LAYOUT BOLIVIAN EXPERIMENTAL SITE FOR TESTING (B.E.S.T.)PILES

PILE CODE	A-1	A-2	A-3	B-1	B-2	C-1	C-2	D-1	D-2	E-1	E-2 to E-14	F-1	F-2	G-1	DB1200-1	DC1200-1	DC620-1	DC620-2	DC620-3	CFA450-1	CFA450-2	FDP450-1	FDP360-1
PILE TYPE	Bored Pile with retrievable casing			CFA		FDP		Vibro-driven Micropile		Vibro-driven Micropile		Drilled with slurry		Helical	Drilled bentonite	Cased pile				CFA		FDP	FDP
DIAMETER (mm)	620			450		450		200		200		450	600	300	1200	1200	620	620	620	450	450	450	360
ATTACHED DEVICE	TOE BOX					EB (600) AT BASE		EB (500) AT BASE							YES	YES	YES	YES	YES	YES	YES	YES	YES
PILE INTEGRITY TESTING-PIT	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	none	none	none	3 x steel	3 x pvc	none	1 x pvc	none	none
CROSS-HOLE CH	YES	YES	YES	YES	YES	YES	YES					1 x pvc	3 x pvc		5 x pvc	5 x steel	none	none	none	none	none	none	none

LAYOUT OF PILES IN PILED RAFT

PILES COORDINATES			
PILE	NORTH	EAST	ELEVATION
A-1	8057158.245	485528.576	370.795
A-2	8057162.697	485526.300	370.845
A-3	8057167.148	485524.023	370.818
B-1	8057171.600	485521.746	370.769
B-2	8057176.051	485519.470	370.730
C-1	8057180.503	485517.193	370.692
C-2	8057184.955	485514.916	370.655
D-1	8057202.761	485505.810	370.534
D-2	8057207.213	485503.533	370.508
E-1	8057211.664	485501.257	370.473
E-2	8057215.794	485498.350	370.451
E-3	8057216.423	485498.028	370.447
E-4	8057217.053	485497.706	370.445
E-5	8057216.270	485498.504	370.442

PILES COORDINATES			
PILE	NORTH	EAST	ELEVATION
E-6	8057216.899	485498.182	370.439
E-7	8057216.116	485498.980	370.438
E-8	8057216.745	485498.658	370.433
E-9	8057217.375	485498.336	370.430
E-10	8057216.592	485499.134	370.431
E-11	8057217.221	485498.812	370.430
E-12	8057216.438	485499.609	370.430
E-13	8057217.067	485499.287	370.426
E-14	8057217.697	485498.966	370.427
F-1	8057189.406	485512.640	370.617
F-2	8057193.858	485510.363	370.579
F-3	8057198.309	485508.087	370.553
G-1	8057222.087	485495.926	370.409
DC1200-1	8057226.539	485493.649	370.388

PILES REACTION COORDINATES		
PILE	NORTH	EAST
PR-1	8057154.881	485527.489
PR-2	8057157.157	485531.941
PR-3	8057159.332	485525.212
PR-4	8057161.609	485529.664
PR-5	8057163.784	485522.936
PR-6	8057166.061	485527.387
PR-7	8057168.236	485520.659
PR-8	8057170.512	485525.111
PR-9	8057172.687	485518.382
PR-10	8057174.964	485522.834
PR-11	8057177.139	485516.106
PR-12	8057179.415	485520.557
PR-13	8057181.590	485513.829
PR-14	8057183.867	485518.281

PILES REACTION COORDINATES		
PILE	NORTH	EAST
PR-15	8057186.042	485511.552
PR-16	8057188.319	485516.004
PR-17	8057190.494	485509.276
PR-18	8057192.770	485513.727
PR-19	8057194.945	485506.999
PR-20	8057197.222	485511.451
PR-21	8057199.397	485504.722
PR-22	8057201.674	485509.174
PR-23	8057203.849	485502.446
PR-24	8057206.125	485506.897
PR-25	8057208.300	485500.169
PR-26	8057210.577	485504.621
PR-27	8057213.067	485497.731
PR-28	8057215.343	485502.183

PILES REACTION COORDINATES		
PILE	NORTH	EAST
PR-29	8057220.555	485499.518
PR-30	8057218.278	485495.066
PR-31	8057223.175	485492.562
PR-32	8057225.451	485497.013
PR-33	8057229.903	485494.737
PR-34	8057227.626	485490.285
DC620-1	8057160.322	485532.829
DC620-2	8057164.770	485530.550
DC620-3	8057169.220	485528.270
CFA450-1	8057173.670	485525.999
CFA450-2	8057178.128	485523.721
FDP450-1	8057182.580	485521.445
FDP360-1	8057187.030	485519.168

LAYOUT OF SOUNDING