New York City College of Technology – City University of New York 300 Jay Street, Brooklyn, New York 11201

Department of Architectural Technology

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ARCH	l 1240	METHODS OF	CONSTRUCTION IN	ARCHITECTURE	
NAME			Date:		
QUIZ 3	3:				
1.	What type o	f deep foundation use	es its entire surface area	a for force resistance?	
2.	Describe a s	situation where under	pinning is required.		
3.	What is the than 3'?	most common type o	f retaining wall structure	e for retaining walls taller	
4.	What are the	e three basic configui	rations of shallow found	ation structures?	
5	What is the	term used to describe	a the pressure water eve	arts on a foundation?	

6.	What type of deep foundation is drilled?
7.	What is a mat or raft foundation?
8.	Name three materials used for piles.
9.	Why is sand or gravel used as a backfill material?
10.	. Name 2 factors that affect the choice of a foundation type.