

MAGNETIC PROPERTIES OF POLYMER-CLAY NANOCOMPOSITES				THERMAL ANALYSIS (TGA/DTG)		THERMAL STABILITY (TGA/DTG)	
Sample	Fe ³⁺ (mol %)		Fe ²⁺ (mol %)	TGA (wt %)		DTG (wt %)	
	Fe ³⁺ (mol %)	Fe ²⁺ (mol %)		Weight loss (%)	Residual char (%)	Weight loss (%)	Residual char (%)
1	0.0	0.0	0.0	10.0	90.0	10.0	90.0
2	0.1	0.1	0.0	10.0	90.0	10.0	90.0
3	0.2	0.2	0.0	10.0	90.0	10.0	90.0
4	0.3	0.3	0.0	10.0	90.0	10.0	90.0
5	0.4	0.4	0.0	10.0	90.0	10.0	90.0
6	0.5	0.5	0.0	10.0	90.0	10.0	90.0
7	0.6	0.6	0.0	10.0	90.0	10.0	90.0
8	0.7	0.7	0.0	10.0	90.0	10.0	90.0
9	0.8	0.8	0.0	10.0	90.0	10.0	90.0
10	0.9	0.9	0.0	10.0	90.0	10.0	90.0
11	1.0	1.0	0.0	10.0	90.0	10.0	90.0
12	1.1	1.1	0.0	10.0	90.0	10.0	90.0
13	1.2	1.2	0.0	10.0	90.0	10.0	90.0
14	1.3	1.3	0.0	10.0	90.0	10.0	90.0
15	1.4	1.4	0.0	10.0	90.0	10.0	90.0
16	1.5	1.5	0.0	10.0	90.0	10.0	90.0
17	1.6	1.6	0.0	10.0	90.0	10.0	90.0
18	1.7	1.7	0.0	10.0	90.0	10.0	90.0
19	1.8	1.8	0.0	10.0	90.0	10.0	90.0
20	1.9	1.9	0.0	10.0	90.0	10.0	90.0
21	2.0	2.0	0.0	10.0	90.0	10.0	90.0
22	2.1	2.1	0.0	10.0	90.0	10.0	90.0
23	2.2	2.2	0.0	10.0	90.0	10.0	90.0
24	2.3	2.3	0.0	10.0	90.0	10.0	90.0
25	2.4	2.4	0.0	10.0	90.0	10.0	90.0
26	2.5	2.5	0.0	10.0	90.0	10.0	90.0
27	2.6	2.6	0.0	10.0	90.0	10.0	90.0
28	2.7	2.7	0.0	10.0	90.0	10.0	90.0
29	2.8	2.8	0.0	10.0	90.0	10.0	90.0
30	2.9	2.9	0.0	10.0	90.0	10.0	90.0
31	3.0	3.0	0.0	10.0	90.0	10.0	90.0
32	3.1	3.1	0.0	10.0	90.0	10.0	90.0
33	3.2	3.2	0.0	10.0	90.0	10.0	90.0
34	3.3	3.3	0.0	10.0	90.0	10.0	90.0
35	3.4	3.4	0.0	10.0	90.0	10.0	90.0
36	3.5	3.5	0.0	10.0	90.0	10.0	90.0
37	3.6	3.6	0.0	10.0	90.0	10.0	90.0
38	3.7	3.7	0.0	10.0	90.0	10.0	90.0
39	3.8	3.8	0.0	10.0	90.0	10.0	90.0
40	3.9	3.9	0.0	10.0	90.0	10.0	90.0
41	4.0	4.0	0.0	10.0	90.0	10.0	90.0
42	4.1	4.1	0.0	10.0	90.0	10.0	90.0
43	4.2	4.2	0.0	10.0	90.0	10.0	90.0
44	4.3	4.3	0.0	10.0	90.0	10.0	90.0
45	4.4	4.4	0.0	10.0	90.0	10.0	90.0
46	4.5	4.5	0.0	10.0	90.0	10.0	90.0
47	4.6	4.6	0.0	10.0	90.0	10.0	90.0
48	4.7	4.7	0.0	10.0	90.0	10.0	90.0
49	4.8	4.8	0.0	10.0	90.0	10.0	90.0
50	4.9	4.9	0.0	10.0	90.0	10.0	90.0
51	5.0	5.0	0.0	10.0	90.0	10.0	90.0
52	5.1	5.1	0.0	10.0	90.0	10.0	90.0
53	5.2	5.2	0.0	10.0	90.0	10.0	90.0
54	5.3	5.3	0.0	10.0	90.0	10.0	90.0
55	5.4	5.4	0.0	10.0	90.0	10.0	90.0
56	5.5	5.5	0.0	10.0	90.0	10.0	90.0
57	5.6	5.6	0.0	10.0	90.0	10.0	90.0
58	5.7	5.7	0.0	10.0	90.0	10.0	90.0
59	5.8	5.8	0.0	10.0	90.0	10.0	90.0
60	5.9	5.9	0.0	10.0	90.0	10.0	90.0
61	6.0	6.0	0.0	10.0	90.0	10.0	90.0
62	6.1	6.1	0.0	10.0	90.0	10.0	90.0
63	6.2	6.2	0.0	10.0	90.0	10.0	90.0
64	6.3	6.3	0.0	10.0	90.0	10.0	90.0
65	6.4	6.4	0.0	10.0	90.0	10.0	90.0
66	6.5	6.5	0.0	10.0	90.0	10.0	90.0
67	6.6	6.6	0.0	10.0	90.0	10.0	90.0
68	6.7	6.7	0.0	10.0	90.0	10.0	90.0
69	6.8	6.8	0.0	10.0	90.0	10.0	90.0
70	6.9	6.9	0.0	10.0	90.0	10.0	90.0
71	7.0	7.0	0.0	10.0	90.0	10.0	90.0
72	7.1	7.1	0.0	10.0	90.0	10.0	90.0
73	7.2	7.2	0.0	10.0	90.0	10.0	90.0
74	7.3	7.3	0.0	10.0	90.0	10.0	90.0
75	7.4	7.4	0.0	10.0	90.0	10.0	90.0
76	7.5	7.5	0.0	10.0	90.0	10.0	90.0
77	7.6	7.6	0.0	10.0	90.0	10.0	90.0
78	7.7	7.7	0.0	10.0	90.0	10.0	90.0
79	7.8	7.8	0.0	10.0	90.0	10.0	90.0
80	7.9	7.9	0.0	10.0	90.0	10.0	90.0
81	8.0	8.0	0.0	10.0	90.0	10.0	90.0
82	8.1	8.1	0.0	10.0	90.0	10.0	90.0
83	8.2	8.2	0.0	10.0	90.0	10.0	90.0
84	8.3	8.3	0.0	10.0	90.0	10.0	90.0
85	8.4	8.4	0.0	10.0	90.0	10.0	90.0
86	8.5	8.5	0.0	10.0	90.0	10.0	90.0
87	8.6	8.6	0.0	10.0	90.0	10.0	90.0
88	8.7	8.7	0.0	10.0	90.0	10.0	90.0
89	8.8	8.8	0.0	10.0	90.0	10.0	90.0
90	8.9	8.9	0.0	10.0	90.0	10.0	90.0
91	9.0	9.0	0.0	10.0	90.0	10.0	90.0
92	9.1	9.1	0.0	10.0	90.0	10.0	90.0
93	9.2	9.2	0.0	10.0	90.0	10.0	90.0
94	9.3	9.3	0.0	10.0	90.0	10.0	90.0
95	9.4	9.4	0.0	10.0	90.0	10.0	90.0
96	9.5	9.5	0.0	10.0	90.0	10.0	90.0
97	9.6	9.6	0.0	10.0	90.0	10.0	90.0
98	9.7	9.7	0.0	10.0	90.0	10.0	90.0
99	9.8	9.8	0.0	10.0	90.0	10.0	90.0
100	9.9	9.9	0.0	10.0	90.0	10.0	90.0

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CONCRETE FORMWORK (W/OUT TIEBACKS)	1.0	1000.00	1000.00	CONCRETE FORMWORK (W/OUT TIEBACKS)	2.000000	1100.00	2200.00
WATER EQUIPMENT FOR BUILDING A - P = 23				WATER EQUIPMENT FOR BUILDING B			
2" SCH. 40 STEEL W/OUT TIEBACKS	5.00	1000.00	5000.00	2" SCH. 40 STEEL W/OUT TIEBACKS	10.000000	1100.00	11000.00
CONCRETE TIEBACKS	1.00	1000.00	1000.00	CONCRETE TIEBACKS	2.000000	1100.00	2200.00
1" SCH. 40 STEEL W/OUT TIEBACKS	10.00	1000.00	10000.00	1" SCH. 40 STEEL W/OUT TIEBACKS	20.000000	1100.00	22000.00
WATER EQUIPMENT FOR BUILDING A - P = 24				WATER EQUIPMENT FOR BUILDING B			
2" SCH. 40 STEEL W/OUT TIEBACKS	5.00	1000.00	5000.00	2" SCH. 40 STEEL W/OUT TIEBACKS	10.000000	1100.00	11000.00
CONCRETE TIEBACKS	1.00	1000.00	1000.00	CONCRETE TIEBACKS	2.000000	1100.00	2200.00
1" SCH. 40 STEEL W/OUT TIEBACKS	10.00	1000.00	10000.00	1" SCH. 40 STEEL W/OUT TIEBACKS	20.000000	1100.00	22000.00
WATER EQUIPMENT FOR BUILDING A - P = 25				WATER EQUIPMENT FOR BUILDING B			
2" SCH. 40 STEEL W/OUT TIEBACKS	5.00	1000.00	5000.00	2" SCH. 40 STEEL W/OUT TIEBACKS	10.000000	1100.00	11000.00
CONCRETE TIEBACKS	1.00	1000.00	1000.00	CONCRETE TIEBACKS	2.000000	1100.00	2200.00
1" SCH. 40 STEEL W/OUT TIEBACKS	10.00	1000.00	10000.00	1" SCH. 40 STEEL W/OUT TIEBACKS	20.000000	1100.00	22000.00

[illegible]

A detailed survey map of a property in the City of Los Angeles, showing a proposed subdivision into 10 lots. The map includes lot numbers 1 through 10, their respective areas in square feet, and various boundary measurements. A 'PRIORITY SPACE' area is shown to the northwest with an area of 5173.00 square feet. The map also shows existing structures, easements, and a 'CITY OF LOS ANGELES' boundary. A north arrow is present in the upper right corner.

LOT 1: 7,612 sq. ft.
LOT 2: 7,612 sq. ft.
LOT 3: 7,612 sq. ft.
LOT 4: 7,612 sq. ft.
LOT 5: 7,612 sq. ft.
LOT 6: 7,612 sq. ft.
LOT 7: 7,612 sq. ft.
LOT 8: 7,612 sq. ft.
LOT 9: 7,612 sq. ft.
LOT 10: 7,612 sq. ft.

PRIORITY SPACE: 5173.00 sq. ft.

CITY OF LOS ANGELES

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AREA DIAGRAM OF AMENITY SPACE

SCALE 1:1000

AREA DIAGRAM OF AMENITY SPACE 1

AREA DIAGRAM OF AMENITY SPACE 2

[illegible]

PROPERTY UNIT 1 - AREA CALCULATION		PROPERTY UNIT BRIDGE - AREA CALCULATION	
1	365.082	539.15	44.2
2	365.082	539.15	44.2
3	365.082	539.15	44.2
4	365.082	539.15	44.2
5	365.082	539.15	44.2
6	365.082	539.15	44.2
7	365.082	539.15	44.2
8	365.082	539.15	44.2
9	365.082	539.15	44.2
10	365.082	539.15	44.2
11	365.082	539.15	44.2
12	365.082	539.15	44.2
13	365.082	539.15	44.2
14	365.082	539.15	44.2
15	365.082	539.15	44.2
16	365.082	539.15	44.2
17	365.082	539.15	44.2
18	365.082	539.15	44.2
19	365.082	539.15	44.2
20	365.082	539.15	44.2
21	365.082	539.15	44.2
22	365.082	539.15	44.2
23	365.082	539.15	44.2
24	365.082	539.15	44.2
25	365.082	539.15	44.2
26	365.082	539.15	44.2
27	365.082	539.15	44.2
28	365.082	539.15	44.2
29	365.082	539.15	44.2
30	365.082	539.15	44.2
31	365.082	539.15	44.2
32	365.082	539.15	44.2
33	365.082	539.15	44.2
34	365.082	539.15	44.2
35	365.082	539.15	44.2
36	365.082	539.15	44.2
37	365.082	539.15	44.2
38	365.082	539.15	44.2
39	365.082	539.15	44.2
40	365.082	539.15	44.2
41	365.082	539.15	44.2
42	365.082	539.15	44.2
43	365.082	539.15	44.2
44	365.082	539.15	44.2
45	365.082	539.15	44.2
46	365.082	539.15	44.2
47	365.082	539.15	44.2
48	365.082	539.15	44.2
49	365.082	539.15	44.2
50	365.082	539.15	44.2
51	365.082	539.15	44.2
52	365.082	539.15	44.2
53	365.082	539.15	44.2
54	365.082	539.15	44.2
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59	365.082	539.15	44.2
60	365.082	539.15	44.2
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63	365.082	539.15	44.2
64	365.082	539.15	44.2
65	365.082	539.15	44.2
66	365.082	539.15	44.2
67	365.082	539.15	44.2
68	365.082	539.15	44.2
69	365.082	539.15	44.2
70	365.082	539.15	44.2
71	365.082	539.15	44.2
72	365.082	539.15	44.2
73	365.082	539.15	44.2
74	365.082	539.15	44.2
75	365.082	539.15	44.2
76	365.082	539.15	44.2
77	365.082	539.15	44.2
78	365.082	539.15	44.2
79	365.082	539.15	44.2
80	365.082	539.15	44.2
81	365.082	539.15	44.2

OF SIDES ETC. OF PLOT STATION
ON SITE AND THE AREA SO
AREAS STATED IN RECORDS
RECORDS AND RECORDS

SIGNATURE
ENGINEER

THE PLAN ARE AS MEASURED
WOMED OUT TALLIES WITH THE
47 OF CHANGES BY THE
DEPT./JOY SURVEY RECORDS.

IDEAL DESIGN ARCHITECTS
IDA
ARCHITECTURAL & ALLIED SERVICES
1000A W. 10TH AVE., SUITE 100, BOULDER, CO 80502
TEL: 303.440.1234 FAX: 303.440.1235
WWW.IDAARCHITECTS.COM
CONTACT: MICHAEL, MPA, JR. @ 303.440.1234

 IDA
1000A W. 10TH AVE. SUITE 100
BOULDER, CO 80502
TEL: 303.440.1234 FAX: 303.440.1235
WWW.IDAARCHITECTS.COM

DATE OF LICENSED ARCHITECT
CONSTRUCTION: 1/1/1977