



PILE NUMBER	MAXIMUM LOADS (KIPS)	COMPRESSION	TENSION	SHEAR	REMARKS
N1	28.7	0	0		
N2	33.2	0	0		
N7	38.7	0	0		
N8	39.4	0	0		
N9	27.1	0	0		
N10	38.2	0	0		
N11	39.3	0	0		
N12	39.4	0	0		
N13	38.9	0	0		
N21	23.0	0	0		
N22	17.2	0	0		
N23	25.5	0	0		
N24	29.1	0	0		
N25	25.5	0	0		
N26	22.9	0	0		
N27	22.8	0	0		
N28	22.8	0	0		
N29	22.7	0	0		
N31	28.2	0	0		
N40	4.1	0	0		
N41	2.8	0	0		
N42	2.8	0	0		
N43	3.0	0	0		

NOTE:
WORKING PILE LOADS PROVIDED (NO SAFETY FACTORS INCLUDED)
ALL LOADS GIVEN IN KIPS
MINIMUM NET ALLOWABLE BEARING CAPACITY FOR ALL PILES SHALL BE 40 KIPS OF SERVICE LOAD (80 KIPS UTMATE)
LOAD TESTS AS PER 2015 IBC 1810.3.3.1.2 FOLLOWING ASTM D143 PROCEDURE B IS REQUIRED FOR EVERY PILE TYPE. LOAD (COMPRESSION AND TENSION) AND DEPTH IF THE ALLOWABLE CAPACITY IS 10 TONS OR HIGHER. ALL PILES TO BE USED FOR LOAD TESTS TO BE SACKPICAL
AS PER 1810.3.1.7 AND 1810.3.3.1.2 THE PILES SHOULD ADVANCE TO THE MAX DEPTH BASED ON THE SUM OF THE AREAS OF THE HELICAL BEARING PLATES TIMES THE ULTIMATE BEARING CAPACITY OF THE SOIL OR ROCK COMPRISING THE BEARING STRATUM. THE ULTIMATE CAPACITY DETERMINED FROM WELL-DOCUMENTED CORRELATIONS WITH INSTALLATION TORQUE AS APPROVED BY WL LICENSED GE, AND THE ULTIMATE CAPACITY DETERMINED FROM LOAD TESTS (IF APPLICABLE)
THE ULTIMATE LOAD CAPACITY IS 2 TIMES THE ALLOWABLE LOAD WHEN THE ALLOWABLE LOAD IS GREATER THAN 10 TONS OTHERWISE IT IS 3 TIMES THE ALLOWABLE LOAD (1810.3.3.1.7).
NO HELICAL PILES ACT AS GROUPS
TENSION = 0 KIPS FOR ALL PILES