TEACHING LEARNING MATERIAL

GANDHI SCHOOL OF ENGINEERING, BHABANDHA

BRANCH- CIVIL ENGINEERING

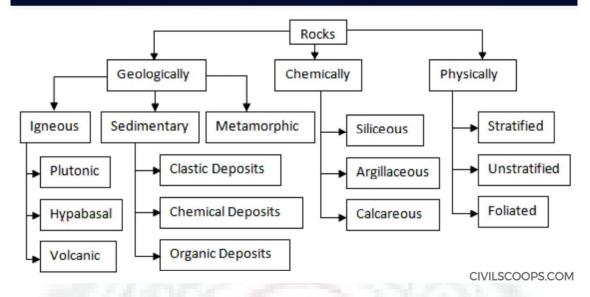
SUBJECT-BUILDING MATERIAL AND

CONSTRUCTION TECHNOLOGY

SEMESTER- 3RD

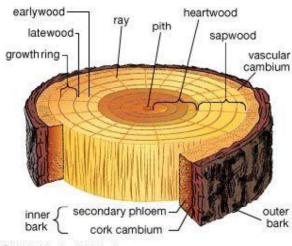
PREPARED BY-Er. MANJULA BHUYAN & Er.ROJALIN MISHRA

CLASSIFICATION OF STONES

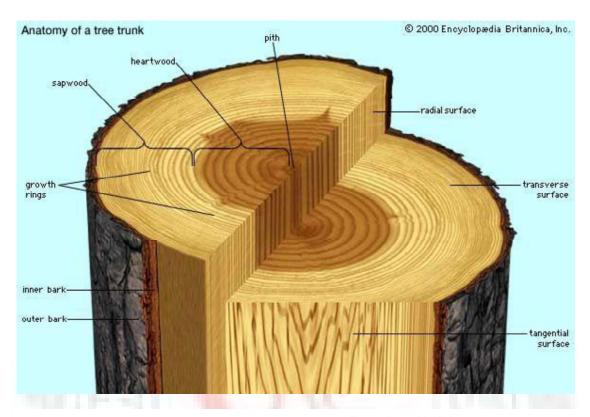




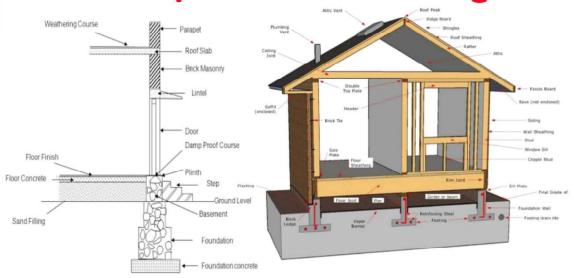
Types of Cement RAPID HARDENING CEMENT It is manufactured with such adjustments in the proportion of raw materials so that the cement produced attains maximum LOW HEAT CEMENT strength with-in 24-72 It is that type in which very low amount of heat or hydration is liberated during setting and harden-ing. Mostly it is used in massive concrete struc-QUICK SETTING CEMENT tures like Dams etc Its quality is that it set into a stone-like mass within a period of fewer www.cementequipment.org than 30 minutes. HIGH ALUMINA CEMENT These Types of Cement contains alumina in considerably larger proportions (average 40 percent) than normal COLOURED CEMENT In this types of cement, pigment (colour) is mixed with the Portland cement in a definite proportion. The Pigment is mixed in a finest powdered state WHITE CEMENT It may also be defined as, a special type of Portland cement when used it gives a milky or snow-white appearance. designed by CivilGuides.Com

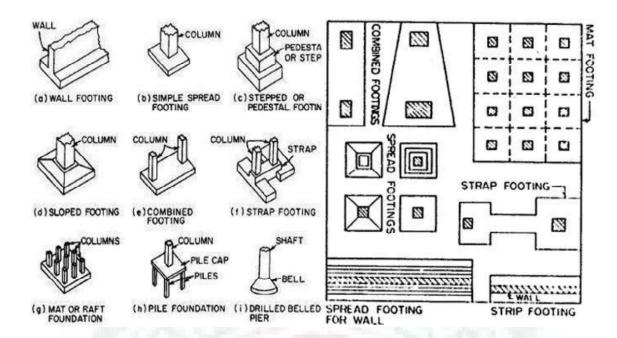


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Components of Building

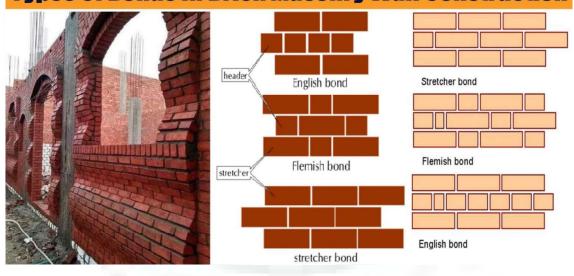


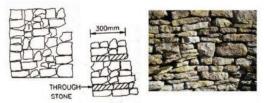






Types Of Bonds In Brick Masonry Wall Construction



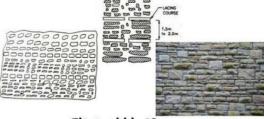




Third class coursed rubble masonry



Second class coursed rubble masonry



Flint rubble Masonry

