



CONCRETE MIX DESIGN # 1469

3000/ 3 Day / 5000 PSI at 28 day Concrete

1" Maximum Sized Aggregate
(PT Slabs, Beams & Gravity columns)

<u>MATERIAL</u>	<u>POUNDS SATURATED SURFACE DRY (SSD)</u>	<u>ABSOLUTE VOLUME</u>
Cement	580 lbs	2.951
Fly Ash	100 lbs	0.728
Concrete Sand	1196 lbs	7.430
1" Coarse Agg.	1900 lbs	11.319
Water	260 lbs	4.167
% Air	1.5 %	0.405
TOTALS	4036 lbs	27.00

Mid Range Water Reducer Daracem 55 or Polyheed 997	Meets ASTM C494	82 oz yd
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Water Cement Ratio	0.38
Slump	6 +/- 1"

Central Concrete
755 Stockton Ave
San Jose, CA 95126



DATE	MIX #	TICKET	PLANT	TESTER	TRUCK #	CONC AIR		SLUMP	3 DAY	7 DAY	28 DAY	AIR %
						TEMP	TEMP					
07/30/08	1469	1019685	15	GULA	288	75	57	8.25			6170	1.5
07/30/08	1469	1019698	15	GULA	249	79	57	7.75			6145	1.1
07/30/08	1469	1019708	15	GULA	257	81	61	7.75			6045	1.3
07/30/08	1469	1019723	15	GULA	233	81	73	8.25			5540	1.2
07/23/08	1469	1019364	15	GULA	288	75	64	6			7105	1.1
07/23/08	1469	1019380	15	GULA	232	75	70	6			6905	1.1
07/18/08	1469	170246	11	CRUM	409	77	57	6	4530	5260	7365	2.1
07/17/08	1469	1019090	15	HAYNES	278	77	63	7			7090	1.7
07/17/08	1469	1019100	15	HAYNES	148	75	66	7			5870	1.6
07/17/08	1469	1019118	15	HAYNES	289	75	72	7.5			5920	1.7
07/17/08	1469	1019133	15	VITRUK	422	79	68	7			6320	1.4
07/11/08	1469	170201	12	CRUM	418	75	50	6	4210	4960	6735	2.1
07/11/08	1469	170315	12	CRUM	353	77	66	6.25	4110	5380	6775	1.8
07/09/08	1469	1018700	15	HAYNES	249	77	70	6	6220		6130	1.5
07/09/08	1469	1018709	15	HAYNES	144	82	72	6	3310		6355	1.4
07/09/08	1469	1018734	15	HAYNES	421	82	79	6.5	3410		6145	1.5
07/09/08	1469	1018756	15	HAYNES	232	84	90	7	2730		6480	1.5
07/02/08	1469	1017147	15	NUNLEY	407	84	75	4.25		5020	6267	1.8
06/14/08	1469	153967	15	BAXTER	420	72	52	6.25			6760	1.4
06/14/08	1469	154050	15	BAXTER	149	73	52	7			6875	1.5
06/14/08	1469	154146	15	BAXTER	235	73	54	6.75			6900	1.9
06/14/08	1469	154168	15	BAXTER	411	73	61	6.5			7165	1.7
06/14/08	1469	154212	15	BAXTER	422	66	61	6.5			6465	1.7
06/14/08	1469	154216	15	BAXTER	233	66	63	6			7120	1.6
06/14/08	1469	157929	15	BAXTER	231	72	54	6.75			5320	1.9
06/14/08	1469	32122	15	HAYNES	144	63	45	7			7580	1.5
06/14/08	1469	32153	15	HAYNES	232	64	63	7.5			7920	1.5
06/14/08	1469	32177	15	HAYNES	148	66	54	7			6725	1.5
06/14/08	1469	32188	15	HAYNES	289	66	52	7			6995	1.5
06/14/08	1469	56	15	HAYNES	127	68	55	7			7890	1.5

			MAX	6220	5380	7920
	F'c =	5000	MIN	2730	4960	5320
			AVE	4074	5155	6636
	1.34 * STD DEV =	850	STD DEV	1130	198	634
			# of TEST	7	4	30
	(2.33 * STD DEV) - 500 =	978	C of V	28	4	10

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