AHST 2331-001 (21414)
Understanding Art
Dr. Charissa N. Terranova
Tuesdays and Thursdays 11:30-12:45
ATC 1.102

Thursday February 15

Quiz #5

Romanesque to the Gothic

Understanding Architecture Romanesque into Gothic

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After viewing Cathedral, we will look at a history of church architecture to understand how they are constructed and remain standing today.

After a brief review, we will take the short quiz.

This quiz is about being innovative, what did we learn from the movie, how could it have been constructed differently to avert disaster?

What we know about the imaginary cathedral: It was built in the Romanesque style, a style different from the new cathedral, Gothic.





Characteristics of a Romanesque Cathedral





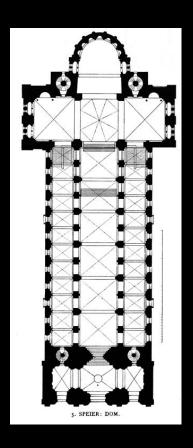
Thick walls, narrow windows, rounded section at the end, weight of the building and the roof travel down the walls. Fortress appearance, with minor buttresses alongside the walls. Arches are semicircular, doors are covered with a horizontal lintel. Arcades are a row of columns with narrow openings. Piers and columns were thick to hold the weight of the cathedral. Capitals are Corinthian, round on the bottom. Vaults and roofs were mainly of wood, a barrel vault, or groin Vault.

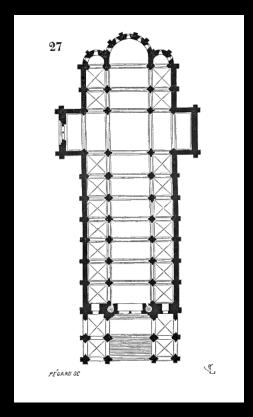


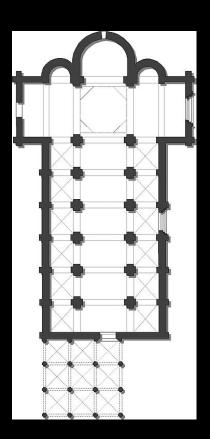




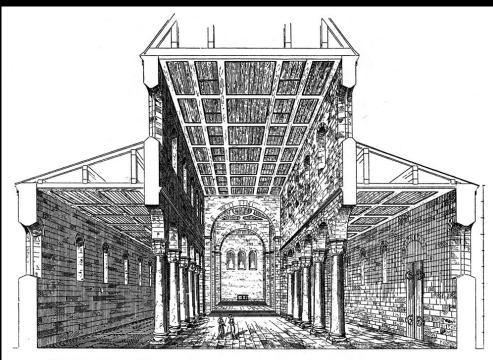
What a plan tells you, a plan is a diagram of the cathedral viewed from the top.

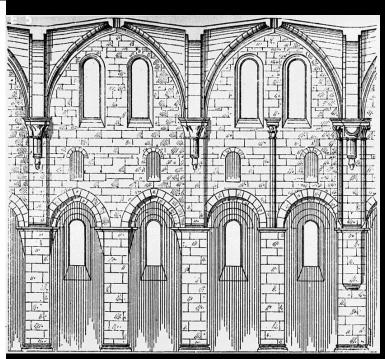






A section is a cross view of a building, across the front or of the side walls.





1. 2. KONSTANZ: DOM.

The new cathedral was built in the Gothic style with specific changes that challenged the former building style.

Gothic style is characterized by:

A grand tall designs sweeping toward the sky

Flying buttresses

The pointed arch

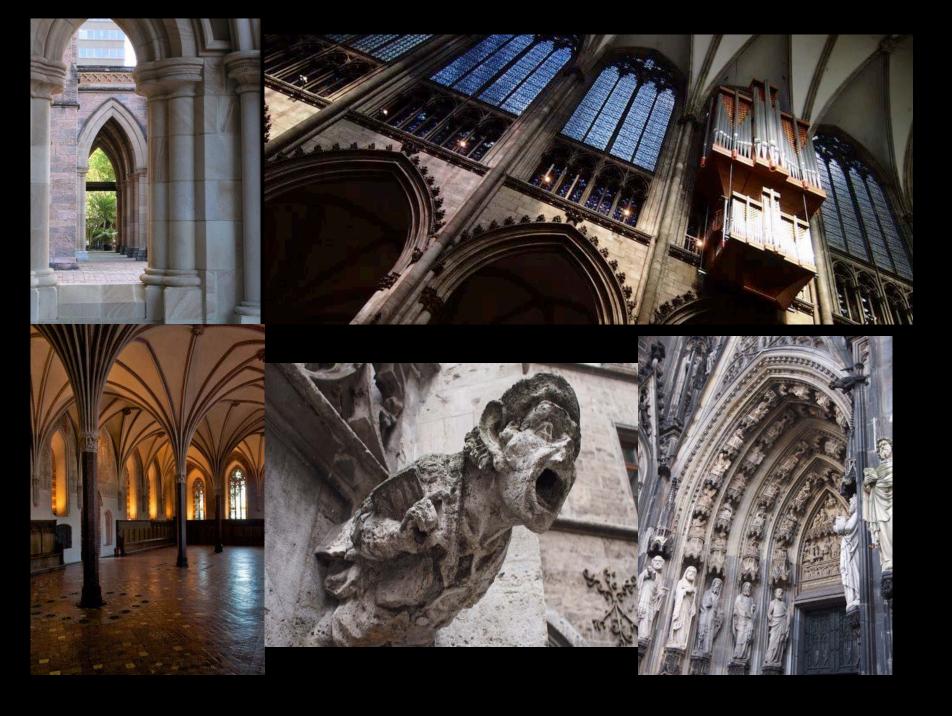
Vaulted ceiling

Light and airy interiors

Gargoyles

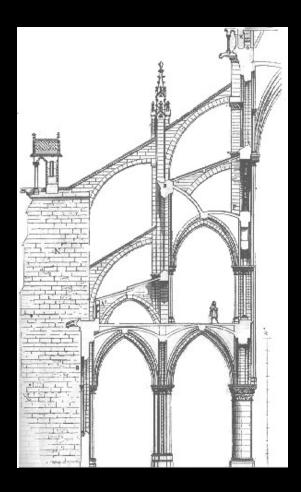
An emphais on decorative style and ornamentation.





Transition problems:

Making the flying buttresses effective
Transition from thick to thin columns
Opening up the walls by diverting the weight
Changing the stresses of weight in the building



If the weight downward and outward of the Romanesque Cathedral demanded thick walls to support the weight, How did the change of the arch system from rounded To vertical change the direction of force.

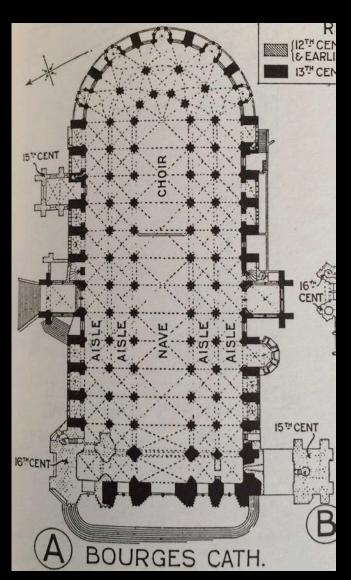
Consider these changes and how the workers who were Used to building in the Romanesque manner, could cause problems in building a higher, airer, and more spectacular Gothic cathedral.

Gothic Architecture Continued

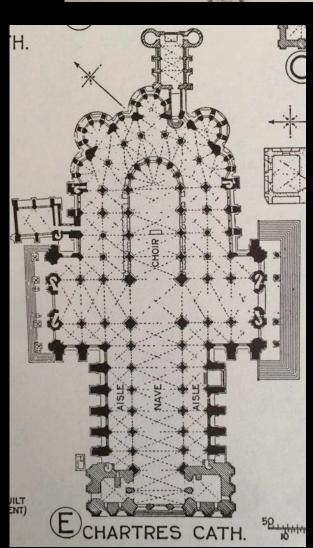
The Gothic style was also present in England, Italy and Spain was well as France.

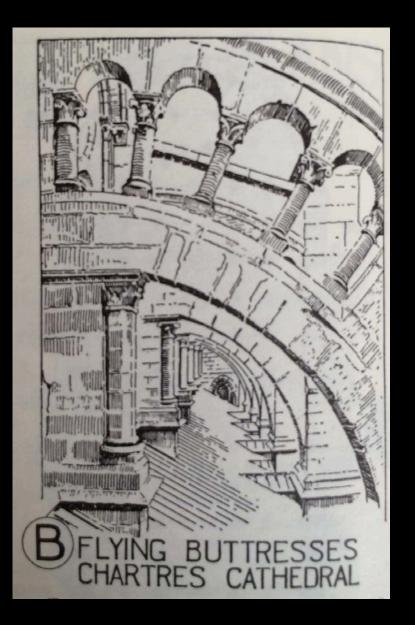


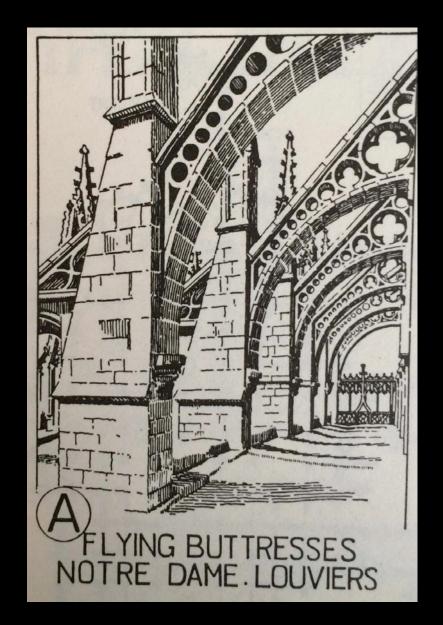
How to "read" a plan.

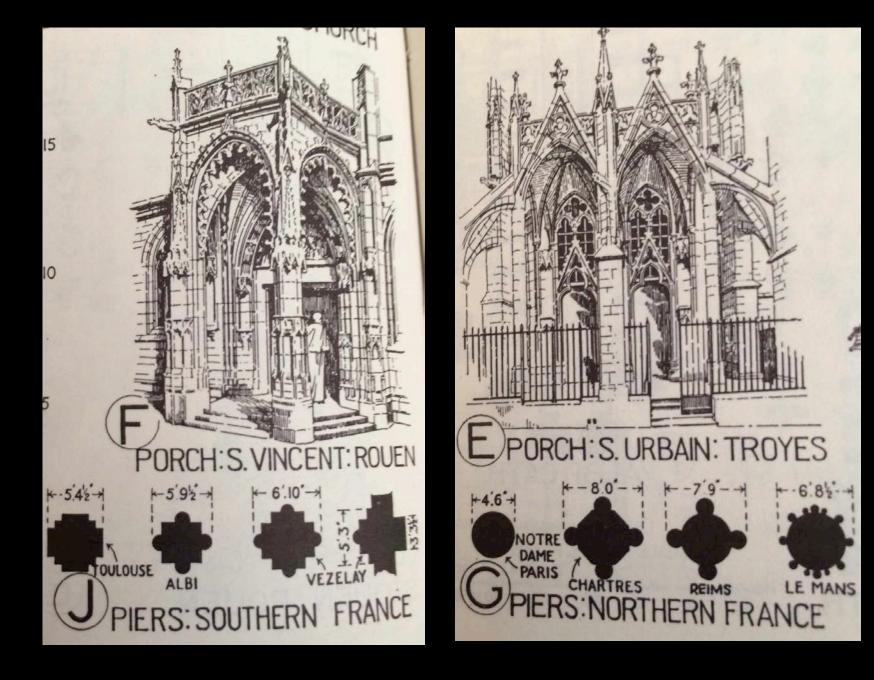




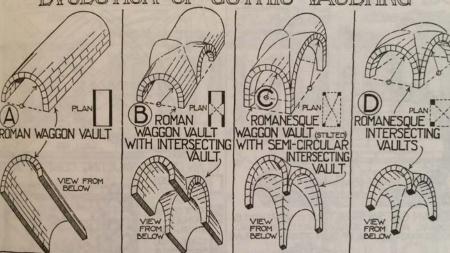


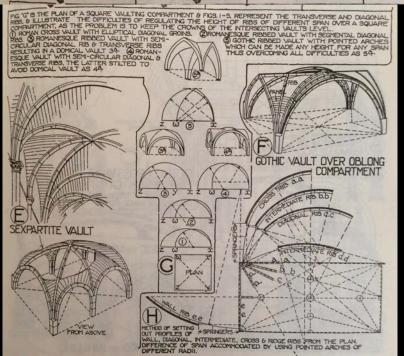






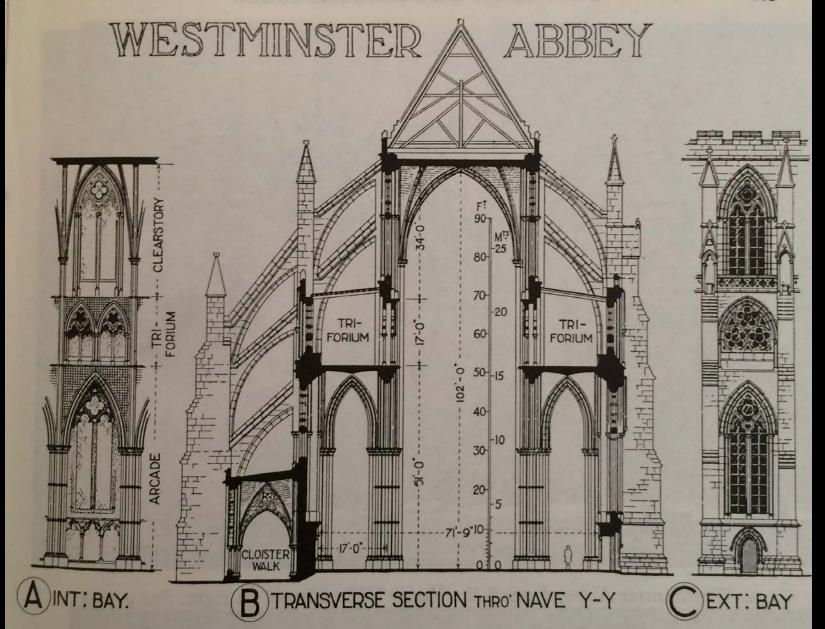








B. Interior looking E.



The height of fan vaulting



