

Arch 1230 - 02/06/17

Sustainability: when current generation provides their needs without having any impact on the needs of future generations.

HVAC - Heating, Ventilation, Air Condition.

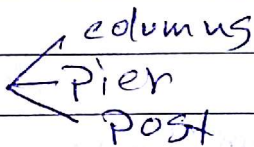
Diffuser moves air in all directions.

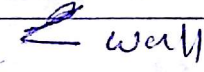
It's connected to duct.

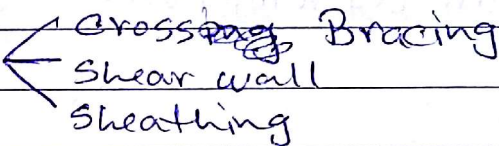
Egress:

Span: how long it can go until it needs another support.

Loads:

Point Load -  column
Post

Linear Load  wall

Lateral Load  cross bracing
shear wall
sheathing

Slab: horizontal spanning element

Rafter: a beam that's angled

Truss: 2 dimensional

Space Frame: 3 dimensional

Vault: elongated arch

Cable:

Membrane:

Primary Forces

compression: is a crushing force.

tension: pulling apart