

By way of example the calculated value of safe capacity of certain type and size of pile foundation are being tabulated below: -

Double under-reamed Pile

Depth of Pile below GL(m)	Dia of under-reamed Pile(m)	Under-reamed dia (m)	Allowable Capacity (Ton)
10	0.3	0.75	19.0
10	0.4	1.00	35.0

Limitation

If the sub-soil condition is found much different from those reported here during trenching, suitable steps should be taken. Back filling over footing shall be done with proper compaction.

Pile capacity shall be confirmed by Initial and Routine pile load test as per relevant Indian codes.

ANIL KUMAR SARIAR
Partner Shamvwi consultant