

DRAFT

WATER DATA TABLE

FEATURE:	POOL DATA:
LAP POOL	
1. PERIMETER = LFT	252'-11 1/4"
2. AREA = FT ²	3,489
3. OCCUPANTS: 1/20	105
4. AVERAGE DEPTH IN FT	3.85 FT
5. VOLUME IN GALLONS	100,303
6. REQD. TURNOVER (6HR)	379 GPM
7. PROPOSED TURNOVER	379 GPM
8. FILTER SYSTEM	
A. FILTER TYPE	HIGH RATE SAND
B. FILTER AREA & RATE	27 SF/10.32 GPM
C. TURNOVER RATE	6 HR
D. FILTER RATE GPM/FT ²	-
9. HEAT	
A. SOURCE	-
B. SIZE IN BTU (X 1000)	-
10. CHEMISTRY	
A. OXIDATION	NaOCL
B. SANITATION	NaOCL
C. PH	HCL
D. MISC.	AUTOMATED
11. POOL WATER LEVEL	-0'-0" REF
12. INLETS	8 PROVIDED
13. SURGE CAPACITY	2,108 GALS

WATER DATA TABLE

FEATURE:	POOL DATA:
RECREATION POOL	
1. PERIMETER = LFT	274'-6"
2. AREA = FT ²	2,108
3. OCCUPANTS: 1/20	105
4. AVERAGE DEPTH IN FT	4.0 FT
5. VOLUME IN GALLONS	64,506 GAL.
6. REQD. TURNOVER (6HR)	179.18 GPM
7. PROPOSED TURNOVER	179.18 GPM
8. FILTER SYSTEM	
A. FILTER TYPE	HIGH RATE SAND
B. FILTER AREA & RATE	13.5 SF/13.27 GPM
C. TURNOVER RATE	6 HR
D. FILTER RATE GPM/FT ²	-
9. HEAT	
A. SOURCE	-
B. SIZE IN BTU (X 1000)	-
10. CHEMISTRY	
A. OXIDATION	NaOCL
B. SANITATION	NaOCL
C. PH	HCL
D. MISC.	AUTOMATED
11. POOL WATER LEVEL	-0'-0" REF
12. INLETS	8 PROVIDED
13. SURGE CAPACITY	2,108 GALS

BUILDING DATA:

CODE: 2023 UBC W/ CA AMENDMENTS.
 OCCUPANCY: B-2
 EXTERIOR WALL FIRE RESISTANCE:
 1-HR LESS THAN 10'-0"
 EXTERIOR WALL OPENINGS:
 PROTECTED LESS THAN 10'-0"
 NOT PERMITTED LESS THAN 5'-0"
 CONSTRUCTION TYPE: VN
 ALLOWABLE AREA: 8,000 S.F.
 ALLOWABLE HEIGHT: 1-STORY
 PROPOSED: 3,512 S.Q.F.T.

PROJECT DATA:

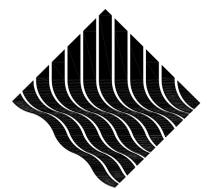
WATER SURFACE AREA:
 LAP POOL: 3,489 SF.
 REC. POOL: 2,108 SF.
 5,597 SF.

BATHER LOAD: TOTAL:
 5,597/15= 374
 MAXIMUM BATHER LOAD:
 5,597/20= 280 (POSTED)
 MALE OR FEMALE BATHERS: 187
 TOILETS REQUIRED:
 MALE: 187/75= 3 TOILETS
 3 URINALS
 FEMALE: 187/60= 4 TOILETS
 LAVATORY'S REQD.: 374/80= 3 @ EA. SIDE
 SHOWERS REQUIRED: 374/50= 8 - HEADS
 DRINKING FOUNTAINS: 374 - 250 = 124
 124/200= 1
 (1+) = 2 DRINKING FOUNTAINS REQUIRED.



SCHEME M - SWIMMING POOL SITE PLAN

SCALE 1/16"=1'-0"



**Arch-Pac
Aquatics**
 2011 Palomar Airport Road, Suite 101
 Carlsbad - CA, 92011
 760 734 1600



client:
THE BAY CLUB COMPANY
 1 LOMBARD STREET
 SAN FRANCISCO, CA 94111

project:
MANHATTAN BEACH BAY CLUB
 13300 PARKVIEW AVE.
 MANHATTAN BEACH, CA 90266

DRAWING/SCHEME NO.:

M