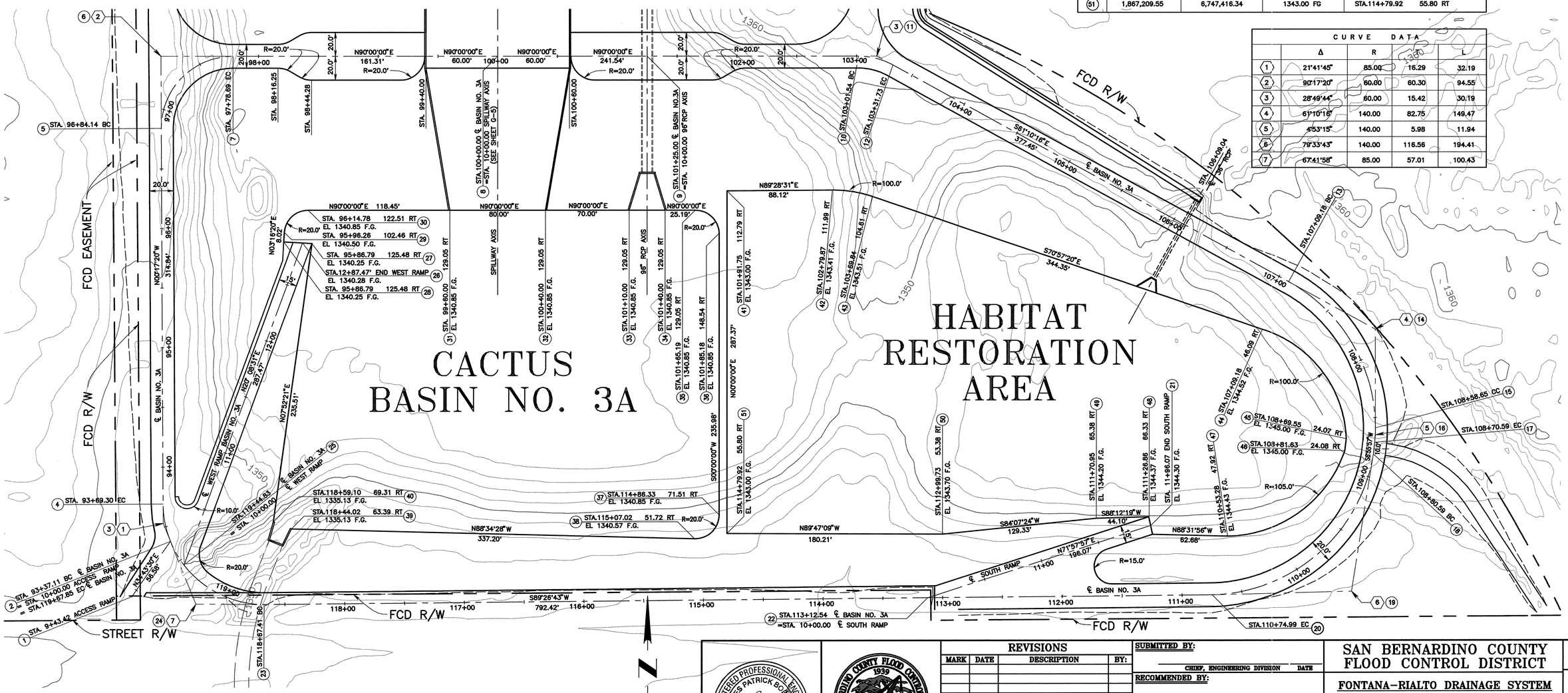
PROJECT COORDINATES				
	NORTH	EAST	ELEVATION	DESCRIPTION
1	1,867,156.68	6,746,918.82	1358.00 FG	STA. 9+43.42 BEGIN ACCESS RAMP
2	1,867,203.18	6,746,951.05	1360.71 FG	STA.93+37.11 BC = STA. 10+00.00 END ACCESS RAMP = STA.119+67.55 EC
3	1,867,218.28	6,746,944.95		PI OF CURVE NO. 1
4	1,867,234.57	6,746,944.87	1361.60 FG	STA. 93+69.30 EC
5	1,867,549.41	6,746,943.28	1375.22 FG	STA. 96+84.14 BC
6	1,867,609.72	6,746,942.98		PI OF CURVE NO. 2
7	1,867,609.72	6,747,003.28	1377.60 FG	STA. 97+78.69 EC
8	1,867,609.72	6,747,224.59	1370.80 FG	STA.100+00.00 ℄ BASIN NO. 3A = STA. 10+00.00 SPILLWAY AXIS
9	1,867,609.72	6,747,224.59	1370.80 FG	STA.101+25.00 ℄ BASIN NO. 3A =STA. 10+00.00 96" RCP AXIS
10	1,867,609.72	6,747,526.13	1377.55 FG	STA.103+01.54 BC
11	1,867,609.72	6,747,541.55		PI OF CURVE NO. 3
12	1,867,602.28	6,747,555.06	1377.01 FG	STA.103+31.73 EC
13	1,867,420.28	6,747,885.73	1356.55 FG	STA.107+09.18 BC
14	1,867,380.38	6,747,958.22		PI OF CURVE NO. 4
15	1,867,297.63	6,747,958.22	1350.15 FG	STA.108+58.65 CC
16	1,867,291.65	6,747,958.22		PI OF CURVE NO. 5

PROJECT COORDINATES				
	NORTH	EAST	ELEVATION	DESCRIPTION
17	1,867,285.70	6,747,957.71	1349.63 FG	STA.108+70.59 EC
18	1,867,275.78	6,747,956.51	1349.63 FG	STA.108+80.58 BC
19	1,867,160.65	6,747,938.32		PI OF CURVE NO. 6
20	1,867,157.67	6,747,821.79	1358.02 FG	STA.110+74.99 EC
21	1,867,215.07	6,747,770.69	1344.30 FG	STA. 11+96.07 END SOUTH RAMP
22	1,867,155.37	6,747,584.25	1357.52 FG	STA.113+12.54 ℄ BASIN NO. 3A = STA. 10+00.00 ℄ SOUTH RAMP
23	1,867,150.00	6,747,029.40	1353.50 FG	STA.118+67.41 BC
24	1,867,150.32	6,746,972.39		PI OF CURVE NO. 7
25	1,867,183.25	6,746,962.44	1359.84 FG	STA.119+44.83 ℄ BASIN NO. 3A = STA. 10+00.00 ℄ WEST RAMP
26	1,867,453.14	6,747,061.43	1340.28 FG	STA. 12+87.47 END WEST RAMP
27	1,867,452.69	6,747,069.25	1340.25 FG	STA. 95+86.79 125.48 RT
28	1,867,454.04	6,747,045.73	1340.32 FG	STA. 95+88.25 101.96 RT
29	1,867,462.05	6,747,046.19	1340.50 FG	STA. 95+96.26 102.46 RT
30	1,867,480.67	6,747,066.14	1340.85 FG	STA. 96+14.78 122.51 RT
31	1,867,480.67	6,747,184.59	1340.85 FG	STA. 99+60.00 129.05 RT
32	1,867,480.67	6,747,264.59	1340.85 FG	STA.100+40.00 129.05 RT
33	1,867,480.67	6,747,334.59	1340.85 FG	STA.101+10.00 129.05 RT

PROJECT COORDINATES				
	NORTH	EAST	ELEVATION	DESCRIPTION
34	1,867,480.67	6,747,364.59	1340.85 FG	STA.101+40.00 129.05 RT
35	1,867,480.67	6,747,389.78	1340.85 FG	STA.101+65.19 129.05 RT
36	1,867,461.18	6,747,409.77	1340.85 FG	STA.101+85.18 148.54 RT
37	1,867,225.20	6,747,409.77	1340.85 FG	STA.114+86.33 71.51 RT
38	1,867,205.21	6,747,389.28	1340.57 FG	STA.115+07.02 51.72 RT
39	1,867,225.20	6,747,052.18	1335.13 FG	STA.118+44.02 63.39 RT = EXIST TOE OF WINGWALL
40	1,867,219.38	6,747,037.04	1335.13 FG	STA.18+59.10 69.31 RT = EXIST TOE OF WINGWALL
41	1,867,496.92	6,747,416.34	1343.00 FG	STA.101+91.75 112.79 RT
42	1,867,497.73	6,747,504.46	1343.41 FG	STA.102+79.87 111.99 RT
43	1,867,492.26	6,747,538.00	1343.51 FG	STA.103+69.84 104.61 RT
44	1,867,379.90	6,747,863.51	1344.52 FG	STA.107+09.18 46.09 RT
45	1,867,288.61	6,747,933.80	1345.00 FG	STA.108+69.55 24.07 RT
46	1,867,278.69	6,747,932.59	1345.00 FG	STA.108+81.63 24.08 RT
47	1,867,207.04	6,747,834.76	1344.43 FG	STA.110+53.28 47.92 RT
48	1,867,223.50	6,747,769.28	1344.37 FG	STA.111+26.86 66.33 RT
49	1,867,222.12	6,747,725.20	1344.20 FG	STA.111+70.95 65.38 RT
50	1,867,208.88	6,747,596.55	1343.70 FG	STA.112+99.73 55.38 RT
51	1,867,209.55	6,747,416.34	1343.00 FG	STA.114+79.92 55.80 RT

CURVE DATA			
	Δ	R	L
1	21°41'45"	85.00	16.29
2	90°17'20"	60.00	60.30
3	28°49'44"	60.00	15.42
4	61°10'16"	140.00	82.75
5	4°53'15"	140.00	5.98
6	79°33'43"	140.00	116.56
7	67°41'58"	85.00	57.01



REGISTERED PROFESSIONAL ENGINEER
JAMES PATRICK BORCHUK
No. 41807
Exp. 3/31/08
CIVIL
STATE OF CALIFORNIA

SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT 1939 CALIFORNIA

REVISIONS			
MARK	DATE	DESCRIPTION	BY:

SUBMITTED BY:
CHIEF, ENGINEERING DIVISION DATE
RECOMMENDED BY:
ASSIST. FLOOD CONTROL ENGINEER DATE
APPROVED BY:
FLOOD CONTROL ENGINEER DATE

PROJ. ENGR.	DES. BY:	REV'D BY:	DRAWN BY:
T.R.	S.F.B./D.J.N.	J.B.	S.F.B./D.J.N.

SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT

FONTANA-RIALTO DRAINAGE SYSTEM

CACTUS BASIN NO. 3

SURVEY MAP
BASIN NO. 3A AND
HABITAT RESTORATION AREA

DATE DEC. ,2007
SCALE AS SHOWN
FILE NO. 2-104-
SHEET NO. G-2