

Dec. 16, 1970

DESIGN OF CONCRETE MIX (Proportions Recommended)

Glendora Public Library  
 Glendora, California

AGG. SOURCE: Pacific Rock Company

Earle T. Casler

CON. BY: Mission Ready Mix

Quantities per cu. yd. (agg. 5% Wet Dry)

	1078-1	1078-2	1078-3
MIXED:	2000# 1"	3000# 1 1/2"	3000# 1" Pump
CEMENTATION:			
TRUSS CEMENT --- 75% / CY:	5.0	5.5	5.7
CEMENT --- 15% Type 1 or 11	470.0	517.0	535.8
3/8" GRAVEL --- LBS:	1385	1290	1480
3/4" GRAVEL --- LBS:			485
1" GRAVEL --- LBS:	1860	1430	1270
1 1/2" GRAVEL --- LBS:		600	
FOUL WT. LBS. LBS:	3245	3320	3235
WATER --- DESIGN --- GAL:	38	33	36
ADJUSTS:			
Prizzolith LL 300 - Ozs. ---			16.1
MIN. Max. In.:	3/4	4	4
MIN. WATER GAL/CY:	8.0	6.5	6.5
CON. TEST REP.			
RECOMMENDATIONS:			

REPORT ON TEST OF CONCRETE AGGREGATE

TEST METHOD: 1% Retained	1 1/2"	1"	3/8"	U.C.	Comb 1 1/2"	Comb 1"	Comb Pump
	Gravel	Gravel	Gravel	Sand	Max.	Max.	Max.
No. 100					18-43-39	57-43	39-15-46
% 100	100				100		
No. 40	98	100			99	100	100
No. 20	19	96			84	98	99
No. 10	1	61	100		65	78	85
No. 5		9	93	100	43	48	64
No. 2.5		1	4	99	39	43	47
No. 1.25				82	32	35	38
No. .75				60	23	26	28
No. .425				35	14	15	16
No. .25				15	6	6	7
No. 200				5.0	2.0	2.2	2.3
Sp. Grav.	2.67	2.67	2.65	3.0	1.2	1.3	1.4
				2.64			

Respectfully submitted,

(S) Earl T. Casler  
 P.O. Box 418  
 Upland, California 91786

*Paul E. Babcock*  
 Field in. P. 100, K. E. No. 9558

WALTON MATERIALS LABORATORY, INC.

10325 SERRA AVENUE, SACRAMENTO, CALIFORNIA 95216  
 927-4234 Since 1935 C04-9775

Dec. 16, 1970

DESIGN OF CONCRETE MIX (Proportions Recommended)

Glendora Public Library  
 Glendora, California

AGG. SOURCE: Pacific Rock Company

Earle T. Casler

CON. BY: Mission Ready Mix

Quantities per cu. yd. (Agg. Sat. Surf. Dry)

	1078-1	1078-2	1078-3
MIX ID:	1078-1	1078-2	1078-3
CLASSIFICATION:	2000# 1"	3000# 1 1/2"	3000# 1" Pump
TYPE CEMENT --- SXS/CY:	5.0	5.5	5.7
CEMENT --- LB: Type 1 or 11	470.0	517.0	535.8
SAND --- LB:	1385	1290	1480
3/8" GRAVEL --- LB:			485
1" GRAVEL --- LB:	1860	1430	1270
1 1/2" GRAVEL --- LB:		600	
TOTAL WT. AGG. LB:	3245	3320	3235
WATER --- DESIGN --- GAL:	38	33	36
ADMITTANCE: <del>See label</del>			
<del>Prisolith Pts.</del>	5.0		
Prisolith LL 300 - Ozs.			16.1
Slump Max. In.:	3 3/4	4	4
MIX WATER GAL/SQ:	8.0	6.5	6.5

REPORT ON TEST OF CONCRETE AGGREGATE

TEST METHOD: 94. Proved	1 1/2"	1"	3/8"	W.C.	Comb 1 1/2"	Comb 1"	Comb Pump
	Gravel	Gravel	Gravel	Sand	Max.	Max.	Max.
No. 200					18-43-39	57-43	39-15-46
Sp. Grav.	100				100		
No. 4	98	100			99	100	100
No. 8	19	96			84	98	99
No. 16	1	61	100		65	78	85
No. 30		9	93	100	43	48	64
No. 60		1	4	99	39	43	47
No. 100				82	32	35	38
No. 200				60	23	26	28
No. 400				35	14	15	16
No. 800				15	6	6	7
No. 1500				5.0	2.0	2.2	2.3
No. 3000				3.0	1.2	1.3	1.4
Sp. Grav.	2.67	2.67	2.65	2.64			

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 Upland, California 91786

Respectfully submitted,

*Harold E. Babcock*  
 Harold E. Babcock, R. E. No. 9558

PACIFIC MATERIALS LABORATORY, INC.

10633 RIVERSIDE AVENUE, BLOOMINGTON, CALIFORNIA 92316  
 677-4324 Since 1955 634-9773

Dec. 16, 1970

DESIGN OF CONCRETE MIX (Proportions Recommended)

JOB IDENT:

Glendora Public Library  
 Glendora, California

ARCHITECT:

Earle T. Casler

AGG. SOURCE:

Pacific Rock Company

GEN. CONT.:

CON. BY:

Mission Ready Mix

Quantities per cu. yd. (Agg. Sat. Surf. Dry)

MIX NO.:	1078-1	1078-2	1078-3
CLASSIFICATION:	2000# 1"	3000# 1 1/2"	3000# 1" Pump
TESTED CEMENT --- SKS/CY:	5.0	5.5	5.7
CEMENT --- LBS: Type 1 or	11,470.0	517.0	535.8
SAND --- LBS:	1385	1290	1480
3/8" GRAVEL --- LBS:			485
1" GRAVEL --- LBS:	1860	1430	1270
1 1/2" GRAVEL --- LBS:		600	
TOTAL WT. AGG. LBS:	3245	3320	3235
WATER --- DESIGN --- GAL:	38	33	36
ADDMTURE: Red Label			
<del>Suenson-Pte.</del> 5.0			
Pozzolith LL 300 - Ozs. ----			16.1
SLUMP: Max. In.: 3/4		4	4
MAX. WATER GAL/SK:	8.0	6.5	6.5
Cont. Batch Plant Insp.	7.5		

SPECIAL RECOMMENDATIONS:

REPORT ON TEST OF CONCRETE AGGREGATE

SIEVE ANALYSIS: (% Passing)

	1 1/2"	1"	3/8"	U.C.	Comb 1 1/2"	Comb 1"	Comb Pump
	Gravel	Gravel	Gravel	Sand	Max.	Max.	Max.
18-43-39					100		
5"	100				99	100	100
1 1/2"	98	100			84	98	99
1"	19	96			65	78	85
3/4"	1	61	100				
1/2"		9	93	100	43	48	64
3/8"		1	4	99	39	43	47
No. 4				82	32	35	38
No. 8				60	23	26	28
No. 16				35	14	15	16
No. 30				15	6	6	7
No. 100				5.0	2.0	2.2	2.3
No. 200				3.0	1.2	1.3	1.4
Sp. Gravity	2.67	2.67	2.65	2.64			

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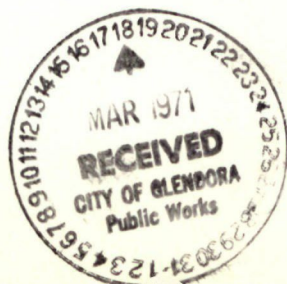
Respectfully submitted,

*Harold E. Babcock*  
 Harold E. Babcock, R. E. No. 9558

- OVER -

Lab No.: 1078

File No.: P-100-A



<input checked="" type="checkbox"/>	NO EXCEPTION TAKEN.
<input type="checkbox"/>	MAKE CORRECTIONS NOTED
<input type="checkbox"/>	MAKE CORRECTIONS NOTED & RE-UPMIT FOR RE-CHECK
Checking is only for general conformanc to the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the documents.	
ANTHONY and LANGFORD/ARCHITECTS	
A. I. A.	
Date	3-17-71
By	<i>[Signature]</i>