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CONCRETE CYLINDER COMPRESSIVE STRENGTH REPORT, ASTM C 39

Report To:
 Town of Addison
 Clay Barnett, PE
 16801 Westgrove Drive c/o Public Works Dept
 Addison, TX 75001

Report Date: 8/27/2010
Project No.: 99526
Project: Vitruvian Park and Misc Projs
Task: 5 Phase 1D

MIX DESIGN DATA

Supplier: LMC
Mix No.: 5507
Cement Type:

Cement Factor (sk/cy):
Max. Size Agg.(in.):
Admixtures:

SAMPLE DATA

Date Sampled: 8/20/2010 **Date Received:**
Source of Sample: Pier
 Pier E-1

Time Batched: 10:18 AM **Batch Size (cy):** 9
Time Sampled: 11:20 AM **Water Added (gal):**

Contractor: WW Drilling
Truck/Ticket: 5028/1507575
Sampled By: P. Kidd
Submitted By: P. Kidd
Curing Method: Cure Room
Field Cure Temp (°F) Hi: **Lo:**
Field Cure Time:

	Measured	Specified	
		Min	Max
Slump (in)	5.5		
Slump w/plasticizer (in)			
Ambient Air Temperature (°F)	99		
Mix Temperature (°F)	94		
Air Content (%)	4.1		
Unit Weight (pcf)			
Time in Truck (mins.)	62		

LABORATORY DATA

Capping Method: Unbonded

Sample Number	Date Tested	Age (days)	Dimensions (in)		Area (in ²)	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
			Diam.	Height				
MCK2000071A	8/27/2010	7	4.00	8.00	12.57	Type 3-Columnar	31,730	2,520
MCK2000071B	9/17/2010	28						
MCK2000071C	9/17/2010	28						
MCK2000071D	9/17/2010	28						
MCK2000071E		Hold						

Average 7 Day Strength (psi): 2,520
Required Strength (psi) @ 28 days: 3,600

Remarks:

Reviewed on 8/27/2010 by:

Campbell, Bill, Jr., P.E.
 Project Manager

Associated Test Methods: ASTM C 31, C 138, C 143, C 172, C 173, C 231, C 617, C 1064, C 1231

Unless prior arrangements have been made all HOLD specimens will be discarded if required strength is attained.
 Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.