

ASTONISHING CATHEDRALS



A cathedral



- Greek: cathedra
-> a seat or a chair
- Christian church which contains the seat of a bishop
- Large scale church
- Stone skyscrapers

Styles

- Medieval
- Romanesque
- Gothic
- Renaissance
- Baroque

Gothic style

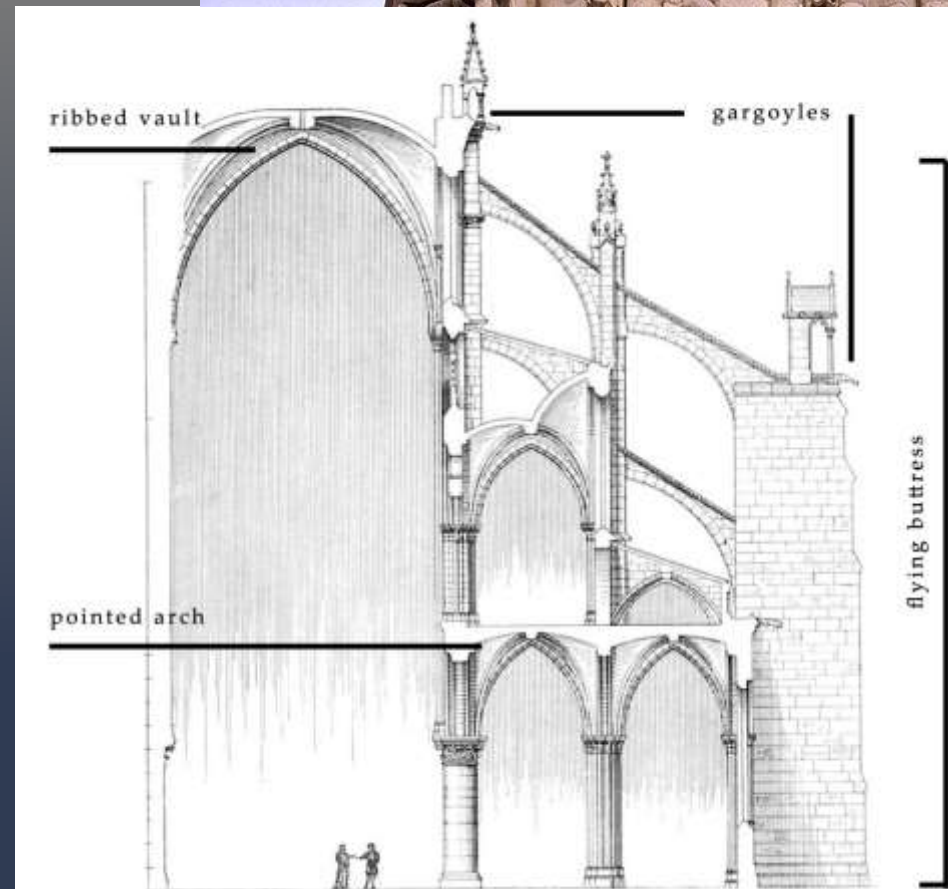
The term “gothic”:

- "Goth" was an equivalent of "vandal"
- "barbarous style"
- in that time it expressed: contempt, criticism, hostility, disregard and/or disrespect

Gothic style

main characteristics:

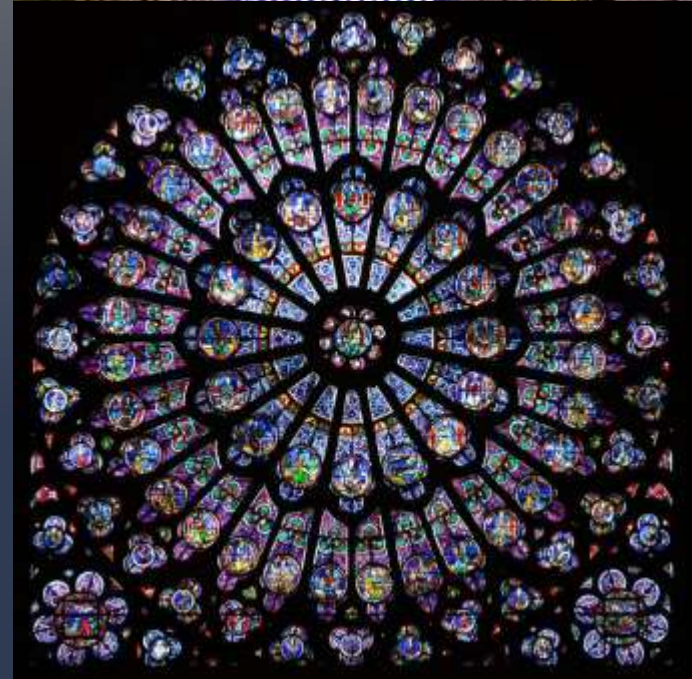
- pointed arch
- flying buttress
- ribbed vault
- gargoyles



Gothic style

other characteristics:

- stained glass
- extraversion
- enormous height and size
- long building time
- high expenses



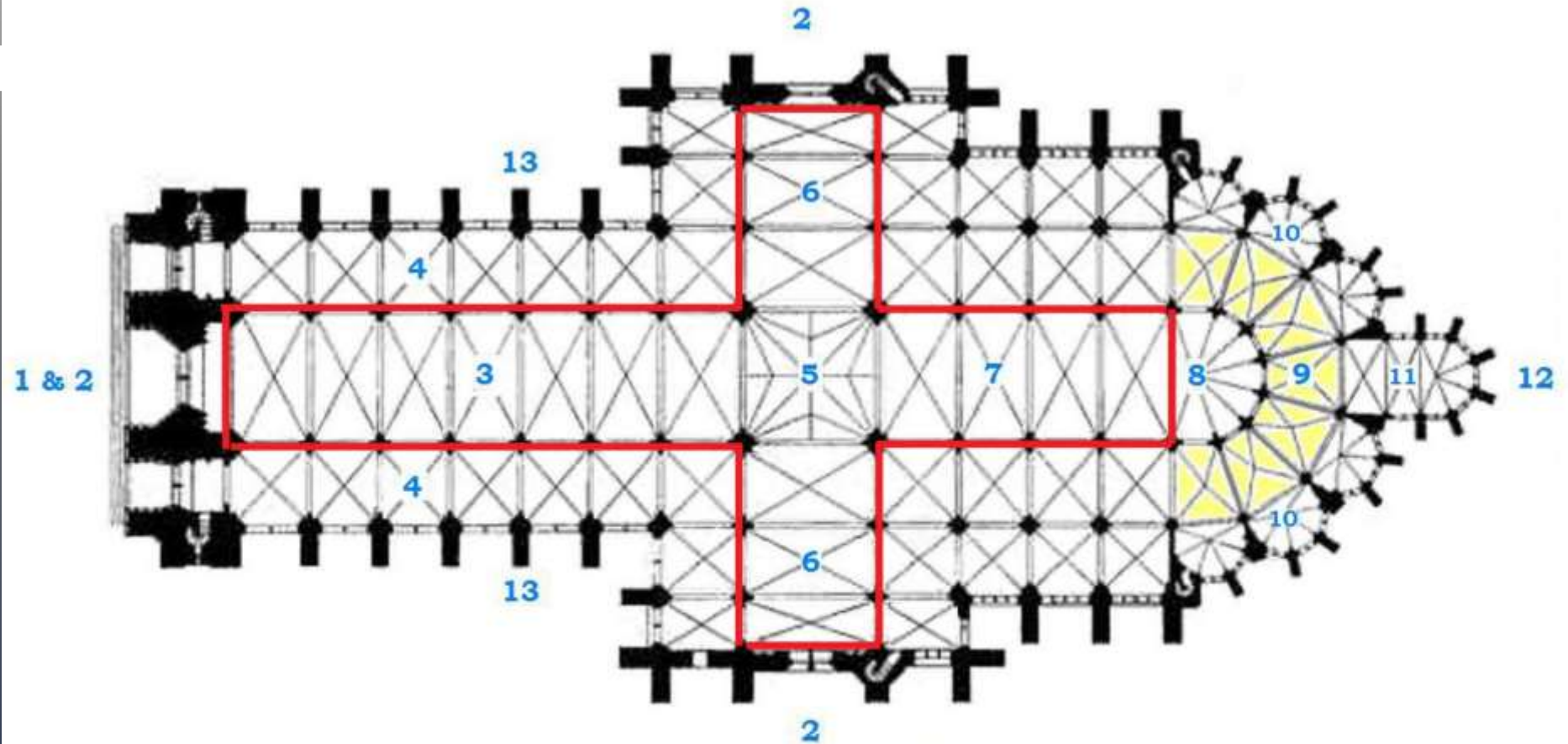
Materials

- stone (limestone)
- wood
- mortar (burned limestone and sand)
- iron



Layout

- follows the shape of a cross



Amiens Cathedral, France

1 West end	6 Transept	11 Lady's chapel
2 Facade	7 Choir	12 East end
3 Nave	8 Apse	13 Buttress
4 Aisle	9 Ambulatory	
5 Crossing	10 Radiating chapel	

NOTRE DAME DE PARIS



Basic info

Location:

- eastern half of the Île de la Cité, Paris

Measurments:

- length: 128m
- width: 69m
- height (nave): 69m
- spire (heighest point): 90m

Materials:

- same as in every Gothic cathedral



Construction history

- 1163-1345
- bishop Marcie de Sully, Eudes de Sully, Jean de Chelles, Pierre de Montreuil
- lies on the old foundation of Saint Etienne
- several houses demolished
- new road just for material income

Vandalism

- 1548 rioting Huguenots
- 1793 French Revolution



The Second World War



Restorations



1845: “Viollet-le-Duc restoration”

- architect Eugène Viollet-le-Duc
- the restoration lasted 25 years
- new flèche (a type of spire)
- added the gargoyle gallery
- signature: bat wing structure



1991:

- program of maintenance and restoration
- intended to last 10 years
- cleaning became an exceedingly delicate matter



West entrance portals

The Portal of The Virgin

The Portal of Judgement

The Portal of Saint-Anne



Bells of Notre Dame de Paris

- 10 bells
- 13t - 780kg
- the size of the bells could cause the entire building to vibrate



Emmanuel

- largest bell
- 13271 kg
- south tower



New words:

- scale-omjer
- pointed arch-šiljasti luk
- gargoyle-vodoriga
- stained glass-vitraj/vitraž
- flying buttress-potporni poluluk
- ribbed vault-rebrasti svod
- extraversion-otvorenost
- spire-vrh tornja
- gutter-žlijeb
- binding material-vezivno sredstvo/vezivo
- mortar-mort/žbuka

literature:

- http://en.wikipedia.org/wiki/Notre_Dame_de_Paris
- <http://en.wikipedia.org/wiki/Cathedral>
- https://www.youtube.com/watch?v=O61ng_QqC4I
- <https://www.youtube.com/watch?v=24N94rZ7XtU>