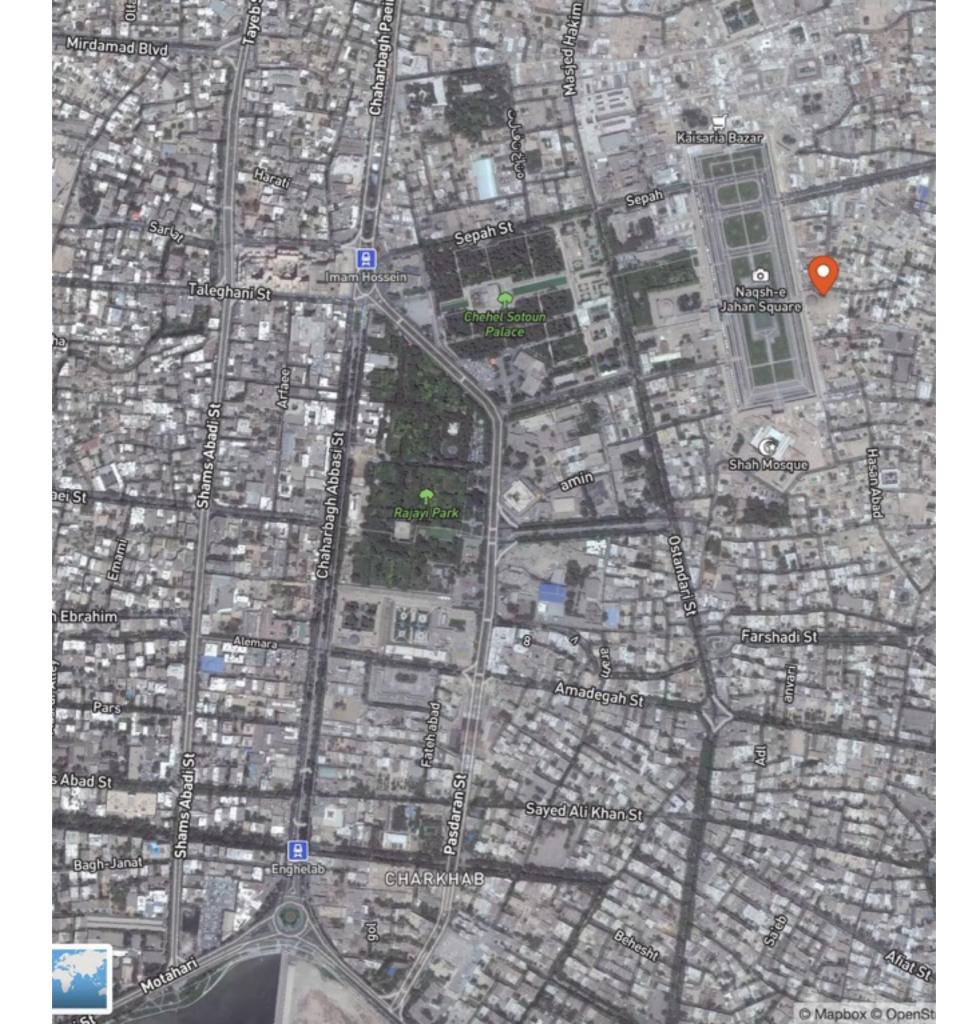


Isfahan (ESS-fa-han) Persia Modern-day Iran Urban Plan featuring markets, mosques, water features, palaces, and a bridge



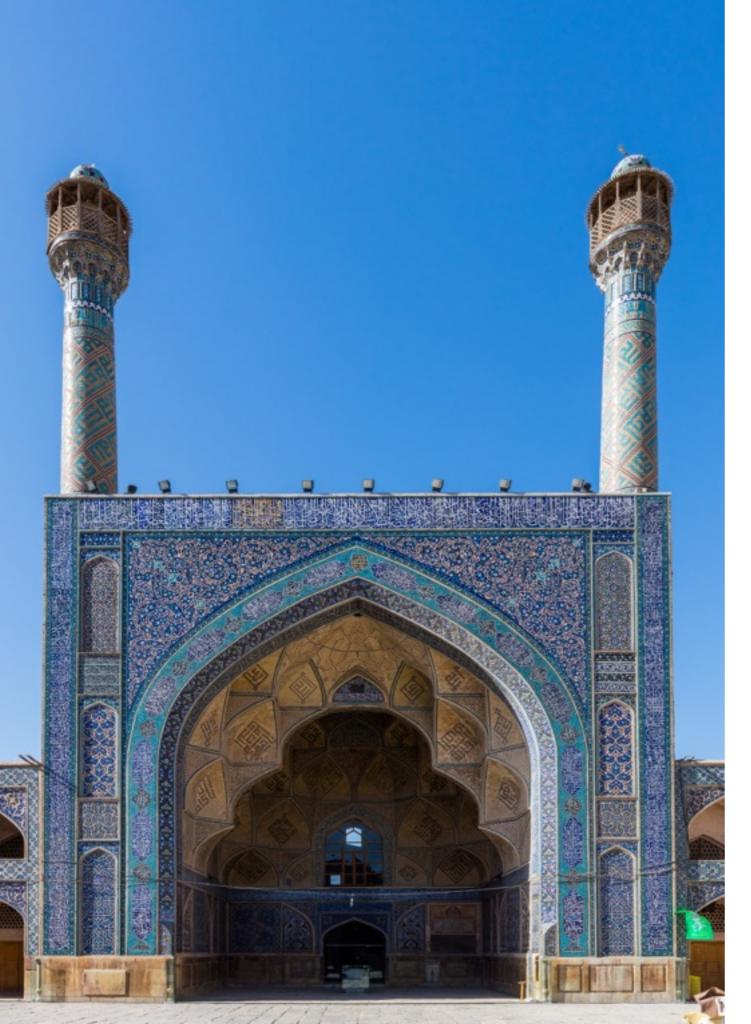
Isfahan (ESS-fa-han) Persia Modern-day Iran Urban Plan featuring markets, mosques, water features, palaces, and a bridge







Masjid-e-Jami or the Great Friday Mosque in the Old City



Masjid-e-Jami or the *Great Friday Mosque*

Masjid-e-Jami or the Great Friday Mosque



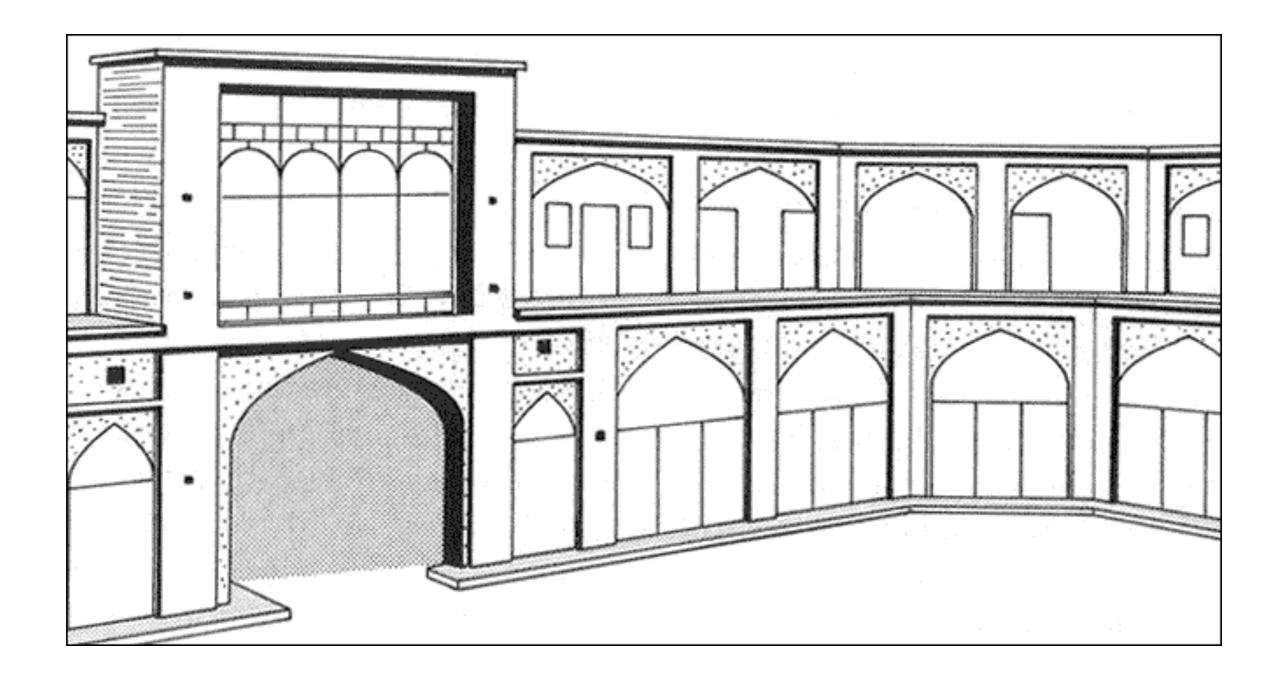
Masjid-e-Jami or the *Great Friday Mosque*



Masjid-e-Jami or the Great Friday Mosque

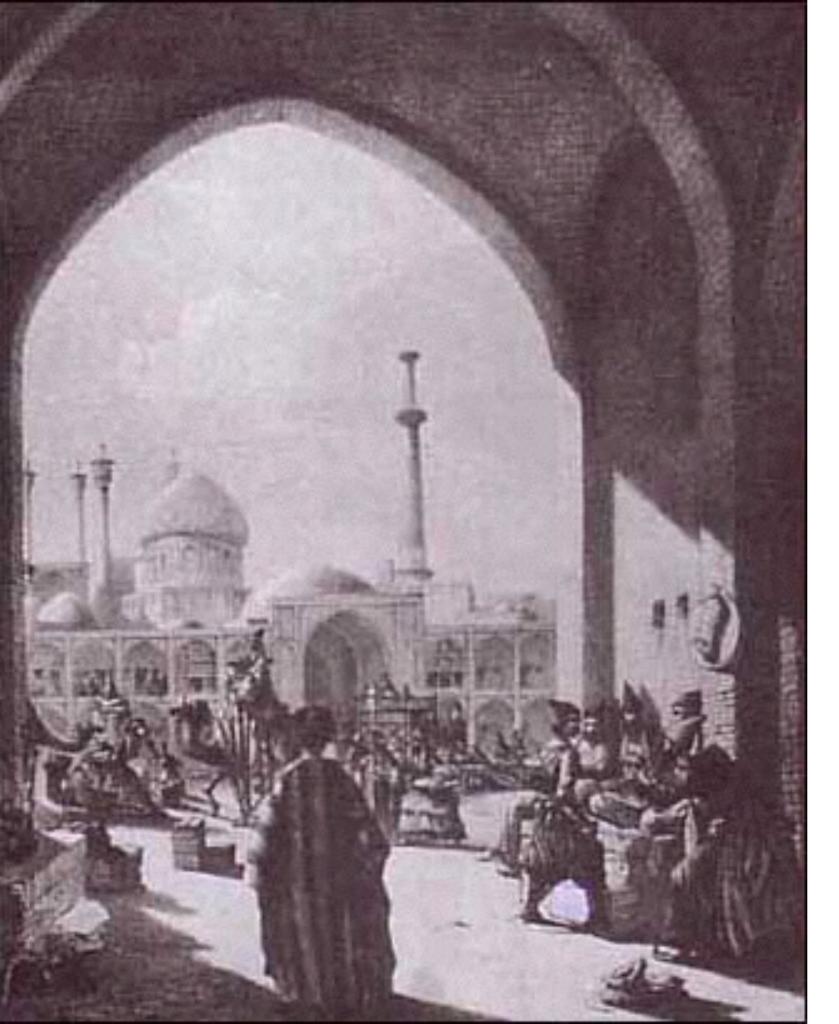


Covered bazaar or market leading from the Old City to the *New Maydan* (new market)

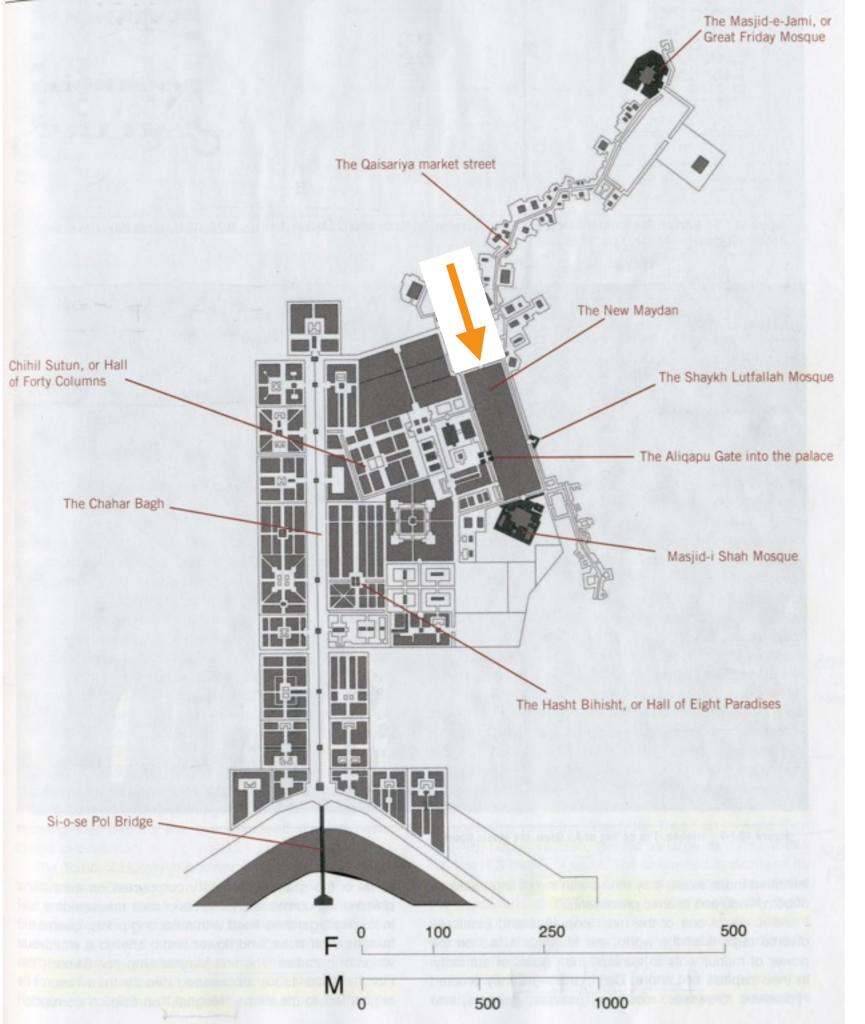


caravanserai

A hostel or stopping place for caravans on the Silk Road (basically think of it as a Motel-6)



caravanserai



Isfahan (ESS-fa-han) Persia Modern-day Iran Urban Plan featuring markets, mosques, water features, palaces, and a bridge



New Maydan - 1598



New Maydan - 1598

Shaykh Lutfallah Mosque 1603 Across from Ali Qapu Gate

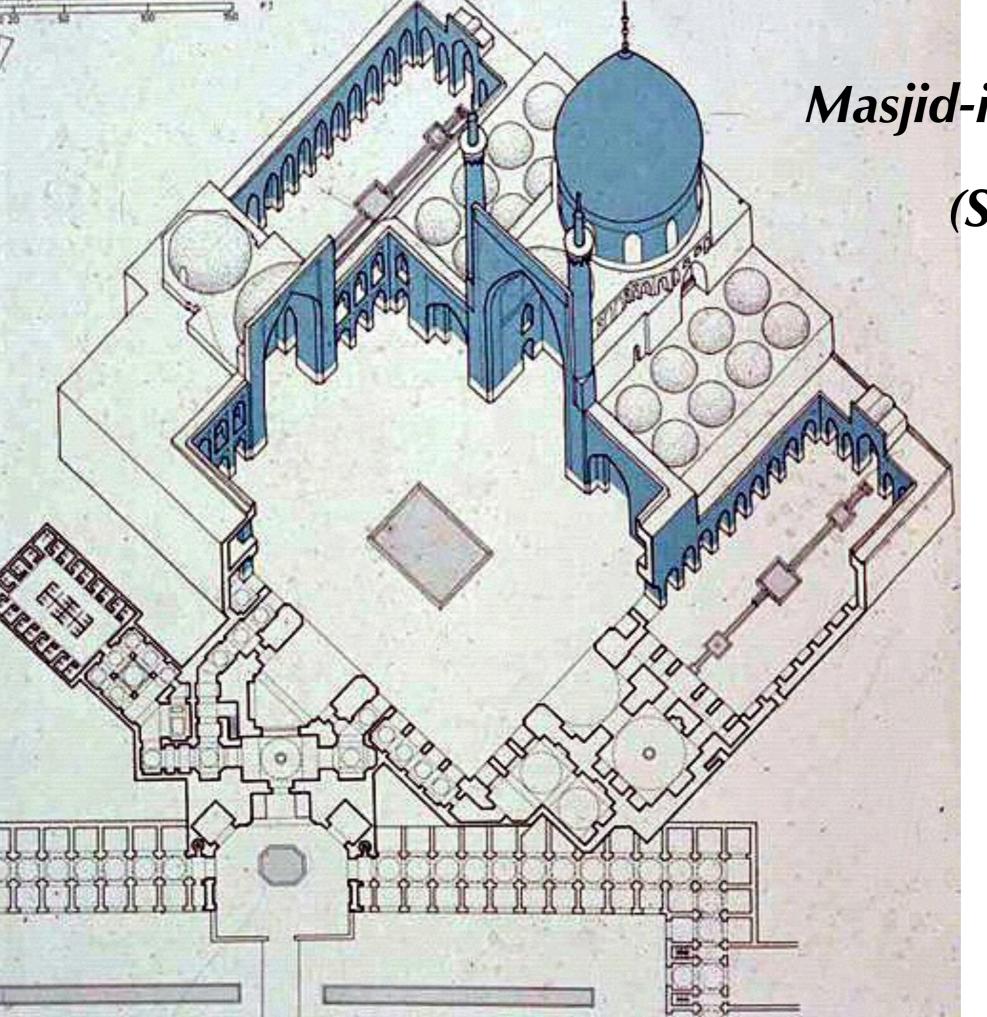
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Masjid-i-Shah Mosque

(Shah's Mosque)

quibla

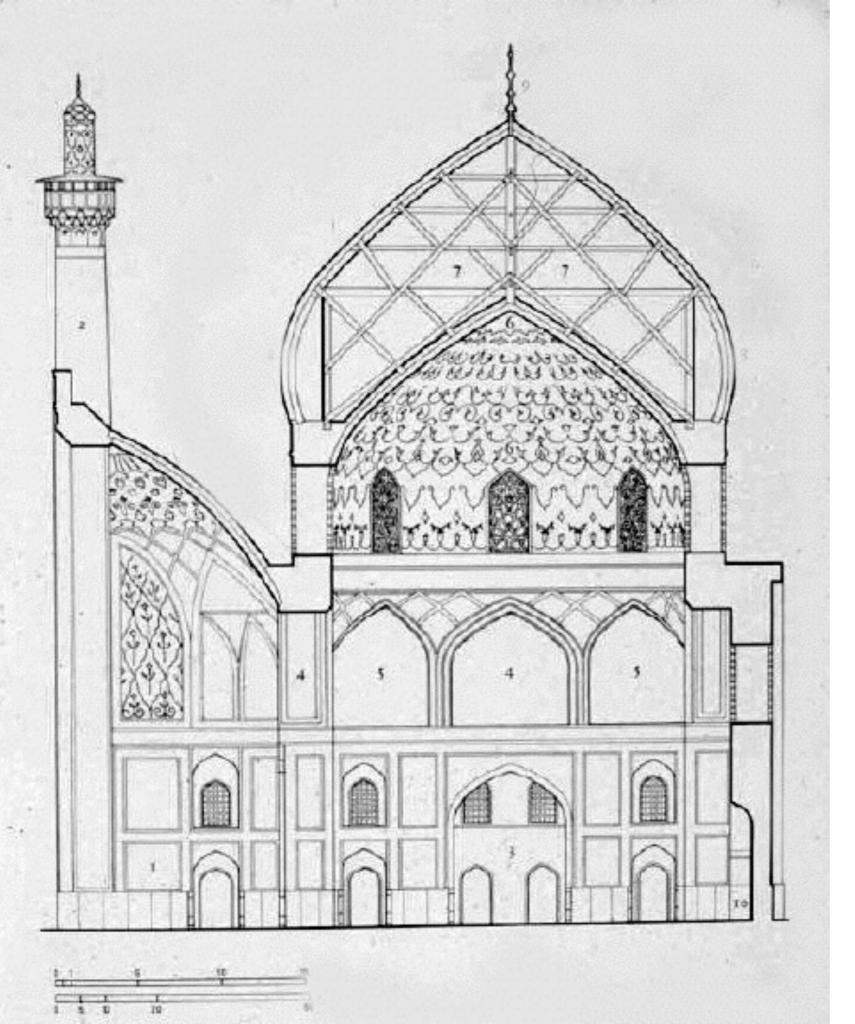
Masjid-i-Shah Mosque 1611

1

www.molon.de

Alfry

on



Masjid-i-Shah Mosque

Si-o-se-Pol Bridge in Isfahan on axis with Chahar Bagh Avenue (1602)

(Chahar Bagh means "four gardens," but in Isfahan it's the landscaped boulevard axis)





Akbar the Great - Ruled 1556-1605

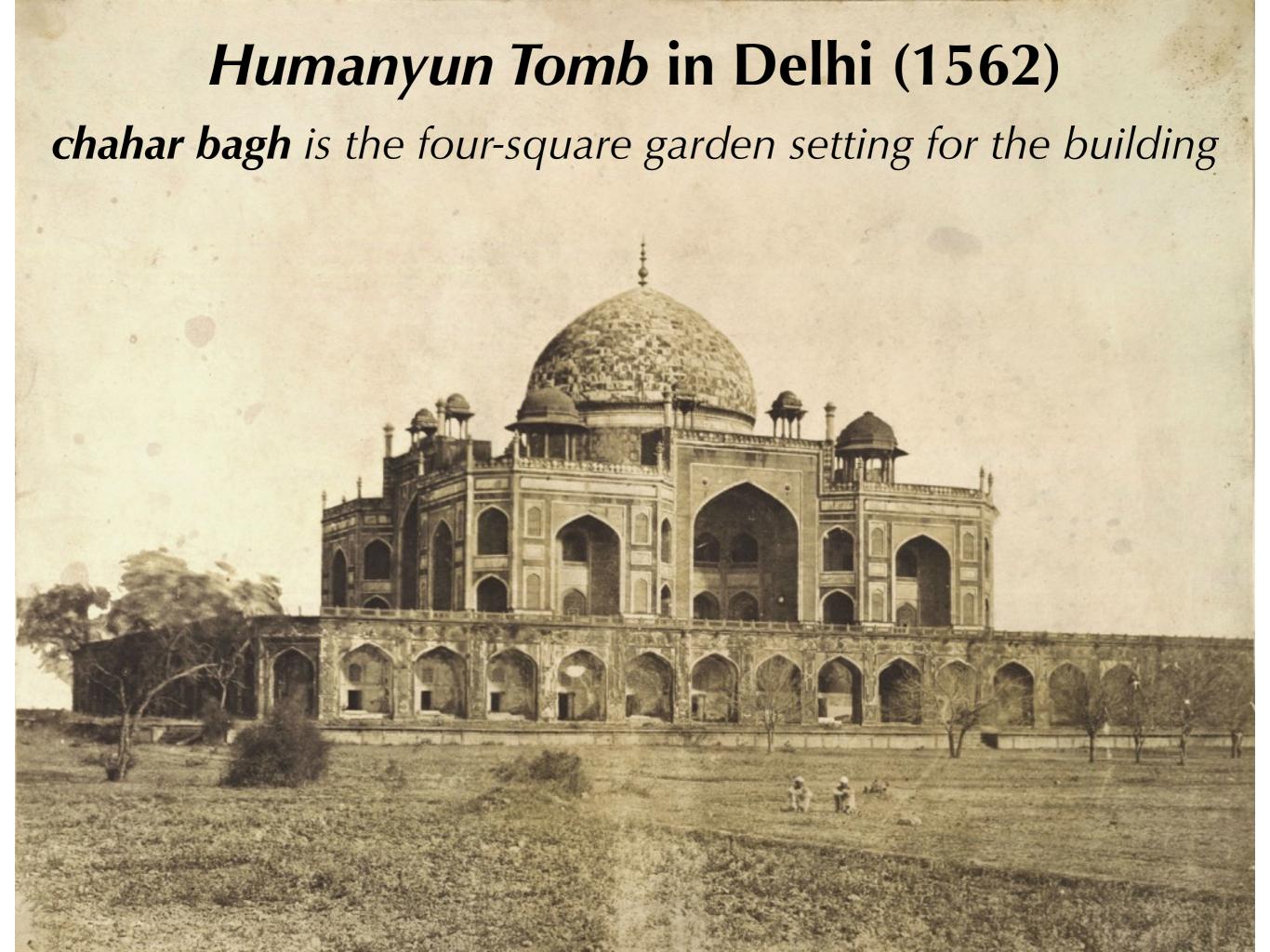
- 1) Hindu plus Islamic features
- 2) Mughals intermarry w Persians
- 3) Shared in bureaucracies

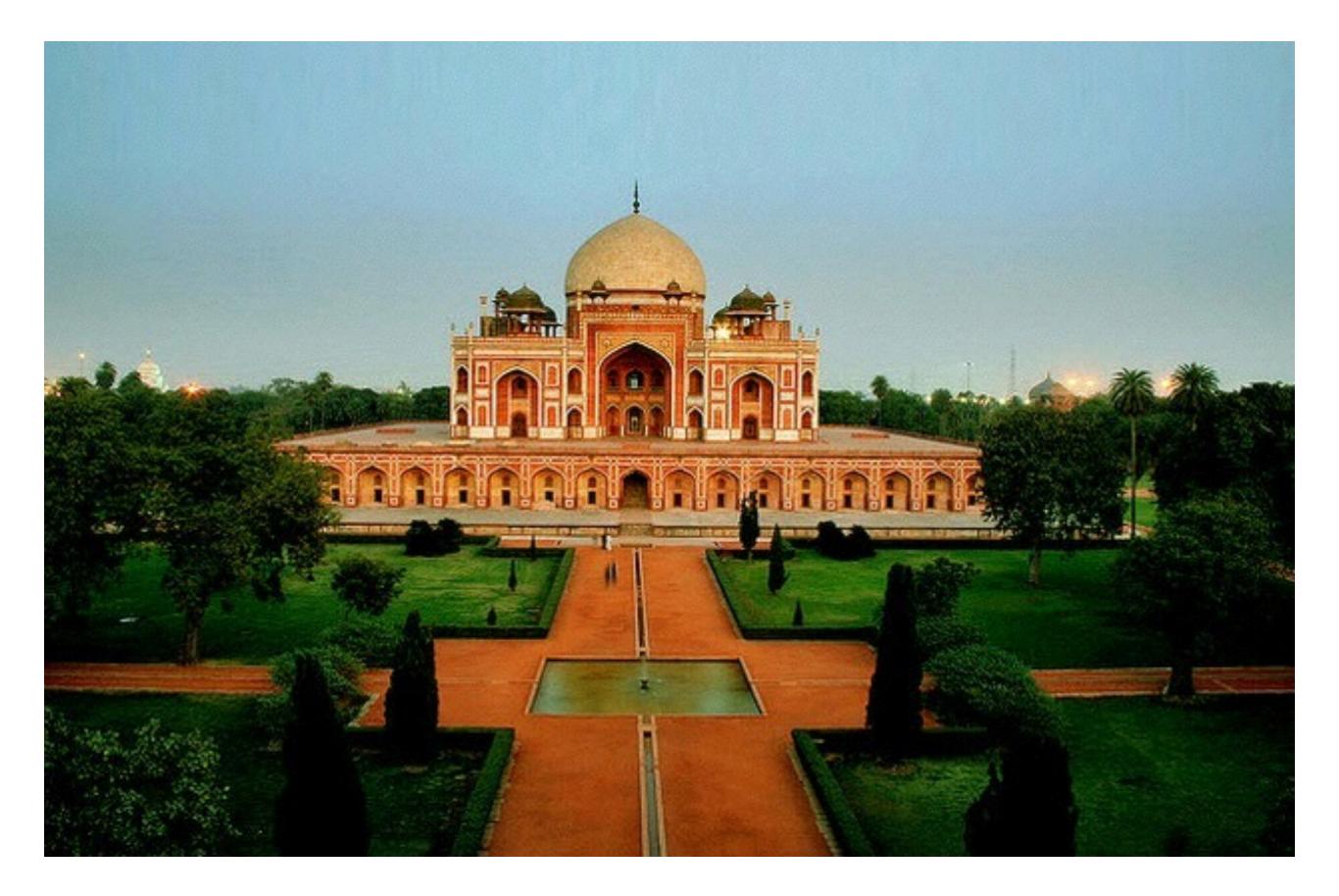
Akbar builds tomb for his father:

Humayun in Delhi c 1562



Humanyun Tomb in Delhi (1562) chhatris on top (domed kiosks)





Inside the chahar bagh (four gardens)

Son Office of Allens

CHAHAR BAGH

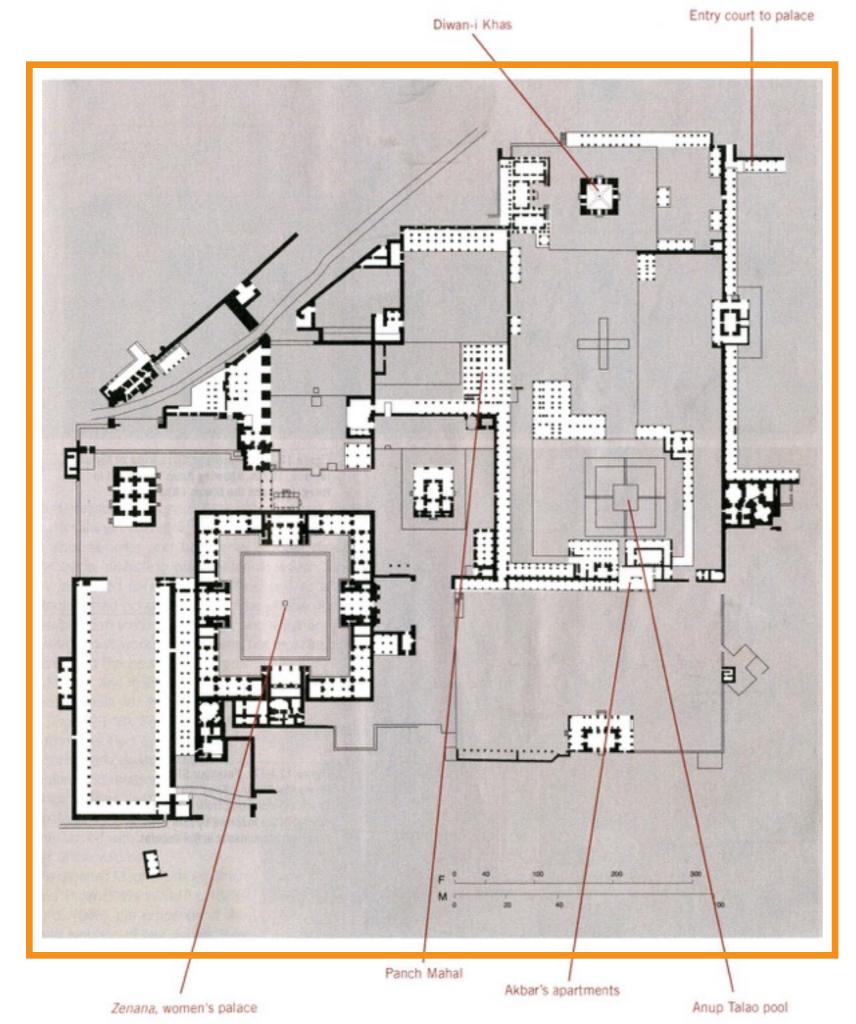


Red Fort in Agra (1566)

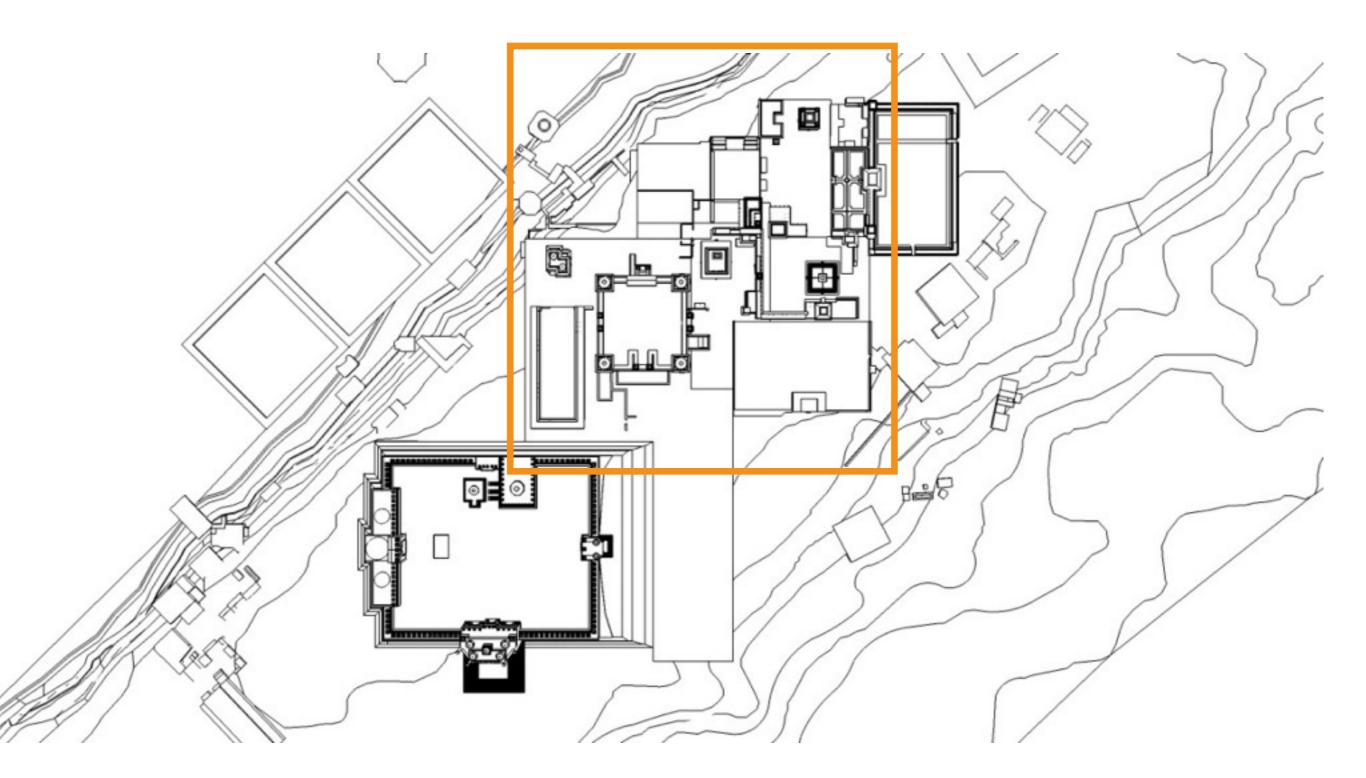
Akbar built a religious memorial for his son in 1569, and a few years later turned the area once called Sikri into a city:

FATEHPUR SIKRI - 1571

Fatehpur means **City of Victory** (City of Victory at Sikri)



Fatehpur Sikri c **1571**



Fatehpur Sikri in **Agra** - c **1571** The best example of a mix of Islamic and Hindu

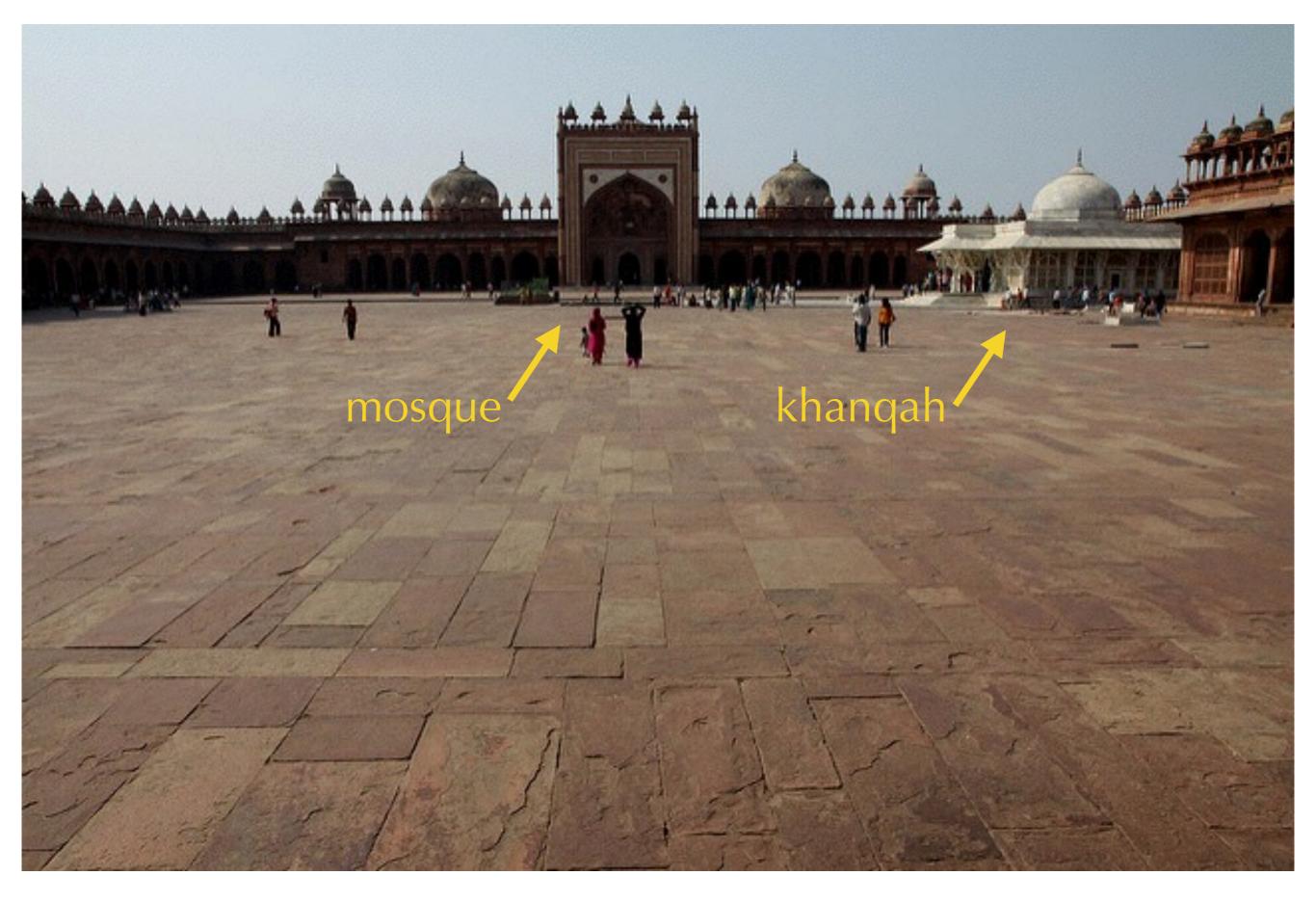


outside

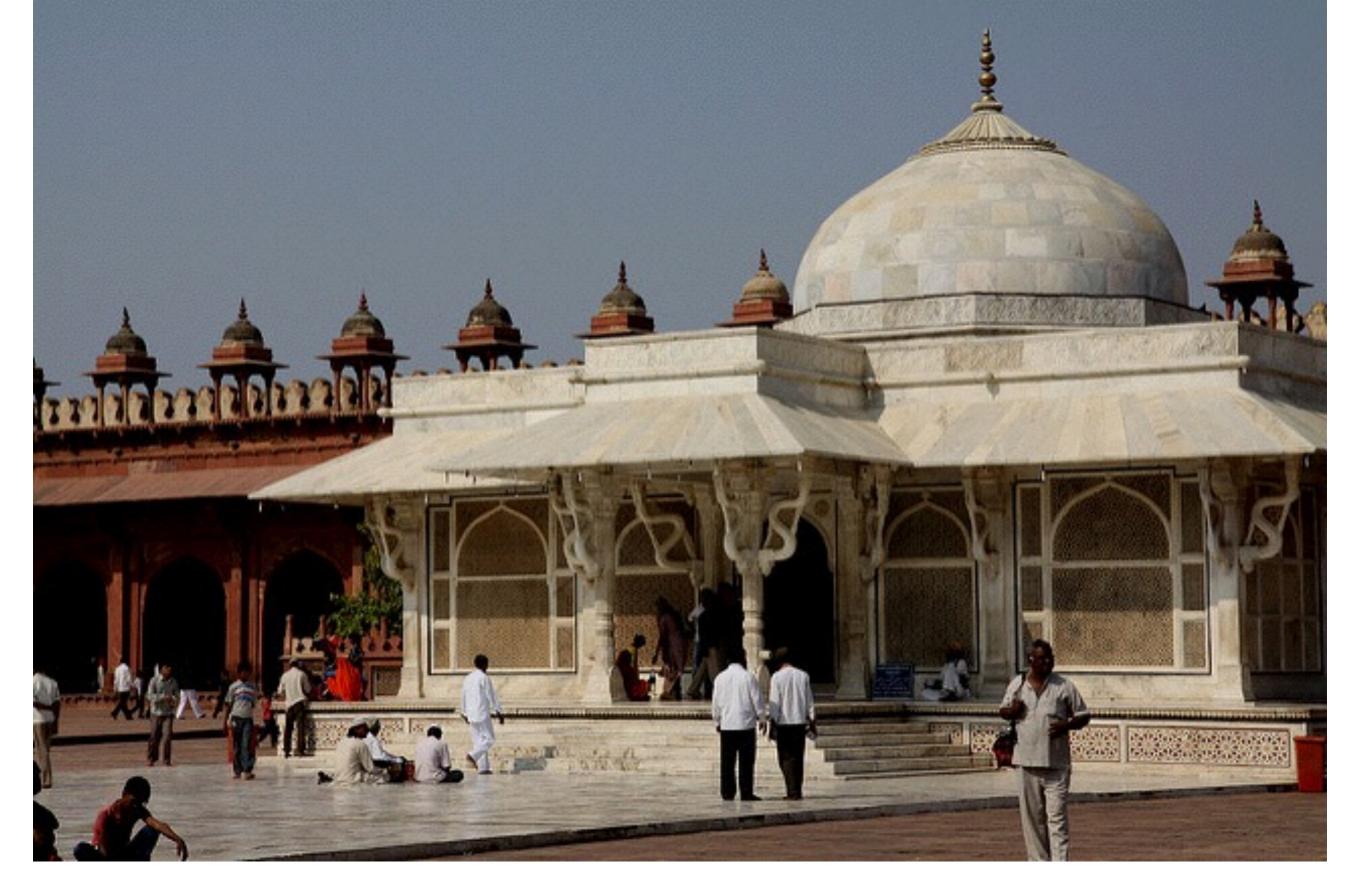
inside

Main Gate - Buland Darwaza (1602)

chhatris on top (little domed kiosks)



Main Entry Court



khanqah of *Shaykh Salim* (religious memorial or tomb) *chhatris* on top (domed kiosks)



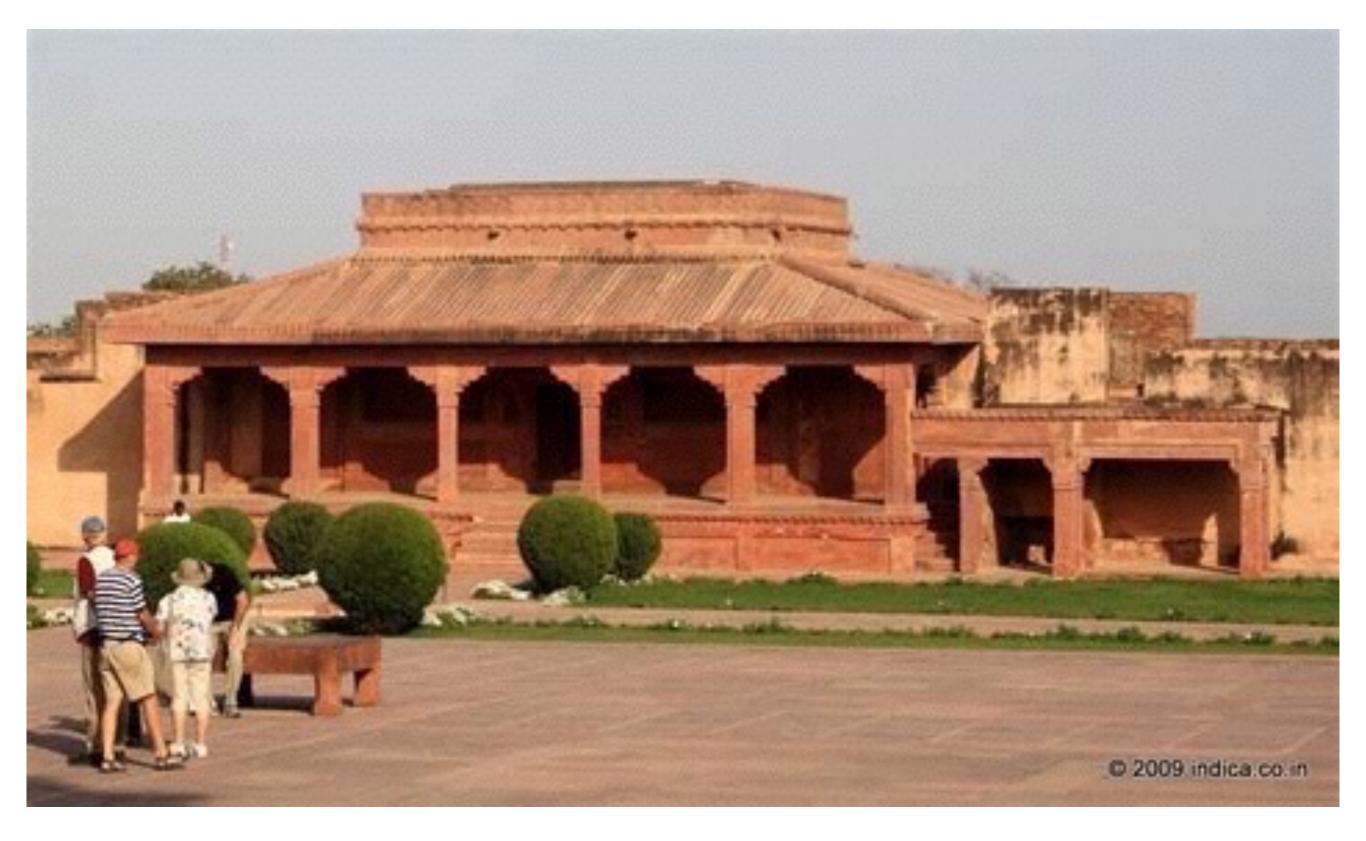
Panch Mahal is a multi-tiered **hypostyle hall** Panch Mahal features **jali screens**



Anup Talao Pool

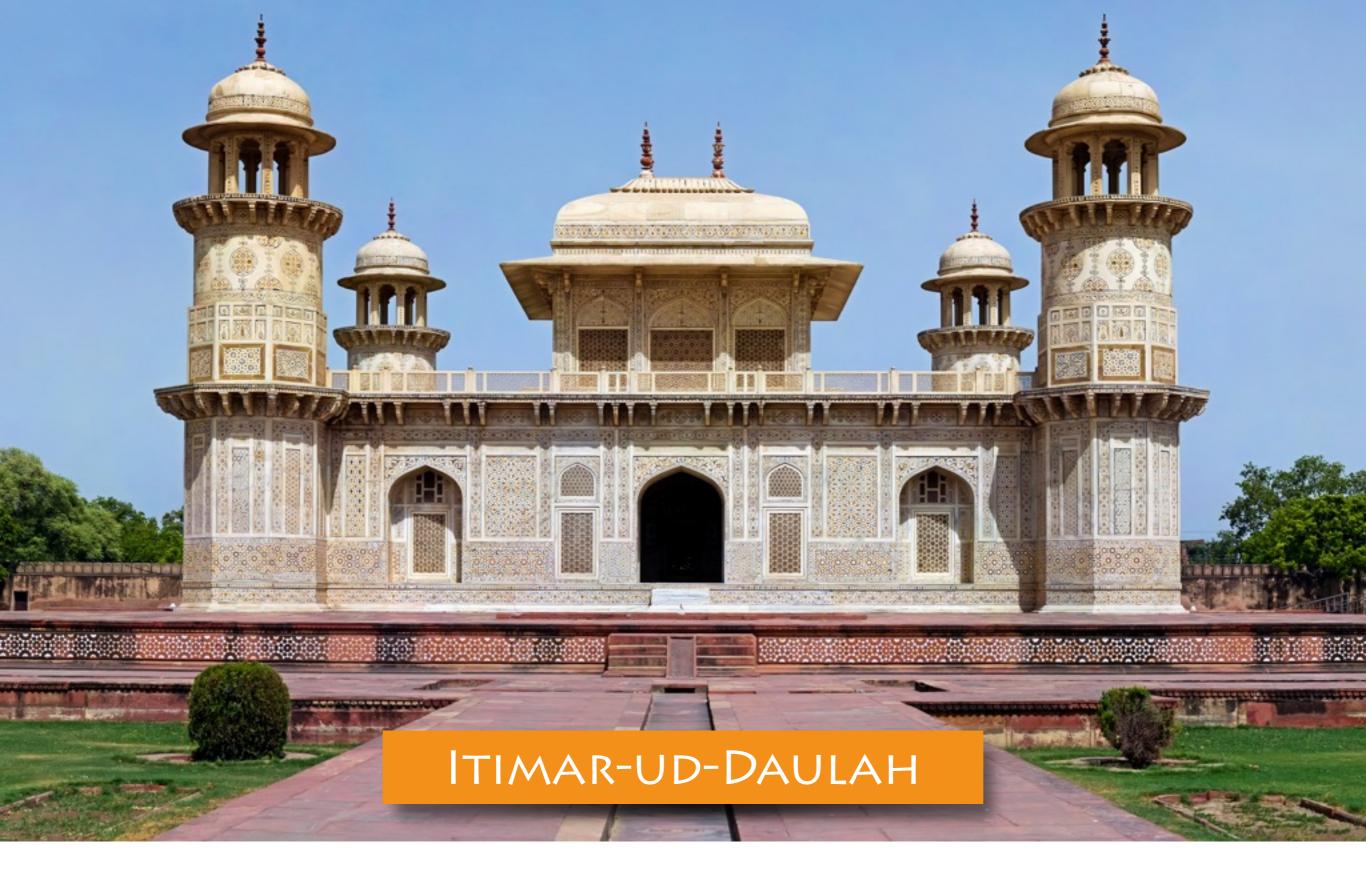


Diwan-i-Khas - the Hall of Private Audience

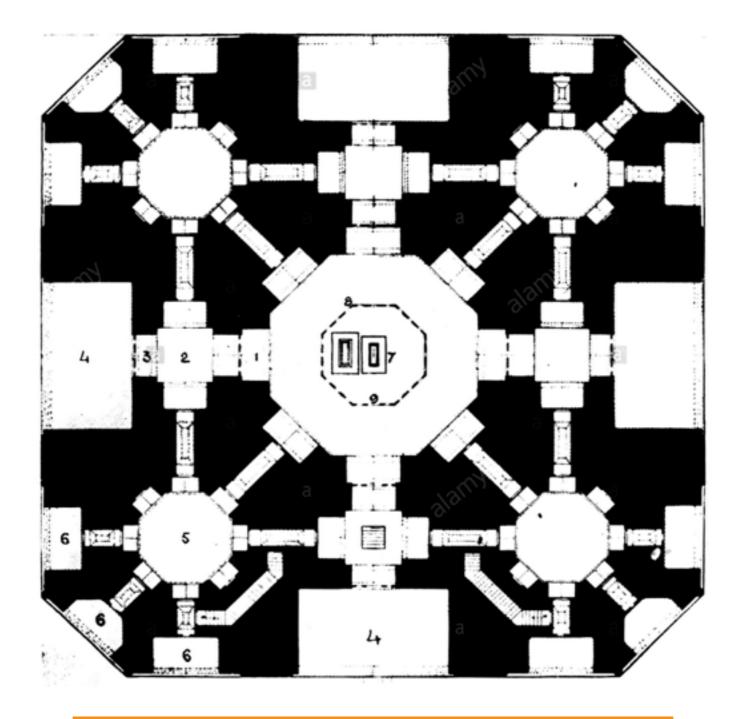


Diwan-i-Aam - the Hall of Public Audience

Fatehpur Sikri Abandoned about 1610



Agra 1628 — tomb for Nur Jahan's parents Nur Jahan is the daughter-in-law of Akbar



TAJ MAHAL

Shah Jahan - Grandson of Akbar - Stepson of Nur Jahan Shah Jahan Ruled 1628-1658

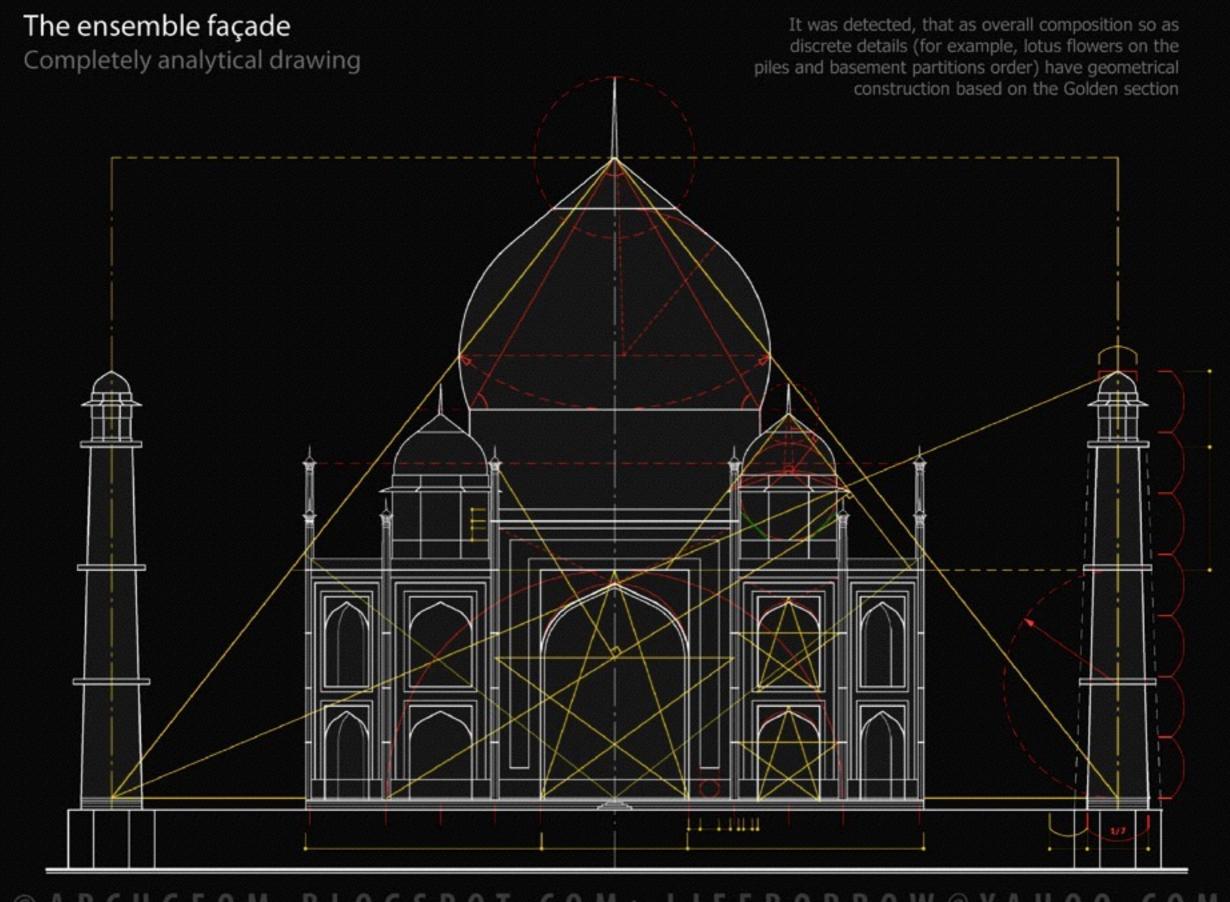
TAJ MAHAL

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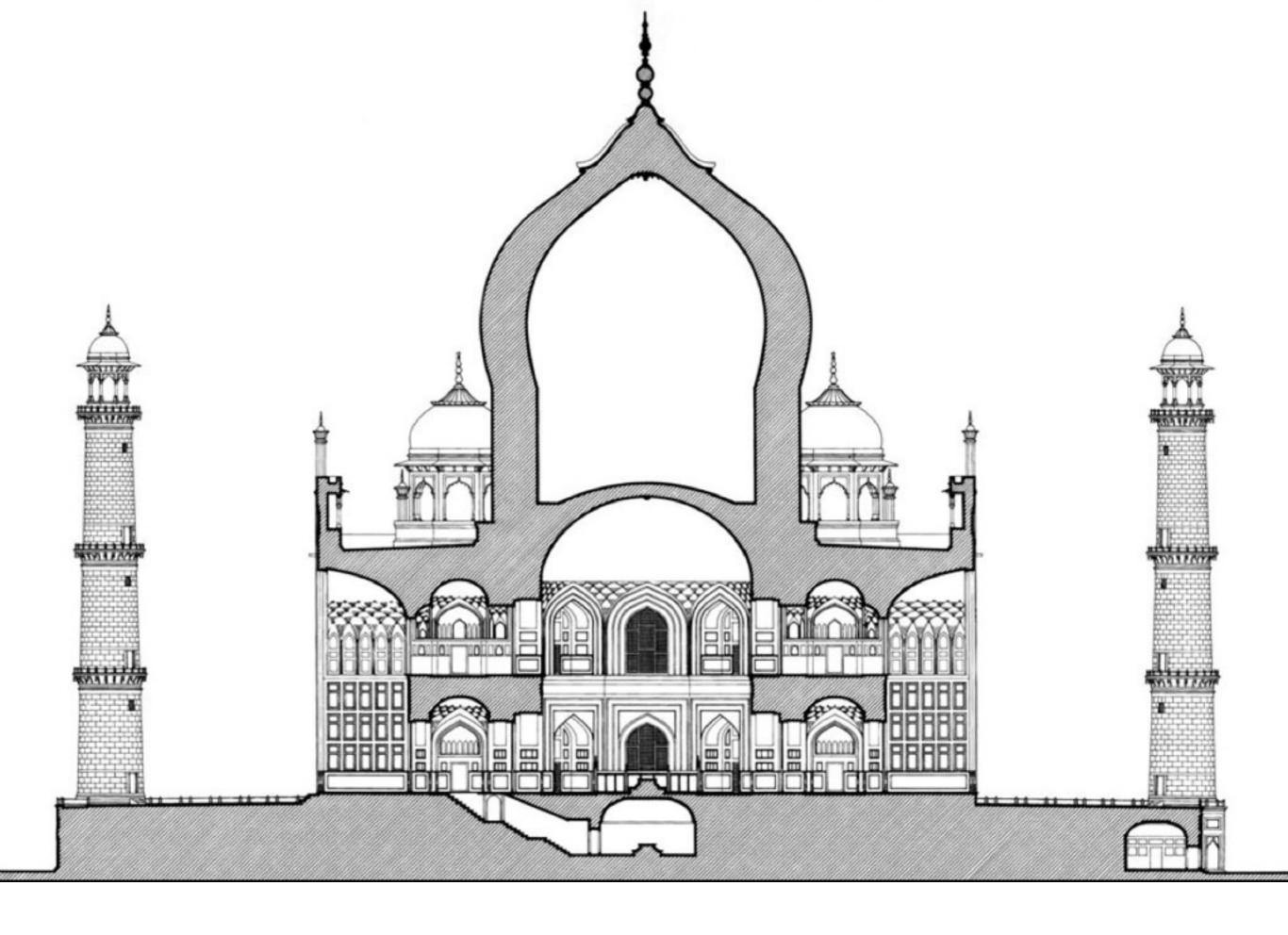
1632 for Mumtaz, Shah Jahan's favorite wife







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