

Wood

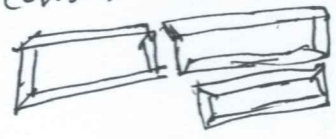
- It is a strong, light in weight ~~the~~ material that forms the main substance of trunk or branches.
- Its susceptibility for expansion and contraction.
- Also, the compressive forces are best handled by wood in a direction parallel to the grain.

Masonry Walls

- ~~Consist~~ It is commonly used for the walls of buildings, retaining walls and building.
- Building block bonded together with mortar to form wall and structured efficient in compression and it is reinforced.

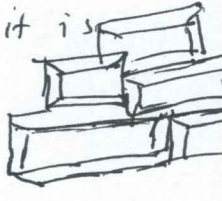
Unreinforced Masonry Walls

- It is a solid masonry walls constructed of either solid or solidly filled with mortar.
- The concrete blocks with steel bars embedded in ground.
- Solid masonry walls may consist of multiple wythes bonded together.



Reinforced Masonry Walls

Steel bars are fully bedded in portland cement and it is to protect the bricks cement to different steps.



Masonry Arches

- A Gothic arch is a pointed arch having two centers and usually equal radii.
- A lancet arch is a pointed arch having two centers and radii greater than span.

