



Compaction Plant Type	Category	Number of passes for layers		
		110mm	150mm	225mm
Vibrating Roller (mass per metre width of vibrating roller)	over 1800kg up to 2300kg	4	6	10
	over 2300kg up to 2900kg	3	5	9
	over 2900kg up to 3600kg	2	5	8
Vibrating Plate (mass per square metre of base plate)	over 1400kg up to 1800kg	8	N/A	N/A
	over 1800kg up to 2100kg	5	8	N/A
	over 2100kg	3	6	10
Extract of Table 8/4 - Compaction Requirements of Unbound Mixture				



REINFORCEMENT
Use proprietary concrete spacers or steel chairs bars to achieve required cover to beam and slab steel.

Concrete to be compacted during placement using a vibrating poker.

REINFORCEMENT LAPS
Ensure minimum laps are achieved at $40 \times \varnothing$ - see below for typical minimum lap lengths.

PROJECT:		
UNIT 32 STAKEHILL INDUSTRIAL ESTATE MIDDLETON, MANCHESTER		
DRAWING TITLE:		
RAMP & RETAINING WALLS		
DATE:	SCALE:	PAPER SIZE:
22/10/2025	1:50	A1
DRAWING REF:	REV:	BY:
25153/E1	A	MS.